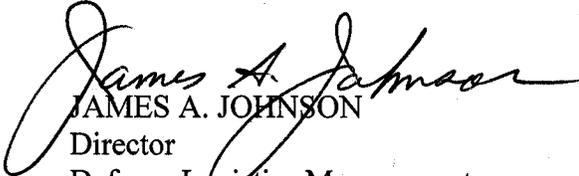IN REPLY
REFER TO

DLMSO

JAN 2 8 2004

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE MEMBERS

SUBJECT: Approved DLMS Change (ADC) 111, Weapon System Data Change DLMS
Supplement (DS) 888W (Staffed by PDC 102) (Supply)

This memorandum forwards an approved change to DOD 4000.25-M, Defense Logistics
Management System (DLMS), for implementation planning. This change incorporates the
functionality of the DLA weapon system data change transaction formats into the DLMS for the
purpose of interfacing between legacy systems and the DLA Business Systems Modernization (BSM)
program. The Defense Logistics Management Standards Office (DLMSO) will coordinate this
change with the DOD Electronic Data Interchange Standards Management Committee (EDISMC),
and the Federal EDI Standards Management Coordinating Committee (FESMCC) for adoption under
the Federal IC.

A planned implementation date is not currently available. Components must provide scheduled
implementation to DLMSO when known. The Defense Automatic Addressing System translation
(conversion) maps for these transactions are not currently programmed. Components must identify
whether this is a requirement.

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

JAMES A. JOHNSON
Director
Defense Logistics Management
Standards Office

Attachment

cc:
ADUSD(L)SCI
LMI

Approved Defense Logistics Management System (DLMS) Change 111
Weapon System Data Change DS 888W

1. ORIGINATOR:

a. Service/Agency: Defense Logistics Management Standards Office (DLMSO)

b. Sponsor: Supply Process Review Committee, Chair: Ellen Hilert, DLA DLMSO/J-6411, DLMSO, 703-767-0676 (DSN 427), ellen.hilert@dla.mil.

c. Functional Points of Contact: Mr. Bob Vitko, Ms Margaret Gandy, or MSGT Charles Major.

2. FUNCTIONAL AREA: Primary: Supply

3. REFERENCES:

a. DLAH 4140.2, Supply Operations Manual, Vol II, Part 1, Chapter 51, Weapon System Support Program, and applicable appendices. Chapter 51 is available at:
http://131.70.202.82/dynaweb/dlaps/dlaman/@Generic__BookTextView/130061;hf=0

b. DLAI 4140.38, DLA Weapon Systems Support Program. This instruction is available at:
http://www.dlaps.hq.dla.mil/dlai/i4140.38.htm.

4. REQUESTED CHANGE:

a. Title: Weapon System Data Change DS 888W

b. Description of Change: This change incorporates the functionality of the DLA weapon system data change transaction formats into the DLMS for the purpose of interfacing between legacy systems and the DLA Business Systems Modernization (BSM) program. The WS1, Weapon Item Data Transaction flows from the participating Service/Agency weapons system program manager to the DLA inventory control point.   The WS1 is used to establish an item identified by NSN as having a weapon system application. The weapon system is identified by Service/Agency and the Weapon System Designator Code. Follow-on WS1 transactions may be submitted to modify (overlay) or delete the initial entry. The WS3, Weapon Item Data Response Transaction, flows from the DLA ICP back to the submitting Service/Agency activity reflecting processing status.   Enclosure 1 is the proposed DS. Enclosure 2 is the DLSS to DLMS Mapping for the WS1. Enclosure 3 is the DLSS to DLMS Mapping for the WS3.

c.   Procedures:

   (1)   Implement DLMS DS 888W during logistics modernization.   All data elements associated with the current WS1/WS3 are mapped to the DS.   The only functional data enhancement for future implementation is the expanded field size for the Weapon System Designator Code. Additional enhancements to improve demand planning in support of weapon systems will be addressed at a later date.

   (a)   Refer to DLMS DS 888W (Enclosure 1) and associated mapping to current WS1/WS3 transactions (Enclosure 2).

