



Defense Logistics Management Standards (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**
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- Module 5 - IUID & RFID - Emerging Technologies**
- Module 6 - Creating/Reengineering DOD Logistics Business Processes**
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- 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.dlmso.dla.mil/>



Module 4 Objectives

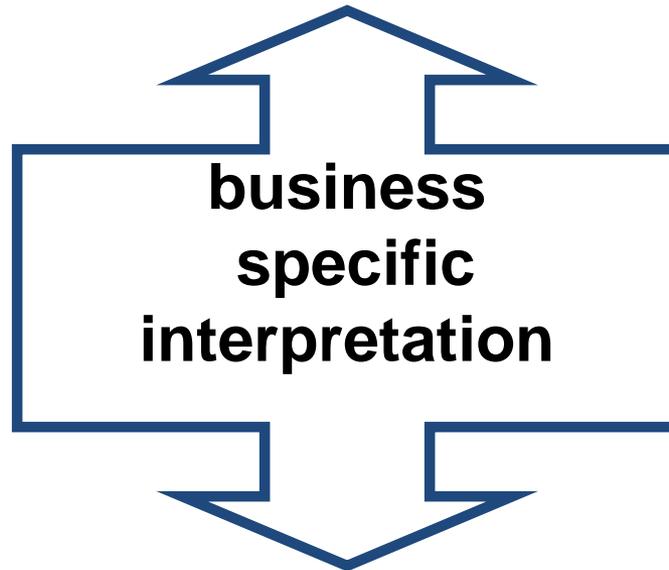
Students will gain basic understanding of:

- The purpose and content of the DLMS ICs
- How DLMS ICs are used to support DLMS implementation
- The criticality of DLMS Notes
- How to read a DLMS Implementation Convention
- How to use MILS/DLMS mapping



What is a DLMS Implementation Convention?

ASC X12 Transaction Set



DLMS Federally Approved IC



How is the Broad ASC X12 Standard Tailored to a DLMS IC?

- **Implementation Conventions, while adhering to the standard, tailor the standard by:**
 - ✓ Defining the structure and content of an ASC X12 EDI standard transaction as it pertains to a particular usage
 - ✓ Map application data requirements into specific ASC X12 data fields within the transaction set
 - ✓ Establish the parameters for the specific DLMS Implementation Convention business usage

DLMS ICs (along with the DLMS manual) constitute DOD's trading partner agreement for use within specific DOD business processes.



Source of DLMS Functionality

- **ICs supporting DLMS reflect functionality derived from multiple sources**
 - ✓ MILS capabilities are the baseline functionality
 - ✓ Enhanced capabilities
 - ASC X12 standards-based enhancements
 - MILS/DLMS approved changes



Enhancements

ASC X12 Standards-Based

- 8 digit dates throughout
 - Multiple transactions
 - Longer data elements: quantities, reference and identification numbers
 - Repeating data elements
 - Transmission date/time
 - Full line of accounting as discrete data
- Flexible addressing
 - ✓ Clear text addressing
 - ✓ Codified addressing capability expanded:
 - DoDAAC, RIC, CAGE, DUNS, DUNS+4, MAPAC



General Enhancements

(included in most transactions)

- **Point of contact information**
- **Expanded material identification:**
national stock numbered material, ammunition, forms, publications, subsistence, preferred and substitute NSNs, part number, description
- **Unique item tracking capability**
 - ✓ Unique item identifier (e.g. IUID UII Constructs 1 and 2, VIN, etc.)
 - ✓ Batch number
 - ✓ Lot number
 - ✓ Serial Number
- **Document number added to provide unique transaction identification**



General Enhancements

(included in most transactions)

- **Break-out of embedded data**
 - ✓ Utilization Code (expressed in document number)
 - ✓ Security Assistance data
 - ✓ Required Delivery Date/Special Requirements Code
- **Reduction/elimination of multi-purpose data fields**
 - ✓ Ownership/Purpose Codes



DLMS Implementation Convention Content



DLMS Notes

- **Detailed DLMS business rules**
 - ✓ The Implementation Conventions accept or prohibit options and often add conditions to the use of optional data within DOD logistics.
- **Key transition guidance**
 - ✓ Governing operation in a mixed MILS/DLMS environment



DLMS Introductory Notes - Transition Guidance

- **Identification and instructions pertaining to:**
 - ✓ DLMS enhancements
 - ✓ Approved DLMS changes
 - Field size constraints
 - ✓ “Streamlined” MILS data required for legacy system support, but not intended for use in full DLMS environment



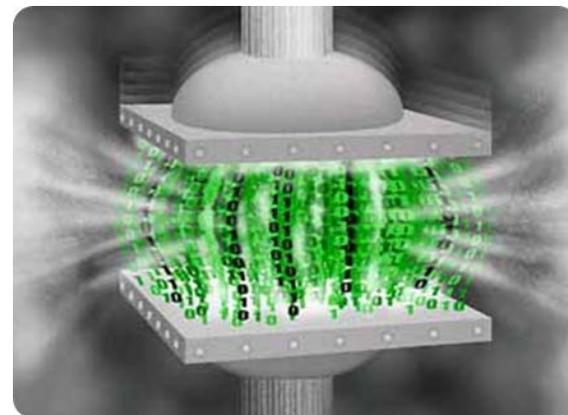
Streamlining Goals

- **Reduce retransmission of data perpetuated from previously submitted transactions:**
 - ✓ Already resident in sender's and receiver's system
 - Example: Original (non-mandatory) requisition data may be streamlined out of follow-up transactions



Streamlining Goals, cont.

- **Reduce encoded data content where transaction size constraints was the sole reason for encoding:**
 - ✓ The DLMS offer capability to communicate more precisely
 - ✓ Transitioning is long term goal





Content of DLMS IC Notes

- **DLMS business rules**
- **DLMS enhancements**
- **Field size constraints**
- **Streamlined data**
- **Approved DLMS changes (ADCs)**



DLMS Notes - Examples

DLMS
IMPLEMENTATION
Conventions



DLMS Notes - DLMS Business Rules

Example 1 – DLMS Introductory Notes

- Notes delineate appropriate functional application for a particular transaction

DLMS Implementation Convention (IC)
940R, Materiel Release

ADCs 45, 48, 48A, 48B, 71, 71A, 71B, 76,
77, 117, 141, 169, 180, 197, 205A, 213,
221, 221A, 254, 258, 274, 284, 284A, 316,
316A, 316B, 316C, 316D, 373, 381, 386,
396, 405, 434, 435, 436, 448, 448B, 463,
464, 466, 473, 473A, 1007, 1009A, 1014,
1020, 1021, 1031, 1043, 1043A, 1043B,
1043C, 1073, 1075, 1106, 1110, 1132,
1136, 1152 and 1164

DLM 4000.25

940 Warehouse Shipping Order

Functional Group=OW

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

Federal Note:

- Use to direct shipments, to inquire about the status of open shipment directives, and to cancel or modify previously submitted shipment directives.
- Use a single occurrence of this transaction set to exchange single or multiple transactions between a single organization and a single or multiple organizations.
- DoD logistics users should refer to the Defense Logistics Management Standards (DLMS) Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS IC provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

- ICPs or IMMs use this transaction set to direct storage facility shipments, to reposition inventory between storage facilities, to transmit lateral redistribution orders under Total Asset Visibility (TAV) procedures, to inquire about the status of open shipment directives, to cancel and modify previously submitted shipment directives, and to advise that open shipment directives will be administratively (force) closed. The Defense Reutilization and Marketing Service (DRMS) uses this transaction set to inquire about discrepancies in either shipments to or receipts at a Defense Reutilization and Marketing Office (DRMO).
- The Department of Defense (DoD) distinguishes among redistribution orders; materiel release orders, inquiries, cancellations, and modifications; disposal release orders, inquiries, cancellations, modifications, and shipment confirmation inquiries; historical materiel release orders; historical disposal release orders; and materiel release order administrative closures.
- 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 Web site at <http://www.dla.mil/j-6/dlms>.



