



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
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IN REPLY
REFER TO

July 02, 2014

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS
CONTRACT ADMINISTRATION PRC MEMBERS
FINANCE PRC MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 1113,
Wide Area Workflow (WAWF) Advance Shipment Notice (ASN) Revisions
Including Enhancements for Security Cooperation (SC) Foreign Military Sales
(FMS) (Supply/Contract Administration)

The attached change to DLM 4000.25, Defense Logistics Management System, is approved for implementation. The WAWF Program Management Office is planning to deploy this change in WAWF Release 5.6, targeted for August 1, 2014.

Addressees may direct questions to Ms. Ellen Hilert, DOD MILSTRIP Administrator, 703-767-0676, DSN 427-0676, or e-mail: ellen.hilert@dla.mil, or Ms. Heidi Daverede, DOD MILSTRIP Alternate, 703-767-5111; DSN 427-5111 or email: heidi.daverede@dla.mil. Others may direct questions to their Service or Agency designated Supply PRC representative.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment

cc:
ODASD (SCI)
ODASD DPAP (PDI)
WAWF PMO
DCMO
OUSD(C)

ADC 1113
Wide Area Workflow (WAWF) Advance Shipment Notice (ASN) Revisions
Including Enhancements for Security Cooperation (SC) Foreign Military
Sales (FMS) Shipment

1. ORIGINATOR:

a. Submitting Service/Agency: WAWF PM on behalf of Defense Logistics Agency (DLA)

b. Functional POCs: DLA, Defense Contract Management Agency (DCMA), Defense Security Cooperation Agency (DSCA), U.S. Navy, and U.S. Army

2. FUNCTIONAL AREAS:

a. Functional Areas: Contract Administration and Materiel Due In

b. Functional Processes: Shipment Tracking and Visibility of Vendor Shipments

3. REFERENCE:

a. WAWF Engineering Change Proposal (ECP) 0714 for WAWF (FMS - 856 (Ship Notice/Manifest) and 857 (Shipment and Billing Notice)

b. DLM 4000.25, Volume 7, Contract Administration, Chapter 2, Shipment Notification

c. **ADC 1043**, DLMS Revisions for Department of Defense (DOD) Standard Line of Accounting (SLOA)/Accounting Classification (Finance/Supply), September 18, 2013

4. APPROVED CHANGE: Significant revisions subsequent to staffing are highlighted in green.

a. Overview of Change:

(1) This change enhances WAWF to carry additional data fields found on contracts and delivery orders to the WAWF receiving report (RR) as requested by DLMS Trading partners supporting SC shipments. The WAWF RR is mapped to the commercial standard transaction (American Standards Committee (ASC) X12) 856 Ship Notice/Manifest to provide functionality as an electronic data source for shipment tracking and visibility. Under DLMS, the transaction used for this function is referred to as the Advance Shipment Notice (ASN).

(2) This change has been updated subsequent to staffing to reflect standard DOD data mapping for SC data elements transmitted to DOD systems outside WAWF. The WAWF format for the FMS Case Number will not be authorized for perpetuation to other systems.

b. Background:

(1) The WAWF is a DOD mandated system that allows the vendor to electronically submit invoices and RRs, and the Government to inspect, receive, accept information and pay electronically. Electronic transactions for the WAWF RR are not using available SC/Foreign Military Sales (FMS) data in the contract to prepopulate as much information as is needed and is causing:

- misidentification of SC shipments,
- lost shipments,
- frustrated shipments unable to export/import,
- inability to track SC shipments, and
- a significant increase in SDRs for vendor shipments.

(2) Foreign Military Sales Case Number:

(a) During coordination the Components were asked to comment on the mapping of the Foreign Military Sales Case Number carried in transactions as the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.). The PDC noted that the DOD Comptroller and the Office of the Deputy Chief Management Officer (DCMO) have defined these elements as mandatory discrete data elements for SC Standard Line of Accounting (SLOA)/Accounting Classification (also refer to ADC 1043, Reference 3.c.). The DLMS is designed for consistent use of these elements across multiple domains. Concatenation of data elements within a single data field is highly discouraged within the DLMS. Additionally, passing the concatenated data content FMS Case Number (XX-X-XXX) and the distinct SC Case Designator (XXX) using the same X12 code with the variation based upon WAWF versus all other DLMS transmissions may cause confusion. The Component's response to the mapping issue was to identify a preference for standard DLMS mapping as discrete data fields. However, due to the design and programming already accomplished to meet the anticipated release date, it is understood to be too late to modify the WAWF database without significant impact/cost. Therefore, this change reflects the original WAWF mapping for the contractor data into WAWF and the DLMS mapping for the WAWF transactions transmitted to the Components, since this can be achieved with minimal impact using the DLA Transaction Services Global Exchange (GEX).

