



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
8725 JOHN J. KINGMAN ROAD
FORT BELVOIR, VIRGINIA 22060-6221

IN REPLY
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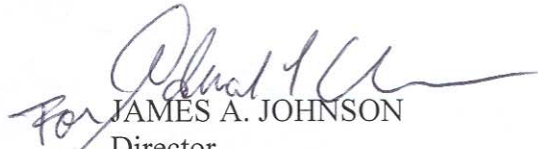
MAY 06 2005

MEMORANDUM FOR: SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved DLMS Change (ADC) 164, Revision to DLMS Supplement (DS) 846P, Physical Inventory Request, to Accommodate Functionality of End of Day Transaction Count (MILSTRAP DZM) and to Provide Transaction Clarification and Administrative Changes (Supply) (Staffed by PDC 166)

The attached change to DOD 4000.25-M, DLMS, is approved for implementation. The updated DLMS Supplement will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site (<http://www.dla.mil/j-6/dlms/ICs/Default.htm>) within 15 days from the above date for implementation planning. DLMSO will submit concurrently any necessary revisions to the governing Federal Implementation Convention to the DOD Electronic Data Interchange Standards Management Committee, and the Federal Electronic Data Interchange Standards Management Coordinating Committee, and applicable working groups.

Addressees may direct questions to the DLMSO point of contact Ms. Mary Jane Johnson, Email: Mary.Jane.Johnson@dlmso.dla.mil. Others please contact your Component designated Supply PRC representative.


JAMES A. JOHNSON
Director
Defense Logistics Management
Standards Office

Attachment

cc:
ADUSD(L)SCI
JPIWG

Attachment to ADC 164

Revision to DS 846P, Physical Inventory Request, to Accommodate Functionality of End of Day Transaction Count and to Provide Transaction Clarification and Administrative Changes (Supply)

1. ORIGINATOR:

- a. **Service/Agency:** Defense Logistics Management Standards Office (DLMSO)
- b. **Point of Contact:** Ms. Mary Jane Johnson, DLMSO/J-6251, Email: Mary.Jane.Johnson@dla.mil.
- c. **Functional Area:** Supply (MILSTRAP)

2. REQUESTED CHANGE:

a. **Title:** Revision to DS 846P, Physical Inventory Request, to Accommodate Functionality of End of Day Transaction Count (MILSTRAP DZM) and to Provide Transaction Clarification and Administrative Changes (Supply) (Staffed by PDC 166).

b. **Description of Change:** This change modifies the DLMS Supplement (DS) 846P, Physical Inventory Request to:

(1) Incorporate data elements necessary to support the functionality of MILSTRAP DI Code DZM, End of Day Accountable Transaction Count. Under this functionality, the transaction is sent by distribution depot/storage activity to owner/manager to advise owner/manager of the number of accountable (balance affecting) transactions that were forwarded during the daily course of business. Accountable transactions for this purpose are: Receipts (DS 527R with 1/BR02 code D4); Issues (DS 867I); Inventory Adjustment-Increases (DS 947I with 2/W1916 code AJ); Inventory Adjustment-Decreases (DS 947I with 2/W1916 code AD); Inventory Adjustments-Dual (DS 947I with 2/W1916 code DU). Receipts are not separated by procurement and non procurement in the DS 846P count of receipt transactions processed.

NOTE: DS 846P End of Day count deviates from MILSTRAP in that it does not provide for the storage activity to send counts of the DLMS equivalent of DI code DZ_ as the MILSTRAP Administrator does not believe DI Code DZ_ are balance affecting transactions. This requirement in MILSTRAP likely related to DI Code DZC, Logistics Reassignment (LR) Storage Information transaction (DS 846S), but the MILSTRAP Administrator believes that corresponding MILSTRAP DI Code D8E/F and D9E/F (DS 947I) would be used to effect balance changes related to logistics reassignment, not the DZC transaction itself. Under PDC 166, DLMSO asked that the Components comment if there was a need to include providing for end of day count for the DLMS equivalent of MILSTRAP DI Code DZ_ transactions, in DS 846P. DLMSO received no comments.

A single DS 846P transaction provides the end of day transaction count information formerly conveyed by several MILSTRAP DI Code DZM transactions. For example, if the depot sends an owner issue transactions, inventory adjustment increase transactions, and inventory adjustment decrease transactions, and no other balance affecting transactions were processed by the depot that day, the depot would process 4 separate DZM transactions under

MILSTRAP, one DZM to identify how many different transactions “types” were processed, in this case 3 (Issue, Inventory Adjustment Increase, and Inventory Adjustment Decrease); and three additional DZMs to provide transaction counts for each specific transaction type.

