November 14, 2024

MEMORANDUM FOR RECORD

SUBJECT: Administrative Defense Logistics Management Standards Change 1378A Enhanced DLMS 940R Validations for Defense Logistics Agency (DLA) Warehouse Management System (Supply)

      The attached approved Memorandum for Record (MFR) administrative update is effective immediately. This administrative update does not change or eliminate any existing procedure or add any new procedures. This update for Reject Advice Code AR will be reflected in ADC 1378B and Appendix 2.8. Administrative ADC 1378B replaces ADC 1378A in its entirety.

      The Defense Enterprise Data Standards Office (DEDSO) point of contact is Wesley Best, DEDSO Supply, e-mail: DEDSO.Supply@dla.mil. Others must contact their designated Supply PRC representative available at http://www.dla.mil/HQ/InformationOperations/DLMS/allpoc/

                                  Sarah Winegardner
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                                  Office (CDAO)

Attachment:
As stated

cc:
ODASD(Logistics)
DLA J6DS

ADC 1378B
Addendum to ADC 1378A Enhanced DLMS 940R Validations for Defense Logistics Agency Warehouse Management System

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION

    a. Technical POC: Erin Fowles, DLA Information Operations J6 Project Management, Erin.Fowles@dla.mil

    b. Functional POC: Wendy Evans, DLA Distribution HQ J4 Transportation, Wendy.Evans@dla.mil

2. REFERENCES:

    a. Defense Logistics Manual (DLM) 4000.25, Volume 2, Chapter 4: Requisitioning

    b. DLM 4000.25, Volume 2, Appendix 2.8, Reject Advice Codes

3. APPROVED CHANGE(S):

    a. Brief Overview of Change: This change approves that the Defense Automatic Addressing System (DAAS) perform additional validations on DLMS 940R Materiel Release Orders and Redistribution Orders addressed to DLA's new Warehouse Management System (WMS).

    b. Background:

    (1) DLA is developing an application called the Warehouse Management System (WMS), which will replace the DLA Distribution Standard System (DSS). As part of the implementation, DLA is planning to leverage DAAS transaction validations to prevent erroneous transaction data from entering WMS and notify the sender when rejection occurs. Through the process of developing the transition of these validations from DSS to DAAS, DSS Audit agreed to integrate these validations to apply to the legacy DSS system, as well.

    (2) DAAS performs extensive validations on transactions received from requisitioning activities, but applies minimal validations to the DLMS 940R, materiel release orders and redistribution orders. While materiel release and redistribution orders perpetuate data from requisitions, these transactions occasionally contain erroneous information. Consequently, DLA Distribution personnel must manually review erroneous information sent to DSS and use offline methods such as e-mails or phone calls to notify the sender to correct and resubmit failed transactions. If attempts to communicate with the sender fail, the transactions stall in the system and fail to process.

    (3) To help DLA automate error handling, this change approves enhanced validations on DLMS 940R Materiel Release Orders and Redistribution Orders addressed to WMS or DSS as shown in paragraph 3.c. If a transaction fails validation, DAAS will reject the Attachment, ADC

1378A Page 1 transaction and send a DLMS 824R Reject Advice transaction with a reject advice code to the sender. The sender must then correct and resubmit the transaction. By leveraging DAAS, WMS and DSS will minimize the time and effort that DLA Distribution personnel spend processing erroneous transactions.

(4) After PDC 1378 staffing, DLA noted that Enterprise Business System (EBS) generated DLMS 940Rs should be excluded from the proposed DAAS edit. EBS has no inbound interface to process an 824R rejection transaction. DLA found that developing a new DLMS 824R interface is unnecessary in light of DLA's project to migrate EBS to the cloud to facilitate a single enterprise resource planning (ERP) instance that integrates with WMS without the need for electronic data interchange (EDI) transactions.

c. **Approved Change in Detail:**

(1) DAAS will validate non-DLA originated DLMS 940R Materiel Release Orders and Redistribution Orders addressed to DLA's WMS or DSS systems. If a transaction fails validation, DAAS will send a DLMS 824R Reject Advice transaction to the originator citing the applicable reject advice codes contained in DLM 4000.25, Appendix 2.8, Reject Advice Codes (Reference. 2.b.).

(2) Establishes a new reject advice code for unit of issue, as shown in Enclosure 1.

(3) The table below contains the validation criteria that will be used on the DLMS 940R and reject advice codes that will be sent from DAAS to the component on the DLMS 824R. The validations in this ADC are only applicable to 940R transactions addressed to the DLA Warehouse Management System or Distribution Standard System. The respondents to the proposed change were asked to use the following criteria to determine the appropriate response for their respective Service/Agency (S/A):

1. Concur if your S/A concurs with the change as written.

2. Concur with comment if your S/A concurs with the change and would like DAAS to perform the enhanced validations for DLMS 940R transactions created or received within your respective S/A.