(b) The initial proposal to establish the SLOA data elements for SC Customer Code and SC Case Designator included an attempt to expand the field length of the customer code (from two positions to three positions) and the case designator (from 3 positions to 4 positions). The expanded field lengths were incorporated in the request for new SC data content in shipments notices supported by WAWF. In response, DLMSO stated that the longer field lengths cannot be accommodated within the DOD infrastructure, which requires the customer code to be contained in positions 2-3 of both the SC MILSTRIP document number and the Military Assistance Program Activity Address Code (MAPAC). This is similarly true of the case designator, which is required to be contained in positions 4-6 of the MILSTRIP supplementary address. Once these values are assigned, all applicable DOD systems must be able to carry the data. Therefore, without very costly and time-consuming re-engineering of MILSTRIP procedures, MAPAC construction rules, and reprogramming of all the associated DOD and SC customer systems, plus the termination of

legacy MILSTRIP formatting by SC customers, there is no viable solution for permitting the proposed expanded field length. This ADC recognizes only the existing field lengths authorized by MILSTRIP, MAPAC, and DLMS.

c. Change in Detail: Revise WAWF, the 856 Ship Notice/Manifest Federal Implementation Convention (IC), and the DLMS 856 IC to incorporate the following data and business rules.

(1) Add data fields for SC/FMS RRs:

- Military Articles & Services List (MASL) Description,
- Foreign Military Sales Case Number. This data field will be carried as the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX on contractor input to WAWF. For transmission to DOD applications, WAWF or GEX will reformat the data to be carried as three discreet data elements on WAWF transactions.

(2) Add data fields to the RR for general use. These are data elements requested for SC/FMS shipments, but are also applicable to non-SC shipments:

- Project Code
- Special package marking and special handling requirements
- Transportation Account Code.

(3) A WAWF edit will ensure FMS RR includes either of the following data elements. The associated business rule for the contractor must require the inclusion of the Requisition Document Number when applicable; only if there is no Requisition Document Number, should the Purchase Request Number be used.

- Requisition Document Number (e.g., DATB4413655001)
- Purchase Request Number

d. Revisions to DLM 4000.25 Manuals:

(1) Revisions to DLMS 856 IC are shown at the enclosure.

(2) Update DLM 4000.25 Volume 1, Appendix 4, Paragraph AP4.1, codes *8, **8, and *8* DLMS Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide to add Standard Cube Foot.

UoM Name Description	ASC X12 UoM (Data Element 355)	DOD UoM Code	Remarks
<i>Standard Cube Foot</i>	<i>5I</i>	<i>5I</i>	<i>None.</i>

e. Alternatives: None identified.

f. Proposed DLMS Change (PDC) 1113 Staffing Response/Comment Resolution:

	Originator	Response/Comment	Disposition
1.	DLA	DLA concurs. We agree with DLMSO's disagreement on the concatenation of FMS data elements too and prefer the alternative.	Noted. ADC updated to reflect standard DLMS mapping for WAWF transactions interfacing with the Components.
2.	Air Force	<p>Concur.</p> <p>AFSAC:</p> <p>1. With regard to mapping the Country Code, Implementing Agency, and Case Designator fields for the WAWF document, AFSAC does not have a specific preference as long as the fields are represented on the document.</p> <p>2. PDC 1113 Attachment Page Paragraph 2 4.c(3). calls for “either” Requisition Document Number or Purchase Request Number. If there is a Requisition Document Number associated with the WAWF transaction it needs to be mandatory. Only IF there is no Requisition Document Number assigned to the transaction should the Purchase Request Number be used.</p> <p>Coordinator Justification: The Requisition Document Number combined with the FMS Case Identification are “critical” for customs clearance. The current language of “either” can lead to the omission of the Requisition Document Number when available and required.</p> <p>Para should read: Ensure the FMS RR includes the Requisition Document Number. If there is no Requisition Document Number, provide Purchase Request Number.</p>	<p>Noted.</p> <p>RE comment 2. After discussion on this topic during the WAWF design review, it was agreed that the WAWF edit would only ensure that either the document number or purchase request number were populated. This is because the WAWF application has no basis to know which is appropriate for a given transaction. However, the ADC is updated to clarify that the business rule for the contractor would be to include the document number when applicable.</p>
3.	Army	<p>Concur. Preference is for standard DLMS mapping.</p> <p>USASAC: Concur with the DLMSO recommendation for the breakdown consistent with other DLMS transactions.</p>	<p>Noted.</p> <p>Same as above.</p>
4.	Navy	<i>Awaiting response</i>	
5.	Marine	Concur. Preference is for the alternative mapping	Noted.