Under DLMS, the depot would process a single DS 846P transaction End of Day Transaction count (DS 846P with 1/BIA02/20 code B1) to the owner, using multiple iterations of the 2/LIN/10 loop as needed to convey all of the end of day transaction count information. One LIN loop iteration would identify how many transaction “types” were being reported and additional iterations of the LIN loop would provide the transaction count for each specific accountable transaction type reported.

(2) Clarify DS 846P transaction use associated with beginning segment (1/BIA02/20) Report Type Code DD-Distribution Inventory Report; and code TC-Physical Inventory request. Each code relates to different aspects of the functionality of MILSTRAP DI Code DJA-Physical Inventory Request as follows (this table shows all MILSTRAP DI Code functionality accommodated by DS 846P):

MILSTRAP DI Code	<u>MILSTRAP TITLE</u>	DS 846P Beginning Segment Functional Equivalent to MILSTRAP DI Code
DJA	<u>Physical Inventory Request:</u> When DJA is used as a request to initiate, follow up on, or cancel a physical inventory, BIA02 Code TC applies.	1/BIA02/ 020 Report Type Code ‘TC’ - Physical Inventory Request
	When DJA is used as a response to the request cited above (without inventory balances), BIA02 Code DD applies. Use as a response relates to DJA with rp 72 Management Codes R (No record of stock number or no record of ownership); S (Physical inventory in workload bank or in process; and Y (Response to follow-up when inventory already complete).	1/BIA02/ 020 Report Type Code ‘DD’ - Distributor Inventory Report
DZJ	<u>Transaction History Request</u>	1/BIA02/ 020 Report Type Code ‘TF’ - Transaction History Request
DZM	<u>End of Day Transaction Count</u>	1/BIA02/020 Report Type Code ‘B1’ - Batch Report

c. Procedures:

(1) **DOD 4000.25.M.** Make the following revision to DoD 4000.25-M, DLMS, Volume 2 Supply, Chapter 6 (Physical Inventory Control), paragraph C6.2.6.2, (change is identified by ***bold, italicized text***) (**NOTE:** This also makes an administrative correction to paragraph C6.2.6.2 to change “asset status” to “location reconciliation request”):

C6.2.6.2. Preparing ~~Asset Status Location Reconciliation and End of Day Accountable Transaction Count~~. Storage activities shall prepare ***asset status location reconciliation request*** transactions (***DS to Federal IC 846R***) by line-item (stock number + supply condition code = line item), type of pack, and date packed/expiration date for subsistence, for each record transaction affecting the balance (including zero balance), and for no physical inventory adjustment required (DS to Federal IC 947I, Inventory Adjustment, with zero quantity). ***The storage activity shall also submit an End of Day Accountable Transaction Count (DS to Federal IC 846P) to advise the owner/manager of the number of balance affecting transactions that were forwarded during the daily course of business. This End of Day count transaction is compared to the actual number of transactions received by the owner/manager to identify missing transactions and aid in unreconciled balance (URB) research. The five accountable transaction types for which the storage activity shall provide the owner/manager end of day transaction counts using a single DS 846P are as follows:***

Receipts (DS 527R with 1/BR02 Transaction Type Code D4);

Issues (DS 867I);

Inventory Adjustment-Increases (DS 947I with 2/W1916 Inventory Transaction Type Code AJ);

Inventory Adjustment-Decreases (DS 947I with 2/W1916 Inventory Transaction Type Code AD);

Inventory Adjustments-Dual (DS 947I with 2/W1916 Inventory Transaction Type Code DU)

(2) **DS 846P.** Make the following revisions to DS 84P Physical Inventory Request (**NOTE: no comments were received to PDC 166 which staffed these changes**):

#	Location	DS 846P Revision	Reason	Federal IC Impact
1	DLMS Introductory Notes	Revise DLMS note 1 to add two new sentences at the end as follows: “...Distribution depots/storage activities also use this transaction set to provide the owner/manager End of Day processing accountable transaction count. This transaction encompasses the functionality of MILSTRAP Document Identifier (DI) Codes DJA, DZJ, and DZM.	The functionality of DI Code DZM, End of Day Transaction Count, is being added to DS 846P by this change.	No impact.

