



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
8725 JOHN J. KINGMAN ROAD
FORT BELVOIR, VIRGINIA 22060-6221

IN REPLY
REFER TO DLMSO

JAN 30 2008

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 264, DLMS Enhancement for Part-Numbered Requisition Format and USAF Unique Rules for Descriptive Information including Technical Order (T.O.) Number (Supply/MILSTRIP) (Staffed as PDC 282)

The attached change to DOD 4000.25-M, DLMS, is approved for implementation on or before **February 15, 2007**. The updated DLMS Supplement will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site, <http://www.dla.mil/j-6/dlms0/elibrary/TransFormats/formats.asp>, within 10 days from the above date for implementation planning.

Addressees may direct questions to the DLMSO point of contact, Ms. Ellen Hilert, Chair, Supply Process Review Committee at 703-767-0676; DSN 427-0676; or, e-mail: ellen.hilert@dla.mil. Others must contact their Component designated representative.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment

cc:
ADUSD(L)SCI



ADC 264
**DLMS Enhancement for Part-Numbered Requisition Format and
USAF Unique Rules for Descriptive Information including T.O. Number**

1. ORIGINATING SERVICE/AGENCY: USAF, 754 ELSG/LRS; DSN 596-2012;
Commercial 334-416-2012

2. FUNCTIONAL AREA:

a. Primary/Secondary Functional Area: AF Retail Supply

b. Primary/Secondary Functional Process: Part-Numbered Requisitioning

3. REFERENCE: DLMSO Memorandum dated February 20, 2002, subject Approved DLMS Change 52, Termination of DAASC Part Number Conversion Process.

4. BACKGROUND:

a. Intent of the change.

(1) **AF Requirement.** This DLMS change supports an AF Jump Start program. Under the Air Force Jump Start program, part-numbered requisitions (MILSTRIP A02 and A0B transactions), will be produced in DLMS XML using the DLMS 511R format, and will need to perpetuate applicable descriptive information including technical order (T.O.) number, end item description, commodity name, drawing/specification number, or other miscellaneous information. AF business rules for including descriptive data do not conform to the standard DLMS/MILS usage. This change will supports unique procedures for the AF requirement pending future reengineering. Significant changes from the original staffing are **highlighted**.

(2) Associated DLMSO-Sponsored Administrative Changes:

(a) This change includes administrative updates to MILSTRIP-identified descriptive information data associated with part-numbered requisitions, during the transition to DLMS from the MILS-based procedures. This change clarifies DLMS business rules, and specifies future DLMS field length for the identified supplemental information in part-numbered requisitions.

(b) **There is an administrative change to the MILSTRIP format for part-numbered requisitions, to remove the requirement for DAAS to insert the Screening Code Z in record position 44 of the A02/A0B transaction (refer to MILSTRIP Appendix, AP3.4, Non-National Stock Number Requisition).**

b. Scenario applicable to AF unique usage: Requisitions are submitted by the AF Standard Base Supply System (SBSS) by an in-line (user caused), or programmatic input, to fill a customer or stock requirement. When this request is made by part number, it normally

includes descriptive information. SBSS uses a single data element for descriptive information, regardless of the specific type of information.

c. Procedures, transactions, data elements, processing details in use today. Currently, MILSTRIP and DLMS allow four types of descriptive information which may be passed in a part-numbered requisition: T.O., or technical manual number; end item identification; commodity name; and, drawing or specification number. In MILSTRIP, an identification code is passed in the transaction to distinguish the type of descriptive information. In the DLMS format, the identification code is not needed, because each type of descriptive information has available a separate data element identified by a unique qualifier code. (The DLMS also identifies potential enhancements for further inclusion of descriptive information which will not be addressed in this change document.) DAASC used the identification code, or the specific DLMS data element qualifier code, to convert back and forth between MILS and DLMS formats. SBSS has only a single data field to hold and populate part-number descriptive information; further, SBSS has no way to separate or distinguish between the different types of descriptive information. AF MILSTRIP A02 and A0B transactions, therefore, do not include the identification code. Descriptive information falls into the four types specified by MILSTRIP, or may be other miscellaneous information. In addition, the AF field length is 14 positions instead of the 10 positions prescribed by MILSTRIP. Specifically, the descriptive information is transmitted in record position (rp) 67-80 of the AF A02 and A0B transactions, vice the identification code in rp 70, and corresponding descriptive information in 71-80. The DLMS Supplement does not expressly define the current or enhanced field length beyond the X12 standard. Enclosure 1 has actual examples of AF part-numbered requisitions showing different types of descriptive information. Enclosure 2 is the DAAS map for conversion between MILS and DLMS.