DLMS Notes - DLMS Enhancement

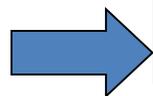
Example 2

- Data associated with a DLMS enhancement may not be received or understood by the recipient's automated processing system
- DLMS procedures may have not been developed
- Components must coordinate requirements and business rules with DLMS Program Office prior to use

92 Reason for Disposal Code

DLMS Note:

1. Use in disposal release orders and historical disposal release orders, to identify the reason the disposal action is required.



2. DLMS enhancement; see DLMS introductory note 4a.



DLMS Notes - Field Size Constraints

Example 3

- Data elements which have an expanded field size above existing MILS capability may not be supported by the recipient's automated processing system
- Components must coordinate implementation with DLMS Program Office prior to use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W0101	330	Quantity Ordered	M	R	1/15	Must use
		Description: Quantity ordered				
		Federal Note: Use to identify the materiel quantity associated with the transaction.				
		DLMS Note: 1. A field size exceeding 5 positions may not be received or understood by the recipient's automated processing system. See introductory DLMS note 4d.				
		2. When the W0506 = "NB", "NF", "ND" or "NG" and the W0507 = "CN" or "ME", enter a value of "1" since inquiry or cancellation is being done at the lead document number/AIN level.				





DLMS Notes - Streamlined Data

Example 4

- MILS data is retained in the DLMS for a transition period to support transaction conversion in a mixed MILS/DLMS environment
- This data will be “streamlined” out once full DLMS implementation is reached
- Components may coordinate with DLMS Program Office for early termination (or retention) of specific data requirements for users operating in a full DLMS environment

DE Signal Code

DLMS Note:

1. Use in materiel release order modifications to identify the revised signal code.
2. Future streamlined data; see DLMS introductory note 4c.





DLMS Notes - Approved Change

Example 5

- Data associated with an approved DLMS change 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 DLMS Program Office prior to use

Z Mutually Defined

DLMS Note:

1. Use to identify the Unit of Use Indicator. When included, the quantity and unit of measure values associated with this transaction are applicable to the unit of use.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

3. Authorized DLMS enhancement for DLA Disposition Services. Refer to ADC 434.



DLMS Notes - Repetition of Data

Example 6

- Repetition of data is not compatible with existing MILS/DLMS capability
- This data may not be supported by the recipient's automated processing system
- Components must coordinate implementation with DLMS Program Office prior to use

5. This DLMS Supplement (DS) to the Federal 527R implementation convention contains:

a. 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 DLA Logistics Management Standards prior to use.

b. 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 DLA Logistics Management Standards prior to use.

c. Data which is retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLA Logistics Management Standards for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded field size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards prior to use.

e. Data required to accommodate Component-unique transaction requirements (e.g., C-series transactions). Data does not apply to DLSS transactions.

f. Repetition of data (using multiple iterations or loops) which is not compatible with existing DLSS capability. Although supported by the use of the ANSI X12 standard, such data is not compatible with DLSS/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DLA Logistics Management Standards prior to use.





DLMS Notes - Authorized Enhancement

Example 7

- Data associated with an Authorized Enhancement should be included as part of the modernization when applicable
- Inclusion of this data should not cause an inappropriate rejection of the transaction
- Prior coordination is not required prior to use

U3 Unique Supplier Identification Number (USIN)

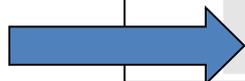
DLMS Note:

1. Use to identify the UII. Place UII value in REF03. The UII may not exceed 50 characters in accordance with IUID Policy. A data maintenance action was approved in version 5020. The approved code/name is "UII - Department of Defense Unique Item Identifier.

2. Authorized DLMS enhancement for DLA Disposition Services use in receipt, historical receipt, and TRA to identify the UII for SA/LW or industrial plant equipment. For the Receipt, the UII is for use by both the DLA Disposition Services Field Offices and the DLA Disposition Services ICP. For the TRA, DLA Disposition Services Field Office provides the UII to the TRA recipient. Refer to ADC 442 and ADC 1111.

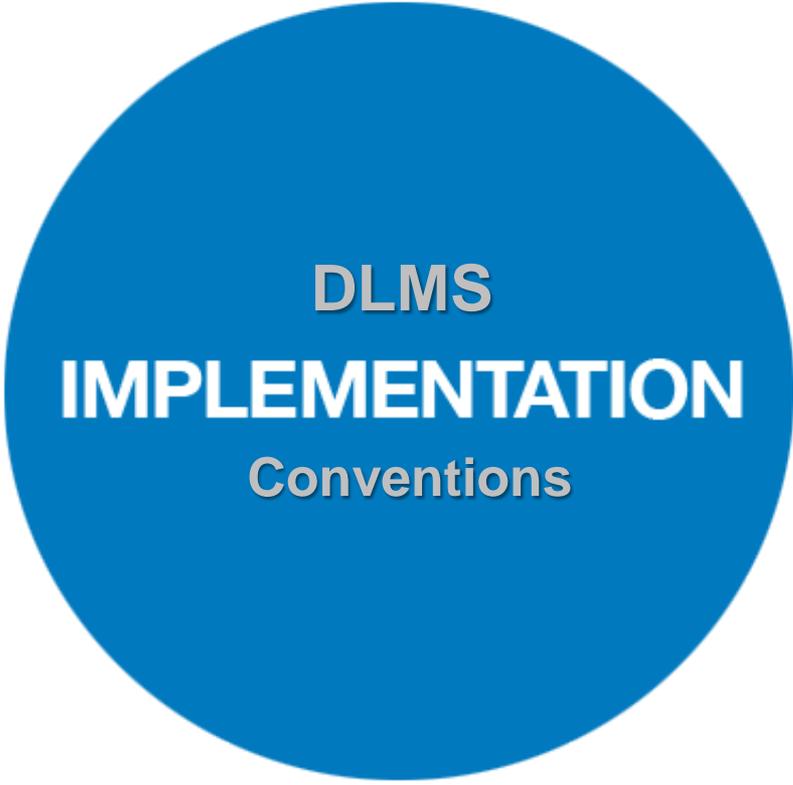
3. Authorized DLMS enhancement for DLA Distribution Center receipt processing to identify the UII for reparable items returned to DoD inventory by repair contractors. Refer to ADC 1042.

