



DEFENSE LOGISTICS AGENCY  
HEADQUARTERS  
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FORT BELVOIR, VIRGINIA 22060-6221

IN REPLY  
REFER TO

J627

May 31, 2011

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Proposed Defense Logistics Management System (DLMS) Change (PDC) 467,  
Exception Rules to Accommodate Communication of Ammunition Quantities in  
Excess of Five Digits (Supply/MILSTRIP/MILSTRAP)

We are forwarding the attached revised proposed change to DoD 4000.25-1-M, Military Standard Requisition and Issue Procedures (MILSTRIP), DOD 4000.25-2-M, Military Standard Transaction Reporting and Accountability Procedures (MILSTRAP), and DoD 4000.25-M, Defense Logistics Management System (DLMS), for evaluation and submission of a single coordinated Component position. Omission of applicable interface requirements does not relieve you of the responsibility to ensure full coordination of the proposal within your Component.

Request you review the attached proposed change and provide your comments/concurrence to the DLA Logistics Management Standards not later than **15** days from the date of this memorandum. Expedited coordination and subsequent implementation of these changes is requested to facilitate the correct posting and accounting of ammunition quantities in the Joint Services ammunition management systems. If nonconcurrence is provided, please provide an alternate method to meet the requirement being addressed.

Addressees may direct questions to Ms. Ellen Hilert, email [Ellen.Hilert@dla.mil](mailto:Ellen.Hilert@dla.mil) or Ms. Mary Jane Johnson, email [Mary.Jane.Johnson@dla.mil](mailto:Mary.Jane.Johnson@dla.mil). Others must contact their Component designated Supply PRC representative.

  
G. David Walker, Maj, USAF  
For DONALD C. PIPP  
Director  
DLA Logistics Management Standards

Attachment  
PDC 467

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

**ATTACHMENT TO PDC 467**  
**Exception Rules to Accommodate Communication of Ammunition**  
**Quantities in Excess of Five Digits**

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

- a. **Technical POC:** PEO EIS LMP, (856) 988-4878
- b. **Functional POC:** HQ JMC (JM&L LCMC), 309 782 6469

**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-M, Military Standard Requisitioning and Issue Procedures (MILSTRIP) Manual
- b. DoD 4000.25-2-M, Military Standard Transaction Reporting and Accounting Procedures (MILSTRAP) Manual
- c. DoD 5160.65-M, Single Manager for Conventional Munitions (SMCA)
- d. Draft PDC 466 (under development), Exception Rules to Accommodate Communication of Ammunition Quantities in Excess of Five Digits for Asset Status Transaction (MILSTRAP DZA/DLMS 846I) (Supply)

**4. BACKGROUND:**

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 other systems involved in the process are at both the Wholesale level (LMP – Army, Combat Ammunition System (CAS) – Air Force, Ordnance Information System – Wholesale (OIS-W) – Navy, and Ordnance Information System – Marine Corps (OIS-M) – Marine Corps) and the Retail level (Standard Ammunition Accountability System – Modernized (SAAS –MOD) – Army, Combat Ammunition System (CAS) – Air Force, Ordnance Information System – Retail (OIS-R) - Marine Corps, Navy and Coast Guard). Of these systems, LMP is DLMS compliant, and the remainder transact in DLSS 80-position legacy formats. Legacy formats for ammunition items only [Federal Supply Group (FSG) 13], authorize the user to enter an “M” in the last position of the quantity field to express in thousands any quantity exceeding 99,999. Example: A quantity of 1,950,000 would be

expressed as 1950M (e.g. 1950 in record position (rp) 25-28 and an “M” in rp 29). Translation is required to support the communication of quantities between DLMS and legacy Defense Logistics Standard System (DLSS).

**b.** OIS-M, OIS-R, OIS-W and SAAS\_MOD systems are already configured to accept multiple documents with different quantities for ammunition as additive, as opposed to updates to the statuses, which is the format which these transactions were received from CCSS, which transacted in DLSS format, prior to the migration to LMP. **Note:** *This practice is not consistent with MILSTRIP, but has been adopted by the identified systems for ammunition.* For wholesale processing, CAS does not currently update their inventory balances based on MILSTRAP transactions, but instead receives its balances from Worldwide Ammunition Reporting System – New Technology (WARS-NT). For retail processing, CAS limits customer requisitions to fewer than 99,999, eliminating the requirement for residual quantity transactions. In all cases, the same business rules have been applied in LMP and no changes to the Legacy systems are required to support this change.