DAAS Validations on the 940R			
Location	**Data Element**	**Criteria**	**Reject Advice Code and Definition**
2/W01/0200	**Quantity Ordered**	Reject if blank or invalid	**DD** – Rejected. Quantity Missing/Invalid
2/N901/0400 Qualifier TN	**Transaction Reference Number**	Reject if the authority code does not authorize the DoDAAC to perform the action indicated. This is the requisitioner, identified as the first six positioners of the document number	**BV** – Rejected. DoDAAC in the transaction does not have the appropriate authority code for its intended use
		Reject if Invalid	**BZ** – Rejected. DoDAAC or MAPAC is not valid in DAAS
2/N90701/0400 Qualifier W8	**Suffix Code**	Reject if 0,1, I, N, O, P, R, S, or Z	**DM** – Rejected. Suffix Code invalid
2/LQ01/1300 Qualifier A9	**Supplemental Data**	Reject if the authority code does not authorize the DoDAAC to perform the action indicated by the signal code	**BV** – Rejected. DoDAAC in the transaction does not have the appropriate authority code for its intended use
		Reject if signal code passed = J, K, L, M, X (Volume 2, Appendix 7.10) AND if the supplementary address is missing or invalid AND the requisitioner service/agency code is not B, D, K, P, or T (Security Assistance/MAPAC) (Volume 2, Appendix 7.2).	**BZ** – Rejected. DoDAAC or MAPAC is not valid in DAAS
		Reject if signal code passed = A, B, C, D, J, K, L, M, W, or X (Volume 2, Appendix 7.10) AND if the supplementary address is missing AND requisitioner service/agency code = B, D, K, P, or T (Security Assistance Use Only/MAPAC) Appendix 7.2 and 8.3	**BZ** – Rejected. DoDAAC or MAPAC is not valid in DAAS
2/LQ01/1300 Qualifier DE	**Signal Code**	Reject if signal code is other than A, B, C, D, J, K, L, M, W, X, or blank for legacy 80 record position MILS transactions only	**AH** – Required Signal Code invalid or blank
2/LQ01/1300	**Advice Code**	Reject if invalid	**DN** – Rejected. Advice Code invalid
2/LQ01/1300 Qualifier 83	**Supply Condition Code**	Reject if blank or invalid	**AM** – Rejected. Supply condition code invalid or blank
2/W0102/0200/355	*Unit of Issue*	*Reject if invalid*	*AR- Rejected. Unit of issue incorrect.*

    d. Revisions to DLM 4000.25 Manuals: Update DLMS Volume 2, Appendix AP2.8. See Enclosure 1.

e. Approved Transaction Flow: This change does not modify the existing DLMS 940R transaction flows. DAAS will continue to use the DLMS 824R Reject Advice transaction to notify the sender if a transaction fails one or more business rule validations.

f. Alternatives: None identified.

4. REASON FOR CHANGE: Automated error handling and removing manual intervention is a top priority for DLA.

5. ADVANTAGES AND DISADVANTAGES:

    a. Advantages:

        (1) This change will prevent materiel release orders and redistribution orders with invalid data from entering the DLA WMS or DSS systems. DLA Distribution personnel will no longer need to manually review failed transactions and notify the sender. Instead, DAAS will automatically notify the sender of the erroneous transaction and provide a reject advice code.

        (2) This change will also expand the use of reject advice codes as an alternative to DAAS narrative rejects. DAAS narrative rejects provide an abbreviated narrative explanation for the rejection. These narratives are difficult to understand and the DLMS trading partners have no visibility of the associated exception code. In contrast, reject advice codes are available in the DLM 4000.25, Volume 2, Appendix 2.8 (Reference 2.b.), and they provide a clear reason for rejection.

    b. Disadvantages: None identified

6. ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT: This change assumes that DAAS will continue to catch syntax errors and provide a DLMS 997 Functional Acknowledgement to the sender.

7. ADDITIONAL FUNCTIONAL REQUIREMENTS: DLA supports the DLMS compliant and standard use of the 824R for its ability to notify DLA systems of errors and invalid data in its outbound transactions. DLA leverages both an inbound and outbound transaction in its business processes and technical solution to avoid impacting external customers and ensure data integrity through the Supply Chain and Materiel Lifecycle.

8. ESTIMATED TIMELINE/IMPLEMENTATION TARGET: 01/31/2021

9. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE: Not available.

10. IMPACT:

    a. New DLMS Data Elements: None

    b. Changes to DLMS Data Elements: Update the DLMS data dictionary and LOGDRMS to include the following reject advice codes values in the DLMS 824R, LQ02, Data

Element 1271 identified in Enclosure 1:

      c. **<u>Automated Information Systems (AIS):</u>** This change impacts the following information systems:

      (1) DLA: Warehouse Management System

      (2) DLA: Distribution Standard System

      (3) Non-DLA: DLMS-capable systems that send transactions to DLA distribution centers.

      d. **<u>Defense Automatic Addressing System (DAAS):</u>** Implement the validations contained in paragraph 3.c. and use the provided reject advice codes.

      (1) The validations are applicable transactions that meet the following criteria:

      (a) DLMS 940R (DIC A5_ (including A5J)) and (DIC A2_)

      (b) Destination Communication Routing Identifier (COMMRI) identifies WMS

      (c) Destination COMMRI identifies DSS

      (d) Originating COMMRI does not identify EBS

      (2) Use the translation table to determine if the sender is DLMS-capable. If the sender is DLMS-capable, provide the applicable reject advice code. If the sender is not DLMS-capable, DAAS will reject using DIC DZG per Volume 2, Appendix 2.8.

      e. **<u>Non-DLM 4000.25 Series Publications</u>**: Participating services/agencies should update their respective publications to address the additional validations and reject advice codes.

Enclosure 1

Defense Logistics Manual (DLM) 4000.25, Volume 2, Supply Standards and Procedures

Make the following change to Volume 2. Updates are shown in ***red bold italics*** text.

Appendix 2.8 Reject Advice Codes

This update for the following Reject Advice Code will reflect in ADC 1378B and Appendix 2.8

CODE   EXPLANATION

AR   ***Rejected.   Unit of issue incorrect.***