#	Location	DS 846P Revision	Reason	Federal IC Impact
2	DLMS Introductory Notes	<p>Revise DLMS note 2 as follows:</p> <p><i>2. Use a single occurrence of this transaction set to exchange transactions between a single owner/manager and a single or multiple distribution depots/storage activities, or between a single distribution depot/storage activity and a single or multiple owners/managers. For use as an end of day transaction count, depot/storage activity sends a single occurrence of this transaction to a single owner/manager.</i></p>	The functionality of DI Code DZM, End of Day Transaction Count, is being added to DS 846P by this change.	No impact.
3	DLMS Introductory Notes	<p>Revise DLMS note 5 to add:</p> <p>-ADC 164, Revision to DLMS Supplement 846P, Physical Inventory Request, to Accommodate Functionality of End of Day Transaction Count (MILSTRAP DZM) and to Provide Transaction Clarification and Administrative Changes (Supply)</p>	Identifies DLMS Changes included in DLMS Supplement.	No Impact.
4	1/BIA02/20	<p><u>Add new code B1 and DLMS note:</u></p> <p>B1 - Batch Report</p> <p>DLMS Note:</p> <p>1. Use to provide end of day accountable transaction count information. (MILSTRAP DI Code DZM functionality).</p> <p>2. Sent by distribution depot/storage activity to owner/manager to advise owner/manager of the number of accountable (balance affecting) transactions that were forwarded during the daily course of business. Only the following qualify as accountable transactions for this purpose: <u>Receipts</u> (DS 527R with 1/BR02 code D4); <u>Issues</u> (DS 867I); <u>Inventory Adjustment-Increases</u> (DS 947I with 2/W1916 code AJ); <u>Inventory Adjustment-Decreases</u> (DS 947I with 2/W1916 code AD); <u>Inventory Adjustments-Dual</u> (DS 947I with 2/W1916 code DU).</p>	Identifies End of Day Accountable Transaction Count transaction.	Revision required.

#	Location	DS 846P Revision	Reason	Federal IC Impact
5	1/BIA02/20	<p><u>Revise DLMS notes for existing codes DD, TC, and TF as follows:</u></p> <p>DD Distribution Inventory Report DLMS Note: <i>Use to identify a response to a physical inventory request transaction (does not include asset balances). From distribution depot/storage activity to owner/manager. (MILSTRAP DI Code DJA functionality when used as a response.)</i></p> <p>TC Physical Inventory Request DLMS Note: <i>Use to identify a physical inventory request. From owner/manager to initiate, follow up on, or cancel a physical inventory. From distribution depot/storage activity to initiate or cancel a physical inventory. (MILSTRAP DI Code DJA functionality.)</i></p> <p>TF Transaction History Request DLMS Note: <i>Use to identify a transaction history request. (MILSTRAP DI Code DZJ functionality.)</i></p>	Provides clarification of use for Report Type Codes DD, TC, and TF.	No impact.
6	2/LIN/10	<p><u>Add segment level DLMS note 2:</u></p> <p>DLMS note 2. For End of Day Transaction count (1/BIA02/20 code B1), repeat the LIN loop as needed to provide the transaction number and accountable transaction count information. Use one iteration to identify the number of different transaction “types” being reported. Use additional iterations as needed to provide transaction counts for the specific transaction types.</p>	To provide guidance for use as an End of Day Transaction Count.	No impact.
7	2/LIN02/10	<p><u>Add Federal note:</u></p> <p>Use any code.</p>	Administrative update. The DS identifies specific codes used.	Revision required.

#	Location	DS 846P Revision	Reason	Federal IC Impact
8	2/LIN02/10	<p><u>Revise DLMS note 1 and add a new DLMS note 2:</u></p> <p>1. For 1/BIA02/20 codes DD, TC, and TF, use only one of codes A1, A2, A4, FB, FS, MG, YP, or ZZ to identify the item of inventory. Must use National Stock Number (NSN) when known except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.</p> <p>2. For 1/BIA02/20 code B1, only use ZZ.</p> <p>3. For DLMS use, only the following codes are authorized.</p>	Administrative update for consistency with other DS and to provide clarification.	No impact.
9	2/LIN02/10	<p><u>Add code ZZ and DLMS note:</u></p> <p>ZZ - Mutually Defined</p> <p>DLMS Note:</p> <p>1. Dual use:</p> <p><i>For 1/BIA02/20 codes DD, TC, and TF, use to identify nonstandard material when all other authorized codes do not apply or cannot be determined (includes management control numbers and locally assigned control numbers). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code. DLMS enhancement, see introductory DLMS note 4.a.</i></p> <p><i>For 1/BIA02/20 code B1 End of Day accountable transaction count transactions, must use to comply with ANSI syntax requirements. Indicate ZZ in LIN03.</i></p>	<p>Satisfies X12 requirements for end of day accountable transaction count transactions.</p> <p>For other transaction types, provides an administrative Update for materiel identification for consistency with other DS.</p>	No impact.
10	2/LIN02/10	<u>Delete the DLMS note from code FS.</u>	Use of NSN is covered by the DLMS note 1 at LIN02 Ref ID level.	No impact.

