

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

March 6, 2007

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 229, Material Processing Center (MPC) Material Receipt and Delivery Supply Status (Supply) (Staffed as PDC 254)

The attached change to DOD 4000.25-M, DLMS, is approved for implementation. A phased implementation within the Distribution Standard System (DSS) is planned to begin March 26, 2007. The DAAS implementation date for transaction conversion must coincide with the DSS release date.

The updated DLMS Supplement will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site http://www.dla.mil/j-6/dlmso/elibrary/TransFormats/formats.asp within 10 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.

Addressees may direct questions to the DLMSO points of contact, Ms. Ellen Hilert, Chair, Supply Process Review Committee, 703-767-0676, DSN 427-0676, or e-mail: ellen.hilert@dla.mil, or Mr. Robert Hammond, 703-767-2117, DSN 427-2117 or e-mail: robert.hammond@dla.mil. Others must contact their Component designated representative.

DONALD C. PIPP

Director

Defense Logistics Management

Standards Office

Attachment

cc:

DUSD (L&MR) SCI

ADC 229

Material Processing Center (MPC) Material Receipt and Delivery Supply Status

1. ORIGINATOR:

- a. Service/Agency: Defense Distribution Center (DDC), Defense Logistics Agency (DLA)
- **b. Originator:** Mr. David M. Olenick, DSN 771-5186 / COMM 717-770-5186: or e-mail: Dave.Olenick@dla.mil
- 2. FUNCTIONAL AREA: Primary: Supply

3. REQUESTED CHANGE:

- **a. Title:** MPC Material Receipt and Delivery Supply Status
- **b. Description of Change:** This change establishes procedures for preparation of supply status transactions (DLMS 870S, equivalent of MILSTRIP Document Identifier AE8) by the Distribution Standard System (DSS) upon MPC receipt or delivery of material. This supply status provides notification to the Navy ship/customer and other status recipients for tracking material and for performance metrics. This change adapts a currently-used Navy-unique process for inter-Navy-Defense Distribution Center (DDC) use under DLMS. Revisions identified after staffing are identified by yellow highlight.

c. General Procedures:

- (1) An 870S transaction from DSS with status code of "NL" will be created at the time of material receipt in the MPC, to include receipt date/time, and sent to DAAS. DAAS will re-format to AE_ transactions that the Navy/ships receive today from the Navy Logistics Customer Asset Visibility (LCAV).
- (2) An 870S transaction from DSS with "NW" status will be created when signature delivery has been posted in DSS, to include date/time, and sent to DAAS. DAAS will re-format to AE_ transactions that the Navy/ships receive today from LCAV. (DAAS will convert the NW to BA status pending Navy program changes to accept the new status code.)

d. Background:

- (1) Today, the DDC-operated MPCs support the Navy by working with the ships to identify material sortation requirements so that when material is received, it is pre-sorted to the ships request so once on board, the material can be delivered to the various store rooms or other areas to be placed on the shelf. This takes the time-consuming sortation burden of the work off the sailor.
- (2) In this process, the DDC uses the Navy LCAV web-based system for this process. LCAV is used to scan in a document or manually enter in a document to show material has arrived in the MPC. LCAV creates an AE1 transaction with NL status code, sent out every 15 minutes to DAAS, to pass to the ship/customer. This AE1 provides system notification the material has arrived at the MPC.

- (3) After material has been sorted and consolidated, the sorted material will be manifest and delivered to the ship/customer based on pre-determined delivery schedules or based on the ship/customer calling for a delivery of his material. Material is manifested in LCAV with a date and time, the manifest produced, and then taken to the ship/customer. After the manifest has been signed, the MPC person comes back and places in LCAV the actual date and time and POD name, thus closing out the manifest. When this is done, every 15 minutes, LCAV sends out another AE1 on each document number that was on the manifest(s) with BA status code for DAASC to pass to the ship/customer. This AE1 provides system notification the material was delivered to the ship.
- (4) The Navy uses AE1 with NL and BA status for performance measurement and material visibility.

e. Detailed Procedure Revisions:

(1) **Status Codes.** Revise DLMS/MILSTRIP Appendix 2.16, Supply Status, to include the following codes. Supply Status NL is currently used by the Navy and will be adopted for inter-Navy/DDC use. Supply Status NW is a new code replacing the BA status currently used by the Navy for MPC delivery.

