IN REPLY
REFER TO

DLMSO

September 21, 2004

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved DLMS Change (ADC) 71A, DLMS Mapping for Materiel Release
            Order (MRO)/Disposal Release Order (DRO) Exception Data Transaction
            (Supply)

        The attached change to DOD 4000.25-M, Defense Logistics Management System
(DLMS), is approved for implementation. The updated DLMS Supplement will be posted to
the Defense Logistics Management Standards Office (DLMSO) Web site (http://www.dla.mil/j-
6/dlmso/ICs/Default.htm) within 30 days from the above date for implementation planning.
The Defense Logistics Agency (DLA) implementation is scheduled for January 10, 2005.

        The attached change to DLMS will be incorporated into the DLMS manual in a future
revision. The Defense Automatic Addressing System Center and DLA have advance
authorization to employ these procedures. DLMSO will submit concurrently any necessary
revisions to the governing Federal Implementation Convention to the DOD Electronic Data
Interchange Standards Management Committee, and the Federal Electronic Data Interchange
Standards Management Coordinating Committee.

        Addressees may direct questions to the DLMSO points of contact, Ms. Ellen Hilert,
Chair, Supply Process Review Committee, 703-767-0676, DSN 427-0676, or email:
ellen.hilert@dla.mil or Ms. Vermella Saváge, DOD MILSTRIP System Administrator,
703-767-0674, DSN 427-0674, or e-mail: Vermella.savage.dla.mil. Others must contact their
Service or Agency designated representative.

                                        JAMES A. JOHNSON
                                        Director
                                        Defense Logistics Management
                                        Standards Office

Attachment

cc:
ADUSD(L)SCI
LMI

Approved DLMS Change 71A
DLMS Mapping for MRO/DRO Exception Data Transaction

1. **ORIGINATOR:**

   a.   **Service/Agency:** Defense Logistics Agency

   b.   **Originator:** Supply PRC, Chair: Ellen Hilert, DLA DLMSO/J-62, Defense Logistics
Management Standards Office (DLMSO), 703-767-0676 (DSN 427), ellen.hilert@dla.mil

   c.   **DLA Point of Contact:** Ms. Mary Day

2. **FUNCTIONAL AREA:**

   Primary: Supply

3. **REFERENCE:** DLMSO memorandum, August 7, 2002, subject: Approved DLMS Change 71,
DLMS Mapping for DLA Materiel Release Order (MRO) Exception Data Transaction, Document
Identifier (DI) Code CGU (Supply)

4. **REQUESTED CHANGE:**

   a.   **Title:** DLMS Mapping for MRO Exception Data Transaction, DI Code ZGU

   b.   **Description of Change:** This change accommodates the Distribution Standard System
(DSS) requirement for receiving MRO/DRO exception data. This change modifies the IC/DS
940R, MRO/DRO, to transmit the data content of the Service-unique variations of the DI Code
ZGU.   The DI Code ZGU passes from the Service Inventory Control Point (ICP) to the DSS
storage activity.   Inclusion of these data elements supports DAAS conversion from the Service
unique ZGU transaction originated by ICP to the DLMS transaction required by the receiver. This
change also includes commodity-unique variations not included in the ADC 71 mapping for the
DLA DI Code CGU.

   c.   **Procedures:**

        (1)   This transaction will be employed whenever an MRO/DRO includes clear-text
exception ship-to or pick/pack/delivery/disposal instructions or specialized information that must be
transmitted from the ICP to a DSS storage activity.

        (2) **Implementation Scheduling/Issues:** Full implementation of the conversion map for
the ZGU is dependant upon successful accommodation of the **zero latency requirement** for the
USAF and USA interface. Until resolved, USAF and USA will continue to use the ZGU submitted
via the Customer Information Control System (CICS) requiring no conversion by DAAS. USN
does not employ CICS and implementation for DSS is required to support DSS programming under
Release 5.1 (December 2004).

(3) Add the following codes/notes to the 940R, Material Release Order/Disposal Release Order:

#	Location	Revision	Reason	Federal IC
1.	1/W05/0200	Revise W0507 DLMS notes: **EB Establish Additional Address** Federal Note: Use with W0506 code NA to indicate the MRO contains an exception address. Revise DLMS Note: Use for Materiel Release Order (MRO) Exception Data Transaction (~~*DLA DI Code CGU/ZGU*~~) (ICP to DSS Storage Activity). See introductory DLMS note 4e. **PI Provide Additional Information** Federal Note: Use with W0506 code NA to indicate the MRO contains exception pick/pack/*delivery*/*disposal* instructions. Revise DLMS Note: Use for Materiel Release Order (MRO)/Disposal Release Order (DRO) Exception Data Transaction (~~*DLA DI Code CGU/ZGU*~~) (ICP to DSS Storage Activity). See introductory DLMS note 4e.	Clarification. Generic transaction name used to include additional DI Code. <mark>Staffing Note:</mark> Under this change, Job order number or other non-address information will all be considered applicable to code PI. The current 80 rp format contains a record type which is also mapped in the LQ segment for DADMS exception data formats, and may be used for all exception data formats as needed. Blue highlighting in DLMS notes identifies revisions identified subsequent to the original staffing of the proposal.	No update required
2.	2/N901/0400	Authorize use of additional data element 128 (Reference Identification Qualifier) code values to identify the following DLA DADMS-specific attributes, and add the accompanying DLMS notes: **55 Sequence Number** DLMS Notes: "1. Use to identify the sequence number associated with the map manifest. 2. Use when transaction includes Component-unique exception data." **P7 Product Line Number** DLMS Notes: "1. Use to identify the mapping products Line Number. 2. Use when transaction includes Component-unique exception data." **IX Item Number**	Supports commodity unique requirement for maps. Code values 55, FJ, IX, or MK will accommodate other DADMS-unique exception data fields (i.e., ZGU contents).	No update required

		DLMS Notes: "1. Use to identify the map National Evacuation Order (NEO) Pack Line Number. 2. Use when transaction includes Component-unique exception data. 3. An ANSI data maintenance request has been prepared to request a new code qualifier for NEO Pack Line Number for future use. " **MK Manifest Key Number** DLMS Notes: "1. Use to identify the map Manifest Number. 2. Use when transaction includes Component-unique exception data." **6E Map Reference** DLMS Notes: "Use in MRO to identify the mapping products National Evacuation Order (NEO) NIMA Reference Number (NRN). 2. Use in DRO to identify the NIMA NRN. 3. Use when transaction includes Component-unique exception data." **6G Map Number** DLMS Note: 1. Use to identify the map edition number. 2. Use when transaction includes Component-unique MRO exception data; see introductory DLMS note 4e. Revise existing qualifier WO note: **WO Work Order Number** DLMS Note: 1. Use as needed to identify a maintenance work order number *or job number*. **2. Use when transaction includes Component-unique MRO exception data; see introductory DLMS note 4e.** 3. *DLMS enhancement; see introductory DLMS note 4a.*	Qualifiers were switched to match ANSI names more closely with the functional data element names.	
3.	2/NTE/0450	Revise DLMS Note: Use to indicate *special* instructions. *2. Use when transaction includes Component-unique MRO exception data;* See introductory DLMS note 4e. Revise Note for NTE01 code ORI and add new codes DEL and PMT and associated notes. **ORI Order Instructions.** DLMS Note: DLMS Note: Use to indicate pick/pack/delivery instructions Exception information is required to be sent with accompanying exception MRO. Segment may be repeated up to 12 times with same NTE01 qualifier. Up to 360 bytes of text may be sent. A maximum of 30 bytes may be sent for each occurrence of NTE01. See introductory DLMS note 4e. **DEL Delivery** DLMS Note: 1. Use to indicate delivery instructions. 2. Use when transaction includes Component unique MRO exception data; see introductory DLMS note 4e.	Supports Component unique exception data. STAFFING NOTE: New codes are a placeholder for future use. Currently only AF CICS ZGU Type D maps to DEL Delivery Instructions and Type B Billing Instructions. Others use only Type P for pick/pack/delivery instructions which maps to code ORI.	Updated required

		PMT Payment DLMS Note: 1. Use to indicate billing instructions. 2. Use when transaction includes Component unique MRO exception data; see introductory DLMS note 4e.		
4.	2/QTY01/0700	Add qualifiers and associated notes: **EU Total Consolidated Subsidiaries** DLMS Note: 1. Use to identify the mapping products National Evacuation Order (NEO) PACK Line Total (total number of NEO pack items in this requisition). 2. Use when transaction includes Component-unique exception data. 3. An ANSI data maintenance request has been prepared to request a new code qualifier for Total Number of Lines in Pack for future use. **46 Total Transactions** DLMS Note: Use to indicate the mapping product total manifest lines. (total number of lines/MROs within this NEO PACK Manifest). 2. Use when transaction includes Component-unique exception data. 3. An ANSI data maintenance request has been prepared to request a new code qualifier for Total Number of Manifest Lines for future use.	Supports commodity unique requirement for maps.	
5.	2/G6201/0900	Add qualifiers 07 and associated notes: **07 Effective Date** DLMS Note: *1. Use to identify the map effective date.* *2. Use when transaction includes Component-unique MRO exception data; see introductory DLMS note 4e.* **BC Publication Date** DLMS Note: *1. Use to identify the map edition date.* *2. Use when transaction includes Component-unique MRO exception data; see introductory DLMS note 4e.*	Supports commodity unique requirement for maps.	No update required
6.	2/N1/1100	Revise DLMS notes: **DA Delivery Address** DLMS Note: Use for MRO Exception Data Transaction (~~*DLA DI Code CGU*~~) to indicate the ship-to clear-text exception address is a TAC 2 (ship-to) freight address. **IAD Foreign Office** Federal Note: Use for MRO clear-text exception data FMS in-country address. DLMS Note: *Use when transaction includes Component-unique MRO exception data;* MAPAD TAC M address. See introductory DLMS note 4e. **IF International Freight Forwarder**		No update required