#	Location	DS 846P Revision	Reason	Federal IC Impact
11	2/LIN02/10	<p><u>Add the following as DLMS note 2 to codes A1, A2, F4, FB, MN, SN, and YP.</u></p> <p>DLMS Note 2: <i>DLMS enhancement. See introductory DLMS note 4.a.</i></p>	Administrative update.	No impact.
12	2/LIN04/10	<p><u>Add the following as DLMS note 2.</u></p> <p>DLMS Note 2: <i>DLMS enhancement. See introductory DLMS note 4.a.</i></p>	Administrative update.	No impact.
13	2/DTM/100	<p><u>Add DLMS segment level note 2:</u></p> <p><i>2. Do not use with End of Day Accountable Transaction Count transactions (1/BIA02/20 code B1)</i></p>	Clarification.	No impact.
14	2/REF/140	<p><u>Add segment level DLMS note 2 as follows:</u></p> <p>2. For End of Day Accountable Transaction Counts (1/BIA02/20 code B1) use to cite the accountable transaction count information:</p>	To identify segment use.	No impact.
15	2/REF01/140	<p><u>Add code FI and DLMS note:</u></p> <p>Add code FI - File Indicator</p> <p>DLMS Note: Use with 1/BIA02/20 code B1. Use to indicate that the number of different types of accountable transactions is being reported in 2/QTY01-02/320. Enter "1" in REF02 for this purpose.</p>	Identifies type of end of day accountable count transaction.	No impact.

#	Location	DS 846P Revision	Reason	Federal IC Impact
16	2/REF01/140	<p><u>Add code 8X and DLMS note</u></p> <p>8X - Transaction Category or Type</p> <p>DLMS Note: Use to identify the specific transaction types for which transaction counts are being provided in 2/QTY/320 (i.e., receipt, issue, inventory adjustment increase, inventory adjustment decrease, inventory adjustment dual.)</p> <p>For <u>Receipts</u> (DS 527R with 1/BR02 code D4); <u>Issues</u> (DS 867I); <u>Inventory Adjustment-Increases</u> (DS 947I with 2/W1916 code AJ); <u>Inventory Adjustment-Decreases</u> (DS 947I with 2/W1916 code AD); <u>Inventory Adjustments-Dual</u> (DS 947I with 2/W1916 code DU), cite the appropriate code in REF02 as follows:</p> <p>For Receipts, cite 527R in REF02.</p> <p>For Issues, cite 867I in REF02.</p> <p>For Inventory Adjustment Increases, cite 947IAJ in REF02.</p> <p>For Inventory Adjustment Decreases, cite 947IAD in REF02.</p> <p>For Inventory Adjustments Dual, cite 947I DU in REF02.</p>	Indicates the “type” of the balance affecting transaction.	No impact.
17	2/REF01/140	<p><u>Add DLMS note to code TN</u></p> <p>TN Transaction Reference Number</p> <p>DLMS Note: <i>DLMS enhancement. See introductory DLMS note 4.a.</i></p>	<p>Administrative update to identify a DLMS enhancement.</p> <p>Transaction number (i.e, document number) is not used in the corresponding MILSTRAP transactions (DI Codes DJA, DZJ, DZM).</p>	No impact.
18	2/QTY/320	<p><u>Delete Federal segment note.</u></p>	Administrative update.	Revision required.

#	Location	DS 846P Revision	Reason	Federal IC Impact
19	2/QTY01/320	<p><u>Add code 46 and DLMS note:</u></p> <p>46 -Total Transactions</p> <p>DLMS Note: Use with BIA02 code B1 End of Day transaction count and 2/REF01 code FI to indicate the total number of balance affecting transaction types being reported in this transaction. For the purpose of this transaction there are 5 possible transaction types for which end of day counts can be reported (receipts, issues, inventory adjustment increases, inventory adjustment decreases, and inventory adjustment dual.)</p>	Identifies total number of balance affecting transaction types.	No impact.
20	2/QTY01/320	<p><u>Add code TT and DLMS note:</u></p> <p>TT -Total Production Volume and DLMS</p> <p>DLMS Note: Use with BIA02 code B1 End of Day count to indicate the daily volume of balance affecting transactions applicable to the transaction category/type identified in 2/REF01/140 code 8X (e.g. if 36 receipt transactions are being reported, REF01 = 8X; REF02 = 527R; QTY01 = TT; QTY02 = 36.)</p>	Identifies daily volume of balance affecting transactions.	No impact.
21	2/QTY01/320	<p><u>Revise DLMS note for UU as follows:</u></p> <p>UU Used</p> <p>DLMS note: <i>For BIA02 codes DD, TC, and DF</i>, use to comply with X12 syntax requirements. <i>Cite "1" in QTY02. Do not use with BIA02 code B1.</i></p>	Administrative update to clarify code use.	No impact.
22	2/QTY02	<u>Delete Federal note.</u>	Use of QTY02 is explained in associated QTY01 codes.	Revision required.