5. APPROVED CHANGE:

a. Approved change in detail: The AF will create a DLMS part-numbered requisition with all descriptive information, regardless of type, using a single DLMS data field.

b. Procedures:

(1) **Transaction Preparation:** The AF will generate DLMS part-numbered requisition with any applicable descriptive information included in the NTE, Note Segment, using NTE01, Qualifier ORI, Order Instructions. The data element may include blanks, alpha, numeric, and special characters. The value may be of varied length with a current maximum length of 14 positions which may be expanded further under DLMS.

(2) **DAAS Conversion.** If needed, DAAS will convert AF DLMS notes (from NTE01-02, Qualifier ORI), to the current AF-unique MILS format. That is, the value in the DLMS transaction will be used to populate rp 67-80 of the MILS format. This will conform to the current AF structure which deviates from MILSTRIP rules. AF supply sources will support this format; however, descriptive information may not be usable on an inter-Service basis.

(3) Transaction Processing. The DLA supply source currently receives notes passed in NTE01-02 as technical/descriptive exception information (formerly processed under DLA DI Code YRZ). Under DLMS migration, the NTE01-02, Qualifier ORI, is planned to support exception requisition data, in addition to designated qualifiers identifying specific types of information, such as, T.O. number, commodity name, and end item description, associated with part-number requisitions.

(4) DLMS 511R, Requisition. Update DLMS Supplements as shown to provide for the AF T.O. number, and to show business rules during MILS to DLMS migration, and full MILS field length:

#	Location	Revision	Reason for Change
1	511R 2/NTE01/120	Revise existing DLMS note as shown: ORI Order Instructions DLMS Note: Use with Requisition Exception Data Transaction (DLA DI Code YRZ-Line Counters 01-20) to indicate technical/descriptive exception information for procurement purposes. Segment may be repeated up to 20 times with same NTE01 qualifier. A maximum of 60 positions (including spaces) may be sent for each occurrence of the NTE01. A maximum of 1200 positions of text (including spaces) may be sent. Pick, pack, and special delivery type instructions (DLA DI Code YRZ-Line Counters 01-06) may also be entered as exception data to be forwarded to a DSS storage activity, as part of an exception MRO. This type of data is limited to 360 positions (including spaces) which would be the segment, repeated up to 6 times, with the same NTE01 qualifier. Also used for USAF descriptive data associated with part-numbered requisitions (A02/A0B rp 67-80). See introductory DLMS note 3e.	Identifies usage for USAF. Clarifies mapping and planned DLMS enhancement.

(5) Update MILSTRIP Appendix, AP3.4, Non-National Stock Number Requisition (Mechanical), as shown in Enclosure 3.

(6) Administrative/DLMS Migration Update. As a related, administrative change to the DLMS Supplement documentation, not associated with the specific Air Force requirement, update the DLMS 511R as shown, to provide expanded guidance for additional data elements currently available in the DLMS, as equivalent to MILSTRIP data content. Identify the current field length for MILSTRIP to permit conversion, and the target expanded field length for DLMS enhancements. Apply comparable changes to the 511M, Requisition Modification, and the 869F, Requisition Follow-up (both of which may serve as an original requisition when unmatched to the Supply Source records). Administrative updates are shown in Enclosure 4.

c. **Alternatives:** None identified.

6. REASON FOR CHANGE:

a. The SBSS-prepared A02 and A0B MILS transactions carry the expanded length descriptive data, which could contain various types of information for part-numbered requisitions in rp 67-80, and requires mapping to the DLMS transaction. This information is common to the YRZ exception data used by DLA, and so can be mapped to the generic note field as specified above.

b. **DLMS Field Length Determination.** In determining the field length for the full DLMS enhancement, DLMSO reviewed the AF T.O. numbering system published in T.O. 00-5-18. There are 60 categories of T.O.s identified in the regulation. Within each category there are 7 groups. Each group has 1 to 6 parts and subparts. Each chapter of the regulation has specific rules by category for identification. The result showed a minimum of 30 characters could be used for the complete T.O. number. Taking this and the other data elements associated with part number requisitioning into consideration, DLMSO recommended adoption of the available X12 EDI maximum length of 48 characters for each of the data elements identified in the current MILS format: T.O. Number; End-Item Description; Commodity Name; and, Part Drawing. This establishes the authorized DLMS enhancement field length, so that DLMS migration systems can establish the larger field length in their applications as soon as practical.

