IN REPLY
REFER TO DLMSO

June 23, 2008

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 288, Local Delivery Manifesting Shipment Status (Supply) (Staffed as PDC 313)

The attached change to DoD 4000.25-M, DLMS, is approved for implementation by the Distribution Standard System (DSS) and the Defense Automatic Addressing System Center (DAASC) on or about June 27, 2008. Others are authorized staggered implementation under DLMS modernization, or as soon as feasible. 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.

Addressees may direct questions to the DLMSO point of contact, Ms. Ellen Hilert, Chair, Supply Process Review Committee, 703-767-0676; DSN: 427-0676; e-mail: ellen.hilert@dla.mil. Others must contact their Component designated Supply Process Review Committee representative.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment

cc:
ADUSD(SCI/L&MR)

ADC 288
Local Delivery Manifesting Shipment Status

1. ORIGINATOR:

   a. Service/Agency: Defense Distribution Center (DDC), DLA J 3/J4-TPR, (717) 770-7208

   b. Sponsor: Defense Logistics Management Standards Office (DLMSO), Supply Process Review Committee (PRC)**:** Ms. Ellen Hilert, Chair, Supply PRC, 703-767-0676; DSN: 427-0676; e-mail: ellen.hilert@dla.mil

2. FUNCTIONAL AREA: Primary: Supply

3. REFERENCE: DLMSO memorandum dated November 15, 2007, subject: Approved Defense Logistics Management System (DLMS) Change (ADC) 257, DLMS Shipment Status Generated by the Consolidation and Containerization Point (CCP). This change documented the CCP preparation of the DLMS Shipment Status using the Distribution Standard System (DSS) to provide passive Radio Frequency Identification (RFID) tag information following reconfiguration of the original shipment, when the shipper did not provide passive RFID, or when the original passive RFID tag was damaged. The change authorized a revision of the transaction format to clearly define this usage and distinguish it from shipment status transactions generated by the distribution depots on behalf of the source of supply. It provided new business rules for the distribution and use of the CCP shipment status.

4. REQUESTED CHANGE:

   a. Description of Change: This change updates the DLMS shipment status procedures and the DLMS Version 4030 856S, Shipment Status transaction. It authorizes expanded use of the CCP shipment status format (see reference above) to include other consolidation processes performed subsequent to creation of shipment status, such as local delivery manifesting, for the purpose of providing passive RFID and updated status.

   b. Procedures: The procedures below mirror those approved for CCP shipment status (additional requirements or revisions from published CCP procedures are identified in bold italics).

      (1) CCP and Local Delivery Consolidation Shipment Status Preparation. The consolidating activity will generate a shipment status transaction using the 856S format to provide passive RFID information to the receiving activity and other automated information systems in accordance with Service-directed business rules.

         (a) The consolidation shipment status will be identified by a unique code in the beginning segment of the transaction (Code 061 in BSN07).

         (b) The ship-to activity will be explicitly identified in the transaction using the designated DLMS enhancement (the Ship-To Qualifier ST in the N1 segment).

(c) The consolidation shipment status will carry the lead TCN which may differ from that on the original shipment status and will contain multiple passive RFID tag values using a hierarchical structure. The original passive RFID will be repeated when it is available.

(d) *The transaction originator field will identify the Routing Identifier of the Inventory Control Point perpetuated from the original shipment status.*

(e) *A new data field will be added to identify the DoDAAC of the location where the consolidation occurred, e.g., CCP or depot.*

(f) The shipment date identified will be the local delivery consolidation shipment date.

(g) The mode of shipment will be the mode shipped by the consolidating depot.

(h) The original shipment status data content may not be perpetuated; normal shipment status data fields will not be populated.

(2) DAAS Distribution/Business Rules. DAAS will route the consolidation shipment status to the ship-to activity and other automated information systems in accordance with Service-directed business rules. Standard DAAS business rules for distribution of the shipment status to status recipients will not apply. In addition, DAASC will suppress sending the consolidation shipment status to Distribution Depots or the Material Processing Centers (MPC) supported by the Distribution Standard System for Navy ships.

(a) DAAS will assign the Document Identifier (DI) Code (located in the LQ segment) as AS1 if the ship-to activity is the same as the Document Number DoDAAC; otherwise DAAS will assign as AS2.

(b) DAAS will not convert the DLMS transaction to a MILS format, as this will not provide meaningful data and may cause confusion.

(c) DAAS will post the updated information to the DAAS Passive RFID (R) Table making this information available for passive RFID query.