	Originator	Response/Comment	Disposition
	Corps	described in the PDC.	Same as above.
6.	DSCA	DSCA recommends using the standard DLMS mapping of FMS data elements in WAWF transactions while acknowledging there continues to be a discrepancy between DLMS and SFIS regarding the number of record positions for Security Cooperation customer codes and case designators.	Noted. ADC updated to reflect standard DLMS mapping for WAWF transactions interfacing with the Components. ADC background documents the data formatting issue as well as the data element field length issue.

5. REASON FOR CHANGE: These changes are necessary to properly handle SC shipments in WAWF. WAWF should be improved to match the requirements in DOD regulations and support FMS customers. Expanded use beyond SC for selected data elements will benefit other DOD users of the WAWF RR.

6. ADVANTAGES AND DISADVANTAGES:

a. Advantages: The following advantages are associated with this change:

- Compliance with Defense Federal Acquisition Regulation Supplement (DFARS) Appendix F requirements.
- U.S. and foreign customs will be able to routinely and quickly clear WAWF SC/FMS shipments with all necessary information included.
- Fewer shipments will be frustrated, lost, or misidentified.
- A significant decrease in SDRs for vendor shipments.

b. Disadvantages: None identified

7. ADDITIONAL FUNCTIONAL REQUIREMENTS:

a. Comparable changes must be made to the WAWF 857 Shipment and Billing Notice transaction. This transaction is used by vendors reporting to WAWF as a combination of shipping and billing information in a single transaction; it is not used with DOD trading partners (WAWF separates content into 856 Ship Notice/Manifest and 810 Invoice for DOD processing).

b. If applicable, comparable changes to accommodate the DLMS mapping of the FMS Case Number must be accommodated for non-EDI output to DOD systems.

8. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: The WAWF Joint Requirements Board approved ECP 0714 for development and deployment as part of WAWF Version 5.6. Deployment is scheduled for August 2014.

9. IMPACT:

a. DLMS Data Elements: This change adds new data elements to the DLMS Dictionary (Logistics Data Resource Management Systems (LOGDRMS)):

Military Articles & Services List (MASL) Description. The MASL is a catalog of descriptive codes and text used to identify materiel and services available to be transferred to foreign governments and international organizations.

For additional clarification and available values refer to:

http://www.dsca.mil/sites/default/files/masl_handbook_formatted_0.pdf

Min/Max: 13/13

Alphanumeric. No Special Characters. The letters O and I are not permitted

Foreign Military Sales Case Number. This data element is the concatenation of the Security Cooperation (SC) Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX. It is allowed in this format for use internal to Wide Area Workflow. For transmission to DOD applications, this data element is reformatted as three discrete data elements.

Min/Max: 8/8

Alpha with special characters

b. Automated Information Systems (AIS): WAWF will be updated to accommodate new data and business rules via direct input or transaction and will provide an output to Components. New data will not be pre-populated from the contract or delivery order via Electronic Data Access (EDA). Component applications receiving the DLMS 856 should be updated to receive new data content. Appropriate instructional information/data headers/"mouse over" text should be provided to WAWF system users to clearly identify the discrete data element that compose the FMS Case Number.

c. DLA Transaction Services: The GEX must be updated to accommodate the additional data. Reformatting of the FMS Case Number to the DLMS mapping must be accomplished within the GEX responsible for formatting of the WAWF output transactions.

d. Non-DLA Logistics Management Standards Publications:

(1) DFARS changes associated with the WAWF ECP 0714 include a requirement for the carrier name (in addition to the coded value); mandatory inclusion of the Issue By DoDAAC for the DOD organization that contracted for the materiel; digitally signed Certificate of Conformance (vice checked box) in WAWF application; requirement for all pages of the receiving report to be included with the shipment.