<u>Code</u> <u>Explanation</u>¹

NL Item received by the Logistics Support Center (LSC)/ Material Processing Center (MPC) (MILSTRIP rp 4-6). Contact local LSC/MPC for delivery.

NW Item delivered by the MPC (MILSTRIP rp 4-6).

(2) Transaction Formats/DAAS Conversion Mapping:

- (a) There is a DLMS requirement to identify the organization sending the transaction. For this exchange, the originating organization will be identified by the routing identifier (RI) of the Distribution Depot (DD). An additional DLMS qualifier SB, Storage Area, will be established in the 870S header for this purpose. The DD is not shown in the AE_ format, so DAAS maps will only use the MPC RIC for conversion purposes. A new DLMS qualifier WD, Storage Facility at Destination, will be established in the 870S detail for this purpose. This RI will be mapped by DAAS into the AE_ RI-From (rp 4-6) and RI at 67-69. The MPC RI will not be carried twice in the DLMS format as it is in the LCAV AE1 format.
- **(b)** DAAS will use standard MILS/DLMS distribution rules for distribution of the supply status to eligible status recipients.
 - (c) DLMS Supplement revisions are identified at Enclosure 1.
 - (d) DAAS mapping revisions are identified at Enclosure 2.
 - (e) Examples of current AE1 and approved 870S formats are provided at Enclosure 4.
 - (f) DLMS Vol 2, Chapter 5, revisions are provided at Enclosure 5.

¹ Record positions will not be included in the DLMS dictionary definition.

- (g) MILSTRIP Appendix 3.10 revisions are provided at Enclosure 6.
- (3) Routing Identifier Code/DODAAC Files. The Navy will update the clear text address associated with the MPC in the DAASC Routing Identifier Table/DODAAC Table to identify the location to the DDC.
 - (a) MPCs applicable to this process are identified at Enclosure 3.
- **(b)** Enclosure 3 also shows an example of an MPC clear text name which should be identified the DDC/DD (currently shows only Navy FISC).
- **4. REASON FOR CHANGE:** DDC is replacing Navy Logistics Customer Asset Visibility (LCAV) web-based system that supports the MPCs with DSS MPC functionality to improve systems processing and operational efficiencies. DSS today does not provide supply status transactions. This change authorized the MPC using DSS to create DLMS compliant supply status using the 870S and Supply Status NL or NW.

5. ADVANTAGES AND DISADVANTAGES:

a. Advantages:

- (1) The 870S transactions will provide the ability to track MPC material receipt and delivery and Logistics Response Time (LRT) performance. The addition of date/time will provide a DLMS enhancement for future use. Also, as this and additional MPC functionality is incorporated in DSS, DSS will replace in total the Navy LCAV system, thereby allowing the Navy to discontinue LCAV systems and operational support costs. The use of NW vice BA allows for systematic association with the MPC function vice the standard supply status usage. However, since the Navy cannot accept the NW until RSupply Viking Release due in late 2007, DAAS will convert to the current BA status during the interim.
- (2) This change will permit the DDC to support the MPC migration to DSS under DLMS as a near-term implementation requirement. It is understood that the process may evolve as unresolved issues identified in paragraph 6.b. below are explored.
 - b. Disadvantages: None identified.

6. IMPACT:

- **a. Data Content/Procedures**: This change will require changes to the following:
 - (1) Distribution Standard System (DSS)
- (2) DLMS/MILSTRIP to accommodate the new Status Codes and to the 870S format; and MPC procedures
 - (3) Navy applications to process the new Supply Status NW
- (4) DAAS should update WebVLIPS to include identification of the MPC Routing Identifier (not required for initial implementation).