(d) DAAS will make the consolidation shipment status information available via WebVLIPS. (DAASC may establish a separate, later implementation date for this aspect of the requirement.)

(e) The consolidation shipment status may not be employed in determining processing time within Logistics Metrics Analysis Reporting System (LMARS) /Customer Wait Time metrics.

(3) Receiving Activity. The value of this transaction to the receiving activity is to support Passive RFID-enabled receipt processing. DLMS applications not supporting passive RFID may disregard this status or choose to append the consolidation mode of shipment and shipment date. New content on the consolidation shipment status should not be viewed as replacement values for a previously received shipment status matching on document number/suffix. Since there may not be a

match on the previously identified TCN, the consolidation shipment status information must be handled in a way that does not impact quantity due or visibility of partial shipments which may not have been consolidated within the reconfigured shipment.

(4) Revise DS 4030 856S, Shipment Status as follows:

#	Location	Revision to 4030 856S, Shipment Status	Reason for Change
1	DLMS Introductory note _	<u>Add ADC 288 to DLMS introductory note 3:</u> *- ADC 288, DSS Local Delivery Manifesting Shipment Status*	To identify changes in the DS.
2	1/BSN07/0200	<u>Revise DLMS Note for the following code to read:</u> **061 Consolidation, Extension, Modification (CEM)** **DLMS Note:** Use to identify that shipment status is provided by the Consolidation and Containerization Point (CCP) *or other location performing consolidation subsequent to original shipment, e.g., local delivery manifesting,* in support of passive RFID data exchange. The CCP Shipment Status may reflect multiple levels of pack associated with the lead Transportation Control Number (TCN). It may update the shipment date or mode of shipment while providing visibility of additional or replacement passive RFID tag values associated with the original shipment as a result of CCP processing/ reconfiguration. The CCP Shipment Status should not be used to overlay the original shipment status in the receiving application, as this may result in some loss of data content.	To clarify expanded usage.
3	2/N101/2200	<u>Revise wording of DLMS Note:</u> **SB Storage Area** **DLMS Note:** 1. Use to identify the initial shipping ~~activity~~ *Distribution Depot DoDAAC.* *2.* For Army Total Package Fielding (TPF), use to identify the Routing Identifier of the Unit Materiel Fielding Point (UMFP) or staging site originating the UMFP shipment document.	Clarification. On routine shipment status, this data field is provided to identify the initial shipping activity when the shipment originates from a Distribution Depot. This data element was approved for implementation in standard shipment status transactions under ADC 223 and is being implemented by DSS in conjunction with ADC 288.
4	2/N101/2200	<u>Add new qualifier and DLMS Note:</u> *CS Consolidator* *DLMS Note: Use to identify the consolidation point DoDAAC when shipment status is provided by the CCP or other activity performing consolidation, e.g. local delivery manifesting (BSN07=061).*	Used to clearly identify the location where the consolidation occurred. When identifying the CCP this will be the DoDAAC of the physical CCP (not the DSS mission DoDAAC).
5	2/N101/2200	<u>Revise wording of DLMS Note:</u>	Clarification.

| | | **Z4 Owning Inventory Control Point**
DLMS Note:
1. Use to identify the Routing Identifier of the supply source or applicable ICP/IMM <mark>*as the originator of the shipment status. This includes shipment status prepared by the Distribution Depot on behalf of the ICP/IMM for ICP/IMM-directed shipments, and CCP/Consolidation shipment status.*</mark>
2. ~~This is~~ <mark>*Use to identify*</mark> the recipient for LRO Shipment Status.
3. ~~and~~ <mark>*Use to identify*</mark> the recipient Fielding Command for Army Total Package Fielding shipments. | |

(5) Revise DLMS manual, Vol 2, Chapter 5, as shown in Enclosure 1.

(6) Example transactions are provided at Enclosure 2.

5. REASON FOR CHANGE: Distribution Depot Pearl Harbor, Hawaii (DDPH) is currently performing local deliver manifesting. This means after DSS makes the shipment and sends the 856S with passive RFID tags; DDPH may perform subsequent consolidation to bundle up multiple Material Release Orders (MROs) to local customers. They then put a passive RFID tag on that consolidation container. Passive visibility transactions created by tag readers (e.g. Globeranger) are transmitted to DAAS, but they do not marry up with the shipments (identified by the 856S) because the DSS 856S went out before the local delivery manifesting tag was applied. This change will identify the local delivery manifesting shipment status so that the tag read upon receipt (or other locations) can be used to identify the shipment.