		Federal Note: Use for MRO clear-text exception data FMS Notice of Availability (NOA) address. DLMS Note: *Use when transaction includes Component-unique MRO exception data;* MAPAC TAC 3 address. See introductory DLMS note 4e. **ST Ship To** DLMS Note: 1. Use with code BT for reimbursable material. Use in redistribution orders, material release orders, historical material release orders, disposal release orders, and historical disposal release orders to identify the organization to receive the material, when different from the activity being billed for the material. Use precludes the use of code BS. *2. May be used with clear text address for excess plant property requisitions only. See introductory DLMS note 4e.* Modify DLMS note at N102 as follows: *Use when transaction includes Component-unique MRO exception data* with N101 code DA, IAD, and IF to identify the exception *activity name (for conversion mapping this equates to* address line 1*)*. See introductory DLMS notes 4a and 4e.		
7.	2/N2/1101	Revise N201 note. *Use when transaction includes Component-unique MRO exception data with N101 code DA, IAD, and IF to identify the exception address information (for conversion mapping this equates to address line 2)*. Includes Mark For/Attention when applicable. See introductory DLMS note 4e. Revise N202 note. *Use when transaction includes Component-unique MRO exception data with N101 code IAD, and IF to identify the exception address information (for conversion mapping this equates to address line 3)*. See introductory DLMS note 4e.	Clarification	No update required
8.	2/N3/1102	Modify segment note: DLMS Note: 1. Use with 2/N101/1100 code DA, IAD, IF*, and ST to provide the additional ship-to information*. Revise element note to N301: DLMS Note: *1. Use when transaction includes Component-unique MRO exception data with N101 code DA to identify the exception address information (for conversion mapping this equates to address line 3).* *2. Use when transaction includes Component-unique MRO exception data with N101 code IAD, and IF to*	Clarification	No update required

		identify the exception address information (for conversion mapping this equates to address line 4). *4. See introductory DLMS note 4e.*		
9.	2/N4/1103	<u>Modify segment note:</u> DLMS Note: 1. Use with 2/N101/1100 code DA, IAD, IF*, and ST to provide the additional ship-to information*. <u>Add note to N401:</u> DLMS Note: *Use to identify the city name when transaction includes Component-unique MRO exception data.* <u>Add note to N402:</u> DLMS Note: Use when applicable to identify the state when transaction includes Component-unique MRO exception data. <u>Add note to N403:</u> DLMS Note: Use *when transaction includes Component-unique MRO exception data* for initial postal code associated with the ship-to address. <u>Revise note to N404:</u> DLMS Note: *Use to identify the country. Data element 1270, Code 85, Country and Activity Code, lists applicable code values. Use when transaction includes Component-unique MRO exception data (when other than U.S.) to reflect the country code. For DLA unique data (DI Code CGU), may reflect DLA 3-position country code. See introductory DLMS note 4e.* <u>N405 Add code IP: Postal</u> DLMS Note: Use *when transaction includes Component-unique MRO exception data* to identify the secondary *(parcel post)* nine-position postal code associated with the ship-to address (N101 Code DA). ~~Use only when this postal code differs from initial postal code identified in N403.~~	Clarification and improved mapping.	No update required
10.	2/LQ01/1300	Add new qualifier and notes: 61 Information Indicator Code DLMS Notes: Use when transaction includes Component-unique exception to indicate the specific type of exception data as identified by the exception data record type.	Supports commodity unique requirement.	

    d.   **Alternatives:** None identified.

5.   **REASON FOR CHANGE:** This change supports DLMS implementation. ADC 71 allowed DLA BSM to initiate MRO/DRO exception data in a DLMS format and provided mapping for conversion back to the original CGU format. This addendum is required by DSS to receive exception data as initiated by

Service ICPs using the ZGU format and DLA ICPs using CGU formats.