- (5) Logistics Response Time (LRT)/Customer Wait Time (CWT)
- (6) Asset Visibility applications, e.g. GTN and TAV/IDE
- **b.** Unresolved Issues: The issues below are identified for continued discussion and exploration. By agreement, the above changes will be pursued for late-March 2007 implementation rather than delay until all issues can be resolved. Full resolution may ultimately require significant reengineering of some aspects of the process.
- (1) Material Accountability: With DLA/DDC performing the MPC function for the Navy and temporarily holding the material before delivery, there are concerns regarding material accountability which must be explored. The MPC function is currently considered to be outside DOD 4140.1-R, DOD Materiel Management Regulation, business rules which require that the storage activity maintain materiel accountability for assets in their custody. MILSTRAP/DLMS procedures which ensure that the storage activity maintains the property accountability record for all materiel in storage and is responsible, as a minimum, for materiel custody, care, receipt, storage, and issue, are bypassed under the current MPC function.
- (2) Material Receipt Acknowledgement (MRA). DLMSO is concerned that the delay for posting of the accountable receipt for material held by the MPC, is perpetuated to delays in preparation of the MRA which is a DOD requirement for material shipped from wholesale supply sources. The MRA may become an important requirement for timely payment of vendors.
- (3) Acceptance Report under Wide Area Work Flow-Receipt and Acceptance (WAWF-RA). DLMSO is also concerned that the delay for true receipt processing of the material held by the MPC is also perpetuated to the preparation of the Acceptance Report. The Acceptance Report is required for FOB destination shipments from vendors in order to properly process the vendor's invoice.

c. Publication:

- (1) This change will impact DOD 4000.25-M and implementing instructions.
- (2) NAVSUP P-409, MILSTRIP/MILSTRAP Desk Guide, should be updated to include Supply Status NW.

Enclosures

Enclosure 1, DLMS Supplement (DS) 870S, Supply Status, Revisions

#	Location	Revision	Reason
1.	1/BSR01 at position 20 Code 4	Revise note: Response to Requisition DLMS Note: Use to indicate normal requisition supply status.	Administrative correction
2.	1/N101 at position 50	Add the following qualifier and DLMS note: SB Storage Area 1. Use to identify the distribution depot generating the supply status. 2 Used when providing Material Processing Center (MPC) status.	Allows for required identification of the organization generating the status transaction.
3.	2/N101 at position 90	Add the following qualifier and DLMS note: WD Storage Facility at Destination DLMS Note: Use to identify the Material Processing Center (MPC).	Allows for identification of the MPC. The presence of this unique qualifier will allow for proper interpretation of the transaction as MPC status.
4.	2/DTM01 at position 240	Add the following qualifiers and DLMS notes: 050 Received DLMS Note: Use with Status Code NL to identify the date material is received at the Material Processing Center (MPC) for temporary storage pending delivery to the Navy vessel. 035 Delivered DLMS Note: Use with Status Code NW to identify the date material is delivered from the Material Processing Center (MPC) to the Navy vessel (signature date).	Allows for identification of the dates provided on the MPC status transactions.
5.	2/DTM03 at position 240	Open the time date element and add the DLMS notes: DLMS Note: 1. Use when providing MPC receipt or delivery status to provide the associated time. 2. Express the originating activity's time in UTC. 3. Express time in a four-position (HHMM) format.	Allows for identification of the time associated with the MPC receipt or delivery of material using universal time coordinate (zulu time). This time may differ from the time transaction is generated.