**c.** There are no MILSBILLS transactions associated with this proposal for handling of large quantities for ammunition. All ammunition is provided "free issue" to the Military Services.

**d. Intent of the transaction:** Current DLA Transaction Services mapping for quantities of ammunition material in excess of 99,999 is limited to even multiples of 1,000. This greatly limits the ability for systems transacting in DLMS format to legacy systems transacting in DLSS formats.

**e. Scenario for which the transaction is used:** There are three scenarios that comprise the scope of this request: (1) requisition of SMCA items, (2) issue of non-SMCA items from Army storage depots, and (3) reporting of Adjustment transactions. The procedures are documented in reference (c), Chapter 7.

**(1)** Requisition of SMCA Items, as depicted in Figure 2, under section 5.c. below:

**(a)** Customers submit requisitions (MILSTRIP DLSS A0\_/DLMS 511R) to their Military Service ICP.

**(b)** Military Service ICPs send requisitions that are to be filled from Military Service-owned stock by a referral order (MILSTRIP DLSS A4\_/DLMS 511R) to LMP as the SMCA.

**(c)** LMP as the SMCA submits supply status (MILSTRIP DLSS AE\_/DLMS 870S) to the requisitioner.

**(d)** LMP as the SMCA selects the source and directs the shipment by issuing a Material Release Order internally to the LMP storage activity.

(e) The storage activity within LMP notifies the requiring activity of positive supply action by means of an Issue (MILSTRAP DLSS D7\_, Component unique BG1/ BG2/ DLMS 867I).

(f) LMP as the SMCA prepares a Shipment Status (MILSTRIP DLSS AS\_/DLMS 856S) to be sent to the requisitioner.

(2) Issue of non-SMCA Items from Army Storage Depot, as depicted in Figure 3, under section 5.c. below:

(a) The owning Military Service ICP prepares the Material Release Order and sends it directly to the storage activity (MILSTRIP DLSS A5\_/DLMS 940R) within LMP.

(b) The storage activity within LMP notifies the requiring activity of positive supply action by means of a Material Release Confirmation (MILSTRIP DLSS AR\_, Component Unique BG1, BG2/ DLMS 945A).

(3) Reporting of Adjustment Transactions, as depicted in Figure 4, under section 5.c. below: LMP as either the SMCA or storage activity will advise the Military Service ICP as to Inventory Adjustments (gains and losses or changes in condition) (MILSTRAP DLSS D8\_, D9\_, DAC, DAD, DAS, Component Unique BG1, BG2/ DLMS 947I).

**f. Procedures, transactions, data elements, processing details in use today** *Note: The terminology “separate supply action” used below is interpreted by the submitter to mean requiring a separate release order:*

(1) MILSTRIP DLSS A4\_/DLMS 511R and DLSS AM\_/DLMS 511M - Other Services utilize legacy systems and business processes that state that all requisitions passed to LMP that are in excess of 99,999 will be in quantities evenly divisible by 1,000. This adheres to Appendix AP2.6, Unit of Issue and Quantity, paragraph AP2.6.2. which states that if the quantity required for ammunition transactions exceeds 99,999, it may be expressed in thousands by placing an M in record position 29, and that additional requisition(s) with new document number(s) will be prepared and submitted for the remaining balance. No new DLA Transaction Services mapping changes are requested for this requirement.

(2) MILSTRIP DLSS AE\_/DLMS 870S – Based on availability of stock, despite the receipt of an evenly divisible initial requisition, residual quantities would need to be transmitted to the requisitioner. Appendix AP3.10., Supply Status (Issues from Stock), instructions for suffix state to enter suffix applicable to quantity in rp 25-29 when the requisitioned quantity is divided into separate supply actions or, when the requisition quantity is not divided, leave this field blank. The residual quantities are not the result of a separate supply action. Revised DLA Transaction Services mapping changes are requested.

(3) MILSTRIP DLSS A5\_, DZK/DLMS 940R – Material Release Orders submitted for Service managed materials follow the same business processes as for DLSS A4\_ above, and are in evenly divisible quantities. Material Release Orders processed based on receipt of a Passing Order for Army managed materials are handled entirely in LMP. Appendix AP3.12, Materiel Release Order/Follow-Up for Materiel Release Order / Lateral Redistribution Order instructions

for suffix state to enter suffix applicable to quantity in rp 25-29 when the requisitioned quantity is divided into separate supply actions or, when the requisition quantity is not divided, leave this field blank. No new DLA Transaction Services mapping changes are requested.