(2) The Business Enterprise Architecture (BEA) must be updated to reflect the appropriate field lengths consistent with MILSTRIP and MAPAC processing requirements: SC Customer Code at 2 positions and SC Case Designator at 3 positions.

Enclosure, DLMS Implementation Convention (IC)

Item #	Location	856 Advance Shipment Notice Revision	Reason
1.	DLMS Introductory Note	<p><u>Add ADC 1113 to DLMS Introductory note 7:</u></p> <p><i>- ADC 1113, Wide Area Workflow (WAWF) Advance Shipment Notice (ASN) Revisions Including Enhancements for Security Cooperation (SC) Foreign Military Sales (FMS)</i></p>	Identifies DLMS Changes included in the DLMS IC.
2.	2/LIN02/020 (Used in HL03=I, Line Item Loop)	<p><u>Add Qualifier ZR and DLMS note:</u></p> <p>ZR Service Control Identification DLMS Note: Use on FMS Receiving Reports to identify the applicable Military Articles & Services List (MASL) description. The MASL is a catalog of descriptive codes and text used to identify materiel and services available to be transferred to foreign governments and international organizations.</p>	Use to enter the Military Articles and Services List (MASL) as a Product / Service ID Qualifier.
3.	2/TD109/110 (Used in HL03=S, Shipment Loop)	<p><u>Mark TD109 as used.</u></p> <p>Volume DLMS Note: Use to provide total cubic feet. Use with TD110 = 5I or CF as applicable.</p>	Not restricted to FMS shipments. When creating an RR, the system will allow entry of cubic feet at the document level.
4.	2/TD110/110 (Used in HL03=S, Shipment Loop)	<p><u>Mark TD110 as used. Add code 5I and note:</u></p> <p>5I Standard Cubic Foot DLMS Note: Use for volume measured by Standard Cubic Foot defined as: One cubic foot of gas measured at a fixed temperature and pressure; the value used for the temperature and pressure varies depending on the type of gas being measured.</p> <p>CF Cubic Feet DLMS Note: Use for volume measured by cubic feet.</p>	Supports new requirement for volume.
5.	2/TD401/140 (Used in HL03=I, Line Item Loop)	<p><u>Convert Federal note to DLMS note and add the following codes and DLMS notes:</u></p> <p>Federal DLMS Note: For WAWF, the following codes are authorized for use in the line item loop, HL03=I. Use as applicable to the DMLSS interface with WAWF to identify items requiring special handling due to perishable, refrigerated, or hazardous items, or other characteristics.</p> <p>BJA - Bulky Article</p>	Not restricted to FMS shipments. Applicable to all WAWF Receiving Reports to identify items requiring special handling due to perishable, refrigerated, hazardous items, etc. Currently this segment is restricted to DMLSS and only the following codes are available:

Item #	Location	856 Advance Shipment Notice Revision	Reason
		<p><i>BU2 - Bunker Adjustment - 20 Foot Container</i></p> <p><i>BU4 - Bunker Adjustment - 40 Foot Container</i></p> <p><i>DOC - Documentation – Special</i> <i>DLMS Note: Carrier creates special shipper documentation.</i></p> <p><i>ED - Excessive Dimensions</i> <i>DLMS Note: Equipment exceeds operating restrictions but is not considered high/wide in interline movement.</i></p> <p><i>EE - Electronic Equipment Transfer</i></p> <p><i>EL - Environmental Control Limits</i> <i>DLMS Note: The items contained in the shipment are subject to environmental controls whose limits are specified in the contract.</i></p> <p><i>EW - Excessive Weight</i></p> <p><i>EX - Explosive Flammable Gas</i></p> <p><i>FAS – Firearms</i></p> <p><i>FG - Flammable Gas</i></p> <p><i>FL - Flammable</i></p> <p><i>FR - Fragile - Handle with Care</i></p> <p><i>KMD - Keep Material Dry</i></p> <p><i>MOT - Other</i> <i>DLMS Note: Must use with TD404 to describe the special package marking/special handling requirements when not addressed by available TD401 codes.</i></p> <p><i>ONC - Use No Hooks</i></p> <p><i>ONS - Not Restricted Cargo</i></p> <p><i>OTC - Temperature Control</i></p> <p><i>OV – Overweight</i></p>	<p>HM Endorsed as Hazardous Material MRF Refrigerated OPR Perishable</p>