c. Reason for removal of Screening Code Z in MILSTRIP Appendix, AP3.4, Non-National Stock Number Requisition. This code was developed to indicate that DAAS had screened the part number for association with an existing National Stock Number (NSN). However, the DAASC screening/conversion was terminated under ADC 52 (reference 3). There was a remaining requirement whereby DAASC automatically inserted the Code Z, to prevent the previously time-consuming screening process for an NSN on part-numbered requisitions for repair parts in support of commercial construction equipment (CCE), and materials handling equipment (MHE) using project codes "JZC" and "JZM." Under ADC 52, screening is either eliminated or performed internally, and all other references to this function were removed from MILSTRIP/DLMS. In confirmation, DLA reported that there is no longer a need for the Z code, and that that internal screening under the DLA modernization system (EBS) replaces this requirement.

7. ADVANTAGES AND DISADVANTAGES:

a. **Advantages (tangible/intangible):** Supports established AF requirements for DLMS migration under Jump Start program with minimal impact on others. Provides guidance for DLMS migration.

b. **Disadvantages:** Perpetuates AF deviation from MILSTRIP procedures. There is no improvement in communication of descriptive information under MILS; however, the end result is consistent with current practice.

8. NOTE ANY REGULATIONS OR GUIDANCE:

a. AFMAN 23-110, Volume II, Part 2, Chapter 9, Attachment 9B-1 (MILSTRIP REQUISITION (A0*)), Requisition Output Transaction.

b. DoD 4000.25-1-M MISTRIP and DLMS manual.

9. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: As soon as possible.

10. IMPACT:

a. Requires DAASC conversion functionality for the T.O. Number to support the migration of the Air Force legacy system to the DLMS.

b. DLMS migration systems will take action when practical, to adopt the expanded field length for the specified data elements.

c. The AF will develop improved techniques for identifying descriptive information within their ERP design, for future separation of descriptive information between authorized data elements.

Enclosure 1

AF Example Transactions (document number hidden)

Yellow
on rp

highlights
67-80

A02SMSK325260017835897EA00002FB-----ZYAF368A6C 01JZC023642DT.O.COMMER
MAN
A02SMSK230400021155897EA00001FB-----ZYAF368A6C 01JZC023642DT.O.36A10-
3-42
A02SMSK1186215082619 EA00002FB-----ZYBF368A6C 01JZC050102D TO.GM LIGHT
TR
A0BF16S1111123065345 RO00005FB-----NY185JMD 01 03777 NO TO
A02SMSK3462312339353-1EA00002FB-----ZYAF384A6C 01JZC023652A1998/M1116
LLA
A0BFZS0L1E5LA-RG317-4EA00001FB-----RYBGGPKD 01 05 TUBE
A0BF83S0YJB5UPA92145-1EA00009FB-----RYAZAQLD 01 02 1Q-1(R)B-
12-3W
A02FGZS81755P5053-16 EA00001FB-----NYAW275D64 01 02 NYLON
MATERIAL
A0BF06S98897374997-30 EA00001FB-----RYBQ328D 01 05365 C130
MAINTENAN
A0BF06S98897443XS003NFEA00002FB-----NYAE505D 01 03 1C-130J-2-
00WD
A0BF83S0YJB5UXP95760-1EA00001FB-----R D 0188008777 *ODOM
A0BF77S8827702-211 EA00001FB-----NYAW690D 01 03 4-4 F190 I6
A02F83S0YJB5A3236SS012EA00100FB-----RYAZ264D6 019GJ02777 SHOPUSE
A0BFHZS97942583R583H62EA00001FB-----RYBQ194D64 01 06 TINKER AFB
OK
A0BF74S8120569-17280-2EA00001FB-----RYBQ687D 0170005777 JSTARS E8
A0BFZS52793LA-31058-6EA00001FB-----RYBGGL4D 01 05 HOSE
ASSEMBLY
A02SMSK230400016705897EA00001FB-----ZYAF368A6C 01JZC023642D36A10-3-42-
4-2

Enclosure 2

Current DAAS Map

Technical Order Number	71-80	If RP3=2 or B and if RP70=A	LIN02=F2 LIN03=RP 71-80
End-Item Description	71-80	If RP3=2 or B and if RP70=B	LIN02=F7 LIN03=RP 71-80
Commodity Name	71-80	If RP3=2 or B and if RP70=C	LIN02=CN LIN03=RP 71-80
Print or Drawing	71-80	If RP3=2 or B and if RP70=D	LIN02=PT LIN03=RP 71-80
Exception Data	21-80	If RP1-2=A0 and If RP1-3=YRZ and RP4-5=01	NTE01=ORI NTE02=RP 21-80

Additional Map Instruction

Exception Data	67-80	If RP1-3=A02/B and rp 30=E or F and rp 70 not=A, B, C, or D	NTE01=ORI NTE02=RP 67-80
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AP3.4. APPENDIX 3.4.