   (b)   **Expanded field size for Weapon System Designator Code (WSDC):**   Currently, the WSDC is a three-position code which the HQ DLA assigns to all weapon systems in the DLA Weapon Systems Support Program. The first two positions of the WSDC are alpha, numeric, or a combination. The third position is always an alpha indicating the Service/Agency registering the weapon system in the Program. Because the available code combinations are dwindling, the DLMS WSDC will provide for a minimum three-position/maximum four-position code to allow for many more new code assignments in the future. Participating Service/Agencies will allow for the expanded field size during modernization. Existing WSDC assignments will continue to be accepted. Future code assignments using the longer field length will be made based upon agreement between the requestor and DLA BSM.

   (2)   Modify DOD 4000.25-M, DLMS, Appendix 6, DLMS Supplements to Federal Implementation Convention Listing, as follows to include reference to the DS 888W.

Supplement Number	Supplement Title
888W	Weapon System Data Change Services/Agencies with weapon system program management responsibilities use this transaction set to communicate information to the DLA, which manages supporting component/supporting parts and items. This transaction associates a specific part/item, identified by NSN, with a specific end item/weapons system, identify by Weapons System Designator Code (WSDC), and associated management data. The DLA uses this transaction to respond to Service/Agency activities, giving status of their weapon system application submissions. Procedural guidance related to this transaction is documented under DLAH 4140.2, Supply Operations Manual, Vol II, Part 1, Chapter 51, Weapon System Support Program, and applicable appendices.

5.   **REASON FOR CHANGE:**   The DS 888W, Weapon System Data Change, is needed to communicate information between the DLA BSM and Services/Agencies with weapon system program management responsibilities.

6. ADVANTAGES AND DISADVANTAGES:

a. **Advantages:** This change supports DLMS implementation. This change complies with DOD guidance to use ANSI ASC X12 EDI for transaction interchange (DOD Directive 8190.1). Additionally, this transactional interface is adopted under the DLMS in compliance with DOD guidance to interpret, prescribe and implement DOD supply chain management policy using the DLMS (DOD 4140.1-R, DOD Materiel Management Regulation).

b. **Disadvantages:** None identified.

7. IMPACT:

Publications:

(1) A new 888W Federal IC is being submitted to the Electronic Data Interchange Standards Management Committee/Logistics Functional Work Group for coordination/approval.

(2) DOD 4000.25-M, DLMS

(3) DLAH 4140.2, Supply Operations Manual, Vol II, Part 1, Chapter 51

(4) DLAI 4140.38, DLA Weapon Systems Support Program

(5) Service/Agency implementing guidance

			Current Data Requirements	
Field Name	**Record Position**	**Conditions**	**DLMS Data Element** *Segment/Position/Qualifier/Note*	*Table*
Document Identification Code	01-03	WS1	1/LQ/1000 LQ01=0 (Document Identifier Code) LQ02=RP 1-3	1
Routing Identifier Code -To	04-06	RIC of the processing ICP	2/N1/1560 N101=ICP (Inventory Control Point) DLMS Note: *Use to identify the processing DLA ICP. (Applicable to the Weapon Item Data Transactions.)* N103=M4 (RIC) N104=RP 4-6 N106=TO (Message To)	2
Blank	07			
National Stock Number [NSN]	08-20		2/G39/0400 G3902=FS (NSN) DLMS Note: *Use to identify the NSN to be identified to the end-item weapon system as indicated by the relationship expressed in the weapon system advice code of this transaction.* G3903=RP 8-20	2
Blank	21-23			
Weapon System Essentiality Code [WSEC]	24		2/LQ/1900 LQ01=FF (Essentiality Code) LQ02=RP 24 DLMS Note: *Use to indicate the Weapon System Essentiality Code (WSEC) indicating the degree to which failure of the part/item affects the end item/weapon system to perform. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release. The authoritative code source is DLAM 4140.2 Vol II part 3. Code list is also available in DLAM 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-38.*	2
Weapon System Maintenance Code [WSMC]	25-26		2/LQ/1900 LQ01=FG (Source Maintenance and Recoverability Code) LQ02=RP 25-26 DLMS Note: *Use to indicate the Weapon System Maintenance Code (WSMC) indicating the degree to which repairability/maintenance for the specific part/item affects the end item/weapon system to perform. This is a DLA unique data element meaningful to DLA only. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release. Code list is available in DLAH 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-38.*	2

