IN REPLY
REFER TO J627

December 01, 2011

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 444,
Revise Asset Status Report Transactions, DLMS 846I and MILSTRAP DZA, to
Document Ammunition Systems Use by Agreement of Nine Digit Quantity On-Hand
(Supply/MILSTRAP) (Staffed as PDC 466)

The attached change to DOD 4000.25-M, Defense Logistics Management System (DLMS)
and DOD 4000.25-2-M, Military Standard Transaction Reporting and Accounting Procedures
(MILSTRAP) is approved for implementation.

Supply PRC representatives may direct questions to Ms. Mary Jane Johnson, 703-767-
0677, DSN 427-0677, email: Mary.Jane.Johnson@dla.mil. Others must contact their Component
designated Supply PRC representative.

DONALD C. PIPP
Director
DLA Logistics Management Standards

Attachment
ADC 444

cc:
ODASD (SCI)
Joint Physical Inventory Working Group (JPIWG)

ATTACHMENT TO ADC 444
Revise Asset Status Report Transactions (DLMS 846I and MILSTRAP DZA) to Document Ammunition Systems Use by Agreement of Nine Digit Quantity On-Hand

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

    a. Technical POC: Army, PEO EIS LMP, (856) 988-4878

    b. Functional POC: Army, JMC (JM&L LCMC), (309) 782-6469

2. FUNCTIONAL AREA: Supply/Logistics, Ammunition systems, Asset Status Reporting

3. REFERENCES:

    a. DOD 4000.25-2-M, Military Standard Transaction Reporting and Accounting Procedures (MILSTRAP) Manual

    b. NAVSUP P-485, Afloat Supply Procedures

    c. DLA Logistics Management Standards memorandum, August 22, 2011. Subject: ADC 441, Exception Rules to Accommodate Communication of Ammunition/Ammunition Related Item Quantities in Excess of Five Digits (Supply/MILSTRIP/MILSTRAP)

    d. DLMSO memorandum, February 5, 2010, subject: ADC 355, Revise DLMS Supplement (DS) 846I, Asset Status Inquiry/Report to Address Intra-Navy Use of Transaction Preparation Date in Multiuse Field of MILSTRAP DZA Transaction (Supply)

    e. DLMSO memorandum, July 30, 2007, subject: ADC 250, Revise DLMS 846I and MILSTRAP DZA Asset Status Transactions to Support Army Distribution Operations, and Revise DLMS 846I for Use of Universal Time Coordinate (UTC) and for Administrative Updates (Supply)

    f. DLA Logistics Management Standards memorandum, April 25, 2011, subject: ADC 403, Administrative Update to Identify MILSTRAP Transactions Authorized for Reversal (Supply)

    g. Draft DLA Logistics Management Standards memorandum (under development), subject: Approved MILSTRAP Change Letter (AMCL) 13, Partial Reversal of Select MILSTRAP/ DLMS Transactions (previously released as Request for Implementation Date for AMCL 13

4. BACKGROUND: Substantive revisions subsequent to staffing of PDC 466 are highlighted in yellow throughout this ADC.

    a. The Single Manager for Conventional Munitions is the Joint Munitions and Lethality Command, which migrated from the Legacy Command Commodity Standard System (CCSS) to the Logistics Modernization Program (LMP) in October 2010. All Army-managed munitions and Army-stored munitions are handled within LMP. LMP completed its migration from MILS to DLMS in 2007 for all applicable transactions.   The systems involved in the process described below are:

- **LMP -- Army**
- **Combat Ammunition System (CAS) -- Air Force**
- **Ordnance Information System – Wholesale (OIS-W) -- Navy**
- **Ordnance Information System – Marine Corps (OIS-M) -- Marine Corps**

Of these systems, LMP is DLMS compliant; the remainder transact in Defense Logistics Standard System (DLSS) 80-position legacy format, and translation would be required to support the communication of ammunition quantities.

   b. **Intent of the transaction:** Current DLSS format for Document Identifier Code (DIC) DZA limits the ability to accurately perform Asset Status Reporting for Ammunition <mark>and Ammunition related items (referred to as ammunition throughout this ADC, unless clarification is required for the updating of manuals and ICs).</mark>

   c. **Scenario for which the transaction is used:** At the end of each day, LMP will send an 846I Asset Status Report transaction to the Air Force, Marine Corps, and Navy to report asset balances for their owned assets stored in an LMP storage location.
STAFFING NOTE: Use of the end of day 846I (MILSTRAP DIC DZA functionality) Asset Status Report described in this change does not replace the DOD Physical Inventory Control Program (PICP) End of Day process. Under the DOD PICP end of day process, the storage activity uses the DLMS 846R (MILSTRAP DZH) Location Reconciliation Request Transaction to submit the daily closing on-hand balance to each affected owner/manager, for each record experiencing transactions affecting the balance, until such time as a single shared asset balance maintained by the storage activity is established.[1]

   d. **Procedures, transactions, data elements, processing details in use today:** NAVSUP P-485 (reference 3b), Afloat Supply Procedures Volume II, Supply Appendices, Appendix 28, MILSTRIP/ MILSTRAP Formats, Part BF: DIC DZ_ Asset Status/Logistics Data, Section I: DIC DZA Asset Status provides a Navy intra-service format for DIC DZA. There are some components of this, specific to ammunition, that have been adopted by all Services.
STAFFING NOTE: The MILSTRAP DZA format provides for a large amount of intra-Component specific data (record positions 42-66 and 72-80). Further, MILSTRAP Chapter 8 (as revised by ADC 250), paragraph C8.2.1 requires that "DoD Components must identify to DLMSO any Component prescribed data in DIC DZA which shall be required in the Component's modernized system using the Defense Logistics Management System (DLMS) transactions. This is necessary so that DLMSO can incorporate the Component data in the DLMS Supplement (DS) 846I Asset Status transaction."