(4) MILSTRIP DLSS AR\_, AE6, AG\_, DZK/DLMS 945A – Both based on the availability of stock (DLSS AE\_, above) at the storage depot, and the requirement to release materials in unit pack quantities (as supported by Chapter 3, paragraphs C3.16.2.2 and C3.16.2.3 (referring to DLSS ARA and ARB, respectively)) residual quantities would need to be transmitted to the requisitioner. Appendix AP3.14, Materiel Release Confirmation instructions for the Suffix field state to enter suffix contained in rp 44 of the MRO or leave blank if no code is in rp 44 of the MRO/cancellation request. Additionally, Appendix AP2.8, Demand and Suffix Codes, paragraph AP2.8.2.7. states that “Storage and other activities responsible for processing transactions containing suffixes will always perpetuate the suffix onto related transactions which they generate.” Revised DLA Transaction Services mapping changes are requested.

(5) MILSTRIP DLSS AS\_/DLMS 856S – Based both on the availability of stock (DLSS AE\_, above) and requirement to release materials in unit pack quantities (DLSS AR\_, above), residual quantities would need to be transmitted to the requisitioner. Appendix AP3.19, Shipment Status instructions for the Suffix field state to enter suffix contained in rp 44 of the MRO or leave blank if no code is in rp 44 of the MRO / cancellation request. Revised DLA Transaction Services mapping changes are requested.

(6) MILSTRAP DLSS DD\_ (Due-In - **Procurement Instrument** Source), DW\_ (Pre-Positioned Materiel Receipt (PMR) (**Other Than Procurement Instrument** Source))/DLMS 527D - These transactions would follow the quantities identified in the DLSS AE\_ and AS\_ above. Additionally, Appendix AP3, Formats Introduction, paragraph AP3.3.1 states that Quantities not evenly divisible by thousands will require two transactions. The first transaction will reflect the rounded thousands using the M modifier and the second transaction will reflect the residual quantity. Further, paragraph AP3.3.3 states that, “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.” In these cases, the quantity would be the only value that would be different, hence two transactions, without suffix codes (or with suffix codes of the AS\_ transaction) would be required. Revised DLA Transaction Services mapping changes are requested. DLA Transaction Services mapping changes for DLMS 527D are not a requirement for Army and Joint Services ammunition at this time, but are being included in this change for consistency.

(7) MILSTRAP DLSS D7\_ (Issue), Component Unique BG1, BG2, DZK/DLMS 867I - These transactions would follow the quantities identified in the DLSS AR\_ above. Revised DLA Transaction Services mapping changes are requested, except for BG1, which by definition has a quantity of one (1).

(8) MILSTRAP DLSS D4\_ (Receipt - Procurement Instrument Source), D6\_ (Receipt – Other Than Procurement Instrument Source), DXA (Receipt Follow-up - Procurement

Instrument Source), DXB (Receipt Follow-up - Other Than Procurement Instrument Source), DXC (Reply To Receipt Follow-up - Procurement Instrument Source), DXD (Reply To Receipt Follow-up - Other Than Procurement Instrument Source). Component Unique BG1, BG2, DZK/DLMS 527R - These transactions would follow the quantities identified in the DLSS DD\_, DF\_, DU\_, or DW\_ above. DLA Transaction Services mapping changes are requested, except for BG1, which by definition has a quantity of one (1). DLA Transaction Services mapping changes for DLSS DX\_ are not a requirement for Army and Joint Services ammunition at this time, but are being included in this change for consistency.

(9) MILSTRAP DLSS Inventory Adjustment Transactions: D8\_, D9\_, DAC, DAD, DAS, Component Unique BG1, BG2, DZK/DLMS 947I – In accordance with paragraph AP3.1.3, the quantity would be only value that would be different, hence two transactions, without suffix codes would be required. Revised DLA Transaction Services mapping changes are requested, except for BG1, which by definition has a quantity of one (1).

(10) MILSTRAP DLSS DZH (Location Reconciliation Request)/DLMS 846R – Due to the quantities being reported for munitions, and to align the business rules for DZH with the other MILSTRAP formats, revised DLA Transaction Services mapping changes are requested.

(11) Note that changes for MILSTRAP DLSS DZA (Asset Status)/DLMS 846I will be addressed in separate PDC 466 (reference 3d, under development).

