

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

August 16, 2004

#### MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 128, Revised SDR Transaction Exchange [Formats, Codes, & Unique Identification (UID)] (Supply/SDR)

The attached change to DOD 4000.25-M, Defense Logistics Management System (DLMS) and DLAI 4140.55, AR 735-11-2 SECNAVINST 4355.18A, AFJMAN 23-215, Reporting of Supply Discrepancies, is approved for implementation October 2004. DLA implementation for the Distribution Standard System (DSS) and Business Systems Modernization is January 2005. The updated DLMS Supplement will be posted to the DLMSO Web site (http://www.dla.mil/j-6/dlmso/ICs/Default.htm) within 30 days from the above date for implementation planning.

The attached change to DLMS will be incorporated into the DLMS manual/supplement with the next update and is considered effective upon publication. Advance authorization is provided for any pending Component/DAAS implementation. Components may implement on a staggered basis under logistics system modernization. The USD (AT&L) has directed that the Components adopt the DLMS effective January 1, 2005. The governing Federal Implementation Convention 842A has been approved by the Federal EDI Standards Management Coordinating Committee (FESMCC), the DOD EDI Standards Management Committee (EDISMC), and the Logistics Functional Working Group (LFWG). Any changes required to support this revision will be forwarded to the EDISMC.

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

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Director Defense Logistics Management Standards Office

Attachment

cc: SDR Committee (U.S. & SA) ADUSD(L)SCI LMI

#### ADC 128 Revised SDR Transaction Exchange (Formats, Codes, and UID)

## **1. ORIGINATOR:**

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

**b. Sponsor:** Supply Process Review Committee, Chair: Ellen Hilert, DLA DLMSO/ J-6411, Defense Logistics Management Standards Office (DLMSO), 703-767-0676 (DSN 427), <u>ellen.hilert@dla.mil</u>

#### 2. FUNCTIONAL AREA: Primary: Supply

#### 3. **REFERENCES:**

**a.** The official guidance for submission of SDRs is published in DLAI 4140.55/ AR 735-11-2/SECNAVINST 4355.18A/AFJMAN 23-215. The joint service publication is available at <u>http://www.dla.mil/j-6/dlmso/Manuals/Default.htm</u>.

**b.** DOD 4140.1-R, May 23, 2003, DOD Supply Chain Materiel Management Regulation. This regulation requires automated SDR processing. This regulation is available at <u>http://www.acq.osd.mil/log/logistics\_materiel\_readiness/organizations/sci/assetts/executive\_info/drid/p41401r.pdf</u>. Refer to paragraph C3.8.1.6.4.

**c.** Approved Defense Logistics Management System (DLMS) Change (ADC) 101, DLMS Mapping for Standard SDR/DOD WebSDR Output, DS 842A/W (Supply/SDR) (Staffed by PDC 97)

**d.** Approved Defense Logistics Management System (DLMS) Change (ADC) 114, DS 842A/R DOD Standard SDR Reply and Additional Data Content for the SDR Report (Supply/SDR) (Staffed by PDC 107)

**e.** All DLMS Supplements listed in this memorandum are posted to the DLMSO web site at <u>http://www.dla.mil/j-6/dlmso/elibrary/TransFormats/x12.asp</u>. Federal Implementation Conventions are available at <u>http://fedebiz.disa.mil/cgi/advsearch.cgi</u>.

**f.** UII policy and associated documentation are available at: <u>http://www.acq.osd.mil/UID/index.html</u>.

#### 4. **REQUESTED CHANGE:**

a. Title: Revisions for SDR Transaction Exchange (Formats, Codes, and UID)

b. **Description of Change:** This update modifies both the SDR submission (842A/W) and the SDR Reply (842A/R) DS to make adjustments which are required to support desired

functionality. This change establishes new discrepancy codes and new reply codes which support transactional exchange of SDRs. Since policy and procedures are not yet fully defined, the unique identification (UID) portion of this ADC is considered a planning tool for establishing techniques for accommodating UID within transactional exchanges under the DLMS. As procedures are developed, additional DLMS changes may be staffed. This document is provided as a first step in documenting changes which may be used to support business process improvements. Component system changes which are required to support the integration of the UID data requirements are not identified in this change. Specific revisions are identified below. Changes identified for the joint Component instruction/regulation will also be applied to the DLMS manual.