   1) In addition to the notes for record position (rp) 7, Overflow, the above NAVSUP reference lists an additional note, "For Ammunition reporting, enter code "9" and insert the 7th, 8th and 9th position of the "on-hand" quantity in cc 52-54, prefixing significant digits with zeros."

   2) There is a specified entry for rp 52-54 (Overflow Quantity), with Entry and Instructions stating, "For Ammunition Items Only. Enter the 7th through 9th position of the "on-hand" quantity. Prefix significant digits with zeros (e.g., if on-hand quantity is 98,765,432, enter 765432 in cc 25-30 and 098 in cc 52-54)."
   NOTE: NAVSUP P485 uses "cc" for card column vs. "rp" for record position.

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[1] Refer to DOD 4000.25-M, DLMS, Volume 2, chapter 6, or DOD 4000.25-2-M, MILSTRAP, Chapter 7 for Physical Inventory Control procedures. Both manuals are available at: https://www.dla.mil/j-6/dlmso/eLibrary/Manuals/dlmso_pubs.asp.

3) *Intra-Service ammunition orders utilize the storage depot being transacted against instead of the Inventory Control Point in the Routing Identifier (FROM) in rp 67-69 in order to maintain traceability of ammunition items asset status; this change updates the MILSTRAP DZA format, rp 67-69, to reflect this for ammunition.*

4) There is a requirement for ammunition transactions to contain the date of the transaction in rp 73-75. 'Date of Transaction' as used in the MILSTRAP DIC DZA multiuse field 73-75 had previously been captured for Navy in 846I under ADC 355 (reference 3d), for the condition that if RP4=N, P, Q, R, or V then DTM01=600, DTM02=RP 73-75 (note that DTM02 would be in CCYYMMDD format, not Julian date format). This logic is required to be extended for rp 4-6 (N1/450 Loop: N101=Z4, N103=M4, N106=TO, N104/450) =MHQ, FG5, FL5, FGZ, FLZ, as identified in paragraph 5.a.1)b) below.

5.   **REQUESTED CHANGE(S):**

   a.   **Requested change in detail:**

      1) Revise DLMS to DLSS mappings for DLMS 846I/MILSTRAP DLSS DIC DZA. DLSS to DLMS mapping changes are not required. These changes are only applicable for the following conditions:

      a) Federal Supply Group = 13 **or Federal Supply Class = 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140.**

      b) Identified senders and recipients. **STAFFING NOTE IN PDC TO ALL COMPONENTS:** This change is for implementation supporting only the identified Routing Identifier Codes (RICs) listed here. If Component preference is (1) to apply across all users for Federal Supply Group (FSG) = 13, or (2) if there is reason not to apply to all FSG = 13, or (3) if additional RICs must be added, this information was to be provided in the Component response to the PDC staffing.

         (1) RIC From (1/N1/080 Loop: N101=Z4, N103=M4, N104 = B14, N106 = FR);

         (2) Storage activity RIC (2/N1/450 Loop: N101=SB, N103=M4, N104 = A0W, A5R, BA9, BB1, BB2 , BC2, BD2, BKD, BRD, BTD, B13, B38, B47, B51);

         (3) RIC To (2/N1/450 Loop: N101=Z4, N103=M4, N106=TO, N104/450=MHQ, NCB, FG5, FL5, FGZ, FLZ, N106=TO)

      c) The description of the RICs by system is below:

         (1) B14 - Joint Munitions and Lethality Command (JM&LC) (LMP). Note that this RIC is shared with the Tank-Automotive and Armaments Command (TACOM), but for the purposes of this change, it refers to JM&LC.

         (2) FG5, FGZ, FL5, FLZ - Ogden/Warner Robins Air Logistics Centers (CAS)

         (3) MHQ - Program Manager for Ammunition, Marine Corps Systems Command (OIS-M)

         (4) NCB - Naval Operational Logistics Support Center Ammo (OIS-W)

(5) Storage Depots:

> *(a) A0W – Tobyhanna Army Depot*
>
> *(b) A5R – Blue Grass Army Depot*
>
> *(c) BA9 – Pine Bluff Munitions Center*
>
> *(d) BB1 – Holston Army Ammunition Plant*
>
> *(e) BB2 – Crane Ammunition Depot*
>
> *(f) BC2 – McAlester Ammunition Plant*
>
> *(g) BD2 – Hawthorne Ammunition Depot*
>
> *(h) BKD – Letterkenny Munitions Cent*
>
> *(i) BRD – Red River Munitions Center*
>
> *(j) BTD – Tooele Army Depot*
>
> *(k) B13 – Iowa Army Ammunition Plant*
>
> *(l) B38 – Lake City Army Ammunition Plant*
>
> *(m) B47 – Blue Grass Ammunition Depot*
>
> *(n) B51 – Milan Army Ammunition Plant*

2) The rationale for extending this intra-Navy format to Joint Service Ammunition transactions and DLA Transaction Services mappings is supported by MILSTRAP Chapter 8, Asset Status Reporting, Section C8.2. Assets Within the Distribution System, paragraph C8.2.1, "Due to the number of record positions devoted to entries prescribed by the Components for use within distribution systems, each Component is authorized to procure a printed format suitable to its needs."