4. Authorized DLMS migration enhancement. See DLMS introductory note 5g.





Overview of Reading The DLMS 511R IC



DLMS
IMPLEMENTATION
Conventions

DLMS 511R IC:

http://www.dlmso.dla.mil/elibrary/Transformats/Supplements/4010/004010F511R5RA47_Dec0715_AD_C_1184.pdf



DLMS 511R IC, Requisition

DLMS Implementation Convention (IC) ADCs 45, 59, 67, 69, 69A, 70, 75, 76, 77, 79, 83, 86, 92, 97, 160, 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, 511R Requisition 1009A, 1014, 1014A, 1019, 1020, 1021, 1023, 1043, 1043A, 1043B, 1043C, 1050, 1092, 1098, 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:

1. 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.
2. Use a single occurrence of this transaction set to transmit single or multiple requisitions to one or more supply sources.
3. A single transaction set may contain a combination of requisitions for standard and nonstandard materiel.
4. DoD logistics users should refer to the Defense Logistics Management Standards (DLMS) Implementation Convention (IC) available at URL: <http://www.dia.mil/j-6/dlms>. The DLMS IC provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. 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.
2. 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.dia.mil/j-6/dlms.
3. This DLMS Implementation Convention contains:
 - a. 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.
 - b. 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.
 - c. Legacy MILSTRIP data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed legacy MILSTRIP/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with Defense Logistics Management Standards Office for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
 - d. Data elements which have an expanded field size above existing legacy MILSTRIP capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with Defense Logistics Management Standards Office prior to use.
 - e. Data required to accommodate Component-unique transaction requirements (example: C-series transactions). Data does not apply to legacy MILSTRIP transactions.
 - f. 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. This transaction includes placeholders for DLMS enhancements to provide item unique identification (IUID) information pending development of DLMS procedures and overarching OSD Supply Policy. Refer to the IUID web at URL: <http://www.acq.osd.mil/dpap/pdi/iuid> for DoD policy.
5. Effective April 1, 2014, refer to ADC 1075. Users must reference the GENC Standard for country codes (<https://geo.aftnet.org/NSGREG/gencc/discovery>) for a listing of authorized values. Under DLMS, use the GENC Digraph (two-character) code values.

004010F511R5RA47

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December 07, 2015



DLMS 511R IC, Requisition

A 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, 1062, 1068, 1075, 1110, 1123, 1136 and 1184 DLM 4000.25

B

C **511** **Requisition**

Functional Group=**RN** **D**

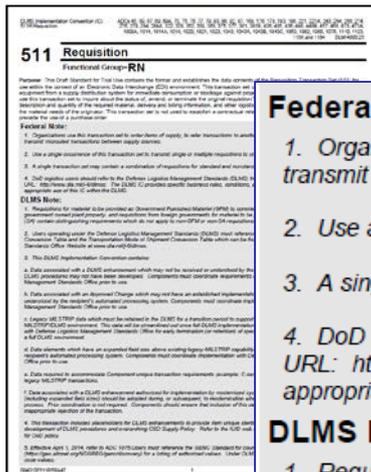
E

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- A.** Specific DLMS Implementation Convention
- B.** ADC numbers that have caused revisions to this IC
- C.** ASC X12 assigned transaction set number and name
- D.** ASC X12 assigned Functional Group, which is RN
- E.** ASC X12 defined purpose of this transaction set
 - Note the words “*Draft Standard for Trial Use*”. This is standard ASC X12 terminology that appears on all transaction sets since they tend to have frequent changes. You can ignore this phrase, any published DLMS IC is available for use.



DLMS 511R IC - DLMS Introductory Notes



Federal Note:

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3. This DLMS Implementation Convention contains:
 - a. 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.

- Gray background area: DLMS Introductory Notes – applicable to the entire IC
- Federal notes will be eliminated or renamed as DLMS Notes if applicable, since DLMS ICs are now for Federal-wide use.



DLMS 511R IC - DLMS Introductory Notes

DLMS Introduction/Concepts/IC	ADC 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.
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6. This revision to the DLMS IC incorporates Proposed DLMS Change (PDC) and Approved DLMS Changes (ADCs) listed. PDCs and ADCs are available from the Defense Logistics Management Standards Office Web site: <http://www.dla.mil/fj-6/dlms/olibrary/Changes/processchanges.asp>

- ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition
- ADC 59, Customer Identification on Automated Exception Requisitions
- ADC 67, Identification of the Passing Order/Referral Order Submitter on the DS 511R, Requisition
- ADC 69, DLMS Mapping for Requisition Exception Data Transaction, DLA DI Code YRZ
- ADC 69A, DLMS Mapping to IC/DS 511M and 869F for Requisition Exception Data Transaction, DI Code YRZ
- ADC 70, DLMS Mapping for DLA Directed MRO (Requisition), DI Code C0A/C01 and DLA Directed MRO (Referral Order), DI Code CQA/CQ1
- ADC 75, DLA Unique Identification of Internal Delivery Date in Requisitions
- ADC 76, Air Force Unique Management Coding for NMCS/MICAP
- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)
- ADC 79, Requisition/Referral Order for Owner-Directed Disposition of Service-Owned Stocks, Centrally Managed/Stored by DLA
- ADC 83, Revision to DS 511R to Identify Ordered by Activity
- ADC 86, Revision to DLMS Supplement 511R to Transmit Requisition Image Transactions
- ADC 92, Qualifier Additions to Segment FA2
- ADC 97, Long Item Description for DMLSS Requisition Processing
- ADC 169, Inclusion of Data Supporting UID of Items in DLMS Requisition and Material Release Processes
- ADC 176, Revision to Requisition Format to Accommodate Commodity-Unique (Mapping Products) Data
- ADC 178, DS 511R Requisition to Support DEPMED Unit of Assembly
- ADC 183, DS 511R Requisition Revisions Supporting DoD EMALL Part Number Catalog Orders
- ADC 186, DLMS Requisition Revisions to Support Theatre Enterprise-Wide Logistics System (TEWLS)
- ADC 221, Communication of Unit Price and Total Price under DLMS
- ADC 221A, Revised Procedures associated with the DLMS Enhancement for Communication of Unit Price
- ADC 243, Identification of Army Single Stock Fund (SSF) Requisitioning Actions and Edit Action Code (EAC) Authorization

- All ADCs that have affected the IC are listed by number and name
- Word searches can be preformed to determine ADCs that may be of particular interest



DLMS 511R IC - Transaction Set Table Diagram

Heading:							
Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	ST	Transaction Set Header	M	1			Must use
20	BR	Beginning Segment for Material Management	M	1			Must use
* 30	G62	Date/Time	O	10			Not Used
* 40	NTE	Note/Special Instruction	O	10			Not Used
* LOOP ID - LM					50	N1/50L	
* 50	LM	Code Source Information	O	1		N1/50	Not Used
60	LQ	Industry Code	M	100			Must use
LOOP ID - N1					20	N1/70L	
70	N1	Name	M	1		N1/70	Must use
* 80	N2	Additional Name Information	O	2			Not Used
* 90	N3	Address Information	O	2			Not Used
* 100	N4	Geographic Location	O	1			Not Used
110	G61	Contact	O	5			Used
Detail:							
Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LX					>1		
10	LX	Assigned Number	O	1			Must use
20	N9	Reference Identification	M	>1			Must use
30	PO1	Baseline Item Data	O	>1			Must use

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- Transaction set table hierarchy diagram
 - Identifies the segments and loops that are used in the DLMS 511R.