Enclosure 2, DAAS Map Revisions

Field Name	Record	S Map Revisions Conditions	DLMS Data Element	Table
	Position (DLSS)			
Gateway Provider	4-6	If RP 4-6 = SGA or SHA	N101=GP N103=M4 N104=SGA N106=FR	1
Management Control Activity	4-6	If RP1-2=AB or AE If RP 4-6=A81, A82, A83, A84, A85, A86, A87, A88, F2M, F4M, F6M, F7M, F8M, FFF, FG6, FH6, FL6, S5C, S5E, S5F, S5G, S5I, S5M, S5T, S5V, MPM, HG2, HG3, HG4, or HDN	N101=Z5 N103=M4 N104=RP4-6 N106=FR	1
Monitoring Party	4-6	If RP1-2=AB or AE If RP 4-6 = FNH, BY7, or N65	N101=ZS N103=M4 N104=RP4-6 N106=FR	1
Owning Inventory Control Point	4-6	If RP1-2=AB or AE	N101=Z4 N103=M4 N104=RP 4-6 N106=FR	1
Distribution Depot		DLMS only if MPC Supply Status (870S and MPC identified at 2/N101=WD) Note: The DLMS format will show the standard DSS depot routing identifier as originating the transaction in the 1/N101, qualifier SB. For conversion, the AE_format will show the MPC routing identifier in both 4-6 and 67-69.	N101=SB N103=M4 N106=FR	<u>1</u> 2
Last Known Source of	67-69	If RP1-2=AE and RP67-69≠Blanks	N101=Z8 N103=M4	2
Supply Material Processing Center	<mark>4-6</mark> 67-69	If MPC Supply Status (870S and MPC identified at 2/N101=WD) Note: The DLMS format will show the standard DSS depot routing identifier as originating the transaction in the 1/N101, qualifier SB. For conversion, the AE_format will show the MPC routing identifier in both 4-6 and 67-69.	N104=RP 67-69 N101= WD N103=M4 N104=RP 4-6 and 67-69	2
Status Code	65-66	If RP1-2=AE If MPC Supply Status and LQ02=BW convert to RP 65-66=BA (temporary requirement pending Navy implementation of BW)	LQ01=81 LQ02=RP 65-66	2
Estimated Shipment Date	70-73	If RP1-2=AE RP70-73 (Function YDDD2CCDAT)	DTM01=369 DTM02=()CCYYMMD D	2
Received at MPC Date	70-73	If MPC Supply Status (870S and MPC identified at 2/N101=WD) RP70-73 (Function YDDD2CCDAT)	DTM01=50 DTM02=()CCYYMMDD	2
Delivered by MPC Date	70-73	If MPC Supply Status (870S and MPC identified at 2/N101=WD) RP70-73 (Function YDDD2CCDAT)	DTM01=035 DTM02=()CCYYMMDD	2
Received at	N/A	DLMS only	DTM01=50	2

² Table 1 (vice Table 2) corrected subsequent to publication of the ADC.

MPC Time			<i>DTM03=()HHMM</i>	
Delivered by	N/A	DLMS only	DTM01=035	2
MPC Time			<i>DTM03=()HHMM</i>	

Enclosure 3, DDC MPC List

	MPC NAME	MPC CODE	MPC RIC	MPC UIC
DLA	Jacksonville (Mayport) - DDJF	04A	PSU	69267
DLA	Norfolk-DDNV	01E	PSJ	69262
DLA	Pearl Harbor-DDPH	05A	PSY	69270
DLA	Puget Sound-DDPW	03A	PSN	69264
DLA	San Diego-DDDC	02A	PSK	69263
DLA	Yokosuka-DDYJ	06A	PSL	4357A
DLA	Yokosuka-Sasebo - DDYJ	06C	PSM	4358A
DLA	Yokosuka-Guam	06F	SCN	B3105

Example of clear text name:

PSU is currently identified as the FISC on the DAAS Routing Identifier Query. The Navy should update MPC address information to associate the MPC with the DDC.

FLEET AND INDUSTRIAL SUPPLY CENTER DET **MATERIAL PROCESSING CTR** MAYPORT BUILDING 191 NAVAL STATION MAYPORT MAYPORT FL 32218-5000

Enclosure 4, Sample Navy-originated AE1 Transactions

AE1PSK 5962010752660 EA00002R205506276Y201 A 03284NLPSK62840000000 AE1PSK 5962010752660 EA00002R205506276Y201 A 03284BAPSK62840000000

