

DLMS INTRODUCTORY TRAINING

Module 3 - DLMS Functionality & Trans Life-Cycle

DLMS Introductory Training



Defense Logistics Management Standards (DLMS) Introductory Training



***DLMS Functionality &
Transaction Life-Cycle***

Module 3 1

DLMS Introductory Training



DLMS Training Catalog

- Module 1 - Introduction to the DLMS
- Module 2 - Electronic Data Interchange (EDI) Basics and ASC X12 EDI Definitions and Concepts
- Module 3 - DLMS Functionality & Transaction Life-Cycle
- Module 4 - DLMS Implementation Convention Content
- Module 5 - IUID & RFID - Emerging Technologies
- Module 6 - Creating/Reengineering DOD Logistics Business Processes
- Module 7 - Enterprise Interoperability Tools
- Module 8 - DoD Activity Address Directory (DoDAAD)
- Module 9 - Supply Discrepancy Reporting (SDR)
- Module 10 - DLMS Functional Financial Transaction (standalone)
- Module 11 - Creating/Reengineering DOD Logistics (standalone)

<http://www.dlmsso.dla.mil/>

Module 3 2

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Module 3 - DLMS Functionality & Trans Life-Cycle

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Module 3 Structure

DLMS Functionality & Transaction Life-Cycle

- Relationship Between the DLMS EDI & MILS
- DLMS Functionality by Transaction
- DLMSO Web Site Navigation

Module 3 3

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Module 3 Objectives

Students will gain a basic understanding of:

- Relationship of the DLMS and MILS data formats
- High level functionality of the DLMS
- Relationship among DLMS business transactions
- Breadth of functionality covered by the DLMS
- Functional and data enhancements afforded by DLMS
- How to navigate the DLMSO web site as a DLMS resource

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Data Relationship Between the DLMS EDI and the MILS 80 Record Position Fixed Length Data Field formats

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EDI Document Structure

The MILS Fixed Format Requisition

0102030405060708091011121314151617181920212223242526272829303132333435363738394041424344454647484950515253545556575859606162636465666768697071727374757677787980

RP's	Field Legend	Sample Data	DLMS EDI Format
01-03	Document Identifier	A01	ST*511*00000001^
04-06	Routing Identifier	SMS	BR*00*A0*20000729*****431708^
07	Media and Status	B	N1*OB**10*FB2300**FR^
08-22	Stock Number	5910001234567	LX*1^
23-24	Unit of Issue	EA	N9*TN*FB230093070001^
25-29	Quantity	1	PO1**1*EA***FS*5910001234567^
30-43	Document No	FB230093070001	DD*R*74^
44	Demand	R	LM*DF^
45-50	Supplementary Address		LQ*0*A01^
51	Signal	A	LQ*78*9GF^
52-53	Fund	KZ	LQ*79*08^
54-56	Distribution		LQ*80*2A^
57-59	Project	9GF	LQ*DE*A^
60-61	Priority	08	LQ*DF*B^
62-64	Reqd. Delivery Date	777	LQ*AL*777^
65-66	Advice	2A	N1*Z4**M4*SMS**TO^
67-69	Blank (Date of Rcpt on Referral/Passing Order)		FA1*DY*D340^
70-80	Blank (Intra-Service use)		FA2*B5*KZ^
			SE*14*00000001^

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DLMS & MILS Transaction Relationship

DLMS	MILS Document Identifier Code (DIC)
DLMS 527R – Receipt	D4M/D4S/D4U/D4V/D4X/D4Z/ D6A/D6B/D6C/D6D/D6E/D6G/D6H/D6J/ D6K/D6L/D6M/D6N/D6Q/D6R/D6T/D6U/ D6V/D6X/D6Z/ DRA/DRB/DRF/ DXA/DXB/DXC/DXD/ DZK
1 DLMS Transaction	33 MILS Transactions 5 Families

Transactions within a MILS family:

- Same first 2 characters of the Document Identifier Code
- Data content nearly identical -- lots of reusability

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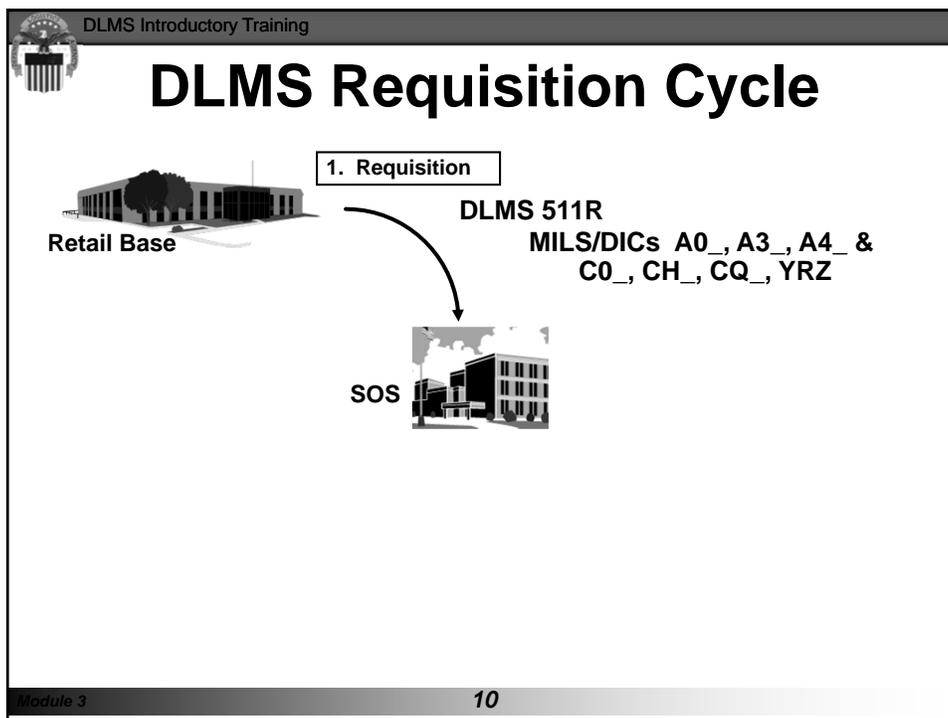
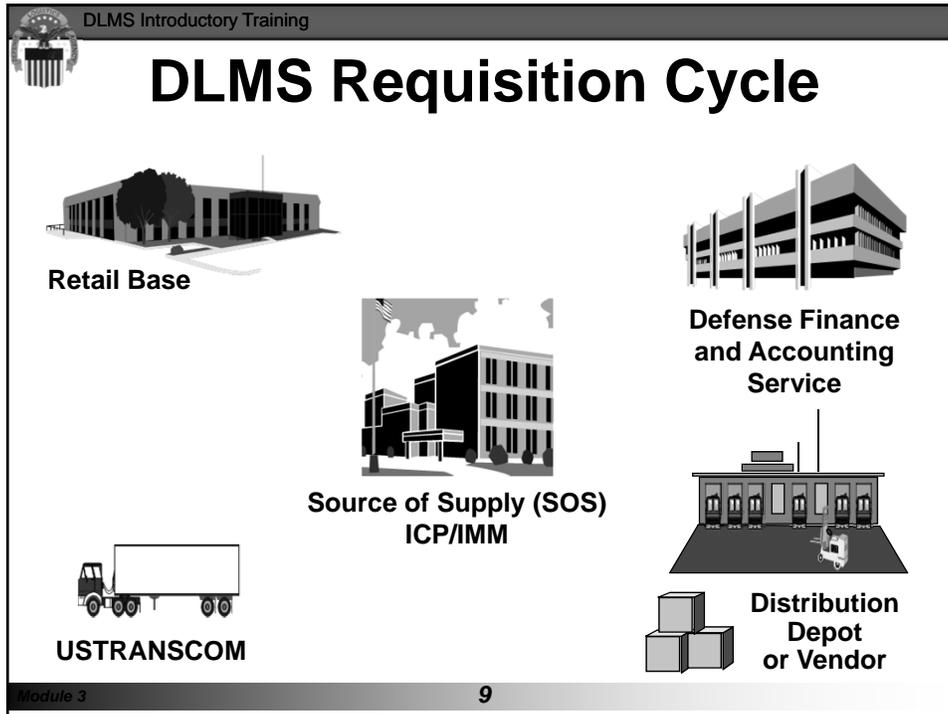