3) Procedures for DLA Transaction Services handling of large quantities where the legacy trading partner is not identified as a participating trading partner. The proposed new process will allow the larger quantities to process between the designated trading partners. However, if other non-DLMS trading partners are identified as the intended recipient, DLA Transaction Services will reject the DLMS 846I transaction to the ammunition system originator using the DLMS 824R Reject transaction with a narrative reason for rejection. The ammunition system DLMS trading partner receiving the 824R Reject transaction will need to research the processing capabilities of the intended ammunition system recipient to determine if that activity can process the MILSTRAP DZA transaction as depicted in this change and should be added to the participating ammunition system trading partners. If not, manual intervention may be needed to reduce the quantity transmitted to even multiples of 1,000, and/or to contact the designated recipient to ensure that the appropriate quantity is recorded.

  b. **Proposed procedures.**

   1) Revise DOD 4000.25-2-M, MILSTRAP, **Appendix AP3.56, DIC DZA,** Asset Status, as revised by ADC 250 (reference 3.e.), as shown in Enclosure 1.

2) Change associated with related ADC 441 (reference 3.c.). Revise DOD 4000.25-2-M, MILSTRAP, Appendix 3 (AP3), Formats Introduction, as revised by ADC 403 (reference 3.f.) as shown in Enclosure 2 to add new paragraph AP3.3.5. This revision supports ADC 441 which provided "Exception Rules to Accommodate Communication of Ammunition/Ammunition Related Quantities in Excess of Five Digits", but did not specifically address revising the MILSTRAP AP3.

3) Revise Appendix AP3 for the following formats to add a new footnote at the quantity field to refer to new paragraph AP3.3.5. The format identified for this footnote are those MILSTRAP transaction DICs called out in ADC 441 for exception rules to accommodate communication of Ammunition/Ammunition related item quantities in excess of five digits:

a) Add footnote 3 to the following quantity fields:

App	DIC	Title of Transaction	RP 25-29 Field	Record Position 25-29 Instructions
AP3.1	D4_	Materiel Receipt – Procurement Instrument Source	Quantity	Enter quantity received, preceding significant digits with zeros.[1/2 /3]
AP3.2	D6_	Materiel Receipt – Other Than Procurement Instrument Source	Quantity	Enter quantity received, preceding significant digits with zeros.[1/2 /3]
AP3.3	D7_	Issue	Quantity	Enter quantity issued, preceding significant digits with zeros.[1/2 /3]
AP3.4	D8_, D9_	Inventory Adjustment – Increase or Decrease	Quantity	Enter quantity ~~issued~~ ***being adjusted***, preceding significant digits with zeros.[1/2 /3]
AP3.8	DAC, DAD	Inventory Adjustment – Dual (Condition/Purpose Transfer)	Quantity	Enter quantity being adjusted, preceding significant digits with zeros.[1/2 /3]
AP3.9	DAS	Inventory Adjustment – Dual (Ownership Transfer)	Quantity	Enter quantity being adjusted, preceding significant digits with zeros.[1/2 /3]
AP3.10	DD_	Due-In – Procurement Instrument Source	Quantity	Enter quantity due-in, preceding significant digits with zeros.[1/2 /3]
AP3.12	DF_	Due-In – Other Than Procurement Instrument Source	Quantity	Enter quantity due-in, preceding significant digits with zeros.[1/2 /3]
AP3.42	DU_	Pre-Positioned Materiel Receipt (PMR) – Procurement Instrument Source	Quantity	Enter quantity to be received, preceding significant digits with zeros.[1/2 /3]
AP3.43	DW_	PMR – Other Than Procurement Instrument Source	Quantity	Enter quantity to be received, preceding significant digits with zeros.[1/2 /3]

[1] See Appendix AP3 - Formats Introduction, Paragraph AP3.3.1.

[2] See Appendix AP3 - Formats Introduction, Paragraph AP3.3.2.

[3] See Appendix AP3 - Formats Introduction, Paragraph AP3.3.5.

App	DIC	Title of Transaction	RP 25-29 Field	Record Position 25-29 Instructions
AP3.44	DXA	Materiel Receipt Follow-Up Procurement Instrument Source	Quantity	Enter quantity to be received, preceding significant digits with zeros.[1/2]
AP3.45	DXB	Materiel Receipt Follow-Up Other Than Procurement Instrument Source	Quantity	Enter quantity to be received, preceding significant digits with zeros.[1/2]
AP3.46	DXC	Reply to Materiel Receipt Follow-Up Procurement Instrument Source	Quantity	Enter quantity to be received, preceding significant digits with zeros.[1/2]
AP3.47	DXD	Reply to Materiel Receipt Follow-Up Other Than Procurement Instrument Source	Quantity	Enter quantity to be received, preceding significant digits with zeros.[1/2]

[1] See Appendix AP3 - Formats Introduction, Paragraph AP3.3.1.

[2] See Appendix AP3 - Formats Introduction, Paragraph AP3.3.5.