Item #	Location	856 Advance Shipment Notice Revision	Reason
		<p><i>RM - Radioactive Material</i></p> <p><i>SCC - Special Containers</i></p> <p><i>DLMS Note: The additional service charge or order for a transportation carrier to use specially constructed containers for oversized or fragile items as part of a household goods shipment.</i></p> <p><i>SH - Shiftable Load</i></p> <p><i>SMP - Small Package</i></p> <p><i>STA - Conductivity/Anti-static Additive</i></p>	
6.	2/TD404/140 (Used in HL03=I, Line Item Loop)	<p><u>Mark TD404 as used and add note:</u></p> <p>TD404 Description</p> <p>DLMS Note: Must use to describe the special package marking/special handling requirements when TD401=MOT (Other).</p>	Use to identify Special Package Markings / Special Handling Requirements (Hazardous Codes).
7.	2/REF01/150 (Used in HL03=S, Shipment Loop)	<p><u>Add the following code for REF01:</u></p> <p>2E Foreign Military Sales Case Number</p> <p>DLMS Note:</p> <p>1. Use in the shipment loop, HL03=S, to identify three-position Security Cooperation (SC) Case Designator.</p> <p>2. Within the WAWF application this element is used to construct the “Foreign Military Sales Case Number” which is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.</p> <p>SCC Security Cooperation Customer Code</p> <p>DLMS Note:</p> <p>1. Use in the shipment loop, HL03=S, to identify the two-position Security Cooperation Customer Code.</p> <p>2. Within the WAWF application this element is used to construct the “Foreign Military Sales Case Number” which is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.</p> <p>3. A local code ‘SCC’ is established for use in the 856, version 4010. A data maintenance action has been submitted for establishment of ‘SCC- Security Cooperation Customer Code’ in a future version.</p>	<p>Staffing Note: Refer to background information (Paragraph 4.b.(2)).</p> <p>The Federal 856 IC will also be updated to include the following Federal Note:</p> <p>2E Foreign Military Sales Case Number Federal Note:</p> <p>1. Use in the shipment loop, HL03=S.</p> <p>2. For transmission to WAWF, the Foreign Military Sales Case Number is the concatenation of the Security Cooperation (SC) Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.</p> <p>3. For transmission to DoD applications, this data element will be</p>

Item #	Location	856 Advance Shipment Notice Revision	Reason
		<p><i>SCI Security Cooperation Implementing Agency</i> DLMS Note: 1. Use in the shipment loop, HL03=S, to identify the one-position Security Cooperation Implementing Agency. 2. Within the WAWF application this element is used to construct the “Foreign Military Sales Case Number” which is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX. 3. A local code ‘SCI’ is established for use in the 856, version 4010. A data maintenance action has been submitted for establishment of ‘SCI- Security Cooperation Implementing Agency’ in a future version.</p>	<p><i>reformatted as three discrete data elements.</i> 4. For DLMS, this data element is used to identify the two-position Security Cooperation (SC) Case Designator. The SC Customer Code is mapped to REF01 Code SCC and the SC Implementing Agency is mapped to REF01 Code SCI.</p>
8.	2/REF01/150 (Used in HL03=S, Shipment Loop)	Add the following code and DLMS note: TH Transportation Account Code (TAC) DLMS Note: Use in the shipment loop, HL03=S. The Transportation Account Code is a data element used to identify the appropriation or user responsible for paying the transportation costs.	Not restricted to FMS shipments. Use to identify the Transportation Account Code (TAC).
9.	2/REF01/150 (Used in HL03=I, Line Item Loop)	Add the following code and DLMS note: P4 Project Code DLMS Note: Use in the line item loop, HL03=I, to identify the MILSTRIP Project Code.	Not restricted to FMS shipments. Use when the contract or shipping instructions contain a three-character Project Code. Use to indicate the project code applicable to the award instrument. Staffing Note: While this WAWF mapping for the Project Code is not consistent with the DLMS MILSTRIP transactions, it is an acceptable alternative. The actual data content must be consistent with MILSTRIP.