DLMS Functional Transaction Life-Cycle Overview

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DLMS 511R, Requisition

Basic Functionality <ul style="list-style-type: none">• Standard and non-standard materiel• Government-furnished materiel (GFM)• Security Assistance• Passing orders• Referral orders	DLMS Enhancements <ul style="list-style-type: none">• Transaction set preparation date/time• Unit Price/Total Dollar Value• Utilization code• Special requirements code• Points of contact• Detailed line of accounting components
--	--

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DLMS 511R, Enhancements Applicable to Non-Standard Materiel

<ul style="list-style-type: none">• Supporting Document No.• Color• Drawing Revision No.• Catalog Number• Series Identifier• Model Number• Figure Number	<ul style="list-style-type: none">✓ General Specification No.✓ Manufacturer's Name✓ Process Number✓ Publication Number✓ Dimension/Measurement✓ Material Description✓ Potential Source of Supply✓ End Item Manufacturer
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Module 3 - DLMS Functionality & Trans Life-Cycle

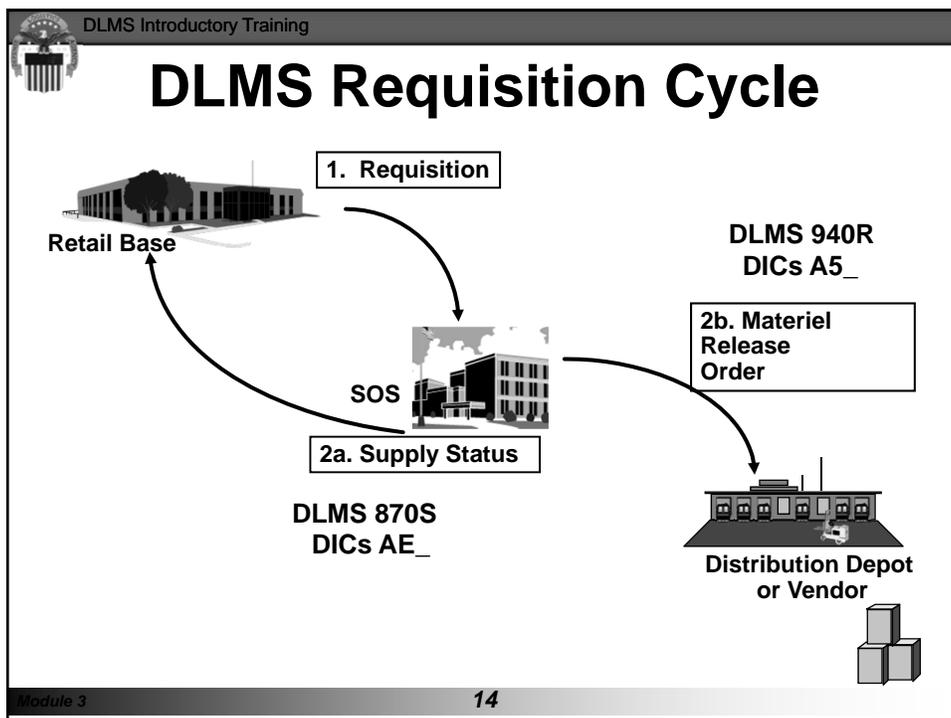
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DLMS 511R, Requisition

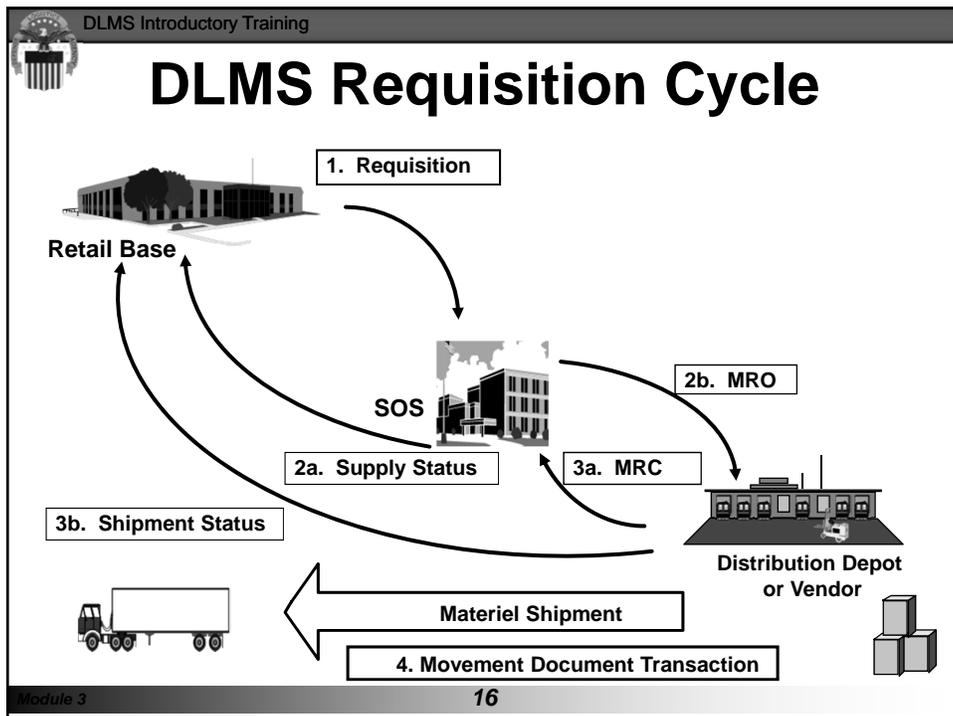
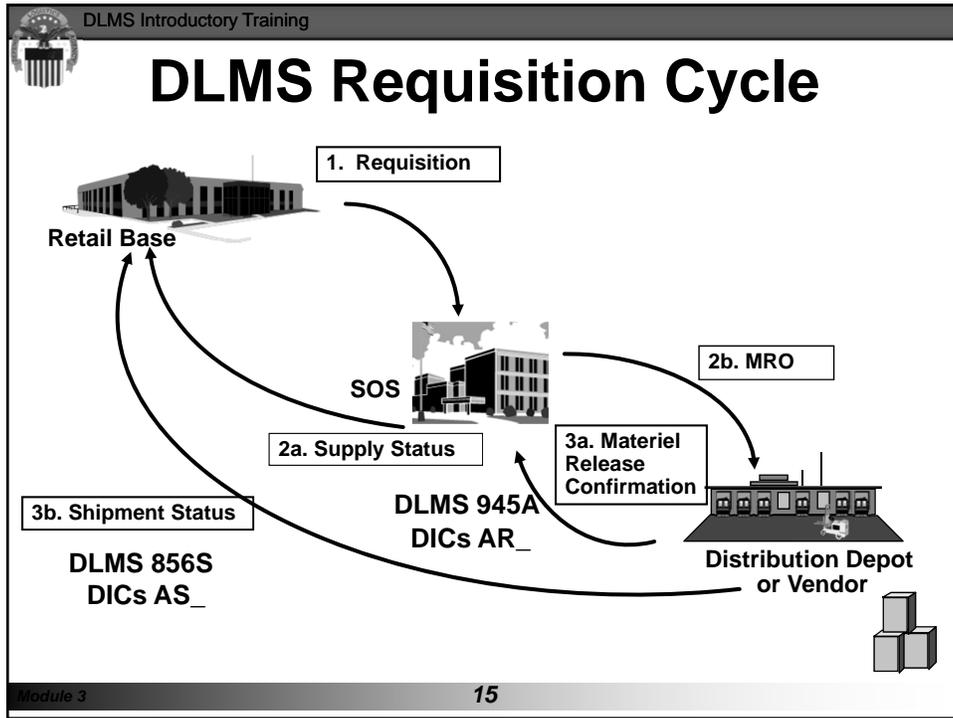
After initial submission