DLMS 511R IC - Transaction Set Table Diagram

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 50	PWK	Paperwork	O	1			Not Used
60	DD	Demand Detail	O	100			Used
70	GF	Furnished Goods and Services	O	1			Used
80	G62	Date/Time	O	20			Used
* 90	MAN	Marks and Numbers	O	5			Not Used
100	LIN	Item Identification	O	>1			Used
105	MEA	Measurements	O	>1			Used
110	G69	Line Item Detail - Description	O	>1			Used
120	NTE	Note/Special Instruction	O	>1			Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 50	PWK	Paperwork	O	1			Not Used
60	DD	Demand Detail	O	100			Used
70	GF	Furnished Goods and Services	O	1			Used
80	G62	Date/Time	O	20			Used
* 90	MAN	Marks and Numbers	O	5			Not Used
100	LIN	Item Identification	O	>1			Used
105	MEA	Measurements	O	>1			Used
110	G69	Line Item Detail - Description	O	>1			Used
120	NTE	Note/Special Instruction	O	>1			Used
LOOP ID - LM					50		
130	LM	Code Source Information	O	1			Must use
140	LQ	Industry Code	M	100			Must use
LOOP ID - QTY					≥1	N2/150L	
150	QTY	Quantity	O	1		N2/150	Used
* LOOP ID - LM					50		
* 160	LM	Code Source Information	O	1			Not Used
170	LQ	Industry Code	M	100			Must use
LOOP ID - N1					100	N2/180L	
180	N1	Name	O	1		N2/180	Must use
190	N2	Additional Name Information	O	2			Used
200	N3	Address Information	O	2			Used
210	N4	Geographic Location	O	1			Used
* 215	G61	Contact	O	5			Not Used
LOOP ID - REF					≥1	N2/220L	
220	REF	Reference Identification	O	1		N2/220	Used
* 230	G62	Date/Time	O	10			Not Used
240	N9	Reference Identification	O	>1			Used
250	N1	Name	O	1			Used
* 260	R4	Port or Terminal	O	1			Not Used
* LOOP ID - LM					50		
* 270	LM	Code Source Information	O	1			Not Used
280	LQ	Industry Code	M	100			Must use
LOOP ID - FA1					≥1		
285	FA1	Type of Financial Accounting Data	O	1			Used
286	FA2	Accounting Data	M	>1			Must use
290	SE	Transaction Set Trailer	M	1			Must use



DLMS 511R IC - ST Segment

DLMS Implementation Convention (IC)
511R Requisition

ADCs 45, 59, 67, 69, 69A, 70, 75, 76, 77, 79, 83, 95, 92, 97, 169, 176, 178, 183, 186, 221, 221A, 243, 264, 266, 274, 276, 279, 294, 294A, 322, 328, 352, 359, 363, 375, 377, 381, 3819, 426, 435, 436, 449, 449B, 457, 466, 473, 473A, 1009A, 1014, 1014A, 1019, 1020, 1021, 1023, 1043, 1043A, 1043B, 1043C, 1050, 1062, 1068, 1075, 1110, 1123, 1136 and 1184 DLM 4000.25

ST Transaction Set Header

Pos: 10	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:
1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		Code Name 511 Requisition					
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		Federal Note: A unique number assigned by the originator of the transaction set, or the originator's application program.					

Pos: 10 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 2**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		Code Name 511 Requisition					
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		Federal Note: A unique number assigned by the originator of the transaction set, or the originator's application program.					



DLMS 511R IC - BR Segment

BR Beginning Segment for Material Management

DLMS Implementation Conversion (IC)

DLMS Note:

Syntax Rules:

- C0504 - If BR05 is present, then BR04 is required.
- P0708 - If either BR07 or BR08 is present, then the other is required.
- P1011 - If either BR10 or BR11 is present, then the other is required.

Semantics:

- BR02 is the date of the transaction set preparation.
- BR09 is the time of the transaction set preparation.

Element Summary:

Ref	M	Element Name	Req	Type	Min/Max	Usage	Rep
BR01	M	Transaction Set Purpose Code	M	ID	2/2	Must use	1
BR02	M	Transaction Type Code	M	ID	2/2	Must use	1

BR Beginning Segment for Material Management

Pos: 20 Max: 1
 Heading - Mandatory
 Loop: N/A Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of a material management transaction and transmit identifying numbers and dates

Syntax Rules:

- C0504 - If BR05 is present, then BR04 is required.
- P0708 - If either BR07 or BR08 is present, then the other is required.
- P1011 - If either BR10 or BR11 is present, then the other is required.

Semantics:

- BR03 is the date of the transaction set preparation.
- BR09 is the time of the transaction set preparation

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BR01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1
BR02	640	Transaction Type Code	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

Code Name

- 00 Original
- 77 Simulation Exercise

DLMS Note:

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

- ZZ Mutually Defined

DLMS Note:

- Use to identify the Unit of Use Indicator. When included, the quantity and unit of measure values associated with this transaction are applicable to the unit of use.
- Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.
- Authorized DLMS enhancement for DLA Disposition Services. Refer to ADC 457.

BR02	640	Transaction Type Code	M	ID	2/2	Must use	1
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Description: Code specifying the type of transaction



DLMS 511R IC – N1 Segment

Ref	Id	Element Name
N101	98	Entity Identifier Code

N1 Name

Pos: 70 Max: 1
 Heading - Mandatory
 Loop: N1 Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 1/N1/070 loop to identify the organization originating the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: *Use any code.*

DLMS Note: *1. For DLMS use, only the following codes are authorized.*

2. Use only one of codes OB, Z5 or ZL.



DLMS 511R IC – G61 Segment Point of Contact

G61 Contact

DLMS Introductory Training (DLMS 511R) is a system for managing the contact information of individuals and groups. It is used to track the contact information of individuals and groups who are involved in the acquisition process. The system is used to track the contact information of individuals and groups who are involved in the acquisition process. The system is used to track the contact information of individuals and groups who are involved in the acquisition process.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6101	366	Contact Function Code	M	ID	2/2	Must use	1

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
G6101	366	Contact Function Code	M	ID	2/2	Must use	1

Description: Code identifying the major duty or responsibility of the person or group named

Federal Note: Use any code.

DLMS Note: For DLMS use, only the following codes are authorized.

Code Name

AA Authorized Representative

Federal Note:

Use to identify the individual who authorized the requisition.

IC Information Contact

Federal Note:

Use to identify the point of contact.

DLMS Note:

DLA Disposition Services uses in conjunction with the Ordered By DoDAAC to perpetuate the customer contact name and phone number from the Reutilization/Transfer/Donation (RTD) Web Application to DLA Disposition Services. Refer to ADC 466.





DLMS 511R IC – N9 Segment Within LX Loop

N9 Reference Identification

DLMS Implementation Convention (IC): N902, N903, N904, N905, N906, N907, N908, N909, N910, N911, N912, N913, N914, N915, N916, N917, N918, N919, N920, N921, N922, N923, N924, N925, N926, N927, N928, N929, N930, N931, N932, N933, N934, N935, N936, N937, N938, N939, N940, N941, N942, N943, N944, N945, N946, N947, N948, N949, N950, N951, N952, N953, N954, N955, N956, N957, N958, N959, N960, N961, N962, N963, N964, N965, N966, N967, N968, N969, N970, N971, N972, N973, N974, N975, N976, N977, N978, N979, N980, N981, N982, N983, N984, N985, N986, N987, N988, N989, N990, N991, N992, N993, N994, N995, N996, N997, N998, N999, N1000

N9 Reference Identification

Use Option Element: Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Rules:

- N902 - At least one of N902 or N903 is required.
- C0605 - If N906 is present, then N905 is required.

Semantics:

- N902 reflects the time zone which the time reflects.
- N907 contains data relating to the value cited in N902.

Federal Note:

- Use to identify the transaction number.
- Use additional repetitions to identify ancillary information related to the requisition.