## 5. REQUESTED CHANGE(S):

**a. Requested change in detail:** This change proposes that DLA Transaction Services split large quantities for ammunition communicated via DLMS Transaction into two legacy 80-record position transactions without creating or changing the suffix code. The split into separate transactions is necessary because the legacy format restricts the allowable field length for quantities and does not accommodate residual quantities when using the “M” quantity multiplier described above. The Defense Automatic Addressing System (DAAS) conversion split from a single DLMS transaction into two separate 80-record position legacy transactions will result in the maximum allowable quantity on the first transaction and the residual quantity on the subsequent transaction produced with like document number/suffix. The legacy systems receiving the resulting two transactions will accumulate the identified quantities under existing unique ammunition processing rules, rather than interpreting them as duplicate or replacement transactions.

(1) Revise DLMS to DLSS mappings for DLMS 870S/DLSS AE\_; DLMS 945A/ DLSS AR\_, AE6, AG\_, DZK; DLMS 856S/ DLSS AS\_; DLMS 527D/ DLSS DD\_, DF\_, DU\_, DW\_ ; DLSS 867I/ DLSS D7\_, **BG2**, DZK; DLMS 527R/ DLSS D4\_, D6\_, DX\_, BG2, DZK; and DLMS 947I/ DLSS D8\_, D9\_, DAC, DAD, DAS, BG2, DZK. DLSS to DLMS mapping changes are not required. These changes are only applicable for the following conditions:

(a) Federal Supply Group (FSG) = 13

(b) Identified senders and recipients by DLMS IC follow. **Staffing Note to all Components:** *This change is proposed for implementation supporting only the identified Routing*

Identifier Codes (RICs) listed here. If Component preference is (1) to apply across all users for 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 must be provided in the Component response to the PDC staffing.

(1) 856S - RIC From (N1/2200 Loop: N101=Z4, N103=M4, N106=FR, N104=B14

(2) 870S - RIC From (N1/50 Loop N101=Z4, N103=M4, N106=FR, N104=B14

**Staffing Note to All Components:** *In response to the MILSTRIP Administrator's request to determine how to restrict applicability of the conversion process requiring accumulation of ammunition quantities reported supply and shipment status, the PDC submitter responded as follows:*

*"We (LMP, JM&LC, Navy and Marine Corps) have discussed this, and we do not believe that it is reasonable to restrict these transactions by recipient. The requisitioner or supplementary address are the two main addressees in the 856S and 870S, and there could be hundreds or thousands of possible activities. What they do have in common (to the best of our knowledge) is that the intended recipients of the transactions would be using ammunition specific systems (CAS, OIS-R, and SAAS-MOD) that would handle the transactions as depicted by the PDC. We further believe that the scope that has already been included in the PDC should be sufficient to adequately restrict the translation."*

*The MILSTRIP Administrator notes that the restriction for the supply and shipment status apply to the originator only, and, therefore, all supply and shipment status applicable to FSG=13 prepared by LMP using RIC B14 will be subject to DAAS conversion resulting in both the allowable MILSTRIP quantity and the separate residual quantity balance being reported on the same document number/suffix. The DLA Logistics Management Standards office cannot verify that all ammunition requisitioners are supported by the systems identified above; therefore, specific concurrence with this portion of the proposal must be noted in the Components consolidated PDC response (indicate concur/non-concur with availability of systems support for accumulation of supply and shipment status quantities).*

(3) 527D - RIC From (N1/70 Loop: N101=KA, N103=M4, N106=FR, N104=B14)

(4) 527R - RIC From: (N1/070 Loop: N101=RC, N103=M4, N106=FR, N104=B14); RIC To: (N1/210 Loop: N101=Z4, N103=M4, N106=TO, N104=MHQ, NCB, FG5, FL5, FGZ, FLZ)

(5) 867I - RIC From (N1/80 Loop: N101=SB, N103=M4, N106=FR, N194= A0W, A5R, BAD, BA7, BA9, BB1, BB2, BC2, BD2, BKD, BRD, BTD, B13, N38, B47, B51) ); RIC To (N1/50 Loop: N101=Z4, N103=M4, N106=TO, N104=MHQ, NCB, FG5, FL5, FGZ, FLZ)

(6) 947I – RIC From (N1/0400 Loop: N101=SB, N103=M4, N106=FR, N104= A0W, A5R, BAD, BA7, BA9, BB1, BB2, BC2, BD2, BKD, BRD, BTD, B13, N38, B47, B51); RIC To (N1/1100 Loop: N101=Z4, N103=M4, N106=TO, N104=MHQ, NCB, FG5, FL5, FGZ, FLZ)