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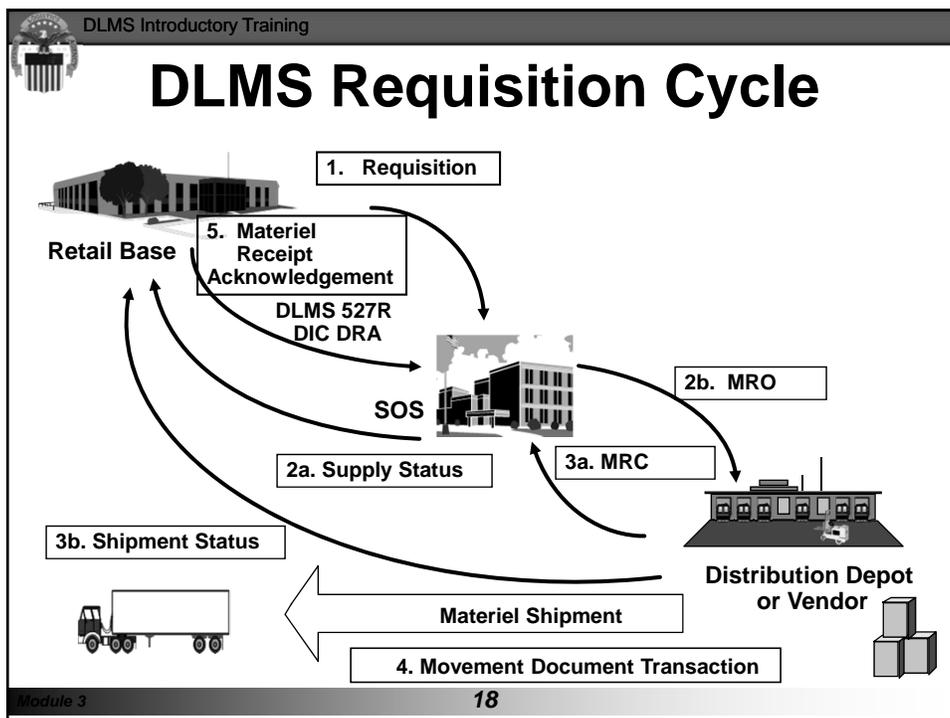
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Transportation

- USTRANSCOM leading transportation reengineering efforts
- DOD goal is a paperless business environment using e-Business
- Wide range of transportation specific ICs
- Procedures governed by DTR

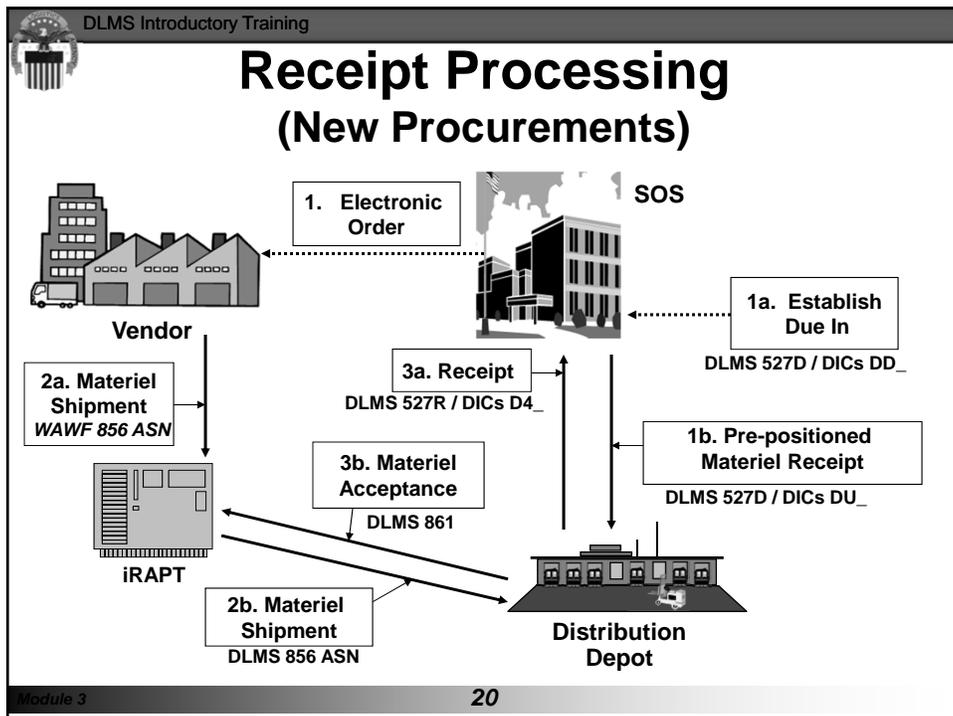
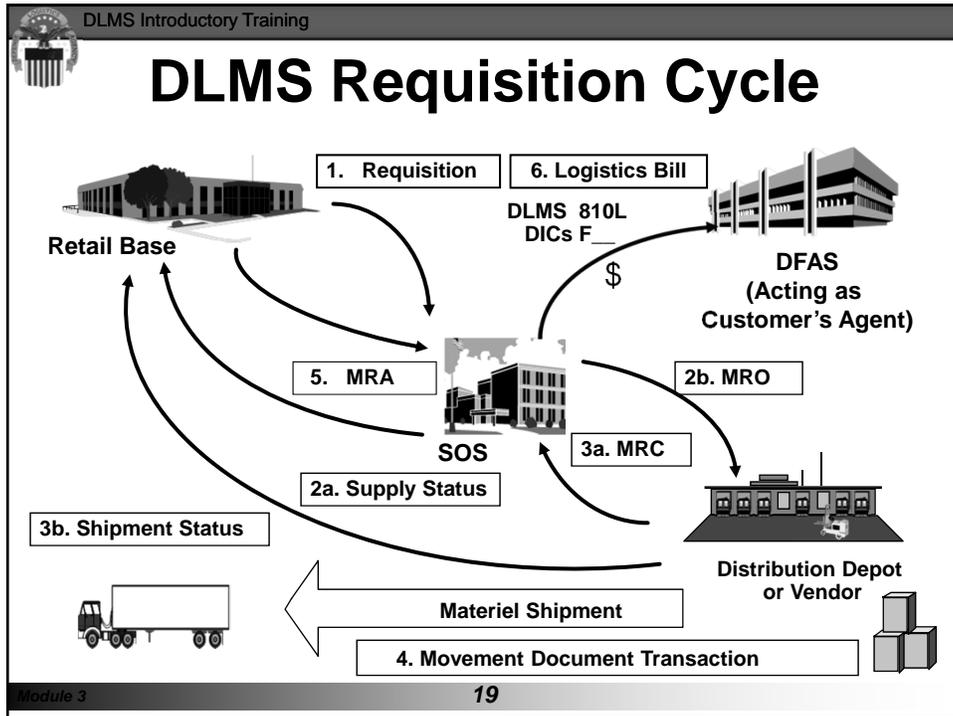