Blank	27			
Weapon System Designator Code [WSDC]	28-30		2/N9/1510 N901=W2 (Weapon System Number) N902=rp 28-29 *DLMS Note: 1. Must be used to indicate the three-digit or expanded-length four-digit Weapon System Designator Code (WSDC) assigned and/or authorized by DLA to identify the weapon system supported by the identified item. The Service/Agency Code associated with the WSD is identified in the last position of the WSDC. Refer to DLAM 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-44. Currently authorized Service/Agency Codes are:* *A - Army* *F - Air Force* *M - Marine Corps* *N - Navy* *B - Federal Aviation Agency* *R - National Weather Service* *Z - Coast Guard* *2. DLMS enhancement; see introductory note 3a. The four-digit WSD is a planned DLMS enhancement during logistics system modernization. It will only be assigned by agreement between DLA and the requesting Service or Agency.*	2
Weapon System Designator	(28-29)			
Service Code (SVC)/Activity	(30)			
Blank	31-43			
Interchangeability Substitutability Data	44	Placeholder. Reserved for future use.	2/N9/1510 N901=IW (Part Interchangeability) N902=RP 44 DLMS Note: *This data field is reserved for future use. Intended to support a future interchangeability and substitutability (I&S) data requirement.*	
Reserved for Military Service	45-53	Placeholder. Service entries are ignored by ICP.	2/N9/1510 N903= RP 45-53 DLMS Note: *This space is reserved for use by the submitting Service/Agency for narrative information not retained by DLA. Use with Code W2 above when applicable (Equates to WS1/WS3 rp 46-53.)*	
Blank	54-55			
Transaction Date	56-60	Converted from 5-position Julian Date. Mandatory entry due to ANSI syntax – if blank use current date for conversion. This date will apply to the entire transaction.	1/G62/0860 G6201=BB (Transaction Control Date) G6202=CCYYMMDD DLMS Note: *Use to indicate the date of the transaction's preparation.*	1
Blank	61			

Transaction Origination Code [TOC]	62	Optional	2/LQ/1900 LQ01=LM (Case Origin Code) LQ02=RP 62 DLMS Note: *Use to indicate the Weapon System Transaction Origination Code (TOC). This is an optional entry identifying the initiation/origination point of the Weapon Item Data Transaction. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release. The following code list is extracted from DLAM 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-57. Available codes are:* *A – AUTODIN* *B – BRAC* *C – Center* *H – Headquarters* *P - Provisioning*	
Blank	63-64			
Weapon System Advice Code [WSAC]	65-66		2/LQ/1900 LQ01=80 (Advice Code) LQ02=RP 65-66 DLMS Note: *Use to indicate the Weapon System Advice Code indicating the desired action. Allowable codes are:* *AA - Adds/establishes an item as having weapons systems application for the identified WSDC.* *AC - Changes/overlays the WSEC/WSMC for the NSN and WSDC.* *AD - Deletes the item record from the NSN and WSDC.* *AO - Adds (provisioning only - internally generated) an item to the WSDC as having weapon system application.* *An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release. Code list is available in DLAH 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-57.*	2
Routing Identifier Code - From	67-69	RIC of submitting Weapon System Manager	1/N1/0200 N101=55 (Service Manager) N103=M4 (DOD RIC) DLMS Note: *Use to identify the submitting activity representing the service/agency weapon system program. Must be authorized submitter for WSDC. (Applicable to the Weapon Item Data Transaction.)* N106=FR (Message From)	1
Blank	70-80			Blank