(7) 945A: RIC From (N1/40 Loop: N101=SB, N103=M4, N106=FR, N104=A0W, A5R, BAD, BA7, BA9, BB1, BB2, BC2, BD2, BKD, BRD, BTD, B13, N38, B47, B51); RIC To (N1/80 Loop: N101=Z4, N103=M4, N106=TO, N104=MHQ, NCB, FG5, FL5, FGZ, FLZ)

(c) The description of the Routing Identifier Codes by purpose and system is below:

(1) Inventory Control Points:

a) 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

b) FG5, CBSG GACP Hill AFB; FGZ, Depot Storage Hill AFB; FL5, Letterkenny Munitions; FLZ, Warner Robbins Air Logistics Center (CAS)

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

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

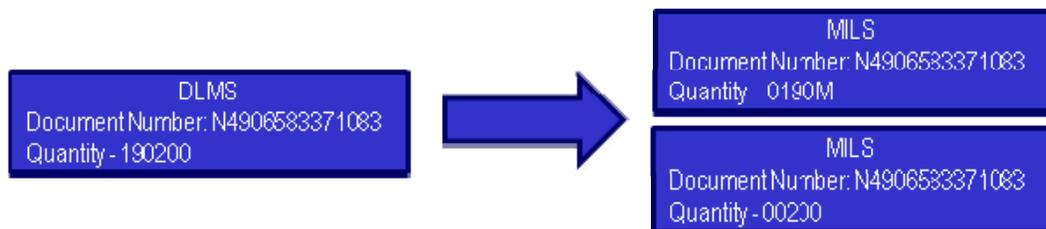
(2) Storage Activities (all LMP):

- a) A0W      Tobyhanna Army Depot
- b) A5R      Blue Grass Ammunition Depot
- c) BAD      Anniston Munitions Center
- d) BA7      Radford Army Ammunition Plant
- e) BA9      Pine Bluff Munitions Center
- f) BB1      Holston Army Ammunition Plant
- g) BB2      Crane Ammunition Depot
- h) BC2      McAlester Ammunition Plant
- i) BD2      Hawthore Ammunition Depot

- j) BKD Letterkenny Munitions Center
- k) BRD Red River Munitions Center
- l) BTD Tooele Army Depot
- m) B13 Iowa Army Ammunition Plant
- n) B38 Lake City Army Ammunition Plant
- o) B47 Blue Grass Ammunition Depot
- p) B51 Milan Army Ammunition Plant

(2) For transactions containing ammunition items in Federal Supply Group 13, where quantities exceed 99,999, perpetuate the Document Number and Suffix (if present) from the DLMS format into two DLSS transactions when the quantity is not evenly divisible by thousands. The first transaction would reflect the rounded thousands using the M modifier and the second transaction would reflect the residual quantity. All values would be identical between the two transactions with the exception of the quantity. This would also apply if a suffix code was already in use, and the suffix code would be perpetuated onto the second transaction.

(3) This is depicted in Figure 1, below.



**Figure 1: Proposed DLMS to MILS Mapping**

(4) The rationale for this change is that DLA Transaction Services currently has the capability to identify transactions with ammunition items that contain residual quantities, as evidenced by the logic to insert a decimal point to indicate that a residual quantity exists. Additionally, DLMS to DLSS mappings exist where a single DLMS message is mapped to multiple DLSS transactions. Examples include the 511R mapping to A0E and YRZ (as approved in ADC 69 and ADC 69A), and the 527R, 846R, 867I, 947I mappings to the corresponding DLSS transactions and BG1 and BG2 (as approved in ADC261 and ADC 283).

(5) **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, the DLMS

transaction will be rejected and the originator will be notified using the DLMS 824 transaction. There will no longer be any transactions passing to customers that contain a decimal point in the quantity field. The DLMS trading partner receiving the DLMS 824 rejection notice will need to research the processing capabilities of the intended recipient to determine if that activity can process MILSTRIP transactions as cumulative and should be added to the participating 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 4000.25-1-M Military Standard Requisitioning and Issue Procedures (MILSTRIP), Appendix AP2.6, Unit of Issue and Quantity to incorporate the following:

*“AP2.6.3. Exception rule for ammunition FSG 13: By trading partner agreement and by coordination with DLA Transaction Services, an exception rule is available for communicating larger quantities. This rule is only applicable when the initiating system is DLMS compliant (and supports larger quantities) and the receiving system is using legacy MILSTRIP. Under this rule, when the quantity exceeds 99,999, the DLA Transaction Services transaction conversion from DLMS to legacy format will transmit the initial quantity using the standard configuration 9999M (M-Modifier thousands). The residual quantity from the DLMS transaction will be transmitted separately using the original document number and original/blank suffix code. The legacy trading partner system will be responsible for accumulating the quantities transmitted separately (rather than superseding or rejecting as duplicate transactions).<sup>1</sup>”*