#### c. Procedures:

#	Location	Revision	Reason
	<mark>842A/W</mark>		
1.	DLMS Introductory Notes	Added the following ADC title: - ADC 128, Revision for SDR Transaction Exchange	Administrative
2.	1/BNR02/0200	Deleted the following DLMS notes: DLMS Note: Use to identify the DoD WebSDR generated control number for this SDR. Field size restricted to 11 positions. Note: Enter "Z" to satisfy ANSI-syntax when DoD WebSDR assigned number is applicable. Other SDR report numbers are carried in the reference segment.	WebSDR report number moved to REF segment – consolidated with other types of report numbers
3.	1/N101/1200	Revise DLMS Notes as follows:41 SubmitterDLMS Note: Use to identify the DoDAAC oforganization submitting the SDR transaction. (Thecustomer will be identified as the submitter unlessusing N101 Code Z6 or ZS.)Z6 Transferring PartyDLMS Note: Use with BGR01 Code 47 to indicatethe routing identifier of theaction activityforwarding the SDR. (Identify the customer at2/N101/2800 Code LW.)ZS Monitoring PartyDLMS Note: Use to identify the DoDAAC oftheInternational Logistics Control Office (ILCO).(Identify the customer at 2/N101/2800 Code LW.)	Clarification

(1) Revise 842A/W and 842A/R DLMS Supplements as follows:

4	2/DEE01/0500		CDD manual 1
4.	2/REF01/0700	Revised DLMS note for qualifier "NN" to read:	SDR report numbers consolidated here - note
		NN Nonconformance Number	expanded to provide clarification
			of intent
		DLMS Note: Use to identify the originator's SDR	
		report control number. This will be the originator's system assigned number. When SDR was originated	
		using the DOD WebSDR, this will be the web-	
		generated control number. Identify the originating	
		system in REF03, e.g., WEBSDR, ADRS, ISDR, BSM,	
		CDCS, AEPS, NSDRS, etc. Repeat the REF segment	
		if more than one SDR report control number must be	
-	2/00001/700	provided for the SDR.	The CA Destal C Instantion
5.	2/REF01/700	Added the following qualifier and DLMS note:	The SA Portal Submission
		S2 Data Source	Number is moved from the LQ to the REF to allow for
			identification of a narrative text
		DLMS Note: Use on SA SDR to identify Portal	in addition to the code when
		Submission Indicator indicating the activity	'other' is selected.
		submitting SDRs as authorized by SA customers, e.g.,	
		SA Customer Submission, STARR PC Submission, ILCO Submission (mailed copy submissions), Freight	
		Forwarder Submission - as authorized by SA customer	
		or Other Activity as authorized by SA customer. If	
		other, use REF03 to provide an explanation.	
		An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future	
		version/release.	
6.	2/LQ01/1050	Deleted the following qualifier w/DLMS note:	Same as above.
	-		
		KW Report Source Code	
		DLMS Note: Use on SA SDR to identify Portal	
		Submission Indicator indicating the activity submitting	
		SDRs as authorized by SA customers, e.g., SA Customer	
		Submission, STARR PC Submission, ILCO Submission	
		(mailed copy submissions), Freight Forwarder Submission - as authorized by SA customer or Other Activity as	
		authorized by SA customer.	
		An ANSI data maintenance action will be taken to obtain a	
		more appropriate code for use in a future version/release.	
7.	2/N202/2900	Delete N202	Address data restructured to use
			distinct data fields (instead of
			address lines) per DoDAAF re-
			engineering.
8.	2/N301/3000	Revise N301 Note:	Same as above.
		DIMS Noto: This coulotes to street address list	
		<b>DLMS Note:</b> This equates to <b>street address</b> . Used when customer input for the reporting activity	
		information or shipper's information is not available or	
		differs from data extracted from the DODAAF.	
9.	2/N401 &	Open N401 and N404:	Same as above.
	N404/4400		