4. REASON FOR CHANGE: This change supports component-level DLMS implementation by incorporating MILSTRAP DI Code DZM, End of Day Transaction Count, functionality in DLMS. This change also provides transaction clarification and administrative updates.

5. ADVANTAGES AND DISADVANTAGES:

- a. **Advantages:** Supports DLMS implementation.
- b. **Disadvantages:** None identified.

6. IMPACT:

a. Data Content/Procedures: Component systems must incorporate DS 846P End of Day Accountable Transaction Count capability.

b. Publication(s): DLMS manual; DLMS Supplement and corresponding Federal IC.

c. DAASC Maps. DAASC maps must be revised to incorporate DZM End of Day functionality in DS 846P. DAASC maps may need to be updated to reflect the intended use of 1/BIA02/20 code DD, if not already documented.

MILSTRAP DI Code DZM data maps to DS 846P as shown in the following table:

<u>DZM FIELD</u>	<u>DZM RP</u>	<u>DZM EXPLANATION</u>	<u>Corresponding DS 846P Data Location</u>
Document Identifier	1-3	Enter DI Code DZM.	1/BIA02/020 code B1 equates to DZM
Routing Identifier (TO)	4-6	Enter RI code identifying the owner/manager to which the transaction is being forwarded.	2/N101/450 = Z4 2/N103/450 = M4 (RIC) 2/N104/450 = RIC Value 2/N105/450 = TO
Type of Accountable Transaction Count	7	Enter 1 to identify the number of transactions included in this transmission. <u>or</u> Enter 2 to identify the individual balance affecting transaction.	2/REF01/140 code F1 2/REF02/140 = 1 Eliminated by intent. The presence of 2/REF01/140 code 8X, and 2/QTY01 code TT indicates that information is being provided for individual balance affecting transactions.
Blank	8-27	Leave blank.	-----

<u>DZM FIELD</u>	<u>DZM RP</u>	<u>DZM EXPLANATION</u>	<u>Corresponding DS 846P Data Location</u>
Accountable Transaction DI Code	28-29	Enter the first two positions of the balance affecting transactions (D4, D6, D7, D8, D9, DA, DZ*). Leave blank if record position 7 is equal to 1. *No provision was made to provide end of day count for "DZ" transactions in DLMS (DS 846P). See paragraph 2.b(1) in this attachment.	2/REF01/140 = 8X Transaction Category or Type 2/REF02/140 = value For <u>Receipts</u> (DS 527R with 1/BR02 code D4); <u>Issues</u> (DS 867I); <u>Inventory Adjustment-Increases</u> (DS 947I with 2/W1916 code AJ); <u>Inventory Adjustment-Decreases</u> (DS 947I with 2/W1916 code AD); <u>Inventory Adjustments-Dual</u> (DS 947I with 2/W1916 code DU), cite the appropriate code in REF02 as follows: Receipts: REF02 = 527R Issues: REF02 = 867I Inventory Adjustment Increases: REF02 = 947IAJ Inventory Adjustment Decreases: REF02 = 947IAD Inventory Adjustments Dual: REF02 = 947I DU
Accountable Transaction Count	30	Enter the number of transactions included in this transmission. Leave blank if record position 7 is equal to 2.	2/QTY01/320 = 46 2/QTY02/320 = value
Blank	31-37	Leave blank.	-----
Number of Balance Affecting Transactions	38-43	Enter the daily volume of balance affecting transactions applicable to the reported DI code in record position 28-29. Leave blank if record position 7 is equal to 1.	2/QTY01/320 = TT 2/QTY02/320 = value
Blank	44-66	Leave blank.	-----
Routing Identifier (FROM)	67-69	Enter the RI code identifying the storage activity preparing the transaction.	1/N101/80 = SB 1/N103/80 = M4 (RIC) 1/N104/80 = RIC Value 1/N106/80 = FR
Date (Transaction)	70-73	Enter the ordinal day on which the transaction took place.	1/BIA04/20
Blank	74-80	Leave blank.	-----