# DLMS Enhancement File

DLMS Supplement: 870N

X12 Version/Release: 4010

Change Log:

Update Date Change on that date

Jan. 16, 2013 Reformatted file based on recommendations from update project team

Mar. 4, 2015 Added ADC 1098 DLMS Enhancements

# Introductory Notes:

DLMS Enhancements are capabilities (such as the exchange of Item Unique Identification (IUID) data) that are implemented in the DLMS transactions but cannot be implemented or exchanged in non-DLMS (i.e., Legacy, DLSS, or MILS) format transactions.

As the components within the logistics domain need new enhanced capabilities, they are added to the DLMS supplements using the Proposed/Approved DLMS Change (ADC/PDC) process. The following ADCs have added DLMS Enhancement capabilities to this DLMS Supplement:

* 4. This revision to the DLMS Supplement (DS) incorporates Proposed DLMS Changes (PDCs) and Approved DLMS Changes (ADCs) listed. PDCs and ADC s are available from the DLMSO web site: <http://www.dla.mil/j-6/dlmso/elibrary/changes/processhchanges.asp>.
* ADC 309, NOA Reply Transaction Data Content/Mapping including Addition of Type Pack Code for 463L Pallets.
* 3e. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data (including expanded field sizes) should be adopted during, or subsequent to, modernization when applicable to the Component’s business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.
* 4. Effective April 1, 2014, refer to ADC 1075. Users must reference the GENC Standard for country codes (https://nsgreg.nga.mil/genc/discovery) for a listing of authorized values. Under DLMS, use the GENC Digraph (two-character).
* 5. This revision to the DLMS Supplement (DS) incorporates Proposed DLMS Changes (PDCs) and Approved DLMS Changes (ADCs) listed.
* PDCs and ADCs are available from the Defense Logistics Management Standards website: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp
* ADC 309, NOA and NOA Reply Transaction Data Content/Mapping including Addition of Type Pack Code for 463L Pallets
* ADC 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) “Streamline” Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers
* ADC 448, Implementation of International Organization for Standardization (ISO) 3166-1 Codes for the Identification of Countries and their Subdivisions
* ADC 1098, Updates to DD Form 1348-5 Notice of Availability (NOA) and Corresponding DLMS 856N NOA and 870N NOA Reply
* See ADC 309.

The table below documents the DLMS Enhancements in this supplement, specifying the location in the SUPPLEMENT where the enhancement is located, what data in the SUPPLEMENT is a DLMS Enhancement, the DLMS notes (if any) that apply to that data, and useful comments about the enhanced data. Text in red has been changed since the last time this file was updated; deletions are indicated by strikethroughs.