NON-NATIONAL STOCK NUMBER REQUISITION (MECHANICAL)

<u>FIELD LEGEND</u>	<u>RECORD POSITION(S)</u>	<u>ENTRY AND INSTRUCTIONS</u>
Document Identifier	1-3 (rp 4-7 entries are the same as AP3.2)	Enter DI A02 or A0B.
Manufacturer's Code and Part No. ¹	8-22 (rp 23-43 entries are the same as AP3.2)	Enter the CAGE from the DoD and Part No. Cataloging Handbook H4-1 and the part number assigned to the item by the manager.
Demand Screening	44 (rp 45-69 entries are the same as AP3.2)	Enter appropriate code from AP2.8. Code Z may be entered by the DAAS to indicate an Air Force A02/A0B transaction or one with Project Code JZ has been screened for a match to a definitive NSN.
Identification	70 ²	Enter the applicable code to designate the entry in rp 71-80 (if not applicable, leave blank): A - TO or TM B - End Item Identification C - Noun Description of Item D - Drawing or Specification No.
Reference Identification	71-80	Enter the identification of the reference specified in rp 70.

¹If the CAGE and part number cannot be entered in rp 8-22, use DD Form 1348-6 (AP1.6) to requisition the part number or non-NSN items.

² *Air Force part-numbered requisitions use rp 67-80 (without the identification code in rp 70) to provide descriptive information. This may not be recognizable on an inter-Service basis. Refer to ADC 264.*

<u>FIELD LEGEND</u>	<u>RECORD POSITION(S)</u>	<u>ENTRY AND INSTRUCTIONS</u>
<u>GOVERNMENT-FURNISHED MATERIEL REQUISITION ENTRIES:</u> ³		
(rp 23-67 entries are the same as AP3.2)		
Part Number Designation	68	Enter an E in the GFM requisition when a part number is requisitioned.
Contract Call Order Number	69-72	If required by an S/A contract, enter the appropriate contract call order number.
Procurement Instrument Identification Number	73-80	At the option of the S/A, enter last eight positions of the PIIN in lieu of the MDN in rp 54-56. This entry is mandatory if the MDN is not entered in rp 54-56.
<u>MANAGEMENT CONTROL ACTIVITY ENTRIES:</u> Entries Required for Requisitions for Government-Furnished Materiel:		
Routing Identifier	4-6	Enter the RI code of the supply source.
Distribution	54-56	Enter the distribution code of the MCA validating the transaction or the MDN consisting of the MCA's distribution code in rp 54 and two other alpha/numeric characters in rp 55-56.
Routing Identifier	74-76	If required by the S/A, enter the RI code of the validating MCA in rp 74-76.

³ Procedures to control access to DoD material inventories by defense contractors last reported as not implemented by USA (Retail). Refer to AMCL 1A.