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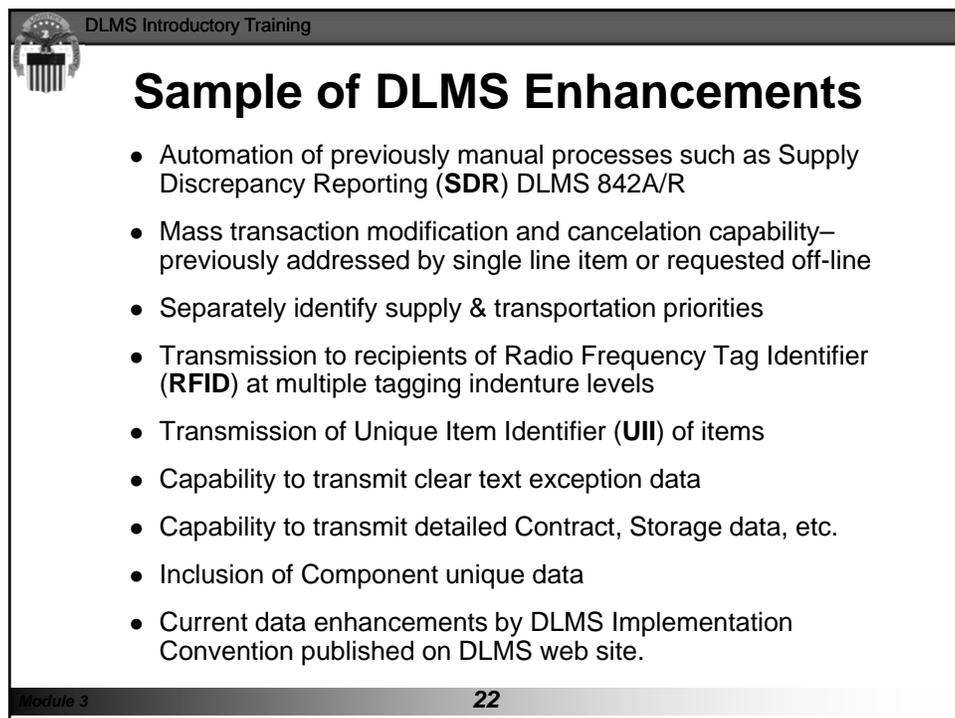
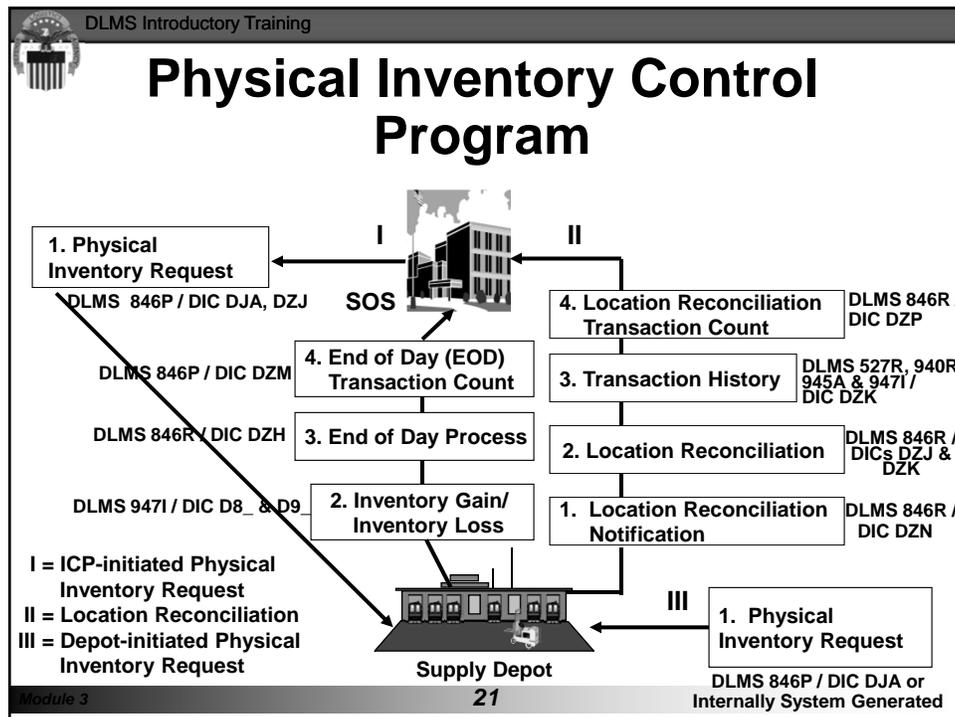
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DLMS GFP Accountability Enhancements

New transaction data & business rules required by ADC 390, 1014 and 1014A:

- Full DFARS contract number data in GFP requisitions DLMS 511R.
- Include contract data in the DLMS 527R Receipt and MRA transactions.
- MCA or DAAS when acting on behalf of the MCA perpetuate contract number data in requisition 511R and MCA Validation DLMS 517G.
- Source of supply (SOS) perpetuate the GFP contract data in the Materiel Release Order (DLMS 940R) sent to supply depot for stock issues.
- Shipping activity or SOS, as applicable, to perpetuate the GFP contract number data to the shipment status (DLMS 856S).
- Contractors using DLMS transactions & shipping GFP into DOD inventory identify GFP contract data in shipment status transaction (DLMS 856S or 856R) and shipping documentation.
- Include contract data in the DLMS 940R when used to direct reparable for induction to commercial maintenance & perpetuate contract data in status trans.
- Contract number on the DLMS 856S, Shipment Status, when used for DD 1149 requirements and shipping to a contractor as GFP.
- Stock issues require the shipping activity to identify the GFP contract number on the Issue transaction DLMS 867I.

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DLMS Functionality

MILSTRIP 180M, 511M, 511R, 517G, 517M, 856N, 856R, 856S, 869A, 869C, 869F, 870M, 870N, 870S, 940R, 945A	MILSTRAP 527D, 527R, 536L, 830R, 830W, 846D, 846F, 846I, 846M, 846P, 846R, 846S, 867D, 867I, 870L, 888I, 947I	MILSBILLS 810L, 812L, 812R, FV1 (XML), FV2 (XML)
Discrepancy/ Deficiency Programs 842A/R, 842A/W, 842C/I, 842C/R, 842P, 842S/Q, 842S/R	Contract Administration 567C, 856, 861	Disposition Services 832N, 846C, 996H, standard MILSTRIP, MILSTRAP, MILSBILLS
BRAC IMSP 832N, 940S, 943A, standard MILSTRIP, MILSTRAP, MILSBILLS	Small Arms/ Light Weapons 140A, 888A	Medical Unit Assembly Program 650A, 650C
Asset Reclassification 846A	Demand Data Exchange 830D	Weapon System 888W
Transportation/pRFID Visibility (XML), Visibility Response (XML), Reader Registration (XML)	General 824R, 997	

*Reference Tab N for details

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The DLMSO Web Site A Valuable Resource



www.dlmsso.dla.mil

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Easy Access To:

- Latest published MILS & DLMS manuals
- DLMS Implementation Conventions
- DLMS XML Schemas
- Process change documentation (PDCs, ADCs)
- Committee information
- DLMS Dictionary
- Logistics Data Resources Management System (LOGDRMS) - <https://www.dlmsso.dla.mil/logdrms/>
- DLMS Training
- And more – worth exploring!!!

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Welcome to Defense Logistics Management Standards Office

DLMS Center of Excellence

Mission: Facilitate continuous enterprise integration process improvements in logistics management and operations.

Objective: Consistently improve, develop, and enhance logistics processes and procedures through state of the art best business practices and the use of taxpayer dollars in support of the warfighter. Accurate transaction processing (Systems) to variable length records made possible by Defense Logistics Management Standards (DLMS) processing. Develop, coordinate, and publish Defense Logistics Manuals (DLMs) and related publications providing guidance for emerging Enterprise Resource Planning (ERP) programs. Preserve legacy operations until DoD enterprise has transformed their respective operations.

Quick link to the DLMS Implementation Conventions

HOT TOPICS:

- DLMS Implementation

Events/Meetings:

DLMS Video:

- DoD's Logistics Support Solution
- DoD's Logistics Support Solution (w/captions)

Latest Info:

- DoD 411 - Email Address Lookup
- DoD Whitepages - Improved DoD Email Address Lookup

DEPSECDEF SUPPORTS DLMS MIGRATION/OSD/AT&L MANDATES DLMS COMPLIANCE

Deputy Secretary of Defense signed DoD Directive 8190.01E "Defense Logistics Management Standards" policy on January 9, 2015. The OSD/AT&L Functional Strategy of 2013 mandates DLMS compliance by 2019. Accountability will be enforced through the Defense Business Council's Capital Planning and Investment Control process.

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Home > eLibrary > Transaction Formats > All Formats

DLMS Implementation Conventions - Transaction Schemas

This page contains several formats of the Implementation Conventions: .pdf and .sef; XML Schema .xsd.

Bookmarks to sections of this page: 140; 180; 511; 517; 527; 536; 567; 650; 810; 812; 824; 830; 832; 842; 846; 856; 857; 867; 869; 870; 888; 940; 943; 945; 947; Passive RFID

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Click to Print Table Below

No.	X12 Version	Federal IC	DLMS IC*	Associated DLMS Change**	Title	DLMS Enhancements	DIC
140A	4010	7 Aug 08	004010F140A2AA06 Aug0315 004010F140A2AA06 Aug0315 004010F140A2AA06 Aug0315	ADCs: 77 147 171 220 249 436 1043C 1136	Small Arms & Light Weapons (SA/LW) Reporting	140A	DSC DSD DSF DSM DSR
180M	4010	6 Nov 05	004010F180M3MA10 Aug0315 004010F180M3MA10 Aug0315 004010F180M3MA10 Aug0315	ADCs: 60 60A 60B 77 170 435 436 1043 1043A 1043B 1043C 1136	Materiel Returns Reporting	180M	FTA FTC FTF FTE/FTG FTT

Related Links:

- Proposed Changes
- Deferred Changes
- Approved Changes
- DLMS Enhancements PDF
- DoD XML Registry
- Finance PRC
- Supply PRC
- Get MS Word Viewer
- Get Adobe Reader