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<sup>1</sup> Refer to PDC 467, Exception Rules to Accommodate Communication of Ammunition Quantities in Excess of Five Digits

(2) Revise DoD 4000.25-1-M, Appendix AP3.1 to add the following paragraph. This will align the MILSTRIP and MILSTRAP business rules:

*“AP3.1.3. Special Explanation/Instruction.*

*AP3.1.3.1 For ammunition items in Federal Supply Group 13, 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 require two transactions. The first transaction will reflect the rounded thousands using the M modifier and the second transaction will reflect the residual quantity: e.g., for a quantity of 100,001, the first document will reflect a quantity of 0100M and the second document will reflect a quantity of 00001.*

*AP3.1.3.2. Exception rule for ammunition FSG 13: 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 DLMS compliant (and supports larger quantities) and the*

*receiving system is using legacy MILSTRIP. Under this rule, when the quantity exceeds 99,999, the DLA Transaction Services transaction conversion from DLMS to legacy format will transmit the initial quantity using the standard configuration 9999M (M-Modifier thousands). The residual quantity from the DLMS transaction will be transmitted separately using the original document number and original/blank suffix code. The legacy trading partner system will be responsible for accumulating the quantities transmitted separately (rather than superseding or rejecting as duplicate transactions).<sup>1</sup>*

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<sup>1</sup> *Refer to PDC 467, Exception Rules to Accommodate Communication of Ammunition Quantities in Excess of Five Digits”*

(3) Revise DoD 4000.25-1-M, Appendices AP3.10 Supply Status (Issues From Stock), AP3.12., Materiel Release Order/Follow-Up For Materiel Release Order/Lateral Redistribution Order , AP3.14, Materiel Release Confirmation, and AP3.19, Shipment Status to add the following footnote to the entry and instructions for Quantity:

*“See Appendix AP3.1 - Formats Introduction, Paragraph AP3.1.3.”*

(4) Revise DoD 4000.25-2-M, Appendix AP3.63, MILSTRAP DZH, Location Reconciliation Request, to add the following footnote to the entry and instructions for Quantity, to align with the other MILSTRAP formats for guidance on ammunition items in Federal Supply Group 13, quantities exceeding 99,999:

*“See Appendix AP3 - Formats Introduction, Paragraph AP3.1.3.”*

c. Proposed transaction flow:

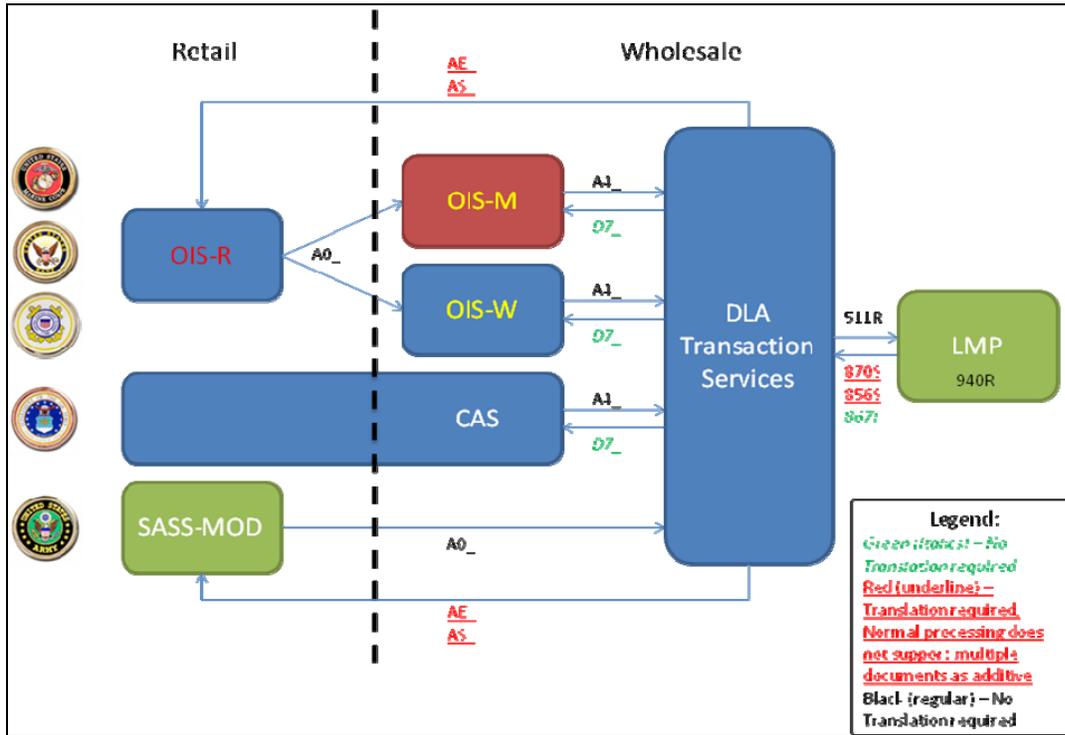


Figure 2: Requisition of SMCA Items

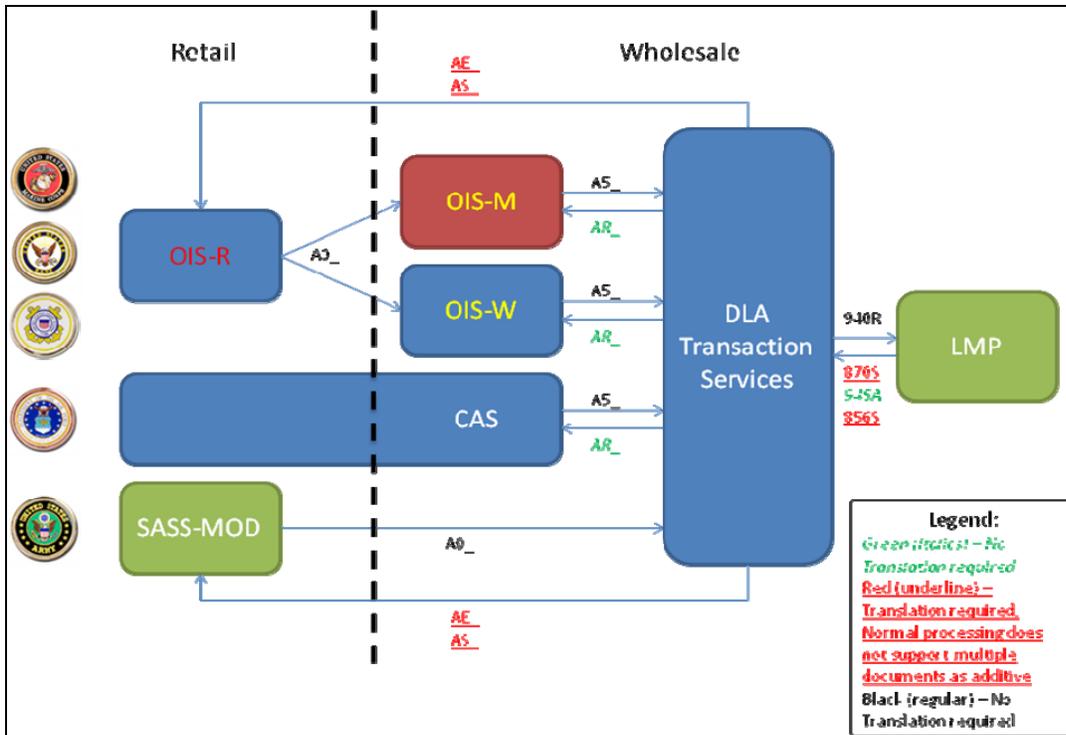


Figure 3: Requisition of Non-SMCA Items

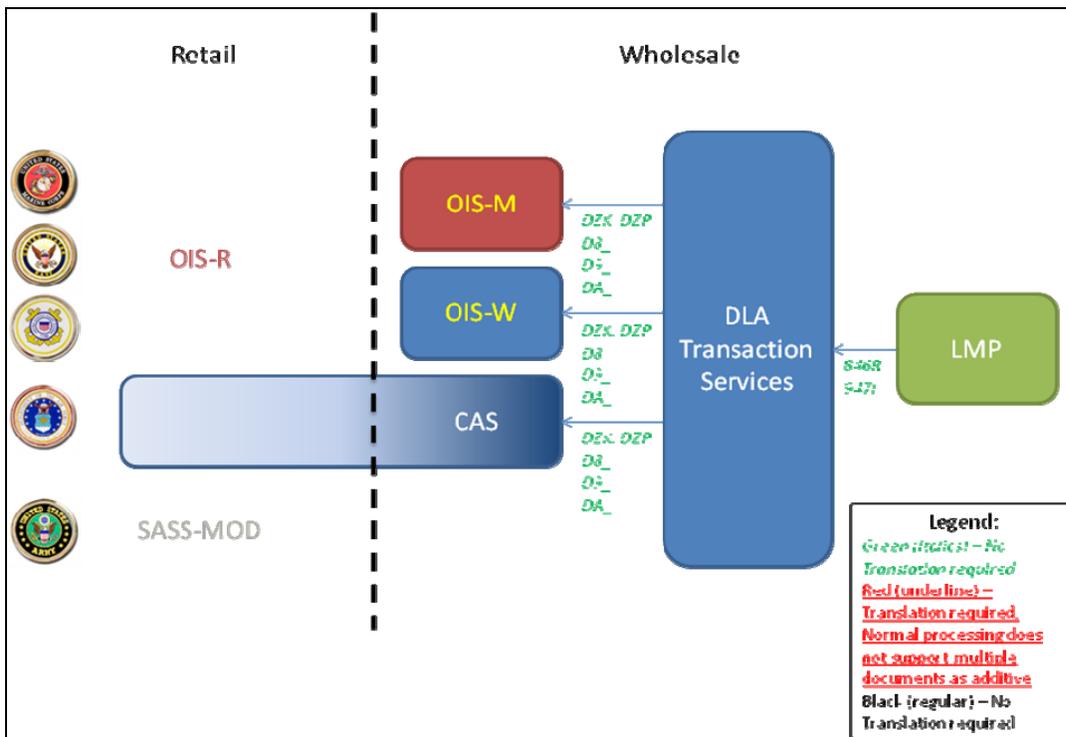


Figure 4: Reporting of Adjustment Transactions

**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 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.

**7. ADVANTAGES AND DISADVANTAGES:**

**a. Advantages (tangible/intangible)** 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 several common interfaces in LMP, and revisions to Legacy systems, which would require an as yet unknown time and cost. Lack of resolution would result in inaccurate inventory accountability balances for munitions.

**b. Disadvantages:** Extremely large scale 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 are already configured to accept multiple DLSS documents with different quantities for ammunition as additive, as opposed to updates to the statuses. **Staffing Note:** *Processing of quantities as additive is not currently authorized under MILSTRIP, but has been adopted by the systems identified above for ammunition transactions. It is not clear to this office how the receiving system determines when transaction quantities are intended to be cumulative and when a transaction matched on document number/suffix is a subsequent or duplicate transaction. Further clarification of how this process works is requested.*

**b.** DLMS compliant systems shall be required to support larger quantities in accordance with DLMS Supplements.

**c.** The identification of ammunition by FSG 13 may not be all inclusive. 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. **Staffing Note:** *Component comments may be submitted for inclusion of non-FSG 13 ammunition items identified during staffing.