Enclosure 4
Administrative Updates

#	Location	Revision	Reason for Change
1	511R 2/LIN/100	<p>Revise the DLMS segment level note:</p> <p>DLMS Note:</p> <p>1. Must Use as needed when requisitioning nonstandard non-NSN material.</p> <p>2. Data elements are DLMS enhancements except where specifically identified. The following nonstandard non-NSN material identification includes data derived from the DD Form 1348-6.</p>	<p>Clarification. This segment is used to identify characteristics for non-NSN material. Some of these data elements are mapped to MILSTRIP part-numbered requisitions which were not previously identified.</p>
3	<p>511R/511M 2/LIN02/100</p> <p>And</p> <p>869F 2/LIN02/50</p>	<p>Add the DLMS note for existing qualifier F2:</p> <p>F2 Technical Order Number</p> <p>DLMS Note:</p> <p>1. <i>During the DLSS/DLMS transition, this field will be used to perpetuate/populate the Technical Order Number/Technical Manual Number identified on MILSTRIP part-numbered requisition (corresponds to AM2/AMB with Identification Code A (rp 70). During this time, a field length greater than 10 positions may be truncated or dropped by the receiving application.</i></p> <p>2. <i>Under full DLMS, the field length shall be expanded to conform to this standard which allows 48 positions. DLMS-capable applications should plan to support this expanded field length as a DLMS enhancement. See introductory DLMS 3f.</i></p> <p>*****</p> <p>Note variation for MILSTRIP Document Identifier: For DLMS Note on Follow-up, substitute AT2/ATB.</p>	<p>Clarifies standard usage/mapping and planned DLMS enhancement.</p> <p>Identifies DLMS enhancement for field length. This is the target field length for modernization.</p>
4	<p>511R/511M 2/LIN02/100</p> <p>And</p> <p>869F 2/LIN02/50</p>	<p>Modify the Federal Note and expand the DLMS note for existing qualifier F7:</p> <p>F7 End-Item Description</p> <p>Federal Note:</p> <p>Use to identify the applicable end item which applies to the nonstandard non-NSN material. Description may include the NSN of the end item and/or nomenclature.</p> <p>DLMS Note:</p>	<p>Clarifies standard usage/mapping and planned DLMS enhancement.</p> <p>Identifies DLMS enhancement for field</p>

		<p><i>1. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the End Item Identification on MILSTRIP part-numbered requisition (corresponds to A02/A0B with Identification Code B (rp 70)). During this time, a field length greater than 10 positions may be truncated or dropped by the receiving application.</i></p> <p><i>2. Under full DLMS, the field length shall be expanded to conform to this standard which allows 48 positions. DLMS-capable applications should plan to support this expanded field length as a DLMS enhancement. See introductory DLMS 3f.</i></p> <p>*****</p> <p>Note variation for MILSTRIP Document Identifier:</p> <p>1. For DLMS Note on Modification, substitute AM2/AMB.</p> <p>2. For DLMS Note on Follow-up, substitute AT2/ATB.</p>	length. This is the target field length for modernization.
5	<p>511R/511M 2/LIN02/100</p> <p>And</p> <p>869F 2/LIN02/50</p>	<p>Expand the DLMS notes for existing qualifier CN:</p> <p>CN Commodity Name</p> <p>Federal Note: Use to identify the nomenclature of the nonstandard non-NSN material.</p> <p>DLMS Note:</p> <p><i>1. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the Noun Description of Item on MILSTRIP part-numbered requisition (corresponds to A02/A0B with Identification Code C (rp 70)). During this time, a field length greater than 10 positions may be truncated or dropped by the receiving application.</i></p> <p><i>2. Under full DLMS, the field length shall be expanded to conform to this standard which allows 48 positions. Multiple repetitions of the commodity name may be used in successive Product/Service ID pairs where additional text space is needed. DLMS-capable applications should plan to support this expanded field length as a DLMS enhancement. See introductory DLMS 3f.</i></p> <p>*****</p> <p>Note variation for MILSTRIP Document Identifier:</p> <p>1. For DLMS Note on Modification, substitute AM2/AMB.</p> <p>2. For DLMS Note on Follow-up, substitute AT2/ATB.</p>	<p>Clarifies standard usage/mapping and planned DLMS enhancement.</p> <p>Identifies DLMS enhancement for field length. This is the target field length for modernization.</p>
6	<p>511R/511M 2/LIN02/100</p>	<p>Expand the DLMS notes for existing qualifier PT:</p> <p>PT Print or Drawing</p>	Clarifies standard usage/mapping and planned DLMS

<p>And 869F 2/LIN02/50</p>	<p>Federal Note: Use to identify the applicable drawing numbers for the nonstandard material.</p> <p>DLMS Note: <i>1. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the Drawing or Specification Number on MILSTRIP part-numbered requisition (corresponds to A02/A0B with Identification Code D (rp 70)). During this time, a field length greater than 10 positions may be truncated or dropped by the receiving application.</i></p> <p><i>2. Under full DLMS, the field length shall be expanded to conform to this standard which allows 48 positions. DLMS-capable applications should plan to support this expanded field length as a DLMS enhancement. See introductory DLMS 3f.</i></p> <p>*****</p> <p>Note variation for MILSTRIP Document Identifier: 1. For DLMS Note on Modification, substitute AM2/AMB. 2. For DLMS Note on Follow-up, substitute AT2/ATB.</p>	<p>enhancement.</p> <p>Identifies DLMS enhancement for field length. This is the target field length for modernization.</p>
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