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511M	4010	18 May 09	004010F511MSMA39 Dec0715 004010F511MSMA39 Dec0715	ADCs: 59 69A 75 76 77 97 169 186 221 221A 243 263 264 274 276 284A 322 328 352 359 375 377 381 381B 435 436 448 448B 466 473 473A 1009A 1014 1014A 1020 1023 1043 1043A 1043B 1043C 1050 1068 1075 1110 1123 1136 1184 PDC 1176 004010F511MSMA39 Apr2516	Requisition Modification	511M	A0_/AM_ A0_/AM_ (SA only) AMF/AMP
511R	4010	19 Jun 06	004010F511RSRA47 Dec0715 004010F511RSRA47 Dec0715 004010F511RSRA47 Dec0715	ADCs: 45 59 67 69 69A 70 75 76 77 79 81 83 97 169 177 178 183 186 221 243 243 264 266 276 276 279 284A 322 328 352 359 363 375 377 381 381B 426 428 428A 435 436 448 448B 457 466 473 473A 1009A 1014 1014A 1019 1020 1021 1023 1043 1043A 1043B 1043C 1050 1062 1068 1068B 1075 1110 1123 1136 1184 PDC 1176 PDC 1207 004010F511RSRA47 May0216			A0_/AM_ A0_/AM_ (SA only) A02/A0B A3_ A4_

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First link is always the Implementation Convention

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Bookmarks

- 511 Requisition
- ST Transaction Set Header
- BR Beginning Segment for Material Management
- N1 Name
- G61 Contact
- LX Assigned Number
- N9 Reference Identification
- PO1 Baseline Item Data
- DD Demand Detail
- GF Furnished Goods and Services
- G62 Date/Time
- LIN Item Identification
- MEA Measurements
- G69 Line Item Detail - Description
- NTE Note/Special Instruction
- LM Code Source Information
- LQ Industry Code
- QTY Quantity
- N1 Name
- N2 Additional Name Information
- N3 Address Information
- N4 Geographic Location

DLMS Implementation Convention (IC) 511R Requisition

ADCs 45, 59, 67, 69, 69A, 70, 75, 76, 77, 79, 83, 86, 92, 97, 169, 176, 178, 183, 186, 221, 221A, 243, 264, 266, 274, 276, 279, 284, 284A, 322, 328, 352, 359, 363, 375, 377, 381, 381B, 426, 435, 436, 448, 448B, 457, 466, 473, 473A, 1009A, 1014, 1014A, 1019, 1020, 1021, 1023, 1043, 1043A, 1043B, 1043C, 1050, 1052, 1068, 1075, 1110, 1123, 1136 and 1184 DLM 4000.25

511 Requisition

Functional Group=RN

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Requisition Transaction Set (511) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to requisition needed material and equipment from a supply distribution system for immediate consumption or stockage against projected requirements. The originator can also use this transaction set to inquire about the status of, amend, or terminate the original requisition. This transaction set may be used to convey a description and quantity of the required material, delivery and billing information, and other logistics information necessary to evaluate and meet the material needs of the originator. This transaction set is not used to establish a contractual relationship between trading partners, and may precede the use of a purchase order.

Federal Note:

- Organizations use this transaction set to order items of supply, to refer transactions to another supply source for processing, and to transmit misrouted transactions between supply sources.
- Use a single occurrence of this transaction set to transmit single or multiple requisitions to one or more supply sources.
- A single transaction set may contain a combination of requisitions for standard and nonstandard materiel.
- DoD logistics users should refer to the Defense Logistics Management Standards (DLMS) Implementation Convention (IC) available at URL: <http://www.dla.mil/6dlms>. The DLMS IC provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

- Requisitions for materiel to be provided as Government Furnished Materiel (GFM) to commercial contractors, requisitions for excess government owned plant property, and requisitions from foreign governments for materiel to be provided in support of Security Assistance (SA) contain distinguishing requirements which do not apply to non-GFM or non-SA requisitions.
- Users operating under the Defense Logistics Management Standards (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Transportation Mode of Shipment Conversion Table which can be found on the Defense Logistics Management Standards Office Website at www.dla.mil/6dlms.
- This DLMS Implementation Convention contains:
 - Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with Defense Logistics Management Standards Office prior to use.
 - Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with Defense Logistics Management Standards Office prior to use.

Done

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DLMS Implementation Conventions - Transaction Sets

This page contains several formats of the Implementation Conventions: ANSI ASC X12: .pdf and .set; XML Schema .xsd.

Bookmarks to sections of this page: 140; 180; 511; 517; 527; 536; 567; 650; 810; 812; 824; 830; 832; 842; 846; 856; 857; 867; 869; 870; 880; 940; 943; 945; 947; Positive WID

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180M	4010	6 Nov 03	004010F180M3M Aug0315 004010F180M3M Aug0315 004010F180M3M Aug0315	ADCs: 60 60A 60B 77 170 435 436 1043 1043A 1043B 1043C 1136	Materiel Returns Reporting	180M	FTA FTC FTF FTE/FTG FTT

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511M	4010	18 May 09	004010F511MSMA39 Dec0715 004010F511MSMA39 Dec0715 004010F511MSMA39 Dec0715	ADCs: 59 69A 75 76 77 97 169 186 221 221A 243 263 264 274 276 284A 322 328 352 359 375 377 381 381B 435 436 448 448B 466 473 473A 1009A 1014 1014A 1020 1023 1043 1043A 1043B 1043C 1050 1068 1075 1110 1123 1136 1184 PDC 1176 004010F511M5MP40 Apr2516	Requisition Modification	511M	A0_/AM_ A0_/AM_ (SA only) AMF/AMP
511R	4010	19 Jun 06	004010F511R5RA47 Dec0715 004010F511R5RA47 Dec0715 004010F511R5RA47 Dec0715	ADCs: 45 59 67 69 69A 70 75 76 77 79 83 86 97 169 176 178 183 186 221 221A 243 264 266 274 276 279 284A322 328 352 359 363 375 377 381 381B 426 428 428A35 436 448 448B57 466 473 473A 1009A 1014 1014A 1019 1020 1021 1023 1043 1043A 1043B 1043C 1050 1062 1068 1068B 1075 1110 1123 1136 1184 PDC 1176 PDC 1207 004010F511R5RP48 May0216	Requisition	511R	A0_/AM_ A0_/AM_ (SA only) A02/A0B A3_ A4_

DLMS Enhancements for 511R

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DLMS Enhancement Report – 511R (page 1)

511R

DLMS-Enhancement-File*

- DLMS Implementation Convention: *511R*
- X12 Version Release: *4010*
- Change Log*

Update Date	Change on that date
Jan. 14, 2013*	Reformatted file based on recommendations from update project team*
Oct 21, 2013*	Added ADC 1019 DLMS Enhancements*
Oct 22, 2013*	Added ADC 1020 DLMS Enhancements*
Oct 24, 2013*	Added ADC 1021 DLMS Enhancements*
Oct 25, 2013*	Added ADC 1023 DLMS Enhancements*
Oct 31, 2013*	Added ADC 1050 DLMS Enhancement*
Oct 31, 2013*	Added ADC 1062 DLMS Enhancement*
Nov 19, 2013*	Added ADC 1043 DLMS Enhancements*
Feb 15, 2015*	Added ADC 1068 DLMS Enhancements*
Feb 16, 2015*	Added ADC 1075 DLMS Enhancements*
Feb 17, 2015*	Added ADC 1014A DLMS Enhancements*
Feb 23, 2015*	Added ADC 1009A DLMS Enhancements*
Feb 24, 2015*	Added ADC 1043A DLMS Enhancements*
Feb 24, 2015*	Added ADC 1110 DLMS Enhancements*
Feb 25, 2015*	Added ADC 1136 DLMS Enhancements*
Mar. 6, 2015*	Added ADC 1043B DLMS Enhancements*
Jul 14, 2015*	Added ADC 1043C DLMS Enhancements*
Dec. 04, 2015*	Added ADC 1123 DLMS Enhancements*
Dec. 28, 2015*	Added ADC 1184 DLMS Enhancements*

Introductory-Notes:-*

- DLMS Enhancements are capabilities (such as the exchange of Item Unique Identification (IUI) 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 Implementation Convention (IC) using the Proposed/Approved DLMS Change (ADC/PDC) process. The following ADCs have added DLMS Enhancement capabilities to this DLMS IC. *
- ADC 332 - Addition of Local Catalog ID qualifier to Support Requirements for Theater Enterprise-Wide Logistics System (TEWLS) Requisitions (Supply/Financial Obligation).
- ADC 328 - "Off-Line" Requisitioning Processing - Internet Ordering Application Request for Component Verification of Funds Availability and Recording of the Financial Obligation.