DLMS Note:

- The transaction number defines each requisition included in the transaction set. The composition of each transaction number within the 111 transaction set is as follows: (1) the DoDAAC (or Security Assistance (SA) identification code), (2) a four position date consisting of the last digit of the calendar year and the ordinal day of the calendar year, and (3) the requisition serial number.
- For Military Assistance Program/Grant Aid (MAP/GA) transactions, the SA identification data is a six position number consisting of Service Assignment Code in the first position, Country or International Organization Code in the second and third positions, Customer-Within-Country Code in the fourth position, zero in the fifth position, and Type of Assistance and Financing Code in the sixth position.
- For Foreign Military Sales (FMS) transactions, the SA identification data is a six position number consisting of Service Assignment Code in the first position, Country or International Organization Code in the second and third positions, Customer-Within-Country Code in the fourth position, Delivery Terms Code in the fifth position, and Type of Assistance and Financing Code in the sixth position. For Canada only, identify the customer-within-country with a two position code in the fourth and fifth positions.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Federal Note: Use any code.

DLMS Note: For DLMS use, only the following codes are authorized.

N9 Reference Identification

Pos: 20 Max: >1
 Detail - Mandatory
 Loop: LX Elements: 4

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Rules:

- R0203 - At least one of N902 or N903 is required.
- C0605 - If N906 is present, then N905 is required.

Semantics:

- N906 reflects the time zone which the time reflects.
- N907 contains data relating to the value cited in N902.

Federal Note:

- Use to identify the transaction number.
- Use additional repetitions to identify ancillary information related to the requisition.

DLMS Note:

- The transaction number defines each requisition included in the transaction set. The composition of each transaction number within the 511 transaction set is as follows: (1) the DoDAAC (or Security Assistance (SA) identification data), (2) a four position date consisting of the last digit of the calendar year and the ordinal day of the calendar year, and (3) the requisition serial number.
- For Military Assistance Program/Grant Aid (MAP/GA) transactions, the SA identification data is a six position number consisting of Service Assignment Code in the first position, Country or International Organization Code in the second and third positions, Customer-Within-Country Code in the fourth position, zero in the fifth position, and Type of Assistance and Financing Code in the sixth position.
- For Foreign Military Sales (FMS) transactions, the SA identification data is a six position number consisting of Service Assignment Code in the first position, Country or International Organization Code in the second and third positions, Customer-Within-Country Code in the fourth position, Delivery Terms Code in the fifth position, and Type of Assistance and Financing Code in the sixth position. For Canada only, identify the customer-within-country with a two position code in the fourth and fifth positions.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

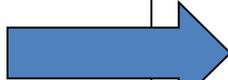
Federal Note: Use any code.

DLMS Note: For DLMS use, only the following codes are authorized.



DLMS 511R IC – N901 Data Element Document Number

DLMS Implementation Convention (IC) 511R Requisition	ADC=45, 50, 51, 52, 55A, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.
Code Name	DLA Disposition Services uses to identify the Disposition Services Container Identification (DCI). DLA Disposition Services uses container ID on requisitions to link the DTCD Number to the applicable container. DLMS enhancement, refer to ADC 381.
DR	Job Order Number
DLMS Note	1. Use to identify the associated Job Order (JO) Number. 2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.
AN	Associated Purchase Order
DLMS Note	Use for cross-reference to the customer's internal Purchase Order (PO) Number (use PO Number per requisition document number). When submitted, this value will be precluded to subsequent transactions. Authorized for CLA interface with the Exchange, NE/CCSE, MCH, and non-DoD customers as required. (See ADC 473A)
CO	Customer Order Number
DLMS Note	1. Use to identify the Customer Order Acceptance Record (COAR) applicable to the Job Order Number. 2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381 (if applicable).
CT	Contract Number
DLMS Note	1. Use to identify the contract number associated with DoD EMALL/part numbered catalog order. 2. DLMS enhancement, see introductory DLMS 3a.
FB	Original Reference Number
DLMS Note	1. Use to identify the Prior Requisition Document Number when re-requisitioning material subsequent to purchase of material from DLA. Applicable when re-requisitioning to use to storage activity denial or receipt of quality deficient material. 2. Authorized DLMS enhancement for BRAC MSEP only. Refer to ADC 352 and ADC 355.
IT	Internal Customer Number
DLMS Note	Use to identify the DoD EMALL generated customer identification or other authorized submitter of requisitions (excluding in-house exception when addressing).
IKW	Certification
DLMS Note	Use to identify DSS Personnel Code used to identify the ICP individual who initiated the DLA Directed MRD via the DSS Super MRD interface. Use in post-pool requisitions/refer orders (DLA CI Codes C01/C0A, C02/C0B). See introductory DLMS 3a.
IS	Routing Instruction Number
DLMS Note	Use to identify the DLA Output Routing Code used to identify the ICP individual who initiated the DLA Directed MRD via the Order Direct ICP to DSS MRD interface. Use in post-pool requisitions/refer orders (DLA CI Codes C01/C0A, C02/C0B). See introductory DLMS 3a.
TN	Transaction Reference Number
DLMS Note	1. Must use to identify the transaction number of the requisition. This is the document number. 2. When used in the requisition alert (BR06=83), this will be the requisition alert document number. The requisition alert document number is an authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.



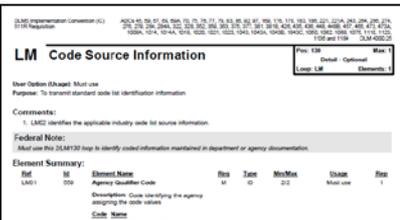
TN Transaction Reference Number

DLMS Note:

1. Must use to identify the transaction number of the requisition. This is the document number.
2. When used in the requisition alert (BR06=83), this will be the requisition alert document number. The requisition alert document number is an authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.



DLMS 511R IC – Industry Code Source



LM Code Source Information

Pos: 130	Max: 1
Detail - Optional	
Loop: LM	Elements: 1

User Option (Usage): Must use

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Must use this 2/LM/130 loop to identify coded information maintained in department or agency documentation.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code Name

DF Department of Defense (DoD)