6. ADVANTAGES AND DISADVANTAGES:

    a. Advantages: Supports Component-level DLMS implementation.

    b. Disadvantages: None identified.

7. IMPACT:

    a. Data Content/Procedures: Requires update to DAAS mapping.

    b. Publication(s): DOD 4000.25-M, DLMS, Federal IC 940R and corresponding DS. The DS revision requires corresponding revision of the Federal IC. All applicable revisions will be submitted to the EDISMC/Logistics Functional Work Group for coordination/approval.

MRO Exception Data Formats

CICS ZGU received (Air Force):

Field	Length	Pos		Mapping Information
Doc Id	3	(1-3)		
Docno	15	(4-18)		2/LQ01/1300-0
Exception Data	3100	record types are delimited by "*" and records by "@"		

Type "J" record:

Field	Length	Pos		Mapping Information
Record Type	1	(19-19)		1/W0507/0100-PI
Job Ord No	6	(20-25)		2/N901/0400-WO
POE	3	(26-28)	Internal DSS/not mapped	
POD	3	(29-31)	Internal DSS/not mapped	
APOE	3	(32-34)	Internal DSS/not mapped	
APOD	3	(35-37)	Internal DSS/not mapped	
SURC	4	(38-41)	Internal DSS/not mapped	
AFS Dodaac	6	(42-47)	Internal DSS/not mapped	
CRP BBP Dodaac	6	(48-53)	Internal DSS/not mapped	

Type "M" record:

Field	Length	Pos		Mapping Information
Record Type	1	(19-19)		1/W0507/0100-EB
Pre Alloc Flag	1	(20-20)	Internal DSS/not mapped	
Pi Pk Hd Ex Flag	1	(21-21)	Internal DSS/not mapped	
Cbl Excep Flag	1	(22-22)	Internal DSS/not mapped	
Cost Code	2	(23-24)	Internal DSS/not mapped	
Func Flag	3	(25-27)	Internal DSS/not mapped	
Bol Air Rate	1	(28-28)	Internal DSS/not mapped	
Mode Desc	6	(29-34)	Internal DSS/not mapped	
Port Bypass Ind	1	(35-35)	Internal DSS/not mapped	
Ship to zip code	9	(36-44)		
Prcl Post zip code	9	(45-53)		

Type "P" record:

Field	Length	Pos	
Record Type	1	(19-19)	1/W0507/0100-PI
Pick pack instr	60	(20-79)	2/NTE01-02/0450-ORI

Type "D" record:

Field	Length	Pos	
Record Type	1	(19-19)	1/W0507/0100-PI
Dlvry instr	60	(20-79)	2/NTE01-02/0450-DEL

Type "B" record:

Field	Length	Pos	
Record Type	1	(19-19)	1/W0507/0100-PI
Bl Spec Instr	60	(20-79)	2/NTE01-02/0450-PMT

Type "A" record:

Field	Length	Pos	
Record Type	1	(19-19)	1/W0507/0100-EB
Type Address Code	1	(20-20)	
Address line	35	(21-55)	

Navy ZGU or CGU:

Field	**Length**	**Pos**
Doc Id	3	(1-3)
Ric To	3	(4-6)
Docno	14	(7-20)
Suffix	1	(21-21)
Record Type	1	(22-22)
Exception Data	51	(23-73)
Ric From	3	(74-76)
Transaction Nbr	2	(77-78)
Total Transacations	2	(79-80)

Field	Length	Pos		
Type "J" record:		(22)		1/W0507/0100-PI
Job Ord No	6	(23-28)		2/N901/0400-WO

Field	Length	Pos		
Type "P"	1	(22)		1/W0507/0100-PI
Pi Pk Instr	30	(23-52)		

Field	Length	Pos		
Type "A" record:		(22)		1/W0507/0100-EB
Type Address Code	1	(23-23)	2=Ship-to Address	2/N101/1100=DA
			3=Notice of Availability	2/N101/1100=IF
			M=FMS In-Country	2/N101/1100=IAD
Line Number	1	(24-24)	If 2/N101/1100=DA	
Address Line	35	(25-59)		2/N102/1100
Line Number	2	(24-24)		--
Address Line	35	(25-59)		2/N201/1101
Line Number	3	(24-24)		--
Address Line	35	(25-59)		2/N301/1102
Line Number	4	(24-24)		--
Address Line	35	(25-59)		2/N401/1103 (city)
				Or