DLMS Enhancement File → X12 Version Release: 4010 → DLMS IC: 511R*

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DLMS Enhancement Report – 511R (table)

511R

DS #	Location	Enhancement Entry	DLMS Note	Comment
1/N101700	GP Gateway Provider	25 Management Control Activity	Use to identify the MCA after validating GFM or CFM transactions.	Administrative corrections - Staffing Note - DLMSO - understandings that requisition image transactions by a unique qualifier, but the data mapping will be consistent to the standard requisition and this ZL mapping is not required. See ADC 381.
1/N103070 and 2/N1031800	1 - D.U.N.S. Number, Dun & Bradstreet 9 - D.U.N.S-4c 10 - Department of Defense Activity Address Code (DODAAC) A2 - Military Assistance Program Address Code (MAPAC)		Identifies a commercial activity DLMS enhancement; see introductory note 3a. Identifies a commercial activity DLMS enhancement; see introductory note 3a. Identifies a DOD activity DLMS enhancement; see introductory note 3a. Identifies a Security Assistance (SA) structured address Use to indicate the Security Assistance (SA) structured address data.	
1/G611100	Contact		Use under exceptional circumstances when requiring direct communication with the party originating the transaction set. Use multiple repetitions to identify multiple points of contact or communication numbers. When using multiple repetitions to identify different communication numbers for a single point of contact, repeat the name cited in G6102. DLMS enhancement; see introductory note 3a.	
2/N9010200	10 - Consolidation Shipment Number		Use to identify the Disposal Consolidation Number (DCN) on 511R DLA Directed MRO (DIC Co.) applications DLA Disposition Services inventory. The DCN links DTIDs (as identified on separate 511R transactions) issued under a common shipment on post-post disposal issues. This is a DLMS enhancement; refer to ADC 457.	

DLMS Enhancement File → X12 Version Release: 4010 → DLMS IC: 511R*

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Quick link to MILS/DLMS Cross Reference

Mission: Facilitate the Defense Logistics Management Standards (DLMS) integration process and operations.

Objective: Consistently explore, develop, and disseminate DoD logistics processes and procedures through state of the art best business practices while making most effective use of taxpayer dollars in support of the warfighter. Accelerate transformation of DoD logistics operations from obsolete information exchange processes (also known as MILS-Military Standard Logistics Systems) to variable length records made possible by Defense Logistics Management Standards (DLMS) processing. Develop, coordinate, and publish Defense Logistics Manuals (DLMs) and related publications providing guidance for emerging Enterprise Resource Planning (ERP) programs. Preserve legacy operations until the DoD-enterprise has transformed their respective operations.

HOT TOPICS:

- DLMS Implementation

Events/Meetings:

DLMS Video:

- DoD's Logistics Support Solution
- DoD's Logistics Support Solution (w/captions)

Latest Info:

- DoD 411 - Email Address Lookup
- DoD Whitepages - Improved DoD Email Address Lookup

DEPSECDEF SUPPORTS DLMS MIGRATION/OSD/AT&L MANDATES DLMS COMPLIANCE

Deputy Secretary of Defense signed DoD Directive 8190.01E "Defense Logistics Management Standards" policy on January 9, 2015. The OSD/AT&L Functional Strategy of 2013 mandates DLMS compliance by 2019. Accountability will be enforced through the Defense Business Council's Capital Planning and Investment Control process.

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Home > eApplications > DLSS/DLMS Cross Reference Tables

**Defense Logistics Standard Systems (DLSS)/
Defense Logistics Management Standards (DLMS) Cross Reference Tables**

MILS/DLMS Cross Reference

- A cross-reference of each DLSS Document Identification (DIC) sequence and DLMS Implementation Convention (IC) number (e.g. 511R) for all DLSS legacy processes:
 - DLMS Cross Reference
 - DIC Cross Reference
- Customer assistance aids providing Correlation of MILSTRAP/DLMS sequence to the DLMS IC. The correlation tables are available in both DIC sequence and IC sequence. The MILSTRAP/DLMS sequence to DLMS IC cross reference between MILSTRAP legacy DIC and DLMS IC. In addition to the identification of DIC/IC basic cross reference, the MILSTRAP/DLMS sequence to DLMS IC cross reference tables provide the actual physical location of the applicable transaction type code(s) within each IC sequence. The MILSTRAP/DLMS sequence to DLMS IC cross reference tables provide the actual physical location of the applicable transaction type code(s) within each IC sequence. The MILSTRAP/DLMS sequence to DLMS IC cross reference tables provide the actual physical location of the applicable transaction type code(s) within each IC sequence.
 - Correlation of MILSTRAP Legacy DIC Functionality to DLMS Implementation Convention (DIC sequence)
 - Correlation of MILSTRAP Legacy DIC Functionality to DLMS Implementation Convention (DLMS sequence)

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Module 3 - DLMS Functionality & Trans Life-Cycle

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MILS to DLMS Cross Reference Report

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DLMS Qualifier and External Code List Details

ID: 0 List Type: Qualifier DLMS Change #: Production Change Source: Initial

Name: DLSS/DLMS CROSS REFERENCE GUIDE (DLSS DOCUMENT IDENTIFIER CODE (DIC) TO DLMS SUPPLEMENT (DS)) (DIC SEQUENCE)

Definition: A cross reference of applicable transactions (Document Identifier Codes (DICs)) used in the Defense Logistics Standard Systems (DLSS) to the Defense Logistics Management Standards (DLMS) implementation convention (IC) identifier used in the DLMS.

Source:

Source Location:

Remarks: This cross reference listing includes the location of applicable DLSS transaction formats in each DLSS manual and related appendix. The presence of **** in lieu of the DLMS IC number denotes that the DLSS transaction has been replaced by a web application. This listing is limited to applicable transactions used in the Defense Logistics Standard Systems (DLSS) (Document Identifier Codes (DICs)) cross-referenced to the applicable DLMS ICs.

Type: ID Minimum: 3 Maximum: 3 Action: NA

Associated DLMS Data Element:

Available Code Value for the Qualifier/External Code List

Code	Definition	Explanation
A01	511R Requisition - For Overseas Shipment/With NSN/NATO Stock Number	DLM 4000 25-1 AP3 2/AP3 3 (MLSTRIP)
A02	511R Requisition - For Overseas Shipment/With Part Number	DLM 4000 25-1 AP3 4 (MLSTRIP)
A04	511R Requisition - For Overseas Shipment/With Other	DLM 4000 25-1 AP3 2/AP3 3 (MLSTRIP)
A05	511R Requisition - For Overseas Shipment/With Exception Data	DLM 4000 25-1 AP3 2/AP3 3 (MLSTRIP)
A07	511R Requisition - For Overseas Shipment/Overseas DoD Dependent School System Requirement	DLM 4000 25-1 AP3 2 (MLSTRIP)
A0A	511R Requisition - For Domestic Shipment/With NSN/NATO Stock Number	DLM 4000 25-1 AP3 2 (MLSTRIP)

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DLMS Introductory Training

Essential ANSI ASC X12 Code/DOD Code Conversions

- ANSI ASC X12 mandates use of ANSI code list values in X12 transaction transmissions where they exist
- There are three ANSI Code lists that must be used in DLMS transactions
 - Mode of Shipment
 - Type of Pack
 - Unit of Measure
- DLMS Conversion guides map DOD definitions to desired X12 definitions
 - ✓ DOD applications must convert outbound transactions from DOD code values to ANSI code values based on DLMS Conversion Guide definitions
 - ✓ DOD applications must convert inbound transactions from ANSI code values to DOD code values based on DLMS Conversion Guide definitions

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Module 3 - DLMS Functionality & Trans Life-Cycle

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Welcome to Defense Logistics Management Standards Office

DLMS Center of Excellence

Mission: Facilitate continuous enterprise integration process improvements to logistics management and operations.

Objective:

Consistently explore the art best business processes and procedures through state of the art best business operations from obsolete information exchange processes (such as Logistics Systems) to variable length records made possible by Defense Logistics Management Standards (DLMS) processing. Develop, coordinate, and publish Defense Logistics Manuals (DLMs) and guidance for emerging Enterprise Resource Planning (ERP) programs. Preserve legacy operations performed their respective operations.