DLMS 511R IC – Industry Codes

DLMS Implementation Convention (IC) 000A, 01, 02, 03, 04A, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00A, 00B, 00C, 00D, 00E, 00F, 00G, 00H, 00I, 00J, 00K, 00L, 00M, 00N, 00O, 00P, 00Q, 00R, 00S, 00T, 00U, 00V, 00W, 00X, 00Y, 00Z, 00AA, 00AB, 00AC, 00AD, 00AE, 00AF, 00AG, 00AH, 00AI, 00AJ, 00AK, 00AL, 00AM, 00AN, 00AO, 00AP, 00AQ, 00AR, 00AS, 00AT, 00AU, 00AV, 00AW, 00AX, 00AY, 00AZ, 00BA, 00BB, 00BC, 00BD, 00BE, 00BF, 00BG, 00BH, 00BI, 00BJ, 00BK, 00BL, 00BM, 00BN, 00BO, 00BP, 00BQ, 00BR, 00BS, 00BT, 00BU, 00BV, 00BW, 00BX, 00BY, 00BZ, 00CA, 00CB, 00CC, 00CD, 00CE, 00CF, 00CG, 00CH, 00CI, 00CJ, 00CK, 00CL, 00CM, 00CN, 00CO, 00CP, 00CQ, 00CR, 00CS, 00CT, 00CU, 00CV, 00CW, 00CX, 00CY, 00CZ, 00DA, 00DB, 00DC, 00DD, 00DE, 00DF, 00DG, 00DH, 00DI, 00DJ, 00DK, 00DL, 00DM, 00DN, 00DO, 00DP, 00DQ, 00DR, 00DS, 00DT, 00DU, 00DV, 00DW, 00DX, 00DY, 00DZ, 00EA, 00EB, 00EC, 00ED, 00EE, 00EF, 00EG, 00EH, 00EI, 00EJ, 00EK, 00EL, 00EM, 00EN, 00EO, 00EP, 00EQ, 00ER, 00ES, 00ET, 00EU, 00EV, 00EW, 00EX, 00EY, 00EZ, 00FA, 00FB, 00FC, 00FD, 00FE, 00FF, 00GA, 00GB, 00GC, 00GD, 00GE, 00GF, 00GG, 00GH, 00GI, 00GJ, 00GK, 00GL, 00GM, 00GN, 00GO, 00GP, 00GQ, 00GR, 00GS, 00GT, 00GU, 00GV, 00GW, 00GX, 00GY, 00GZ, 00HA, 00HB, 00HC, 00HD, 00HE, 00HF, 00HG, 00HH, 00HI, 00HJ, 00HK, 00HL, 00HM, 00HN, 00HO, 00HP, 00HQ, 00HR, 00HS, 00HT, 00HU, 00HV, 00HW, 00HX, 00HY, 00HZ, 00IA, 00IB, 00IC, 00ID, 00IE, 00IF, 00IG, 00IH, 00II, 00IJ, 00IK, 00IL, 00IM, 00IN, 00IO, 00IP, 00IQ, 00IR, 00IS, 00IT, 00IU, 00IV, 00IW, 00IX, 00IY, 00IZ, 00JA, 00JB, 00JC, 00JD, 00JE, 00JF, 00JG, 00JH, 00JI, 00JJ, 00JK, 00JL, 00JM, 00JN, 00JO, 00JP, 00JQ, 00JR, 00JS, 00JT, 00JU, 00JV, 00JW, 00JX, 00JY, 00JZ, 00KA, 00KB, 00KC, 00KD, 00KE, 00KF, 00KG, 00KH, 00KI, 00KJ, 00KK, 00KL, 00KM, 00KN, 00KO, 00KP, 00KQ, 00KR, 00KS, 00KT, 00KU, 00KV, 00KW, 00KX, 00KY, 00KZ, 00LA, 00LB, 00LC, 00LD, 00LE, 00LF, 00LG, 00LH, 00LI, 00LJ, 00LK, 00LL, 00LM, 00LN, 00LO, 00LP, 00LQ, 00LR, 00LS, 00LT, 00LU, 00LV, 00LW, 00LX, 00LY, 00LZ, 00MA, 00MB, 00MC, 00MD, 00ME, 00MF, 00MG, 00MH, 00MI, 00MJ, 00MK, 00ML, 00MN, 00MO, 00MP, 00MQ, 00MR, 00MS, 00MT, 00MU, 00MV, 00MW, 00MX, 00MY, 00MZ, 00NA, 00NB, 00NC, 00ND, 00NE, 00NF, 00NG, 00NH, 00NI, 00NJ, 00NK, 00NL, 00NM, 00NO, 00NP, 00NQ, 00NR, 00NS, 00NT, 00NU, 00NV, 00NW, 00NX, 00NY, 00NZ, 00OA, 00OB, 00OC, 00OD, 00OE, 00OF, 00OG, 00OH, 00OI, 00OJ, 00OK, 00OL, 00OM, 00ON, 00OO, 00OP, 00OQ, 00OR, 00OS, 00OT, 00OU, 00OV, 00OW, 00OX, 00OY, 00OZ, 00PA, 00PB, 00PC, 00PD, 00PE, 00PF, 00PG, 00PH, 00PI, 00PJ, 00PK, 00PL, 00PM, 00PN, 00PO, 00PP, 00PQ, 00PR, 00PS, 00PT, 00PU, 00PV, 00PW, 00PX, 00PY, 00PZ, 00QA, 00QB, 00QC, 00QD, 00QE, 00QF, 00QG, 00QH, 00QI, 00QJ, 00QK, 00QL, 00QM, 00QN, 00QO, 00QP, 00QQ, 00QR, 00QS, 00QT, 00QU, 00QV, 00QW, 00QX, 00QY, 00QZ, 00RA, 00RB, 00RC, 00RD, 00RE, 00RF, 00RG, 00RH, 00RI, 00RJ, 00RK, 00RL, 00RM, 00RN, 00RO, 00RP, 00RQ, 00RR, 00RS, 00RT, 00RU, 00RV, 00RW, 00RX, 00RY, 00RZ, 00SA, 00SB, 00SC, 00SD, 00SE, 00SF, 00SG, 00SH, 00SI, 00SJ, 00SK, 00SL, 00SM, 00SN, 00SO, 00SP, 00SQ, 00SR, 00SS, 00ST, 00SU, 00SV, 00SW, 00SX, 00SY, 00SZ, 00TA, 00TB, 00TC, 00TD, 00TE, 00TF, 00TG, 00TH, 00TI, 00TJ, 00TK, 00TL, 00TM, 00TN, 00TO, 00TP, 00TQ, 00TR, 00TS, 00TT, 00TU, 00TV, 00TW, 00TX, 00TY, 00TZ, 00UA, 00UB, 00UC, 00UD, 00UE, 00UF, 00UG, 00UH, 00UI, 00UJ, 00UK, 00UL, 00UM, 00UN, 00UO, 00UP, 00UQ, 00UR, 00US, 00UT, 00UU, 00UV, 00UW, 00UX, 00UY, 00UZ, 00VA, 00VB, 00VC, 00VD, 00VE, 00VF, 00VG, 00VH, 00VI, 00VJ, 00VK, 00VL, 00VM, 00VN, 00VO, 00VP, 00VQ, 00VR, 00VS, 00VT, 00VU, 00VV, 00VW, 00VX, 00VY, 00VZ, 00WA, 00WB, 00WC, 00WD, 00WE, 00WF, 00WG, 00WH, 00WI, 00WJ, 00WK, 00WL, 00WM, 00WN, 00WO, 00WP, 00WQ, 00WR, 00WS, 00WT, 00WU, 00WV, 00WW, 00WX, 00WY, 00WZ, 00XA, 00XB, 00XC, 00XD, 00XE, 00XF, 00XG, 00XH, 00XI, 00XJ, 00XK, 00XL, 00XM, 00XN, 00XO, 00XP, 00XQ, 00XR, 00XS, 00XT, 00XU, 00XV, 00XW, 00XX, 00XY, 00XZ, 00YA, 00YB, 00YC, 00YD, 00YE, 00YF, 00YG, 00YH, 00YI, 00YJ, 00YK, 00YL, 00YM, 00YN, 00YO, 00YP, 00YQ, 00YR, 00YS, 00YT, 00YU, 00YV, 00YW, 00YX, 00YY, 00YZ, 00ZA, 00ZB, 00ZC, 00ZD, 00ZE, 00ZF, 00ZG, 00ZH, 00ZI, 00ZJ, 00ZK, 00ZL, 00ZM, 00ZN, 00ZO, 00ZP, 00ZQ, 00ZR, 00ZS, 00ZT, 00ZU, 00ZV, 00ZW, 00ZX, 00ZY, 00ZZ

LQ Industry Code (Pos: 140, Max: 100)

User Option (Usage): Must use
 Purpose: Code to transmit standard industry codes
 Syntax Rules:
 1. C0102 - If LQ01 is present, then LQ02 is required.
 Federal Note:
 Use to identify codes, as appropriate, consistent with management information requirements.
 Element Summary:
 Use to identify codes, as appropriate, consistent with management information requirements.