4) Revise DLMS Supplements 846I as follows:

Item #	Location	Revision to 846I, Asset Status Inquiry/Report	Reason
1.	DLMS Introductory Note	Added ADC 444 to DLMS Introductory note 6. - *ADC 444, Revise Asset Status Report Transactions, DLMS 846I and MILSTRAP DZA, to Document Ammunition Systems Use by Agreement of Nine Digit Quantity On-Hand (Supply/MILSTRAP)*	To identify DLMS changes included in the DS.
2.	2/DTM01/100	Add DLMS Note 5 to existing qualifier '600 – As Of': **AS Of** **DLMS Note:** *1. Use for asset status reports to identify the date associated with the inventory information (date transaction was prepared). Express this date in Universal Time Coordinate.* *2. Used between the Army and DLA to determine the most current asset posture for assets stored under DLA/SMS ownership when more than one asset report is received within the same cycle.* *3. Navy uses this date intra-Navy to determine the most current asset posture when more than one asset report is received within the same cycle. This equates to intra-Navy prescribed data in MILSTRAP DZA multiuse field, rp 73-75. Refer to ADC 355.* *4. Used to support DLA industrial activity support agreement.* ***5. Ammunition and ammunition related transactions use this date to determine the most current asset posture when more than one asset report is received within the same cycle. This equates to Ammunition transaction prescribed data in MILSTRAP DZA multiuse field, rp 73-75. Refer to ADC 444.***	To extend the existing logic to include all ammunition transactions

Item #	Location	Revision to 846I, Asset Status Inquiry/Report	Reason
3.	2/QTY02/320	Modify existing DLMS note 1 and add note 2: **DLMS Note:** 1. A field size exceeding 6 positions for QTY01 qualifiers 17, BA, XU, XV, and XY (eight positions for FSG 13 ammunition*, except as noted below for qualifier 17);* and 5 positions for QTY01 qualifier BQ (seven positions for FSG 13), may not be received or understood by recipients automated processing system. See introductory DLMS note 4d. *2. For FSG 13 and FSC 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140 ammunition and ammunition related materials, qualifier 17 (on-hand), 9 positions may be used per ammunition system trading partner agreements (refer to ADC 444).*	Identifies ammunition on-hand quantity exception identified in this change.

5) Revise DAAS Mappings for 846I as follows:

Field Legend	DLSS Position	Conditions	Revision to DZA Mapping	846I Position/Loop
Quantity on Hand	25 – 30	QTY01/17 (on-hand) If Position 1-2 of LIN05=13 **OR** *If Position 1-4 of LIN05= 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140,* when LIN04=FS AND If RP7=9	RP25-30 = Position 1–6 of QTY02 ELSE RP 25-30 = QTY02	2/QTY/320
Quantity Overflow	52 – 54	QTY01/17 (on-hand) If Position 1-2 of LIN05=13 **OR** *If Position 1-4 of LIN05= 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140,* when LIN04=FS AND If RP7=9	RP52-54 = Position 7–9 of QTY02	2/QTY/320
Card Overflow	7	QTY01/17 (on-hand) If Position 1-2 of LIN05=13 **OR** *If Position 1-4 of LIN05= 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140*, when LIN04=FS AND If QTY02 > 99,9999	Constant 9	
Routing Identifier (FROM)	*67 – 69*	*Where N101 = SB N103 = M4 If Position 1-2 of LIN05=13 OR If Position 1-4 of LIN05=*	*RP 67-69 = N104*	*2/N1/450*

Field Legend	DLSS Position	Conditions	Revision to DZA Mapping	846I Position/Loop
		1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140 AND **If N104/080 = B14 where** **N101=Z4** **N103=M4** **N106=FR**		
Date (Transaction Preparation)	73 – 75	~~If~~ DTM01 = 600 If Position 1-2 of LIN05=13 **OR** **If Position 1-4 of LIN05= 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140,** when LIN04=FS	DTM02 = RP73-75	2/DTM/100

c. Proposed transaction flow: This is applicable only for transactions from LMP to CAS, OIS-M and OIS-W for Ammunition for the RICs identified above.

d. Alternatives: Systems migrating to DLMS would be required to continue to follow the limitations and processes of the Legacy DLSS processes.

6.   REASON FOR CHANGE: Documents existing ammunition system requirement for MILSTRAP DIC DZA and incorporates it in DLMS and MILSTRAP to support the Ammunition system processing between the Army and Air Force, Marine Corps and Navy.

7.   ADVANTAGES AND DISADVANTAGES:

a. Advantages.

1) Supports DLMS migration efforts across DOD to be able to accurately communicate with non-DLMS systems while allowing the DLMS systems to reduce the number of transactions and more fully align with DLMS capabilities. If this change were not implemented, the other alternative would be for major revisions to an interfaces in LMP, and revisions to Legacy systems, which would require an as yet unknown time and cost.

2) Complies with the MILSTRAP Chapter 8 requirement that DOD Components must identify to DLA Logistics Management Standards office any Component-prescribed data in DIC DZA that will be required in the Component's modernized system using the DLMS transactions.

b. Disadvantages: Changes to DLA Transaction Services maps. Increased processing logic required for DLA Transaction Services to perform quantity conversions. This process deviates from standards documented procedures, but the DLMS changes included in this document, if adopted, would align the process with the regulations.

8. ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT:

a. Trading partner systems are either DLMS compliant for the affected transactions, or already are configured to accept the DLSS (MILSTRAP) DIC DZA in the format specified in this change.

b. DLMS compliant systems identified in this change for ammunition shall be required to support larger quantities in accordance with DLMS Supplement 846I.

c. PDC 466 staffing revealed that identification of ammunition by FSG 13 was not all inclusive and was revised to also include **Federal Supply Class (FSC) 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140**. As requirements evolve, it may be necessary to expand the criteria to allow additional ammunition items to fall under the processing procedures defined in this change. **PDC STAFFING NOTE:** Component comments may be submitted for inclusion of non-FSG 13 ammunition items identified during staffing. COMMENTS TO THE PDC WERE RECEIVED TO ADD ADDITIONAL FSCs. REFER TO PDC COMMENT TABLE AT Encl 2, ROW 6.

d. Additional ammunition system trading partners may be identified subsequent to implementation of this process. The Army lead will be responsible for ensuring that DLA Transaction Services and DLA Logistics Management Standards office are notified so that updates may be made to the conversion processing criteria. Re-coordination using the proposed DLMS change process will not be required to apply these rules to additional ammunition trading partners.

9. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: Implementation of mapping changes by **DLA Transaction Services** is requested as soon a possible to ensure ammunition inventory accountability is maintained throughout the Joint Services. No changes to other systems are required.

10. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE: Army estimates that this will save the Army approximately 2,070 hours of research annually. This equates to 1 Full Time Equivalent (FTE), and is estimated at $68,310 annually, with approximately .2 FTE for each the Air Force, Marine Corps and Navy, and .4 FTE for Joint Munitions and Lethality Command to perform the research and corrections.

11. IMPACT:

a. New DLMS Data Elements: None.

b. Changes to DLMS Data Elements: Documents use of 9-position quantity field for FSG 13 *and FSC 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140* ammunition in the Asset Status transaction per existing ammunition system trading partner agreements.

c. Automated Information Systems (AIS):

1) DLA Transaction Services: DLA Transaction Services DLMS to DLSS mapping changes are required for MILSTRAP/DLSS DIC DZA to DLMS 846I.

2) Service systems: No impact to Service systems is anticipated, as the systems that would be in receipt of Asset Status Transactions for ammunition, as identified in the mapping logic for this PDC, are already capable of handling the modified mapping.

3) DLA: No impact to DLA systems is anticipated, as the mapping logic in this PDC is specific to the identified Service Ammunition systems.

d. **Publications:**

   1) MILSTRAP: Revise DOD MILSTRAP Appendix AP3.56 DZA, Appendix 3 Introduction, and Chapter 9, as shown at Enclosures 1, 2, and 3, respectively.

   2) DLMS: Revise DLMS 846I Assets Status transaction as indicated in this change.

12. PDC 466 RESPONSES AND DISPOSITION:

	Originator	PDC 466 Response/Comment	Disposition
1.	**Army**	Concur without comments	Noted.
2.	**Air Force**	Concur without comments	Noted.
3.	**Marine Corps**	Concur with comments: **1.** General a. The majority of the document is complete and correct. However, there are several areas that could be detrimental to the Marine Corps if the PDC is enacted as written without major changes to internal OIS-M processing and changes to the SMCA processes and procedures.	

4.	**Marine Corps**	**2.** Paragraph 5.a.1
		   a. Recommend that additional RICs be added to the 'RIC From' list (para 5.a.1.b.1) to include all of the LMP storage activities:
		      i. A0W – Tobyhanna Army Depot
		      ii. A5R – Blue Grass Army Depot
		      iii. BA9 – Pine Bluff Munitions Center
		      iv. BB1 – Holston Army Ammunition Plant
		      v. BB2 – Crane Ammunition Depot
		      vi. BC2 – McAlester Ammunition Plant
		      vii. BD2 – Hawthorne Ammunition Depot
		      viii. BKD – Letterkenny Munitions Cent
		      ix. BRD – Red River Munitions Center
		      x. BTD – Tooele Army Depot
		      xi. B13 – Iowa Army Ammunition Plant
		      xii. B38 – Lake City Army Ammunition Plant
		      xiii. B47 – Blue Grass Ammunition Depot
		      xiv.B51 – Milan Army Ammunition Plant
			2.a. Concur. Added the RI Codes to the appropriate sections, and identified that this is the Storage RI Code, not the ICP RI Code as currently identified in the MILSTRAP manual for the DZA format.

	Originator	PDC 466 Response/Comment	Disposition
5.	**Marine Corps**	**b.** Justification – For asset status transaction (pre-LMP and current DZA mitigation) the RIC From is the RIC of the storage activity that is reporting the status of the material they physically have on hand and not the SMCA ICP (B14). i. If approved as written two outcomes are possible: 1. DZAs for non-SMCA managed items would not be received 2. DZAs would be from B14 and would not have a means to identify which storage activity has the assets. ii. For ammunition, the RIC From should be the same as the Location Reconciliation (DIC = DZH).	**2.b**. Addressed under comment 2.a. above.
6.	**Marine Corps** *continued*	**3.** Paragraph 8.c (Staffing Note) **a.** Add the following non-FSG Federal Supply Classes: i. 1410 – Guided Missiles ii. 1420 – Guided Missile Components iii. 1427 - Guided Missile Subsystems iv. 1440 – *Launchers*, Guided Missiles v. 8140 – Ammunition and Nuclear Ordnance Boxes, Packages, and Special Containers	**3.a. <u>Army Originator Response:</u>** Concur. Added the identified FSCs to the logic where applicable. **Following comments received from the USN under PDC 467 requested the addition of FSC 5330, 5865, and 6810 which is included here for consistency.** USMC and USAF were polled for the acceptability of inclusion of these FSCs and raised no objections. <mark>Note that the initial request from the USN indicated GSC 6818, which was later determined to be inaccurate. The appropriate FSC of 6810 has been replaced throughout this document.</mark>
7.	**Marine Corps**	**4.** Enclosure to PDC 466 **a.** Recommend adding text or footnote as follows to support entry of RIC From in rp 67-69 of the ICP preparing the transaction i. For ammunition items, enter the RIC of the storage activity preparing the transaction as a footnote. ii. Justification – see paragraph 2.b above.	**4.a.** Concur. Added to the DZH mapping in the enclosure. MILSTRAP DZA format also updated accordingly to document this.