6. ADVANTAGES AND DISADVANTAGES:

    a. Advantages: Purpose of change is to create an efficient automated process when local delivery manifesting applies and supports integration of passive RFID within logistics processes.

    b. Disadvantages: N/A.

7. IMPACT:

    a. DLMS Supplement 4030 856S, Shipment Status

    b. Programming to support the unique CCP has already been implemented. There is minimal impact identified with expanding its use to other consolidation locations.

    c. The original requirement for the CCP shipment status was to post the information at DAAS for passive RFID visibility and provide the DLMS transaction to where a DLMS capable ship-to location is involved. If additional shipment status distribution is required, it must be identified separately by establishing Service-unique business rules for DAAS shipment status distribution.

Enclosure 1 - DLMS Procedures

      C5.2.3.1. <u>Preparation of Shipment Status</u>. Shipment status shall be provided by the shipping activity or the source of supply for direct vendor delivery (contractor direct) or in response to a requisition follow-up. The Consolidation and Containerization Point (CCP) <mark>***and other location***</mark> <mark>***performing consolidation subsequent to issuance of shipment status***</mark> may also provide shipment status for the purpose of identifying passive RFID.[1] Under DLMS, the shipment status will include enhanced data content and support item unique identification (IUID) and intransit visibility requirements as directed under DoD policy/procedures (DoD 4140.1-R), when available and pending full DLMS implementation/modernization.[2] Shipment status shall be provided by the DoD shipping activity, the CCP, or by the supply source[3] using DS 856S. Maintenance activities (organic and commercial) shall provide shipment notification to the receiving activity and other interested parties when material is shipped to the distribution depot, DRMO, or other designated receiving activity per source of supply/inventory control point guidance. This may be accomplished using either the DLMS Shipment Status, DS 856S, or the DLMS Advance Shipment Notice (ASN), DS 856, provided via Wide Area Work Flow-Receipt and Acceptance (WAWF-RA).[4] The DLMS Shipment Status shall include asset visibility content, such as IUID, and intransit visibility requirements, such as passive RFID and the transportation control number as directed under DoD policy/procedures (DoD 4140.1-R). DLMS enhancements include, but are not limited to the following:

      C5.2.3.1.1. Passive RFID for the shipment unit/case/pallet associated at the requisition document number level. The shipment status transaction may identify a hierarchy to clarify the relationship of passive tags within different shipment levels.

      C5.2.3.1.2. For Unique Item Tracking (UIT) purposes, the IUID and/or serial number. Serial number without applicable IUID may only be used during MILS/DLMS transition and pending implementation of IUID capability. Additional UID information as identified in the DS 856S is optional. Refer to Chapter 19 for UIT guidance.

      C5.2.3.1.3. Both the TCN and a secondary transportation number, such as the small package carrier number, when this is applicable.[5]

      C5.2.3.1.4. Identification of the carrier when other than United States Postal Service (USPS) by name and Standard Carrier Alpha Code (SCAC).[6]

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[1] Refer to ADC 257, DLMS Shipment Status Generated by the Consolidation and Containerization Point (CCP)
[2] DoD 4140.1-R guidance for passive RFID and IUID requirements is pending publication as of the date of this change. Interim guidance is available at http://www.acq.osd.mil/log/rfid/index.htm (RFID) and http://www.acq.osd.mil/dpap/pdi/uid/index.html(IUID).
[3] Direct vendor delivery shipment status using the 856S includes shipment status prepared by the DLA-sponsored Defense Planning and Management System (DPMS) application.
[4] Business rules for use of the 856 for GFM or Property Transfer, including internal DoD transfers, are evolving. Refer to the Defense Procurement and Acquisition policy for UID available at url; http://www.acq.osd.mil/dpap/pdi/uid/index.html. Specific applicability and interoperability issues to be resolved by the UID Program Office and DUSD(L&MR)SCI.

[5] Refer to ADC 223, DLMS Shipment Status Enhancements: Secondary Transportation Number, Initial Shipping Activity, Carrier Identification, and POE, approved for phased and staggered implementation.
[6] Refer to Footnote 6.