Ref	Id	Element Name	Description
LQ01	1270	Code List Qualifier Code	Code identifying a specific industry code list

LQ Industry Code

Pos: 140 Max: 100
 Detail - Mandatory
 Loop: LM Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Must use	1

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *1. Use code 99 or A1, but not both, except for ammunition where both codes may be used. Use of both codes for ammunition is a DLMS enhancement. If communicating with a legacy MILSTRIP system only one of the codes may be received by the recipient's automated processing system.*

2. For DLMS use, only the following codes are authorized.



DLMS 511R IC – Industry Codes cont.

Code	Name	Description
0	Document Identification Code	Document Code identifying a specific document within a requisition.
67	Type of Assistance Code	Code used to identify the type of assistance and financing for a requisition.
78	Project Code	Code used to identify special programs, exercises, projects, operations, and other purposes.
79	Priority Designator Code	Code used to identify the priority of a requisition.

Code Name

0 Document Identification Code

DLMS Note:

1. The MILSTRIP DIC is retained in the DLMS to facilitate transaction conversion in a mixed legacy MILSTRIP/DLMS environment. Continued support of the DIC in a full DLMS environment will be assessed at a future date.
2. Use two iterations to identify requisition DIC and Requisition Exception Data Transaction (DLA DIC YRZ), when applicable.
3. Future streamlined data; see introductory DLMS note 3c.

67 Type of Assistance Code

DLMS Note:

1. For SA transactions, use when the coded address in the transaction number does not identify the type of assistance and financing.
2. DLMS enhancement; see introductory DLMS note 3a.

78 Project Code

DLMS Note:

1. Use to identify special programs, exercises, projects, operations, and other purposes.
2. For DoD SLOA/Accounting Classification compliance the Project Code may be repeated as a Project Identifier (FA201 Qualifier '90'). Refer to ADC 1043.

79 Priority Designator Code

DLMS Note:

Recommend using in all requisitions.



DLMS 511R, Requisition

DLMS Implementation Convention (IC) ADCs 45, 59, 67, 69, 69A, 70, 75, 76, 77, 79, 83, 86, 02, 07, 100, 170, 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, 1006A, 1014, 1014A, 1019, 1020, 1021, 1023, 1043, 1043A, 1043B, 1043C, 1050, 1092, 1098, 1075, 1110, 1123, 1130 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:

1. 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.
2. Use a single occurrence of this transaction set to transmit single or multiple requisitions to one or more supply sources.
3. A single transaction set may contain a combination of requisitions for standard and nonstandard materiel.
4. DoD logistics users should refer to the Defense Logistics Management Standards (DLMS) Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6dlmco>. The DLMS IC provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

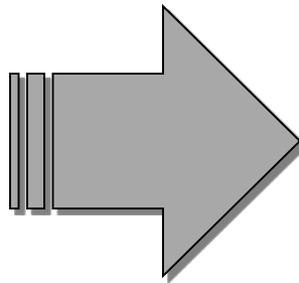
DLMS Note:

1. 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.
2. 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/j-6dlmco.
3. This DLMS Implementation Convention contains:
 - a. 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.
 - b. 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.
 - c. Legacy MILSTRIP data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed legacy MILSTRIP/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with Defense Logistics Management Standards Office for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
 - d. Data elements which have an expanded field size above existing legacy MILSTRIP capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with Defense Logistics Management Standards Office prior to use.
 - e. Data required to accommodate Component-unique transaction requirements (example: C-series transactions). Data does not apply to legacy MILSTRIP transactions.
 - f. 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. This transaction includes placeholders for DLMS enhancements to provide item unique identification (IUID) information pending development of DLMS procedures and overarching OSD Supply Policy. Refer to the IUID web at URL: <http://www.aoc.osd.mil/dpap/pdiuid> for DoD policy.
 5. Effective April 1, 2014, refer to ADC 1075. Users must reference the GENC Standard for country codes (<http://geo.aftonet.org/NSGREG/gencc/discovery>) for a listing of authorized values. Under DLMS, use the GENC Digraph (two-character) code values.

004010F511R5RA47

1

December 07, 2015



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ST*511*00000001
BR*00*A0*20000729*****131
708
N1*OB**10*FB2300**FR
LX*1
N9*TN*FB230093070001
PO1**1*EA***FS*59100012345
67
DD*R*74
LM*DF
LQ*80*2A
LQ*0*A0A
LQ*AL*777
LQ*DF*2
LQ*DE*A
LQ*78*XZZ
LQ*79*02
LQ*A9*YBLDG1
LQ*AK*F
N1*Z4**M4*S9E**TO
N1*Z1**10*FB2060
N1*Z1**10*FD2040
N1*BS**10*FB2300
FA1*DY*D340
FA2*B5*KZ
SE*24*00000001

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MILS to DLMS Mapping

MILS

<u>RP</u> s	<u>Field Legend</u>	<u>Sample Data</u>
01-03	Document Identifier	A01
04-06	Routing Identifier	SMS
07	Media and Status	B
08-22	Stock Number	5910001234567
23-24	Unit of Issue	EA
25-29	Quantity	1
30-43	Document No	FB230093070001
44	Demand	R
45-50	Supplementary Address	
51	Signal	A
52-53	Fund	KZ
54-56	Distribution	
57-59	Project	9GF
60-61	Priority	08
62-64	Reqd. Delivery Date	777
65-66	Advice	2A
67-69	Blank (Date of Rcpt on Referral/Passing Order)	
70-80	Blank (Intra-Service use)	

DAAS

TRANSACTION

SET

DLMS 2.0
ANSI X.12
4010 VERSION

511 R

A0[12457ABDE]
YRZ, CHA, CHI, C0, CQ

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DLMS

```
ST*511*00000001
ST*511*00000001^
BR*00*A0*20000729*****131708^
N1*OB**10*FB2300**FR^
LX*1^
N9*TN*FB230093070001^
PO1**1*EA***FS*5910001234567^
DD*R*74^
LM*DF^
LQ*0*A01^
LQ*78*9GF^
LQ*79*08^
LQ*80*2A^
LQ*DE*A^
LQ*DF*B^
LQ*AL*777^
N1*Z4**M4*SMS**TO^
FA1*DY*D340^
FA2*B5*KZ^
SE*14*00000001^
```



MILS to DLMS

- **DAAS**

- ✓ Implements program logic to accommodate conversion between MILS and DLMS
- ✓ Identifies data content and location within MILS and DLMS
- ✓ Uses conditional rules to determine data content and location





DAAS MAP

TRANSACTION

SET

DLMS 2.0

ANSI X.12

4010 VERSION

511 R

A0[12457ABDE]

YRZ, CHA, CH1, C0, CQ

- The logical maps are used to develop code that executes the mapping on the fly as transactions pass through DAAS.