Sample DSS-originated 870S Transactions:

```
ISA*00*
                 *00*
                                *10*W25G1U
                                                   *10*S36121
*070306*1712*U*00401*00000001*0*P*.~
GS*RS*W31G1Z*S36121*20070306*1712*00000001*X*004010~
ST*870*0001~
BSR*4*CO*Z*20070306***1712****00~
N1*SB**M4*SDF**FR~
HL*1**W~
DTM*097*20070306~
REF*TN*W31G3H6103H047~
N1*WD**M4*PSJ~
LM*DF~
LQ*0*AE8~
LQ*COG*9L
LQ*A9*N69262~
LQ*SMI*BL~
LQ*DF*S~
PO1**3*EA***FS*6920002234919~
ISR*UR~
DTM*050*20070306*1615~
LM*DF~
LO*83*A~
LO*81*NL~
SE*19*0001~
GE*1*00000001~
IEA*1*00000001~
ISA*00*
                 *00*
                               *10*W25G1U
                                                   *10*S36121
*070306*1712*U*00401*00000002*0*P*.~
GS*RS*W31G1Z*S36121*20070306*1712*00000002*X*004010~
ST*870*0001~
BSR*4*CO*Z*20070306***1712****00~
N1*SB**M4*SDF**FR~
HL*1**W~
DTM*097*20070306~
REF*TN*W31G3H6103H047~
N1*WD**M4*PSJ~
LM*DF~
LO*0*AE8~
LQ*COG*9L
LQ*A9*N69262~
LQ*SMI*BL~
LQ*DF*S~
PO1**3*EA***FS*6920002234919~
ISR*UR~
DTM*035*20070306*1616~
LM*DF~
LQ*83*A~
LQ*81*NW~
SE*19*0001~
GE*1*00000002~
IEA*1*000000002~
```

C5.2.2.1. Supply Status. Use DS to Federal IC 870S, Supply Status.

C5.2.2.1.1. Response to Requisition

C5.2.2.1.1.1. <u>Processing GFM</u>. Supply sources (or MCAs, processing GFM transactions), use the DS 870S with appropriate status codes to convey advice to organizations. It is used to convey notice of action taken or being taken on requisitions and requisition-related transactions; such as, retransmitted requisitions, cancellations, modifications, and requisition inquiries (follow-ups and/or requests for supply assistance). Organizations must identify additional status addressees in the original requisition and/or requisition-related transactions, as applicable. DAASC generates supply status in selected situations resulting from item identification edits but will indicate their DoDAAC as the MESSAGE FROM address in the supply status.

C5.2.2.1.1.2. <u>Reporting Status Decisions</u>. Supply sources or MCAs shall respond to requisition(s) to advise activities of action taken (as indicated), alone or in combination, to any of the requests listed below. This includes status upon processing a requisition inquiry (follow-up and request for supply assistance) or a cancellation request, and rejection status when rejecting transactions.

C5.2.2.1.2.1. Backorder.

C5.2.2.1.2.2. Partial issue or partial other action.

C5.2.2.1.2.3. Material substitution.

C5.2.2.1.2.4. Unit of issue changes.

C5.2.2.1.2.5. Retransmitted (rerouted) requisitions.

C5.2.2.1.2.6. Cancellation, modification, or inquiry.

C5.2.2.1.2.7. Any circumstance that predicts that issue may not be made within the timeframes established for the assigned priority designator (PD).

C5.2.2.1.2. Material Processing Center (MPC) Status

C5.2.2.1.2.1. The MPC will provide NL Status to notify the Navy ship/customer that material has arrived at the MPC for sortation and temporary storage pending delivery to the customer.

C5.2.2.1.2.2. The MPC will provide NW Status to provides systematic notification material has been delivered from the MPC to the Navy ship/customer.