		N401 City Name	
		<b>N404 Country Code</b> DLMS Note: Data element 1270, Code 85, Country and Activity Code, lists applicable code values.	
	<mark>842A/R</mark>		
1.	DLMS Introductory Notes	Added the following ADC title: - ADC 128, Revision for SDR Transaction Exchange	Administrative PDC 132 changes are highlighted in the DS, but are not identified here. Refer to separate PDC documentation.
2	1/BNR01/0200	Added the following qualifier and DLMS note: CN Completion Notification DLMS Note: Use to indicate that action activity has closed the SDR record internally. (This may not mean that all associated actions have been completed.)	Allows ICP to provide identification of closed SDRs.
3.	1/BNR02/0200	Deleted the following DLMS note: DLMS Note: Use code to identify the DoD WebSDR generated control number for this SDR when applicable. Field size restricted to 11 positions. When not applicable, Enter "Z" to satisfy ANSI-syntax requirement. Additional report numbers are carried in the 2/REF/0700.	WebSDR report number moved to REF segment – consolidated with other types of report numbers
4.	1/N101/1200	Revised DLMS note for qualifier "91" to read:91Action PartyDLMS Note:Use to identify the <i>Routing Identifier of the</i> organization providing the SDR response.GPGateway ProviderDLMS Note:Use to identify <i>the Routing Identifier of the</i> DAASC as the intended recipient for distribution or posting to the historical record under DOD WebSDR business rules.PKParty to Receive Copy DLMS Note:Use to identify the <i>DoDAAC of the</i> organization to receive a distribution copy of the SDR reply.	Clarification
5.	1/N103/1200	Added the following qualifier and DLMS note:         10       Department of Defense Activity Address         Code (DODAAC)	Correction DoDAAC required for customer identification.
6.	1/PER/1700	PER at 1700 opened and qualifiers and notes originally misplaced at position 4600 are moved up:RZ Respondant.DLMS Note: Use to identify the action activity point of contact associated with this SDR Reply. An ANSI	Correction.

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18	2/PER01/4600	Added the following qualifier and DLMS note: IC Information Contact DLMS Note:Reserved for future use.	Previously assigned codes moved up to position 1700. Future enhancement would allow POC information associated with the ship-to location. RZ, Respondant, and SE, Service Organization, were moved to table one.
19	2/LQ01/4650	Revise DLMS note:HDDiscrepancy Status or Disposition CodeDLMS Note:Use up to three repetitions to identifydisposition/status.Also referred to as Reply Code.	Clarification

# The following additional revisions are provided for the 842A/W to facilitate unique identification of discrepant items.

1	2/11/02/0100	Add to be the income life and DLMC action	Line of a new Hill Joon for each
1.	2/HL03/0100	Added the following qualifier and DLMS note:	Use of a new HL loop for each item simplifies the mapping for the individual UID data
		I Item DLMS Note: Use to identify UID data consistent with UID data requirements. The UID data is carried in the REF and N1 segments; no other segments are used i n the UID loop. Use a separate UID loop for each item. Skip this level when not applicable.	elements in the REF segment.
2.	2/NCD/2300	Replace existing DLMS note at segment level: DLMS Note: Begin a new NCD loop for each UID loop.	Clarification. Used for ANSI syntax.
3.	2/NCD03/2300	Revise DLMS note: DLMS Note: Use as a counter to satisfy ANSI syntax. Cite numeric 1 EXCEPT where additional NCD loops are used to report multiple incorrect (wrong) items or missing component parts or when providing unique identification of discrepant items. In these instances, Increase incrementally by 1 for each wrong item, missing component, or uniquely identified item identified	Clarification. Used for ANSI syntax.
4.	2/REF/2600	<ul> <li><u>Add the following segment level notes.</u></li> <li>1. Use in 2/HL/0100 UID loop to provide UID information. Repeat the REF segment within each UID loop to identify relevant UID information.</li> <li>2. This transaction will support item identification based upon the UII or the serial number. Data elements associated with the UII may be identified separately. Use the appropriate data elements to satisfy the desired functionality.</li> </ul>	Clarification. Allows for repetition of the REF segment for each applicable data element. Reduces the use of the composite element and removed duplication of batch number.
5.	2/REF01/2600	Revise UID note at data element level and make the following note revisions.         2. Use codes separately or in combination, to identify appropriate information for unique item tracking (UIT) or reporting under UID policy.         PM Part Number         2. Use in UID loop to identify the applicable part number. This will be the original part number when associated with the UII. An ANSI data maintenance request has been prepared to request a new code qualifier for Original Part Number for future use.         QW New Part Number         Use in UID loop to indicate the current part number when different from the original part number	Clarification.