C5.2.3.1.5. Identification of the initial DoD shipping activity (origin) by DoDAAC.[7]

C5.2.3.1.6. For OCONUS shipments made via the DTS, GBL/CBL, parcel post, and small package carrier shipments, specific identification of the POE or CCP. The shipment status shall specify air terminal, water terminal, or CCP by applicable qualifier code in the DS. (During MILS/DLMS transition, DAAS may substitute a generic terminal qualifier for shipment status transactions converted from MILS where the type of facility is unknown.)[8]

C5.2.3.1.7. Under DLMS, the shipment status shall perpetuate data content as applicable: project code, the special requirements code (MILS RDD coded entries, e.g. 999), and priority designator.[9]

C5.2.3.1.8. The transportation priority shall be included in all shipment status transactions as derived under DoD 4140.1-R guidance or other pertinent criteria.[10]

C5.2.3.1.9. The shipment status may include the unit price (required for Distribution Standard System (DSS)-generated shipment status; otherwise optional).[11]

C5.2.3.2. Shipment Status from the CCP[12] or *Other Locations Performing Consolidation.*[13] *Shipment status will be provided by the CCP or other locations performing consolidation subsequent to the original issuance of shipment status, for the primary purpose of providing updated RFID information. This in turn supports intransit asset visibility and receipt processing. Other locations include distribution depots performing consolidation of local deliveries resulting in passive RFID updates.*

C5.2.3.2.1. Preparation of the CCP*/Consolidation* Shipment Status

C5.2.3.2.1.1. The CCP*/consolidation* shipment status will be identified by a unique code in the transaction *and will include the information as described below*.

C5.2.3.2.1.1.1 ~~The~~ **Ship-To-Activity**. *this activity* will be explicitly identified ~~in the transaction~~.

C5.2.3.2.1.1.2 ~~The CCP/consolidation shipment status will carry~~ **The Lead TCN.** ~~which~~ This TCN may differ from that on the original shipment status.

C5.2.3.2.1.1.3 **RFID Tag Value.** When applicable, the transaction will contain multiple passive RFID tag values using a hierarchical structure. The original passive RFID will be repeated when it is available. Any additional tag values available ~~to the CCP~~ will also be provided.

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[7] Refer to Footnote 6.
[8] Refer to Footnote 6.
[9] Refer to ADC 242, Shipment Status DS 856S: Priority Designator (PD), Transportation Priority, Project Code, Special Requirements Code, approved for phased and staggered implementation.
[10] Refer to Footnote 6.
[11] Refer to proposed addendum to ADC 242A, Inclusion of Unit Price on DLMS Shipment Status (DS 856S).
[12] Refer to Footnote 2.
[13] Refer to PDC 313.

C5.2.3.2.1.1.4 ***Transaction Originator. This will identify the Routing Identifier of the Inventory Control Point perpetuated from the original shipment status.***

C5.2.3.2.1.1.5. ***Consolidation Activity. This will identify the DoDAAC of the location where the consolidation occurred, e.g. CCP or depot performing local delivery manifesting.***

C5.2.3.2.1.*1.6*. ~~The~~ **Shipment Date**. ~~identified~~ *This* will be the CCP*/consolidation point* shipment date.

C5.2.3.2.1.*1*.7 ~~The~~ **Mode of Shipment**. *This* will be the mode shipped by the CCP*/consolidation point*.

C5.2.3.2.1.*2*. Shipment status information content *may* be repeated from the original shipment status when this information is available ~~to the CCP~~, e.g., when the original shipper was a co-located distribution depot. Where ~~the CCP does not have~~ access to the original shipment status information *is not available*, the original data content will not be perpetuated and applicable data fields will not be populated.

C5.2.3.2.2. DAAS Distribution of CCP*/Consolidation* Shipment Status. DAAS will route the CCP*/consolidation* shipment status to the ship-to activity. Standard DAAS business rules for distribution of the shipment status to status recipients will not apply. In addition, DAAS will not distribute the CCP shipment status to Distribution Depot ship-to locations or Material Processing Center (MPC) locations supported by DSS.

C5.2.3.2.3. Use of the CCP*/Consolidation* Shipment Status by the Receiving Activity. The value of this transaction to the receiving activity is to support passive RFID-enabled receipt processing. DLMS applications not supporting passive RFID may disregard this status or choose to append the ~~CCP~~ mode of shipment and the ~~CCP~~ shipment date. New content on the CCP*/consolidation* shipment status should not be viewed as replacement values for a previously received shipment status matching on document number/suffix. Since there may not be a match on the previously identified TCN, the CCP*/consolidation* shipment status information must be handled in a way that does not impact quantity due or visibility of partial shipments which may not have been consolidated within the reconfigured shipment.