	Originator	PDC 466 Response/Comment	Disposition
8.	Marine Corps	**5.** Marine Corps required review of this proposed DLMS change (PDC) prior to finalization as an approved DLMS change (ADC).	**5.** DLA Logistics Management Standards office provided USMC a copy of the draft ADC on 10/27/2011. USMC provided concurrence without comment on 12/1/2011.
9.	DLA	DLA concurs, no system impact identified. Some comments below from the Inventory Management side: -- For consistency, recommend "Document Identifier Code" be referred to as either "DIC" or "DI Code" throughout the document. For example, on page 2 of 7, "DZA" is referred to as "DIC DZA" in 4.a. on the first line; "DI DZ_" and "DI Code DZA" in 4.c. on the third line; and "DI CODE DZA" on page 6., 2nd line from the top of the page. - Page 3, 5.a.1)(c)(2): Change "Ogden/Warner Robbins" to "Ogden/Warner Robins" - Is there any cost estimate associated with the 2,070 hours saved by the Army? May be good info to add to paragraph 10 of the PDC.	DIC used. Change made. At paragraph 10 in this ADC, Army converted the Hours to Full Time Equivalent (FTE), and assigned the appropriate costs.
10.	USTRANSCOM	Abstain.	Noted.
11.	DLA Logistics Management Standards	**Question to Army originator on ADC 441 and ADC 444:** ADC 441 did not update the MILSTRAP AP3 introduction for exception rules as it did the MILSTRIP AP3 Introduction. Was it left out by intent, or should MILSTRAP be updated also?	**Army Originator Response:** MILSTRAP should also be updated to reflect the changes. Changes are incorporated on page 5.
12.	Army LMP and DLA Logistics Management Standards Office		Army LMP has been engaged with the DLMS office to address comments throughout the staffing of this PDC, and believes that all concerns have been addressed.

Enclosures

ENCLSOURE 1 TO ADC 444
Revise AP3.56, DIC DZA, as revised by ADCs 250;

Changes addressed in PDC 466 are shown by **bold, italicized text**.

Additional changes, NOT addressed in PDC 466, are shown by <mark>**yellow highlighted, bold, italicized**</mark> text.

AP3.56. APPENDIX 3.56

ASSET STATUS

FIELD LEGEND	RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
Document Identifier	1-3	Enter DIC DZA.
Routing Identifier (TO)	4-6	Enter **RIC** of the ICP to which this transaction is being forwarded.
Card Overflow	7	Enter codes A through Z (Except I and O) when any quantity exceeds the number of digits allotted.
		For ammunition <mark>and ammunition related items in</mark> Federal Supply Group (FSG) 13<mark>, and Federal Supply Class (FSC) 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140</mark> by trading partner agreement, enter code '9' and enter the 7th, 8th and 9th position of the "on-hand" quantity in rp 52-54, prefixing significant digits with zeros[1].
Stock or Part Number	8-22	Enter stock or part number of item reported.
Unit of Issue	23-24	Enter UI of item.
Quantity (On hand)	25-30	Enter quantity of the item on hand, preceding significant digits with zeros. ***For FSG 13 <mark>and FSC 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140</mark> ammunition <mark>and ammunition related items</mark>, when '9' is entered in rp 7, follow guidance at rp 7.***
Quantity (Due-In)	31-36	Enter quantity of the item due-in, preceding significant digits with zeros.
Quantity (Backordered)	37-41	Enter quantity of the item on backorder, preceding significant digits with zeros.

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[1] ***<mark>Refer to ADC 444</mark>.***

FIELD LEGEND	**RECORD POSITION(S)**	**ENTRY AND INSTRUCTIONS**
Multi-use	42-66	When used between Components, leave blank. When used within a Component, enter data prescribed by that Component.

For Army, the following data is entered in rp 43-64 of the multi-use field[2].

Quantity (Requirements Objective	43-48	Army enters requirements objective established for purpose code in rp 70.
Quantity (Safety Level)	49-54	Army enters quantity that reflects the safety level requirement, *except for ammunition and ammunition related FSG 13 and FSC 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140 as noted for rp 52-54 below.*
Routing Identifier (Storage Activity)	58-60	Army enters code of storage activity at which item is stored if different from activity preparing this transaction (FROM RI Code, rp 67-69).
Date (Transaction Preparation)	61-64	Army enters Julian date of asset status (date on which transaction was prepared).

For ammunition and ammunition related FSG 13 and FSC 1410, 1420, 1427, 1440, 5330, 5865, 6810, or 8140, the following data is entered in rp 52-54 of the multi-use field.

Quantity Overflow	*52-54*	*For ammunition and ammunition related items in Federal Supply Group 13 and Federal Supply Classes 1410, 1420, 1427, 1440, 5330, 5865, 6810, and 8140, when '9' is entered in rp 7, enter the first through sixth positions of the on hand quantity in rp 25 – 30, and the seventh through ninth positions in rp 52 – 54, preceding significant digits with zeroes. For example for a quantity of 98,765,432, enter 765432 in rp 25 – 30 and enter 098 in rp 52-54[3].*

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[2] Refer to ADC 250.
[3] *Refer to ADC 444*

FIELD LEGEND	RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
Routing Identifier (FROM)	67-69	Enter RI code of the ICP preparing the transaction.[4] **For ammunition and ammunition related items in FSG 13 and FSC 1410, 1420, 1427, 1440, 5330, 5865, 6810, and 8140, enter the RI code of the Storage Activity preparing the transaction[3].**
Ownership/Purpose	70	When used between Components, enter ownership code of the item. When used within a Component, enter purpose code of the item.
Supply Condition	71	Enter supply condition code of the item.
Multiuse	72-80	For intra-Component use, enter data prescribed by the Component. For inter-Component use, leave blank.