AP3.10. APPENDIX 3.10

SUPPLY STATUS (ISSUES FROM STOCK)

FIELD LEGEND	RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
Document Identifier	1-3	Enter DI AE
Routing Identifier	4-6	Enter RI of the supply source furnishing the supply status (RI From). If used as a DI AE6 transaction, enter the RI of the supply source to which the transaction will be sent (RI To). ¹
Media and Status	7	Enter M&S as shown in the original requisition.
Stock or Part Number	8-22	Enter NSN or part number.
Unit of Issue	23-24	Enter U/I.
Quantity	25-29	a. Enter quantity for which status is provided.
		b. For ammunition items only (FSG 13), enter an "M" in rp 29 to express in thousands any quantity exceeding 99,999. Example: A quantity of 1,950,000 will be expressed as 1950M (1950 in rp 25-28 and an "M" in rp 29).
Document Number	30-43	Enter document number as shown in the requisition.
Suffix	44	a. Enter suffix applicable to quantity in rp 25-29 when the requisitioned quantity is divided into separate supply actions.
		b. When the requisition quantity is not divided, leave this field blank.
Supplementary Address	45-50	Enter data from original requisition.
Signal	51	Enter data from original requisition.
Fund	52-53	Enter date from original requisition.
Distribution	54-56	When used as an AE6 to provide status on the processing on an LRO, enter 2 for consumables or 3 for reparables in rp 54. Otherwise, enter data as shown in the requisition.
Project	57-59	Enter data from original requisition.

¹ When used by the Material Processing Center (MPC) to notify the Navy customer that material has arrived (NL Status) or been delivered (NW or Navy-unique BA Status), rp 4-6 will identify the MPC.

	RECORD	ENTERN AND DISTRICTIONS
FIELD LEGEND	POSITION(S)	ENTRY AND INSTRUCTIONS
Priority	60-61	Enter data from original requisition.
Transaction Date	62-64	Enter the day that corresponds with the date of this reply.
Status	65-66	Enter status code to convey the information regarding the status of this transaction.
Routing Identifier	67-69	Enter the "last known source" to which authorized followup action will be directed. If used as a DI AE6 transaction, the RI will be the activity preparing the document. ²
Estimated Shipping Date	70-73	When designated by the status code, enter the four-position ordinal day by which it is estimated the materiel will be shipped. ³
Multiple Use ⁴ & ⁵	74-80	
Unit Price	74-80	Enter unit price of the stock or part number shown in rp 8-22. When the status code in rp 65-66 relates to an erroneously routed requisition, this field will be left blank.
<u>OR</u>		
Blank	(74-75)	Leave blank.
Minimum Order Quantity	(76-80)	For C8 Status, enter the minimum order quantity.
<u>OR</u>		
Blank	(74-75)	Leave blank.
Federal Supply Schedule Number ⁶	(76-80)	For DA Status, enter Federal Supply Schedule Number constructed as follows: rp 76-77 Group (numeric) rp 78-79 Part (numeric) rp 80 Section (alphabetic).

For DI AE6 Transactions with Status Code BY

	70-71	Leave blank.
	72	If status code (rp 65-66) is BY (previously denied MRO), enter appropriate denial management code.
	73	Leave blank.
Unit Price ⁷	74-80	Enter unit price of the stock or part number shown in rp 8-22.

² When used by the Material Processing Center (MPC) to notify the Navy customer that material has arrived (NL Status) or been delivered (NW or Navy-unique BA Status), rp 67-69 will repeat the identification of the MPC.

³ When used by the MPC, this will be the date associated with the material arrival (NL Status) or delivery (NW or Navy-unique BA Status).

⁴When used by storage in response to a query by the ICP (DI AE6), this data may be omitted at Component option.

⁵DI AE9 transactions generated by DAAS will always be blank in rp 74-80.

⁶Requirement to use DA requisition rejection status to indicate the supply source is direct ordering from the Federal Supply Schedule last reported as not implemented by USAF. Refer to AMCL 132B.

⁷When used by storage in response to a query by the ICP (DI AE6), this data may be omitted at Component option.

For DI Code AE_ Transactions with Status Code CE

79-80

For transactions containing rejection Status Code CE in rp 65-66, supply source will enter the correct unit of issue in rp 79-80⁸.

⁸Requirement to provide correct unit of issue when original unit of issue on the requisition could not be converted last reported as not implemented by USN and DLA (Subsistence). Refer to AMCL 162.