DLMS/ANSI Conversion Guides

DEPSECDEF SUPPORTS DLMS MIGRATION/OSD/AT&L MANDATES DLMS COMPLIANCE

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Home > eApplications > Log Data Management > DLMS/ANSI ASC X12 Conversion Guides

Defense Logistics Management Standards (DLMS) / ANSI ASC X12 Conversion Guides

Three (3) sets of conversion guides contain a cross reference of DoD domain codes (data item codes) to ANSI ASC X12 domain code values. All three conversion guides must be implemented in DoD systems using ANSI ASC X12 transaction formats to convert DoD data values established in legacy systems to the corresponding ANSI ASC X12 code values. The applicable conversion guides are:

- Transportation Mode of Shipment/Transportation Method/Type Code Conversion Guide
- Type of Pack Conversion Guide
- Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide. For ease of use, this conversion guide is available in three different sort sequences:
 - o DoD Code Sequence
 - o ANSI ASC X12 Code Sequence
 - o Alphabetic Name Sequence

Link to Transportation Guide

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Module 3 - DLMS Functionality & Trans Life-Cycle

DLMS Introductory Training

Transportation Method/Type Code Conversion Guide

Transportation_Method_Type_Code.xlsx (Read-Only) - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Acrobat

Clipboard Font Alignment Number Styles

W19

NAME: TRANSPORTATION METHOD/TYPE CODE CONVERSION GUIDE

ALIAS: TRANSPORTATION-METHOD

DEFINITION: A MANNER OF MOVEMENT.

REMARKS: FOR EASE IN TRANSITION FROM THE DOD LEGACY TRANSPORTATION MODE OR METHOD CODE VALUES USED IN DLMS TRANSACTIONS TO THE ANSI X12 CODE VALUES USED BY USTRANSCOM AND THE COMMERCIAL TRANSPORTATION COMMUNITY, THE DLMS WILL CONTINUE TO SUPPORT THE FAMILIAR DOD CODE VALUES LISTED BELOW. THIS CONVERSION GUIDE MUST BE IMPLEMENTED BY ALL SENDERS AND RECIPIENTS OF DLMS TRANSACTIONS IN ALL TRANSMISSION AND RECEIPT PROCESSES TO PRECLUDE REJECTION OF DLMS TRANSACTIONS BY THE TRANSPORTATION COMMUNITY IN THEIR VALIDATION PROCESSES.

SOURCE: UNITED STATES TRANSPORTATION COMMAND (USTRANSCOM)

AVAILABLE FROM: USTRANSCOM REFERENCE DATA MANAGEMENT (TRDM), HTTPS://TRDM.C2.AMC.AF.MIL/TRDM (TRANSPORTATION-METHOD)

ABSTRACT:

DATA CODE CHARACTERISTICS: TYPE: ID MIN: 0001 MAX: 0001

DOD CODE	NAME/DEFINITION	X12 CODE
A	MOTOR, TRUCKLOAD	J
B	MOTOR, LESS THAN TRUCKLOAD	LT
C	VAN (UNPACKED, UNCRATED PERSONAL OR GOVERNMENT PROPERTY)	VA
D	DRIVEAWAY, TRUCKAWAY, TOWAWAY	DW
E	BUS	BU
F	AIR MOBILITY COMMAND (AMC) CHANNEL AND SPECIAL ASSIGNMENT AIRLIFT MISSION	AC-004010
F	AIR MOBILITY COMMAND (AMC) CHANNEL AND SPECIAL ASSIGNMENT AIRLIFT MISSION	ED-004030
G	SURFACE PARCEL POST	D
H	AIR PARCEL POST	AE
I	GOVERNMENT TRUCKS, FOR SHIPMENT OUTSIDE LOCAL DELIVERY AREA	SR
J	AIR, SMALL PACKAGE CARRIER	AF
K	RAIL, CARLOAD	R

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Listing of PDCs

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DLMS Center of Excellence

Mission: Facilitate continuous enterprise integration process improvements to logistics management and operations.

Objective:

Consistently explore, develop, and modify DoD logistics processes and procedures through state of the art best business practices while making most effective use of taxpayer dollars in support of the warfighter. Accelerate transformation of DoD logistics operations from obsolete information exchange processes (also known as MILS-Military Standard Logistics Systems) to variable length records made possible by Defense Logistics Management Standards (DLMS) processing. Develop, coordinate, and publish Defense Logistics Manuals (DLMs) and related publications providing guidance for emerging Enterprise Resource Planning (ERP) programs. Preserve legacy operations until the DoD-enterprise has transformed their respective operations.

DEPSECDEF SUPPORTS DLMS MIGRATION: OSD/AT&L MANDATES DLMS COMPLIANCE

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QUICK LINKS
Committees
PDCs
ADCS
Other
PDCs/ADCS
DLSS/DLMS
Cross Ref
DLMS
Publications
DLMS
ICs/DLSS/
Enhancements
LOGDRMS
- DLMS/ANSI
Conversion
Guides
- DLMS
Qualifiers
Other Links
Other
Manuals/
Publications
DoD MDR
DLMS Internal
SOPs, IPR
Briefs and
Archived
Manuals

HOT TOPICS:
• DLMS Implementation
Events/Meetings:
DLMS Video:
• DoD's Logistics Support Solution
• DoD's Logistics Support Solution (w/captions)
Latest Info:
• DoD 411 - Email Address Lookup
• DoD Whitepages - Improved DoD Email Address Lookup

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Module 3 - DLMS Functionality & Trans Life-Cycle

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Home > eLibrary > Process Changes > Proposed

Proposed Changes

DLMS CHANGE STATUS REVIEW

1000-Series DLMS Change Status Review 2015 Final 1000-Series DLMS Change Status Review
 Legacy DLMS Change Status Review (2016 & prior) 2015 Final DLMS Annual Status Review
 Template and Instructions for Change Proposal submissions

Related Info:

- Approved DLMS Changes
- Deferred/Other DLMS Change
- X12 ICs & All DLMS Implementation Convention Formats
- Get Word Viewer
- Get Adobe Reader

A Proposed DLMS Change (PDC) is received from a Component, documentation is prepared, and then distributed for comment.

PROPOSED CHANGE DESCRIPTION	PREPARED DATE	RESPONSE DUE & EXTENSION DATE
Proposed DLMS Change 201A, DOD/DLMS 527D) (Supply) Purchase Request Number in Logistics Reassignment Memorandum Due-in (MILSTRAP)	09/29/11	10/31/11
Proposed DLMS Change 1046, Routing Identifier Code (RIC) and DoD Address Code (DoDAAC) Relationship (DoDAAD)	04/03/13	05/03/13 Army: 06/14/13
Proposed DLMS Change 1050A (Supply and Finance) New DOD EMAIL DoDAAC and Supply Status Codes for DOD EMAIL Credit Card Billing	08/19/13	09/19/13 DLA - On hold for rework
Proposed DLMS Change 1092, DLMS Supply Discrepancy Report (SDR) Interface with the Security Cooperation Enterprise Solution (SCES) (Supply/SDR)	5/10/16	5/25/16
Proposed DLMS Change 1114, Change in Timing to Follow-up for Delinquent Materiel Receipt Acknowledgement (MRA), and for MRA submission, Based on the Definite Delivery (TDD) Standards (Supply/MILSTRAP)	10/23/15	11/23/15
Proposed DLMS Change 1159, New Supply Condition Code X, Suspended (Repair Decision Delayed) (Supply/MILSTRAP)	6/25/15	7/27/15
Proposed DLMS Change 1166, Mandatory Prepositioned Materiel Receipt (PMR) for Processing of Materiel Release Orders (MRO) under Ship-in-Place Procedures and Associated Rejection of MROs lacking prior PMR using DLMS 824R Reject Advice (Supply/MILSTRAP/MILSTRAP)	08/11/15	09/10/15

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Listing of ADCs

Mission: Facilitate continuous enterprise integration process improvements to logistics management and operations.

