



LOGISTICS AND
MATERIEL READINESS

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

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Change 2

DEFENSE AUTOMATIC ADDRESSING SYSTEM CHANGE 2

I. This change to DLM 4000.25-4, Defense Automatic Addressing System (DAAS), June 2012, is published by direction of the Deputy Assistant Secretary of Defense for Supply Chain Integration under the authority of DoD Instruction (DoDI) 4140.01, "DoD Supply Chain Materiel Management Policy," December 14, 2011. Unless otherwise noted, revised text in the manual is identified by ***bold, italicized*** print. The exception would be when the entire chapter or appendix is replaced, or a new one added. Change 2 also includes administrative updates: The title of DoDM 4140.1-R is updated to DoDM 4140.01. In accordance with new direction for issuances, "shall" has been replaced by "will", "must", or other appropriate words or phrases throughout the updated documents. In accordance with DLA General Order No. 07-15 (09/14/2015), references to "DLA Transaction Services" are changed to "Transaction Services", and "DLA Logistics Information Services" to "Logistics Information Services."

II. This change includes Approved Defense Logistics Management Standards (DLMS) Changes (ADC) published by Defense Logistics Management Standards Office memorandum:

A. ADC 1177 dated December 8, 2015. Documents the interim state routing solution that has been developed and tested by the Defense Security Assistance Development Center (DSADC) for the SCES Program, working in cooperation with Naval Supply Systems Command, Weapon System Support (NAVSUP WSS), DLMSO, and Transaction Services.

B. ADC 1178 dated August 5, 2015, Revises DoDAAD Bureau Codes (DoDAAD); no changes to DLM manuals.

III. The list below identifies the chapters, appendices, or other files from the manual that are updated by this change:

Added or Replaced Files

Change History Page

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IV. This change is incorporated into the on-line Defense Logistics Management Standards manual at the Defense Logistics Management Standards Office Website www.dlmso.dla.mil/eLibrary/manuals/dlm/dlm_pubs.asp, and the PDF file containing the entire set of change files is available at www.dlmso.dla.mil/eLibrary/Manuals/DLMS/formal_changes.asp.


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DEFENSE AUTOMATIC ADDRESSING SYSTEM (DAAS)

PROCESS CHANGE HISTORY

ADC Number	Date	Change Description	Change Number
1086	6/18/2014	<p>Create New Materiel Receipt Acknowledgement (MRA) Source of Supply Report, Create Requisition/Initial Supply Transaction Download File and Eliminate the Shipment Discrepancy Report by Depot. Eliminates the MRA 04, Shipment Discrepancy Report by Depot; creates a new MRA Report by Source of Supply to enable wholesale inventory control points (ICP) to report metrics on how well the Services acknowledge receipt of materiel the wholesale ICP shipped out of wholesale assets, for a given Component; and creates a requisition data download file capability after accessing the MRA Report Detail page for all reports. Revises Appendix 5, Logistics Information Data Services (LIDS).</p>	1
1087	6/12/2012	<p>Revise Materiel Receipt Acknowledgement (MRA) Report Selection Criteria to Reflect the MRA Process Exclusion for Receipt Transaction Reporting. Revises the MRA Report selection criteria to exclude intra-Component shipments of wholesale assets when those assets are reported by a Materiel Receipt (aka Receipt) transaction to the issuing wholesale Inventory Control Point (ICP), rather than by an MRA transaction. Revises Appendix 5, Logistics Information Data Services (LIDS).</p>	1