Enclosure 2, Local Delivery Consolidation Example Transactions

ISA*00* *00* *10*W62G2T *10*S36121 *080616*1432* *00403*000005566*0*P*¬~
GS*SH*W62G2T*S36121*20080616*1432*000005566*X*004030~
ST*856*0001~
BSN*00*ZZ*20080616*1432**AS~ ────────────────────────
HL*1**V~
N1*Z4**M4*SMS**FR~   Standard Shipment Status
HL*2**W~
LIN**FS*1630010099429~
SN1**10*EA~
TD5****LD~
REF*TN*FB529481638800~
REF*TG*FB529481638800XXX~
DTM*011*20080611~
N1*GP**M4*SGA**TO~
N1*SB**10*W62G2T~ ────────────────────────
N1*ST**10*FB5294~
LM*DF~   Shipper is DD Sharp
LQ*0*AS8~
LQ*BD*3~
LQ*37*SUU~
LQ*79*15~
HL*3**P~
REF*JH*2F0573632473254002FAE8BC~
HL*4*3*P~
REF*JH*2F1573632473254002FAE8BB~
SE*24*0001~
GE*1*000005566~
IEA*1*000005566~

ISA*00* *00* *10*W62G2T *10*S36121 *080616*1433* *00403*000005567*0*P*¬~
GS*SH*W62G2T*S36121*20080616*1433*000005567*X*004030~
ST*856*0001~
BSN*00*ZZ*20080616*1433**AS*061~ ────────────────────────
HL*1**V~
N1*Z4**M4*SMS**FR~   Consolidation Shipment Status
HL*2**W~
LIN**FS*1630010099429~
SN1**10*EA~
TD5****LD~
REF*TN*FB529481638800~
REF*TG*FB529481638800XXX~
DTM*011*20080611~
N1*GP**M4*SGA**TO~
N1*CS**10*W62G2T~ ────────────────────────
N1*ST**10*FB5294~
LM*DF~   Consolidator is DD Sharp
LQ*0*AS8~
LQ*BD*3~
LQ*37*SUU~
LQ*79*15~
HL*3**P~
REF*JH*2F0573632473254002FAE8BD~
HL*4*3*P~

REF*JH*2F0573632473254002FAE8BC~
HL*5*4*P~
REF*JH*2F1573632473254002FAE8BB~
SE*26*0001~
GE*1*000005567~
IEA*1*000005567~

ISA*00*   *00*   *10*W62G2T   *10*S36121   *080616*1433* *00403*000005568*0*P*¬~
GS*SH*W62G2T*S36121*20080616*1433*000005568*X*004030~
ST*856*0001~
BSN*00*ZZ*20080616*1433**AS*<mark>061</mark>~
HL*1**V~
N1*Z4**M4*SMS**FR~
HL*2**W~
LIN**FS*1010123123123~
SN1**1*EA~
TD5****ED~
REF*TN*WT4J8S81634001~
REF*TG*WT4J8S81634001XXX~
DTM*011*20080611~
N1*GP**M4*SGA**TO~
<mark>N1*CS**10*W62N2A~</mark> ————————————————————————————————
N1*ST**10*WT4J8S~
LM*DF~ | Consolidator is San Joaquin CCP |
LQ*0*AS8~
LQ*BD*1~
LQ*DF*S~
LQ*36*SUU~
LQ*79*02~
HL*3**P~
REF*JH*2F1573632473254001974428~
SE*23*0001~
GE*1*000005568~
IEA*1*000005568~

ISA*00*   *00*   *10*SW3144   *10*S36121   *080616*1434* *00403*000000204*0*P*¬~
GS*SH*SW3144*S36121*20080616*1434*000000204*X*004030~
ST*856*0001~
BSN*00*ZZ*20080616*1434**AS*<mark>061</mark>~
HL*1**V~
N1*Z4**M4*SMS**FR~
HL*2**W~
LIN**FS*8465000016482~
SN1**1*EA~
TD5****LD~
REF*TN*N221548163CME5~
REF*TG*N221548163CME5XXX~
REF*PA*7.85~
DTM*011*20080611~
N1*GP**M4*SGA**TO~
<mark>N1*CS**10*SW3144~</mark> ————————————————————————————————
N1*ST**10*N22154~
LM*DF~ | Consolidator is DD Pearl Harbor |
LQ*0*AS8~
LQ*BD*3~
LQ*79*09~

HL*3**P~
REF*JH*2F0535733313434000000007~
HL*4*3*P~
REF*JH*2F0535733313434903DC5136~
HL*5*4*P~
REF*JH*2F1535733313434000000041~
SE*26*0001~
GE*1*000000204~
IEA*1*000000204~