Objective:

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HOT TOPICS:

- DLMS Implementation

Events/Meetings:

DLMS Video:

- DoD's Logistics Support Solution
- DoD's Logistics Support Solution (w/captions)

Latest Info:

- DoD 411 - Email Address Lookup
- DoD Whitepages - Improved DoD Email Address Lookup

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Module 3 - DLMS Functionality & Trans Life-Cycle

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Home > eLibrary > Process Changes > Approved DLMS Changes

Approved Changes 1100-1199
Approved changes: ADCs 1-99; 101-199; 200-299; 300-399; 400-499; 1000-1099; 1100-1199; 1200-1299
Bookmarks to sections on this page: 1110; 1120; 1130; 1140; 1150; 1160; 1170; 1180; 1190

DLMS CHANGE STATUS REVIEW
1000-Series DLMS Change Status Review
2015 Final 1000-Series DLMS Change Status Review
Legacy DLMS Change Status Review (2016 & prior)
2015 Final DLMS Annual Status Review
Template and Instructions for Change Proposal submissions

Related Info:

- Proposed DLMS Changes
- Deferred/Other DLMS Changes
- DoD XML Registry
- X12 ICs & All DLMS Implementation Convention Formats
- Get Word Viewer
- Get Adobe Reader

An Approved DLMS Change (ADC) is what a Proposed DLMS Change (PDC) becomes once inputs are received and changes are made. The changes are published and distributed to the Components.

APPROVED DLMS CHANGE/DESCRIPTION	IMPLEMENTED/ DATES
Approved DLMS Change 1100, Allocation of HGA DoDAAC Series for USTRANSCOM Acquisition Contract (DoDAAD/ SUPPLY)	
Approved DLMS Change 1101, For Creation of H96 as USNORTHCOM DoDAAC Series (DoDAAD/SU	
Approved DLMS Change 1102, Enhanced SDR Guidance including SDR Routing for Army-Directed Distribution Center Shipments, Procedures for Discrepant or Unauthorized Returns to the Distribution and Administrative Updates (SDR)	
Approved DLMS Change 1102A, Procedures for Unauthorized/Discrepant Air Force Returns to DLA Distribution Centers (Supply/SDR)	
Approved DLMS Change 1103, Revise DLMS 824R, Reject Advice, to Include Rejections of Logistics Bills, Clarify use for Rejection of DLMS MSTRIP Transactions, and Document Administrative Updates (Finance/Supply)	06/20/14 - Staggered implementation
Approved DLMS Change 1104, Intra-DLA Change for DLA Disposition Services Warehouse Storage Location Update Transaction using DLMS 93A Warehouse Service Advice, and Administrative Updates (Supply)	04/02/14 - Immediate

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DLMS Introductory Training

DLMS Change Status Review

1000-Series DLMS Change Status Review
Updated 5/6/2016

This document contains reports that can be accessed using the tabs at the bottom of the window:

- DLMS Change Report** - Lists all released PDCs and ADCs
- DLMS Change Report (all)** - Lists all released PDCs and ADCs, in addition to drafts pending release
- Component Response Report** - Lists Component responses to active PDCs
- Overdue Component Response Report** - Lists Components that have not responded to active PDCs (not yet released as an ADC) by their suspense date
- Implementation Status Report** - Lists the active ADC implementation status as communicated by the Components
- DLM Publication Report** - Lists DLM Manuals and Volumes that are impacted by active ADCs
- DLMS IC Report** - Lists DLMS Implementation Conventions that are impacted by active ADCs

If you have questions about these reports, you can contact DLMSO by visiting http://www.dlmso.dla.mil/about/Comment/comment_form.php.

Report Control Symbol (RCS) DD-AT(AR)1419

Instructions: DLMS Change Rpt | Component Response Rpt | Overdue Comp Response Rpt | Implementation Status Rpt | DLM Publication Rpt | DLMS IC Rpt

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DLMS INTRODUCTORY TRAINING

Module 3 - DLMS Functionality & Trans Life-Cycle

DLMS Introductory Training

Sample of the DLMS Change Status Report

DLMS Change Number	DLMS Change Title	Functional Area(s)	Description	DLMS Change Organization	Legacy FPOC Name	Date FPOC Original	Original Component FPOC Date	Date AEC Response	Date Implementation	DLMS Change Status	Date Status Change	DLMS Change Remarks
100	Processing of Advance Shipment Notices (ASN) for Certificate of Conference (COC) in alternate Release Procedures (ARF) and Edit Blocking/Inappropriate Supply Discrepancy Report (SDR) for Missing Quality Assurance Representative (QAR) Signature/Discrepancy Code (D) and Associated Suspended Release	DDT/Supply	This change establishes a requirement for the Defense Logistics Agency (DLA) Distribution Standard System (DSS) to capture Certificate of Conference (COC) and alternate Release Procedures (ARF) indicator when present in the advance shipment notice (ASN) provided via Incoming Receipt Acceptance, and Proper Transfer (IAP/T), formerly Wide Area Work Flow (WAWF) interface. DSS must make this information available during receipt processing and ensure that the receiver does not inappropriately suspend new procurement requests for missing QAR signature and generate an SDR to the item manager when the COC or ARF indicator is present. QAR signature is not required prior to vendor shipment when the contract authorizes COC or the Defense Contract Management Agency (DCMA) has authorized ARF. As a result, the receiving activity does not need to prepare an SDR for missing QAR signature when COC or ARF indicators are present and the material does not need to be suspended and/or prohibited.	Hammond	DLMSO	NA	4/10/06	1/19/06		Active		
103	Supply Discrepancy Report (SDR) Procedures for Freight Discrepancies of Foreign Military Sales (FMS) Freight Forwarder or Component Retailer Level Addressing Logistics/Commodities	DDT/Supply/Finance	This change documents procedures for processing DLMS SDRs submitted for measurement of reworking costs. These procedures are primarily applicable to (a) FMS shipments frustrated at the freight forwarder level due to packaging and documentation discrepancies and (b) retail-level activity/discrepancy reports where reworking is required prior to storage or distribution.	Hammond	DLMSO	NA	3/24/06	4/20/06		Active		
104	Notification Procedures for Mass Billing Errors	Finance	This change to MLDSS procedures (see reference) provides procedures for billing offices to notify their FPIC representatives of significant or mass billing errors, who in turn will assist in coordination with appropriate Component FPIC representatives and the FPIC Chair.	Williams	DLA-Information	NA	2/9/06	3/9/06	4/18/06	Active		
106	Transportation Account Code (TAC) Validation in the Retail Supply and Transportation Interchange and Creation of New Shipment Hold Code S	Supply/Transportation/Billing	(1) This change establishes the requirement for Transportation Account Code (TAC) validation prior to receipt/check of cargo by transportation as part of the retail supply and transportation interchange processes prescribed in DLM 6000.2L, Volume 3, Chapter 2, Retail Supply and Transportation Interchange - Stock Shipments (Reference 3.1). (2) In support of the new process, this change proposes a new Shipment Hold Code S, Invalid or Missing Transportation Account Code (TAC), to inform the supply activity of potential delays due to a missing or invalid TAC in the DLMS MDR/Material Release Order (MRO). The new shipment hold code is provided via DLMS SEA (DLMS/STW) Legacy Document Identifier Code (DIC) AEC Material Release Advice with the new code value.	Williams	DLA-Information	NA	9/20/06	6/20/06		Active		
107	Intra-DLA Process to DLMS SEA	Operational	(1) Establishes a new shipment hold code to flag material frozen by the...	Owens	DLA Logistics Infra	NA	9/20/06	6/20/06		Active		

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DLMS Introductory Training

Summary

- DLMS provides a new logistics data exchange format
 - Commercial vs. DOD proprietary standard
 - Variable length vs. 80-record position records with fixed data lengths
 - W3C compliant XML schema formats
 - Web Services
- Supports new data content to meet DOD needs
- Provides opportunity to reengineer logistics business processes
- Supports all current and future business/electronic commerce data transmission requirements

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DLMS INTRODUCTORY TRAINING

Module 3 - DLMS Functionality & Trans Life-Cycle

DLMS Introductory Training



Module 3 Quiz

Question 1: Which of the following are DLMS enhanced capabilities?

- a) Automation of previously manual processes e.g. Supply Discrepancy Reporting
- b) Mass transaction modification and cancelation capability
- c) Separately identify supply & transportation priorities
- d) Transmission of Radio Frequency Tag Identifier (RFID)
- e) All the above

Question 2: Which is not a basic functionality of the 511R?

- a) Ordering Standard and non-standard materiel
- b) Security Assistance Program materiel ordering (FMS)
- c) Receipt and Acceptance of materiel
- d) Passing and Referral orders

Question 3: If the DOD code (e.g., "AD") is not the same as an ASC X12 code, where do you find the cross reference conversion tables?

- a) Federally approved implementation convention
- b) DLMSO web site at DLMS/ANSI conversion guides
- c) Appendix 13 of DLM 4000.25

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DLMS Introductory Training



End of Module 3

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