Line Number	1	(24-24)	If 2/N101/1100=IF
Address Line	35	(25-59)	2/N102/1100
Line Number	2	(24-24)	--
Address Line	35	(25-59)	2/N201/1101
Line Number	3	(24-24)	--
Address Line	35	(25-59)	2/N202/1101
Line Number	4	(24-24)	--
Address Line	35	(25-59)	2/N301/1102
			Or
			2/N401/1103 (city)
			N402 (state)
			N403 (zip)
			N404 (country code)

Line Number	1	(24-24)	If 2/N1/1100=IAD
Address Line	35	(25-59)	2/N102/1100
Line Number	2	(24-24)	--
Address Line	35	(25-59)	2/N201/1101
Line Number	3	(24-24)	--
Address Line	35	(25-59)	2/N202/1101
Line Number	4	(24-24)	--
Address Line	35	(25-59)	2/N301/1102
			Or
			2/N401/1103 (city)
			N403 (zip)
			N404 (country code)

Type "M" record:			1/W0507/0100-EB
Manual Alloc Flag	1	(23-23)	Internal DSS/not mapped

Field	Length	Pos		Mapping Notes
PP Held Flag	1	(24-24)	Internal DSS/not mapped	
CBL Flag	1	(25-25)	Internal DSS/not mapped	
Cost Code	2	(26-27)	Internal DSS/not mapped	
Func Flag	3	(28-30)	Internal DSS/not mapped	
Bol Air Rate	1	(31-31)	Internal DSS/not mapped	
Mode Desc	6	(32-37)	Internal DSS/not mapped	
Zone Code	3	(38-40)	Internal DSS/not mapped	
Port Bypass Ind	1	(41-41)	Internal DSS/not mapped	
Ship to zip code	9	(42-50)		2/N403/1103
Prcl Post zip code	9	(51-59)		2/N405-06/1103-IP

ARMY:

Field	Length	Pos		Mapping Notes
Doc Id	3	(1-3)		
Docno	14	(4-17)		
Suffix	1	(18-18)		
Job Ord No	6	(19-24)		2/N901/0400-WO
Pi Pk Data	55	(25-79)		2/NTE01-02/0450-ORI
Rec Type	1	(80-80)	1= job ord no	1/W0507/0100-PI
Rec Type	1	(80-80)	2= pi pk instr	1/W0507/0100-PI

Common ZGU			A5J ZGU			DLMS Mapping
RP	**Data Element**	**Sample Data (either)**	**RP**	**Data Element**	**Sample Data**	
1-3	DI Code "ZGU"		1-3	DI Code "ZGU"		2/LQ01/1300-0
4-6	RI Code TO	DDMA RI Code, i.e., SAH	4-6	RI Code TO	DDMA RI Code, i.e., SAH	
7-21	Document No/Suffix	Must match corresponding A5_ Document No/Suffix	7-21	Document No/ Suffix	Must match corresponding A5J Document No/Suffix	Same as corresponding MRO/DRO
22	Record Type	Blank, D or P	22	Record Type	N or P	1/W0507/0100-PI ==2/LQ01/1300-61== ==2/N901/0400-6E==
23-37	NEO NIMA Reference Number (NRN)	e.g., NEO CAMEROON				
			23-25	Edition Number		2/N901/0400-==Z1==
			26-31	Effective Date	CCYYMM, e.g., 2004062	2/G6201/0900-07
			32-38	Edition Date	CCYYDDD, e.g., 200403	2/G6201/0900-BC
38-45	Manifest Number (of the associated manifest)	e.g., 59211734				==2/N901/0400-MK==
			39-53	NIMA Reference	Relates to NSN, e.g., FAATP711065NC01	==2/N901/0400-6E==

Number (NRN)

46-49	Sequence Number (of the manifest)	e.g., 0001				2/N901/0400-55
50-54	Line Number (of the specific MRO within the manifest)	e.g., 00001				2/N901/0400-P7
55-59	Total Manifest Lines (total lines/MRO within the manifest)	e.g., 00013	54-73	Blank		2/QTY01/0700-46
60-64	NEO Pack Line Number (the specific line number for the MRO of this NEO pack manifest)	e.g., 00001				2/N901/0400-IX
65-69	NEO Pack Line Total (total number of lines/MRO within this NEOPACK manifest)	e.g., 00013				2/QTY01/0700-EU
70-73	Blank					
74-76	RIC FROM	DSCR DADMS RIC, i.e., "HM8"	74-76	RIC FROM	DSCR DADMS RIC, i.e., "HM8"	Same as corresponding MRO/DRO
77-78	Transaction Number	Constant "01"	77-78	Transaction Number	Constant "01"	Not mapped
79-80	Total Transactions	Constant "01"	79-80	Total Transactions	Constant "01"	Not mapped