ANSI Syntax Requirements/DLMS Enhancements				
Transaction Set Header	None	ANSI mandatory segment	1/ST/0100 ST01=888 (Transaction Set ID Code) ST02= system generated (Transaction Set Control Number) Federal Note: *A unique number assigned by the originator of the transaction set, or the originator's application program.*	1
Beginning Segment	None	ANSI mandatory segment	1/BGN/0150 BGN01=00 (Original) BGN02=Z Federal Note: *Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.* BGM03=Date (CCYYMMDD) Federal Note: *This date corresponds to the Universal Time Coordinate (UTC).* BGM04 Time DLMS Note: DLMS enhancement. Federal Note: 1. Express the originating activity's time in UTC. 2. Express time in a four-position (HHMM) format. DLMS Note: DLMS enhancement. BGN07=W1 (Weapons Data Change) DLMS Note: *Use for Weapon Item Data Transaction (DLA DI WS1). Also use with Code RS below to indicate a response transaction.*	1
Code Source Information	None	ANSI mandatory segment to use code list	1/LM/0900 LM01=DF (Department of Defense)	1
Maintenance Type	None	ANSI mandatory segment	2/G53/0100 G5301=020 (Assignment) DLMS Note: *Use on Weapon Item Data Transactions to fulfill ANSI syntax requirement*	2
Code Source Information	None	ANSI mandatory segment to use code lists	2/LM/1800 LM01=DF (Department of Defense)	2
Transaction Set Trailer	None	ANSI mandatory segment	2/SE/2000 SE01=Total number of segments SE02= system generated (Transaction Set Control Number) Federal Note: *Cite the same number as the one cited in ST02.*	2

			Current Data Requirements	
Field Name	**Record Position**	**Conditions**	**DLMS Data Element** *Segment/Position/Qualifier/Note*	*Table*
Document Identification Code	01-03	WS3	1/LQ/1000 LQ01=0 (Document Identifier Code) LQ02=RP 1-3	1
Routing Identifier Code -To	04-06	RIC of the submitting Service/Agency	2/N1/1560 N101=55 (Service Manager) DLMS Note: *Use to identify the submitting activity representing the service/agency weapon system program. (Applicable to the Weapon Item Data Transaction.)* N103=M4 (RIC) N104=RP 4-6 N106=TO (Message To)	2
Blank	07			
National Stock Number [NSN]	08-20		2/G39/0400 G3902=FS (NSN) DLMS Note: *Use to identify the NSN to be identified to the end-item weapon system as indicated by the relationship expressed in the weapon system advice code of this transaction.* G3903=RP 8-20	2
Blank	21-23			
Weapon System Essentiality Code [WSEC]	24		2/LQ/1900 LQ01=FF (Essentiality Code) LQ02=RP 24 DLMS Note: *Use to indicate the Weapon System Essentiality Code (WSEC) indicating the degree to which failure of the part/item affects the end item/weapon system to perform. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release. The authoritative code source is DLAM 4140.2 Vol II part 3. Code list is also available in DLAM 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-38.*	2
Weapon System Maintenance Code [WSMC]	25-26		2/LQ/1900 LQ01=FG (Source Maintenance and Recoverability Code) LQ02=RP 25-26 DLMS Note: *Use to indicate the Weapon System Maintenance Code (WSMC) indicating the degree to which repairability/maintenance for the specific part/item affects the end item/weapon system to perform. This is a DLA unique data element meaningful to DLA only. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release. Code list is available in DLAH 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-38.*	2
Blank	27			

Weapon System Designator Code [WSDC]	28-30		2/N9/1510 N901=W2 (Weapon System Number) N902=rp 28-29 *DLMS Note: 1. Must be used to indicate the three-digit or expanded-length four-digit Weapon System Designator Code (WSDC) assigned and/or authorized by DLA to identify the weapon system supported by the identified item. The Service/Agency Code associated with the WSD is identified in the last position of the WSDC. Refer to DLAM 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-44.* *Currently authorized Service/Agency Codes are:* *A - Army* *F - Air Force* *M - Marine Corps* *N - Navy* *B - Federal Aviation Agency* *R - National Weather Service* *Z - Coast Guard* *2. DLMS enhancement; see introductory note 3a. The four-digit WSD is a planned DLMS enhancement during logistics system modernization. It will only be assigned by agreement between DLA and the requesting Service or Agency.*	2
Weapon System Designator	(28-29)			
Service Code (SVC)/Activity	(30)			
Overlayed National Stock Number [NSN]	31-43	May be blank.	2/N9/1510 N901= XA (Substitute National Stock Number) N902 =RP 31-43 DLMS Note: *Use to identify the standard, replacing, or head of family NSN when Weapon System Status Code is CD, CG, or CS. This NSN identifies the replacing item for the requested NSN above, submitted on the original Weapon System Item Data transactions. Requested NSN has been changed and continued processing.*	2
Interchangeability Substitutability Data	44	Placeholder. Reserved for future use.	2/N9/1510 N901=IW (Part Interchangeability) N902=RP 44 DLMS Note: *This data field is reserved for future use. Intended to support a future interchangeability and substitutability (I&S) data requirement.*	2
Reserved for Military Service	45-53	Placeholder. Service entries are ignored by ICP.	2/N9/1510 N903= RP 45-53 DLMS Note: *This space is reserved for use by the submitting Service/Agency for narrative information not retained by DLA. Use with Code W2 above when applicable (Equates to WS1/WS3 rp 46-53).*	2
Blank	54-55			