*

**d.** Additional 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 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. NOTE ANY REGULATIONS OR GUIDANCE:** Modify DoD 4000.25-1-M and DoD 4000.25-2-M as identified in this document.

**10. ESTIMATED TIME LINE/IMPLEMENTATION TARGET:** Implementation is requested as soon as possible to ensure ammunition inventory accountability is maintained through the Joint Services. **Staffing Note for DLA Transaction Services:** *An estimated date for implementation is requested in response to PDC staffing and subject to approval.*

**11. IMPACT:**

**a. New DLMS Data Elements:** None

**b. Changes to DLMS Data Elements:** The DLMS field length for quantity is currently defaulted to the X12 standard, which is 15 positions, where no specific alternative length has been defined (e.g., the Supply Discrepancy Report using DLMS 842A defines the quantity as 7 positions). A maximum field length should be defined based upon requirements rather than X12. **Staffing Note:** *Components are requested to provide preferences for the maximum length for the quantity field under DLMS.*

**c. Integrated Data Environment (IDE)/Global Transportation Network (GTN) Convergence (IGC).** Requires review to assess impact due to larger quantity fields in DLMS, and possibly for understanding that one DLMS transaction may equate to two legacy transactions.

**d. DLA Transaction Services:**

(1) Requires revisions to DLMS to DLSS legacy format conversion for larger quantities as specified above.

(2) DLMS to DLMS exchange of larger quantities must be supported (may impact internal transaction handling within DLA Transaction Services Micro Automated Routing System (DMARS)).

(3) WebVLIPS must support larger quantities transmitted under DLMS on summary screens.