ADC Number	Date	Change Description	Change Number
1088	10/1/2014	<p>Joint Supply/Logistics Metrics Analysis Reporting System (LMARS) Changes to the Materiel Receipt Acknowledgement (MRA) Report Criteria and Documentation of MRA Report Business Rules. Identifies changes required to update the LMARS and corresponding MRA Report business rules; updates MRA Report selection criteria by MILSTRIP legacy document identifier code (DIC) (and corresponding DLMS transaction); and aligns the MRA exclusions identified in the DLM 4000.25-2, DLM 4000.25, and DLM 4000.25-4 Manuals. Revises Appendix 5, Logistics Information Data Services (LIDS). Establishes Appendix 7, MRA Report Business Rules.</p>	1
1177	12/8/2015	<p>Security Cooperation Enterprise Solution (SCES) Interim State Logistics Routing Solution Documents the interim state routing solution that has been developed and tested by the Defense Security Assistance Development Center (DSADC) for the SCES Program, working in cooperation with Naval Supply Systems Command, Weapon System Support (NAVSUP WSS), DLMSO, and Transaction Services. Revises Appendix 2, International Logistics Communications System (ILCS).</p>	2
1178	8/5/2015	<p>DoDAAD Bureau Codes (DoDAAD) Revises DoDAAD Bureau Codes (DoDAAD); no changes to DLMS manuals</p>	2

AP2. APPENDIX 2

INTERNATIONAL LOGISTICS COMMUNICATIONS SYSTEM (ILCS)

AP2.1. GENERAL

The ILCS provides a logistics communications service for Foreign Military Sales (FMS) countries, FMS freight forwarders/contractors and other Department of Defense (DoD) Activities. This service provides a telecommunications capability that allows an FMS customer to exchange logistics related information with the U.S. Government and the DoD logistics community. FMS customers interested in acquiring ILCS services must notify the appropriate International Logistics Control Office (ILCO). The respective ILCO: Air Force Security Assistance Center (AFSAC), United States Army Security Assistance Command (USASAC), or Naval Supply Systems Command (NAVSUP), will interface with Transaction Services to acquire the required services via a new or existing FMS case. The ILCS utilizes the Defense Logistics Agency (DLA) Transaction Services' Automated Message Exchange System (DAMES) software package, allowing the subscriber to interactively build requisitions and/or narrative messages in DAMES or upload data to DAMES from another system. Transmitting and receiving of these messages and/or data is accomplished via a Secure File Transfer Protocol (SFTP) connection, or an Async to Point to Point Protocol (PPP) dial up connection, linked to the Defense Automatic Addressing System (DAAS):

AP2.1.1. Delivery. Transaction Services receives the ILCS message traffic for editing, validating, verifying, routing, and delivering the transactions to the appropriate destination. The ILCOs provide approval for Countries to receive various data. Transaction Services customizes the data according to each ILCO/Military request.

AP2.1.2. Routing. Transaction Services routes the ILCS message traffic in accordance with the ILCS subscriber destination Communications Routing Indicator (COMMRI) and any associated business rules.

AP2.1.3. Policy. Under existing policy, ILCS traffic addressed to the DAAS COMMRI must be sent via existing communications channels between Transaction Services and the appropriate ILCO **management information system**, where the logistics transactions are validated against established FMS cases. Military Standard Requisitioning and Issue Procedures (MILSTRIP) transactions will be processed individually and forwarded to the appropriate Military Service (**Air Force** – Security Assistance Management Information System (SAMIS), **Army** – Centralized Integrated System for International Logistics (CISIL), or **Navy** – Management System for International Logistics (MISIL)) for

further service specific processing. After passing validation edits, requisitions will be sent to the appropriate Source of Supply (SOS).

AP2.1.3.1. *The Security Cooperation Enterprise Solution (SCES) sponsored by the Defense Security Cooperation Agency (DSCA) is a tri-Service solution that will replace the aforementioned ILCO management information systems through staggered implementation. Upon completion of Service implementation, ILCS traffic will be forwarded to SCES based on the document number Service/Agency code (which equates to the Security Cooperation (SC) implementing agency code). Pending completion, the legacy ILCO management systems will be responsible for ensuring that cases managed by SCES are forwarded to SCES by inserting the applicable Defense Security Cooperation Agency (DSCA) RIC, distribution code, and fund code values.*

AP2.1.4. Non-DAAS CommRIs. ILCS traffic, with non-DAAS destination CommRIs, are relayed by Transaction Services, via the appropriate communications network, to the activities represented by the destination CommRIs. Examples are freight tracking transactions and/or narrative messages exchanged between an FMS subscriber and its freight forwarders/contractors.