| DS # | Location | Enhancement Entry | DLMS Note | Comment |
| --- | --- | --- | --- | --- |
| 4010 870N | 1/TD5/044 | Carrier Details (Routing Sequence/Transit Time) | Use to identify the ship mode (air or surface) to the final destination, the port of embarkation and the port of debarkation. Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098. | (Added by ADC 1098 on 3/4/15) |
|  | 1/TD502/044 | 7 Loading Dock | Use to identify the Port of Embarkation (DOD Code) associated with the ship mode (air or surface) to final destination. | (Added by ADC 1098 on 3/4/15) |
|  | 1/TD503/044 | Identification Code | Open TD503 | (Added by ADC 1098 on 3/4/15) |
|  | 1/TD504/044 | Transportation Method/Type Code | DLMS users see the Transportation Mode of Shipment Conversion Table for available codes. Refer to DLMS Introductory Note 2. | (Added by ADC 1098 on 3/4/15) |
|  | 1/TD507/044 | PB Port of Discharge | Use to identify the Port of Debarkation (DOD Code) associated with the ship mode (air or surface) to final destination. | (Added by ADC 1098 on 3/4/15) |
|  | 1/TD508/044 | Location Identifier | Open TD508 | (Added by ADC 1098 on 3/4/15) |
|  | 1/N101/050 | Entity Identifier Code  98 Freight Management Facilitator  IF International Freight Forwarder  CY Country Code | 3. For conversion between MILS and DLMS formats, the transaction originator will always be identified by Qualifier CY using MILSTRIP Country Code.  4. Identification of Freight Forwarder (FF) OR Country Representative (CR) are identified as DLMS enhancement; see introductory DLMS note 3a. Use of this enhancement requires a second iteration of the N1 loop (refer to ADC 309).  1. Use only one of code 98 IF or CY.  2. For DLMS use, only the following codes are authorized.  2. For conversion between MILS and DLMS formats, the transaction originator will always be identified by Qualifier CY using the SC Customer Code MILSTRIP Country Code.  3. Identification of the Freight Forwarder (FF) or Country Representative (CR) are identified as an Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098.DLMS enhancement; see introductory DLMS note 3a. Use of this enhancement requires a second iteration of the N1 loop (refer to ADC 309).  This is a DLMS enhancement Use to identify the FF originating the transaction set. Use to identify the designated FF to receive the transaction set. Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098.  1. Use to identify the SC Customer Code FMS country associated with the NOA reply.  2. Use as a DLMS enhancement to identify CR originating the transaction set. Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098. | See ADC 309. Correction and clarification of appropriate usage.  (Added by ADC 1098 on 3/4/15)  See ADC 309.  See ADC 309.  (Added by ADC 1098 on 3/4/15)  (Added by ADC 1098 on 3/4/15) |
| 1/N102/050 | N102 Name | This is a DLMS enhancement for identification of the FF or CR by clear text where coded address is not available. | See ADC 309. |
| 1/N103/050 | 38 Country Code  A2 Military Assistance Program Address Code (MAPAC) | Use with N101 Qualifier CY to identify the FMS country code (MILSTRIP) Security Cooperation Customer Code applicable to the NOA reply. (Must be consistent with the NOA and original requisition content). Use of the ISO country code is not authorized for this purpose. Note: The code list is the same as DLMS Qualifier Code list for Country and Activity Code, Qualifier 85).Use to identify the Security Cooperation Customer Code (previously known as the MILSTRIP Country and Activity Code). Refer to ADC 448 and ADC 1098.  This is a DLMS enhancement for use of the constructed MAPAC to identify the FF or CR. Requires coordination prior to use.  1 D U N S Number, Dun & Bradstreet  9 D U N S+4, D U N S Number with Four Character Suffix  10 Department of Defense Routing Identifier Code (DoDAAC)  M4 Department of Defense Routing Identifier Code (RIC)  DLMS Note: The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assess at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier. | Clarifies current mapping which perpetuates the MILSTRIP country code from the NOA Key Document number. See ADC 309.  (Added by ADC 1098 on 3/4/15)  Identifies a more appropriate DLMS enhancement of identification of the transaction originator and removes in appropriate options. Identifies a more appropriate DLMS enhancement of identification of the transaction originator and removes in appropriate options. See ADC 309. |
|  | LC Agency Location Code (US Government) | Use to identify the International Logistics Control Office (ILCO) SC Implementing Agency Code. Authorized values are restricted to those identified in DLM 4000.25, Volume 2 Appendix 7.2. Authorized DLMS enhancement; see DLMS Introductory Note 4e. Refer to ADC 1098. | (Added by ADC 1098 on 3/4/15) |
| 1/N106/050 |  | Move Federal Note | (Added by ADC 1098 on 3/4/15) |
| 2/HL/010 | DLMS Note | 1. The transaction set hierarchical data structure is address information, followed by overall shipment information.  2. Use the first 2/HL/010 loop iteration to provide transaction set address information.  3. Use the second 2/HL/010 shipment unit only as loop iteration to identify identified by the shipment information associated with the FMS notice transportation control number assigned to control the shipment. | (Added by ADC 1098 on 3/4/15) |
| 2/HL03/010 | V Address Information | Use address loop to identify the consignor (shipping activity initiating the NOA) and the ship-to when the ship-to instructions are different than those provided originally. | (Added by ADC 1098 on 3/4/15) |
| 2/REF01/087 | K1 Foreign Military Sales Notice Number | Must use only in 2/HL/010 shipment loops to identify the FMS NOA Notice number, which reflects the number of times the NOA has been sent to the Freight Forwarder/Country Representative assigned to the shipment. Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098. | (Added by ADC 1098 on 3/4/15) |
|  | TG Transportation Control Number (TCN) | Must use only in 2/HL/010 shipment loops to identify the number assigned to control the shipment between the shipper and consignee. | (Added by ADC 1098 on 3/4/15) |
| 2/N101/090 | ST Ship To | Use to identify the ship to address clear text address with or without the MAPAC when the ship to instructions are address is different than those provided originally what is contained in the MAPAD as originally identified by the address codes in the requisition. | (Added by ADC 1098 on 3/4/15) |
| 2/N103/090 | A2 Military Assistance Program Address Code (MAPAC) | Use to identify Security Assistance structured address data for the Ship To. Interpretation of this data may require additional codes cited elsewhere in the transaction. Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098. | (Added by ADC 1098 on 3/4/15) |
| 2/N2/100 | DLMS Note | Use with 2/N101/90 Code ST to identify in-the-clear exception ship-to name information if different than what is contained in the MAPAD as originally identified by the address codes in the requisition. Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098. | (Added by ADC 1098 on 3/4/15) |
| 2/PER06/140 | Communication Number | Open | (Added by ADC 1098 on 3/5/15) |
| 2/LQ01/145 | AJ Utilization Code | 1. Under DLSSLegacy MILSTRIP, this is the first position of the document serial number.  2. Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098. DLMS enhancement; see introductory DLMS note 3a.DLMS Enhancement; see introductory DLMS note 3a. | (Added by ADC 1098 on 3/5/15) |
|  | AL Special Requirements Code | Identifies the precedence, special handling, and processing requirements.   1. Use to identify the precedence, special handling, and processing requirements. 2. Under DLSS MILSTRIP, this is carried in the required delivery date field. 3. Authorized DLMS enhancement; see DLMS Introductory Note 3e. Refer to ADC 1098. 4. DLMS enhancement; see introductory DLMS note 3a. |  |