The following DoD Component data is identified for rp 72-77 multiuse field:

Time	72-77	Army enters time of transaction preparation in HHMMSS Format expressed in universal time coordinate. Refer to ADC 250.
Date (Transaction Preparation)	73-75	Navy, **and ammunition systems,** enter transaction preparation date. Navy, **and ammunition ICPs,** use this date to determine the most current asset posture when more than one asset report is received within the same cycle. Refer to ADC 355 **and ADC 444.**

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[4] For Army/DLA interface, based upon mutual agreement, a DLA storage activity may prepare the DZA on behalf of the DLA ICP. The DLA ICP RI Code SMS appears in rp 67-69. (Refer to ADC 250.)

AP3. APPENDIX 3
FORMATS INTRODUCTION

Revise AP3 , paragraph AP3.3.2 as shown in *red, bold, italics*. Adds new paragraph *AP3.3.5*

AP3.1. General. The AP3 series appendices prescribe the alignment and data entries for the MILSTRAP formats.

AP3.2. Formats. MILSTRAP formats are described in appendices AP3.1 through AP3.68.

AP3.3. Special Explanation/Instruction. To prevent repeating lengthy and repetitious footnotes, explanations, and instructions, the following are provided for reference purposes and ~~will~~ *shall* be referred to in the applicable formats:

AP3.3.1. For ammunition *and ammunition related* items in Federal Supply Group 13, *and Federal Supply Classes 1410, 1420, 1427, 1440, 5330, 5865, 6810 or 8140,* quantities exceeding 99,999 may be expressed in thousands by placing an M in record position 29. Example: A quantity of 1,950,000 would be expressed as 1950M (1950 in record positions 25-28 and an M in record position 29). Quantities not evenly divisible by thousands ~~will~~ *shall* require two transactions. The first transaction ~~will~~ *shall* reflect the rounded thousands using the M modifier and the second transaction ~~will~~ *shall* reflect the residual quantity: e.g., for a quantity of 100,001, the first document ~~will~~ *shall* reflect a quantity of 0100M and the second document ~~will~~ *shall* reflect a quantity of 00001.

AP3.3.2. When reversal or cancellation of the original transaction is required, enter a reversal indicator in record position 25. *Chapter 9 provides a list of the MILSTRAP transactions that are authorized for reversal.*

~~AP3.3.2.1. MILSTRAP Transactions authorized for reversal. The following MILSTRAP transactions are authorized for reversal (the DLMS Supplements for the corresponding functionality are also authorized for reversal).~~ [**STAFFING NOTE:** THIS SECTION/TABLE WAS MOVED TO CHAPTER 9 CONSISTENT WITH AMCL 13 (reference 1.g., under development]

AP3.3.2.*1*. Reversal Indicator. In punched-card transactions, the reversal indicator was an eleven-zone over punch of the quantity digit in record position 25 of the quantity to be reversed. In non punched-card MILSTRAP 80 record position transactions, the reversal indicator is the Extended Binary Coded Decimal Interchange Code (EBCDIC) or American Standard Code for Information Interchange (ASCII) equivalent of the

punched-card entry, which is also entered in record position 25 of the reversal quantity for the 80 record position MILSTRAP transactions. NOTE: Transaction reversal under DLMS is accomplished with a negative sign in front of the quantity, accordingly the MILSTRAP reversal indicator as described below does not apply in DLMS. The EBCDIC reversal indicators are a minus sign for a blank entry, a } (closing brace) for an entry of zero, or an alphabetic J through R for an entry of 1 through 9 respectively. Since significant digits are to be preceded by zeros, the blank and minus sign indicators in record position 25 are actually invalid entries and are mentioned only to cover all possibilities. The punched card and EBCDIC reversal indicators are as follows:

QUANTITY ENTRY	RECORD POSITION 25 PUNCHED-CARD TRANSACTION ENTRY	RECORD POSITION 25 EBCDIC REVERSAL	EBCDIC REVERSAL QUANTITY ENTRY
1	11-zone and blank	- (MINUS)	- 1
00001	11-zone and 0 (zero)	}	}0001
10001	11-zone and 1	J	J0001
20001	11-zone and 2	K	K0001
39999	11-zone and 3	L	L9999
42180	11-zone and 4	M	M2180
57832	11-zone and 5	N	N7832
60000	11-zone and 6	O	O0000
78364	11-zone and 7	P	P8364
80000	11-zone and 8	Q	Q0000
99999	11-zone and 9	R	R9999

AP3.3.2.2. For ammunition, an M-modifier may be entered in record position 29 of the quantity field to denote thousands. In such cases, the quantity and reversal indicators would appear as shown in the following example for a reversal quantity of 800000:

QUANTITY ENTRY	RECORD POSITION 25 PUNCHED-CARD TRANSACTION ENTRY	RECORD POSITION 25 EBCDIC REVERSAL CHARACTER	EBCDIC REVERSAL QUANTITY ENTRY
0800M	11-zone and 0 (zero)	}	}800M

AP3.3.3. When all data elements, other than quantity, are identical and the quantity due-in or being adjusted exceeds 99,999 or 9999M (M-Modifier thousands - and residual quantities are for ammunition); or when all data elements are the same, except the condition of materiel, for materiel being received or being adjusted; assign consecutive suffix codes in record position 44 beginning with alpha code A in the initial transaction; otherwise, leave blank.