Transaction Date	56-60	Converted from 5-position Julian Date. Mandatory entry due to ANSI syntax – if blank use current date for conversion. This date will apply to the entire transaction.	1/G62/0860 G6201=BB (Transaction Control Date) G6202=CCYYMMDD DLMS Note: *Use to indicate the date of the transaction's preparation.*	1
Blank	61			
Transaction Origination Code [TOC]	62	Optional	2/LQ/1900 LQ01=LM (Case Origin Code) LQ02=RP 62 DLMS Note: *Use to indicate the Weapon System Transaction Origination Code (TOC). This is an optional entry identifying the initiation/origination point of the Weapon Item Data Transaction. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.* *The following code list is extracted from DLAH 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-22. Available code are:* *A – AUTODIN* *B – BRAC* *C – Center* *H – Headquarters* *P - Provisioning*	2
Blank	63-64			
Weapon System Status Code [WSAC]	65-66		2/LQ/1900 LQ01=81 (Status Code) LQ02=RP 65-66 *DLMS Note: Use to indicate the Weapon System Status Code. DLA uses this to provide the submitting Service/Agency the status of the submitted Weapon System application upon input to the Weapon System support Program (WSSP) processes. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release. Code list is available in DLAM 4140.2, Supply Operations Manual, Vol II Part 3, Appendix A-57.*	2
Routing Identifier Code - From	67-69	RIC of the processing ICP. (May change qualifier to ICP)	1/N1/0200 N101= ICP (Inventory Control Point) N103=M4 (DOD RIC) DLMS Note: *Use to identify the managing DLA ICP. (Applicable to the Weapon Item Data Response Transaction.)* N106=FR (Message From)	1
Blank	70-80			

ANSI Syntax Requirements/DLMS Enhancements				
Transaction Set Header	None	ANSI mandatory segment	1/ST/0100 ST01=888 (Transaction Set ID Code) ST02= system generated (Transaction Set Control Number) Federal Note: *A unique number assigned by the originator of the transaction set, or the originator's application program.*	1
Beginning Segment	None	**ANSI mandatory segment**	1/BGN/0150 BGN01=00 (Original) BGN02=Z Federal Note: *Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.* BGM03=Date (CCYYMMDD) Federal Note: *This date corresponds to the Universal Time Coordinate (UTC).* BGM04 Time DLMS Note: DLMS enhancement. Federal Note: 1. Express the originating activity's time in UTC. 2. Express time in a four-position (HHMM) format. DLMS Note: DLMS enhancement. BGN07=W1 (Weapons Data Change) DLMS Note: *Use for Weapon Item Data Transaction (DLA DI WS1). Also use with Code RS below to indicate a response transaction.* BGN08=RS (Report Status) DLMS Note: *Use with W1 above for Weapon Item Data Response Transaction (DLA DI WS3).*	1
Code Source Information	None	ANSI mandatory segment to use code list	1/LM/0900 LM01=DF (Department of Defense)	1
Maintenance Type	None	ANSI mandatory segment	2/G53/0100 G5301=022 (Change in Status) DLMS Note: Use on Weapon Item Data Response Transactions to fulfill ANSI syntax requirement.	2
Code Source Information	None	ANSI mandatory segment to use code lists	2/LM/1800 LM01=DF (Department of Defense)	2
Transaction Set Trailer	None	ANSI mandatory segment	2/SE/2000 SE01=Total number of segments SE02= system generated (Transaction Set Control Number) Federal Note: *Cite the same number as the one cited in ST02.*	2