6.	2/REF04/2600	Add new qualifier and note.	Moved from NCD segment.
		<b>T0 Dealer Type Identification</b> DLMS Note: Use to provide the UII Type, e.g., VIN, UID1, UID2, etc. Use with REF01 Code U3. An ANSI data maintenance request has been prepared to request a new code qualifier for UII Type for future use.	
7.	2/N101/2800	Add note 2. IAT Party Executing and Verifying DLMS Note: 1. Use to indicate the Enterprise Identifier (EID) responsible for the UII. An ANSI data maintenance request has been prepared to request a new code qualifier for Enterprise Identifier for future use. 2 The value of the UID Issuing Agency Code (IAC) may be derived from the qualifier used for the Enterprise Identifier. Use only N103 qualifiers for which a corresponding IAC is noted.	Clarification.
8.	2/N103/2800	Delete DLMS note at N103 and modify notes associated with the following qualifiers.         1       D-U-N-S Number, Dun & Bradstreet DLMS Note: Corresponds to IAC 'UN'.         8       UCC/EAN Global Product Identification Prefix DLMS Note: Corresponds to IAC '0-9'.         10       Department of Defense Activity Address Code (DODAAC)         DLMS Note:       1. Use with N101 code 91.         2. IAC for DoDAAC will be provided when available.         33       Commercial and Government Entity (CAGE) DLMS Note: Corresponds to IAC 'D'.         41       Telecommunications Carrier Identification Code         DLMS Note:       Corresponds to IAC 'LB' (ANSI T1.220, Commercial Telecommunications Standards)	Clarification.

(2) Revise Reporting of Supply Discrepancies, DLA 4140.55, et al, as follows:

(a) Revise paragraph E.2.b(5) to provide better instructions for researching suspected shelf-life discrepancies prior to submission.

(5) Report receipt of materiel for which the shelf-life either has expired (Type I nonextendible item) or the inspect/test date has lapsed (Type II extendible item), regardless of dollar value.

(a) For Type I DOD and GSA managed items: Submit an SDR.

(b) For Type II DoD-managed items: Prior to submitting an SDR, access the DoD

Shelf-Life Extension System (SLES) through the DoD Shelf-Life Program website at: <u>http://www.shelflife.hq.dla.mil/</u> or through the shelf life program secure site if you have a .mil address.

(c) Type II items requiring laboratory test: Query the DoD Quality Status Listing (QSL) to determine if the specified Type II item is listed as having passed the required laboratory testing and has been extended. Items that are listed on the QSL as passed may be extended and remarked accordingly if the item has been stored in accordance with its storage standard. For items not on the QSL, prior to submitting a SDR, contact the DLA CALL CENTER at 1-877-DLA-CALL if the shipment originated from a DLA Storage Activity.

(d) Type II items requiring visual inspection: Query the Materiel Quality Control Storage Standards for the specified Type II item, perform visual inspection in accordance with the items storage standard, and extend and remark if the item has been stored in accordance with its storage standard. If the item fails the visual inspection, dispose of IAW local procedures.

(e) For Type II GSA-managed shelf-life items - Prior to submitting an SDR, contact the GSA Shelf-Life HOTLINE at 1-209-547-8613 to determine if the inspect/test date has been extended.

(b) Include new paragraph E.2.d. Discrepancies in Unique Identification Data (and renumber existing subsequent paragraphs).

d. Discrepancies in Unique Identification Data. Report discrepancies involving unique item identification under Unique Item Tracking (UIT) program requirements or as contractually required under Unique Item Identification (UID) program policy. Discrepancies may be related to the packaging label, including automated information technology (AIT); the item marking, including AIT; supply documentation; the due-in record; and/or a mismatch between the item and any of these. The elements which may comprise unique identification are: unique item identifier (UII), UII type, issuing agency code, enterprise identifier (or manufacturer's CAGE), part number (original or current), serial number, and

Batch/Lot Number. The application of these elements will vary according the multiple factures such as the type of item, the specific contract requirements, and the degree of implementation.

(3) Revise Reporting of Supply Discrepancies, DLA 4140.55, et al, Enclosure 1, Definitions, as follows:

**Enterprise Identifier (EID).** An activity identifier code assigned to the entity that is responsible for assigning the unique item identification to an item. EID codes are uniquely assigned by a registration (or controlling) authority (e.g., Dun & Bradstreet's Data Universal Numbering System (D-U-N-S), Uniform Code Council (UCC)/European Article Number (EAN), Commercial and Government Entity (CAGE) code, NATO CAGE (NCAGE) Code.

**Issuing Agency Code (IAC).** The IAC represents the registration authority that issued the enterprise identifier. The value for the IAC is assigned by the Registration Authority for ISO/IEC 15459-2, Registration Procedures. The current Registration Authority of ISO/IEC 15459-2 is NEN – Nederlands Normalisatie-instituut. The IAC can be derived from the data

qualifier for the enterprise identifier and does not need to be marked on the item or carried in the DLMS transaction.

Unique Identification (UID) of Items. The application of a set of data elements that is globally unique and unambiguous, ensures data integrity and data quality throughout life, and supports multi-faceted business applications and users.