AP3.3.4. Date Indicator is a three-position field used to identify the year and month (e.g., 305 is year 2003, month of May). Date indicators refer to the last day of the month unless otherwise noted in the transaction. The Date Indicators in Special Program Requirement (SPR) transactions refer to the first day of the month as noted in the formats.

==AP3.3.5. *Exception Rule Available for Communicating Larger Quantities in Identified Transactions*. For ammunition and ammunition related items in Federal Supply Group 13, and Federal Supply Classes 1410, 1420, 1427, 1440, 5330, 5865, 6810 or 8140, exception rule for ammunition and ammunition related items: By trading partner agreement and by coordination with DLA Transaction Services, an exception rule is available for communicating larger quantities in identified transactions. This rule is only applicable when the initiating system is Defense Logistics Management System (DLMS) compliant (and supports larger quantities), and the receiving system is using legacy MILSTRAP. Under this rule, when the quantity exceeds 99,999, the DLA Transaction Services transaction conversion from DLMS to legacy format shall transmit the initial quantity using the standard configuration using the qualifier "M" in rp 29 to represent thousands, per paragraph AP3.3.1. The residual quantity from the DLMS transaction shall be transmitted separately using the original document number and original/blank suffix code. The legacy trading partner system shall be responsible for accumulating the quantities transmitted separately (rather than superseding or rejecting as duplicate transactions). Refer to ADC 441, Exception Rules to Accommodate Communication of Ammunition/Ammunition Related Quantities in Excess of Five Digits.==

AP3.4. General Guidance for Quantity, Day, and Date Entries

AP3.4.1. Quantity. Unless otherwise stated in the format explanation and instructions, quantity fields must be completely filled. If the quantity being entered does not fill the prescribed number of positions, right justify the entry and precede the significant digits with zeroes. For instance, a quantity of 55 would be entered in record positions 25-29 as 00055.

AP3.4.2. Day. The term Julian day is not recognized for data element terminology. Accordingly, all instructions covering the entry of a 3-digit day refer to the ordinal day of the calendar year. For instance, 25 February ~~will~~ *shall* be entered as 056 and 14 July would be entered as 195 or 196 in a leap year.

AP3.4.3. Date. Date entries of four positions, unless otherwise specified, consist of the last position of the calendar year and the 3-digit ordinal day of the calendar year. For instance, 25 February 2003 would be entered as 3056.

Revise DOD 4000.25-2-M, MILSTRAP Chapter 9, as being revised by Approved MILSTRAP Change Letter (AMCL) 13. AMCL 13 changes the title of Chapter 9 to read: "**REJECTION, ROUTING,** *AND REVERSAL* **OF TRANSACTIONS"**, and revise the chapter to add a **new section C9.4 (**changes are identified by *red bold italics)*:

"**C9.4. TRANSACTION REVERSAL**[1]

C9.4.1 RESERVED. (Will be addressed by Approved MILSTRAP Change Letter (AMCL) 13.)

C9.4.2. RESERVED. (Will be addressed by AMCL 13.)

C9.4.3. RESERVED. (Will be addressed by AMCL 13.)

C9.4.4. MILSTRAP transactions authorized for reversal. The following MILSTRAP transactions are authorized for reversal (the DLMS Supplements (DS) for the corresponding functionality are also authorized for reversal): **[STAFFING NOTE: This existing table was moved from the MILSTRAP AP3 Formats Introduction, to the chapter 9 Transaction Reversal section.]**

*Table C9.T1 **MILSTRAP Transactions Authorized for Reversal***

Appendix	DIC	Corresponding DS	Title of Transaction Authorized for Reversal
AP3.1	D4_	527R Receipt	Materiel Receipt – Procurement Instrument Source
AP3.2	D6_	527R Receipt	Materiel Receipt – Other Than Procurement Instrument Source
AP3.3	D7_	867I Issue	Issue
AP3.4	D8_, D9_	947I Inventory Adjustment	Adjustment – Increase or Decrease
AP3.5	D8E,D8F, D9E,D9F	947I Inventory Adjustment	Inventory Adjustment – Increase or Decrease (Logistics Transfer/Capitalization/Decapitalization)
AP3.6	D8S,D9S	947I Inventory Adjustment	Inventory Adjustment – Increase or Decrease (Ownership Transfer)
AP3.7	DA1,DA2	846F Ammunition Freeze/Unfreeze	Single Managed Conventional Ammunition Freeze/Unfreeze Action
AP3.8	DAC, DAD	947I Inventory Adjustment	Inventory Adjustment – Dual (Condition/Purpose Transfer)

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[1]*Refer to AMCL 13, Partial Reversal of Select MILSTRAP/DLMS Transactions.*

Appendix	DIC	Corresponding DS	Title of Transaction Authorized for Reversal
AP3.9	DAS	947I Inventory Adjustment	Inventory Adjustment – Dual (Ownership Transfer)
AP3.10	DD_	527D Due-In	Due-In – Procurement Instrument Source
AP3.11	DEE, DEF	846D Logistics Reassignment Transfer and Decapitalization	Logistics Transfer/Decapitalization
AP3.12	DF_	527D Due-In	Due-In – Other Than Procurement Instrument Source
AP3.13	DG_	NA	Backorder
AP3.14	DHA	867D Demand	Demand
AP3.42	DU_	527D PMR	Pre-Positioned Materiel Receipt (PMR) – Procurement Instrument Source
AP3.43	DW_	527D PMR	PMR – Other Than Procurement Instrument Source
AP3.58	DZC	846S Logistics Reassignment Storage Info Order	Logistics Reassignment Storage Information
AP3.59	DZD	846S Logistics Reassignment Storage Info Reply	Logistics Reassignment Storage Information Reply