AP2.2. SYSTEM DESCRIPTION

The ILCS is an internet PC-based software communications system designed for the FMS community and DoD Services/Agencies with Transaction Services as the central interface point. The Transaction Services ILCS network consists of three automated systems: (1) the Service Oriented Messaging Architecture (SOMA), (2) the DAMES stand-alone PC application, and (3) the ILCS subscriber's system. The normal mode of communication for the ILCS community is via the Transaction Services DAMES communications software package, although there are other communications methods available. DAMES users, connect via an Internet Service Provider (ISP), using SFTP or Async to PPP, which provides connectivity to the entire DISN customer base. Message traffic from an ILCS subscriber flows from their local system to the Transaction Services' SOMA and then to the DoD logistics community via appropriate communications networks. Message traffic transmitted to an ILCS subscriber flows from SOMA directly to the subscriber's DAMES system. The message traffic exchange path for the ILCS is described as follows:

AP2.2.1. SOMA. A highly reliable, high availability relational database environment that provides telecommunications interoperability and network connectivity. All logistics transactions received in messages from ILCS subscribers are processed by Transaction Services for the purpose of editing and applying the DoD Components' business rules and procedures. SOMA can interface through a variety of communications networks using numerous worldwide standard protocols.

AP2.2.2. DAMES. The DAMES PC Software Package is a fully automated telecommunication software package designed for use on a PC system. The installed DAMES software provides the ILCS subscriber with a true 'stand-alone' telecommunications terminal or it can be designed to act as a 'front-end processor' to a subscriber's existing telecommunications network. DAMES has been implemented on PC systems because of their relative low cost, small physical footprint, and proven reliability under a wide range of operating environments. DAMES communications are via the internet. through either a VAN or ISP, or via an Async to PPP connection.

AP2.3. ILCS SYSTEM OPTIONS

An ILCS connection may be provided for the subscriber in one of two ways:

AP2.3.1. Subscriber's Use of an Existing PC System. The ILCS subscriber can use an existing PC system with communications capability. Transaction Services will provide the prospective subscriber with specifications and technical assistance to allow them to install the DAMES software package on their existing PC system.

AP2.3.2. Transaction Services Developed Turnkey PC System. This option is available to an ILCS subscriber within four to six months from signing a letter of agreement with their appropriate ILCO. The turnkey PC system provides the subscriber with everything needed to implement its ILCS connectivity, such as, hardware, software, training, and installation of the system at the subscriber's designated location. The DAMES software package is menu driven and provides for easy system operation. An important feature of the software is the interactive message preparation function, where messages can be entered directly into the computer in an online mode, instead of preparing messages off-line. This feature eliminates the requirements for formatting, editing, and double keying of messages, since the operator only has to follow the instructions on the menu and insert the message text.

AP2.4. SYSTEM ORIENTATION AND TRAINING

When a subscriber procures the turnkey system, the complete system is installed at the Transaction Services facility for a period of up to 60 calendar days. During this period, the system undergoes a complete 'hot-stage' testing phase. After the 'hot staging' is completed, the system is de-installed and shipped to the subscriber's designated receiving point. After the system has been received at the subscriber's ILCS location, Transaction Services personnel are dispatched to perform the system installation and orientation training for the subscriber's designated personnel. The orientation training consists of hardware familiarization, and DAMES software and system operations training. As FMS countries acquire more sophisticated and costly weapon systems, rapid communications of logistics data becomes more essential in obtaining an acceptable readiness posture. The ILCS provides a direct, rapid connection,

between FMS subscribers and the U.S. logistics community. By reducing the time that logistics transactions are within the communications pipeline, improvements in the FMS subscriber's readiness posture occur by ensuring earlier receipt of needed materials.

AP2.5. SYSTEM COSTS

The investment and recurring costs of the ILCS are reimbursed by the FMS country to the U.S. Government annually under an established FMS case.

AP2.6. WORLDWIDE CUSTOMER BASE

ILCS has been operational since 1979 and, since its inception, has been extended to over 40 countries and their associated FMS freight forwarders/contractors. Currently, there are more than 100 individual ILCS system connections operating throughout the world.