Unique Item Identifier (UII). An identifier used in unique item tracking programs to uniquely identify an individual asset used within DOD. The UII may be derived from a DODapproved commercially-accepted identification methodology [e.g., Vehicle Identification Number (VIN)] or a composite structure defined by the DOD [refer to UID Construct 1 and UID Construct 2]. Formation of the UII relies upon two primary methods of serialization: (1) Serialization within the enterprise and (2) Serialization within the original part number of the enterprise. Regardless of which numbering system is used, the UII must include the Enterprise Identifier. Refer to OSD policy and supporting documentation for specific guidance at http://www.acq.osd.mil/UID/index.html. Refer to MIL-STD-130L for specific guidance marking of U.S. Military property.

Unique Item Identifier (UII) Type. A designator that identifies the specific structure and syntax of a type of UII. Specific examples of the UII Type are: Vehicle Identification Number (VIN), UID Construct I (UID1), UID Construct I (UID2).

*Unique Identification (UID) Construct I. This is a concatenated UII based upon serialization within the enterprise. The UII contains the IAC, EID, and serial number.* 

Unique Identification (UID) Construct II. This is a concatenated UII based upon serialization within the part. The UII contains the IAC, EID, original part number, and serial number. For legacy material, a subset of UID Construct II (referred to as Construct IIA) contains a batch, lot number, or other production run number required for uniqueness of the serial number within the part.

(4) Revise Reporting of Supply Discrepancies, DLA 4140.55, et al, Enclosure 2, Instruction for Preparation of Standard Form (SF) 364, as follows:

Item 1 Date of Preparation. Use month, day, and four-position year format *for the date the reporting activity prepares the SDR*."

(5) Revise Reporting of Supply Discrepancies, DLA 4140.55, et al, Enclosure 4, Typical Shipping and Packaging Discrepancies Listed by Discrepancy Code, as follows:

- U01 Unique identification data on label missing or damaged/unreadable
- U02 Unique identification data on item missing or damaged/unreadable
- *U03 Unique identification data on supply documentation missing or damaged/unreadable*
- U04 Unique identification data not provided on shipping notice
- *U05 Non-conformance to unique identification requirements under terms of contract*

U06	Multiple containers without separate unique identification data listings
<i>U07</i>	Mismatch between unique identification data on item and label
U08	Mismatch between unique identification data on item and shipping documentation
U09	Mismatch between unique identification data on item and due-in or shipping notice.
U10	Mismatched or missing unique identification discovered upon opening a sealed vendor's pack.
U11	Material unidentifiable; stock number missing or damaged
<i>U12</i>	Duplicate unique identification

(6) Revise Reporting of Supply Discrepancies, DLA 4140.55, et al, Enclosure 6, Typical Action Activity Responses Listed by Disposition Status Code, as indicated in the attachment 1.

## 5. REASON FOR CHANGE

**a.** The 842 transaction mapping is evolving as the Components and DAASC attempt to implement it. This change represents further fine-tuning of the transaction data contents to accommodate both standard and Component unique requirements.

**b.** Additional Disposition/Status Codes were identified by DLA while preparing for transition to DLMS SDR transaction exchange. The 300-series codes are already used internally in DLA. The additional 100-series codes represent replies which are commonly used, but not accommodated in the current list.

**c.** The update to the instructions for preparation of SDR are provided for clarification. Some users have misinterpreted this date as the date the SDR is received at the action activity.

**d.** OSD policy for the UID states that the Unique Item Identifier shall be the primary pointer or key data element for the AIS in all computational functions including inventory acceptance, item accountability, storage, issue, receipt, valuation, maintenance, and disposal. In support of this requirement, future logistics transactions must identify the UII. This change is required to incorporate the UII as currently defined within DLMS logistics exchange transactions and provide maximum flexibility by authorizing all inclusion of all the data elements which may be associated with unique identification.

#### 6. ADVANTAGES AND DISADVANTAGES:

**a.** Advantages: Supports DLMS implementation and Business Initiatives Council (BIC) SDR Transformation Initiative.

b. Disadvantages: None identified.

## 7. IMPACT:

**a. Data Content/Procedures:** The capability to provide SDRs in the DLMS format must be incorporated in the Component system design. This change supports Component data requirements. For January 2005 implementation, DSS will use the basic 842 format as reflected in the DS, but some data content will be carried in note fields to minimize data base changes. A future revision of DSS will address defining additional specific data elements.

#### **b. Publication(s):**

- (1) The Federal IC 842A
- (2) DOD 4000.25- M, DLMS