DAAS Map

Configuration Control Page

Change Log

Date	Reason for Change	Bookmark	Related ADC
12/13/2010	Created change log, this entry shows a sample bookmark See note 1 , how to add bookmark	Transaction Set Identifier Code	None
1/7/2011	Added RP1-2=A0 and RP4-6=HM8 and RP44 is not I, N, O, P, R, S, Z	If RP1-2=A0 and RP4-6=HM8 and RP44 is not I, N, O, P, R, S, Z	ADC243
2/16/11	Insert Disposal Turn in Document Number - RP1-2=C0	Disposal Turn in Document Number	PDC432
2/16/11	Insert Consolidation Shipment Number -Alpha	Consolidation Shipment Number	PDC432
2/16/11	Inserted Disposition Category, Code Disposition Sub-Category Code	Disposition Category Code Disposition Sub-Category Code	PDC432
4/4/11	Inserted Storage Location line	Storage Location	PDC461
5/27/11	Made changes to RP30 and RP45 lines	Ordered By First Part Ordered By Second Part	ADC428
5/27/11	Made RP30=B, D, K, P, T, I on Type of Assistance Code, Service and Agency Code, Service and Agency Code	Type of Assistance Code, Service and Agency Code, Service and Agency Code	ADC428



DLMS 511R Logical Map

511 REQUISITION (A0[1,2,4,5,7,A,B,D,E]A05/YRZ, A0E/YRZ, CHA/CH1/C0/CQ DLA BATCH DOCUMENTS)					
Field Name	Record Position (DLSS)	Conditions	DLMS Data Element	Table	Updated
Transaction Set Identifier Code	None	None	ST01=511	1	
Transaction Set Control Number	None	None	ST02= Serial Number	1	
Beginning Segment	None	If RP1=A If RP1=U Unit of use IND – Ext Data If RP1-2=A0 If RP1-2=CQ DLA RBI or Disp of Svc Owned stock, Centrally Managed/Stored by DLA Ext Data Image Indicator Ext Data If RP1-2=C0 or CQ or If RP1- 2=A0 and RP4=A, B, C, W and RP74-75=DM, IV or FD Reqn Alert IND – Ext-Data	BR01=00 BR01=77 BR01=ZZ BR02=A0 BR02=BN BR03=()CCYYMMDD BR06=RI	1 1	ADC1062 4/4/14
			BR06=FI BR06=J BR06=83 BR09=()HHMM		
Ordered By	30-35	If RP1-2=A0 and RP30≠B, D, K, T, I or P and RP74-75≠IV	N101=OB N103=10 N104=RP 30-35 N106=FR	1	ADC428 5/27/11



Requisition Materiel Identification

The MILS Fixed Format Requisition

RPs Field Legend

01-03	Document Identifier
04-06	Routing Identifier
07	Media and Status
08-22	Stock Number
23-24	Unit of Issue
25-29	Quantity
30-43	Document No
44	Demand
45-50	Supplementary Address
51	Signal

RPs Field Legend

52-53	Fund
54-56	Distribution
57-59	Project
60-61	Priority
62-64	Reqd Delivery Date
65-66	Advice
67-69	Blank (Date of Rcpt on Referral/Passing Order)
70-80	Blank (Intra-Service use)



Requisition Materiel Identification MILS DIC A0_ (RP 8-22)

Record Position	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
NSN	1	2	3	4	5	6	7	8	9	10	11	12	13		
NSN Plus Codes	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2
Part Number	1	2	3	4	5	1	2	3	4	5	6	7	8	9	10
	CAGE					Manufacturer's Part Number									
Subsistence Number	1	2	3	4	1	2	A	1	2	3	1	2	3		
	FSC=89				NCB		<i>Alpha</i>	Supply Bulletin Number			Item Number				



511R, Requisition Materiel Identification Mapping

PO106 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Use only one of codes A1, A2, A4, FB, FS, FT, MG, or YP to identify

(SN)

PO106:

- A1** Plant Equipment Number
- A2** DOD Identification Code (Ammunition)
- A4** Subsistence Identification Number
- FB** Form Number
- FT** Federal Supply Class
- FS** National Stock Number
- MG** Manufacturer's Part Number
- YP** Publication Number
- ZZ** Mutually Defined

PO108 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use only one of codes CN or ZB to fully identify the material.

2. Use PO110 and PO111 when both one of CN or ZB and JP is needed.

CN Commodity Name

Use only with PO106 code FT to identify the material name or description.

JP Package Type Code

Packaging method used for manufacturer product

Must use to indicate Outside Continental United States (OCONUS) shipment. When used, the paired data element 234 will cite 1 indicating that packaging must meet OCONUS specifications.

ZB Commercial and Government Entity (CAGE) Code

A code that identifies a commercial contractor

PO108:

- CN** Commodity Name
- JP** Package Type Code
- ZB** Commercial and Government Entity (CAGE) Code

PO109 234



Mapping Document

MILS DIC A0_ to DLMS 511R

DAAS 511R Map

511 REQUISITION (A0[1,2,4,5,7,A,B,D,E]A05/YRZ, A0E/YRZ, CHA/CHI/C0/CQ DLA BATCH DOCUMENTS)					
Field Name	Record Position (DLSS)	Conditions	DLMS Data Element	Table	Updated
Subsistence Identification Code	8-22	If RP1-2=A0 and If RP6-9=89 and RP14=Alpha and RP3=4 or D	PO106=A4 PO107=RP 8-22	2	5/15/13
Ammunition Identification Code	8-22	Extended Data	PO106=A2 PO107=RP 8-22	2	9/27/10
National Stock Number	8-20	If RP1-2=A0 and If RP3=1 or A and If RP30=D, E, F, or J	PO106=FS PO107=RP 8-20	2	4/27/05
Package Type Code	1	If RP1-2=A0 or CH and If RP3=1, 4, or 5	PO108=JP PO109=1	2	9/24/02
Manufacturer's Part Number	13-22	If RP1-2=A0 and If RP3=2 or B	PO106=MG PO107=RP 13-22	2	4/27/05
CAGE Code	8-12	If RP1-2=A0 and If RP3=2 or B	PO108=ZB PO109=RP 8-12	2	4/27/05
Package Type Code	3	If RP1-2=A0 and If RP3=2	PO110=JP PO111=1	2	4/27/05
Local Stock Number	8-20	DLA Navy BRAC - Ext Data	PO106=SW PO107=LSN	2	ADC381 8/2/10
National Stock Number	None	DLA Navy BRAC - Ext Data	PO108=FS PO109=NSN	2	ADC381 8/2/10

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Example:
MILS DIC: **A0B** → part numbered item

Field Name	RP (MILS)	Conditions	DLMS Data Element
Manufacturer's Part Number	13-22	If RP1-2= A0 and If RP3=2 or B	PO106= MG PO107=RP 13-22
CAGE Code	8-12	If RP1-2= A0 and If RP3=2 or B	PO108= ZB PO109=RP 8-12



Summary

- **DLMS provides a new logistics data exchange format**
 - ✓ Commercial vs. DOD proprietary standard
 - ✓ Variable length vs. 80-record position records
 - ✓ W3C compliant XML schema formats
- **Supports new data content to meet DOD needs**
- **Provides opportunity to reengineer logistics business processes**
- **Supports emerging business/electronic commerce capabilities**



Module 4 Quiz

Question 1: Where do you look to find DLMS specific business rules?

- a) DLMS Implementation Convention
- b) Yellow Pages
- c) ASC X12 transaction set
- d) The sky

Question 2: If implementing a DLMS enhancement, which of the following must be done?

- a) Read DLMS Implementation Convention Notes
- b) Coordinate with trading partner
- c) Cross your fingers
- d) Check for an implementing ADC or check with DLMS Program Office

Question 3: What does DAAS do to facilitate MILS/DLMS conversion?

- a) Implements program logic to automate conversion
- b) Identifies data content and location within the MILS/DLMS formats
- c) Reflects conditions that impact data content and location
- d) All of the above



End of Module 4