



IN REPLY  
REFER

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DLMSO


January 12, 2005

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE MEMBERS

SUBJECT: Approved DLMS Change (ADC) 148, Inclusion of Data Supporting Unique Identification (UID) of Items in DLMS 527D Due-in, Advance Receipt, Due Verification and DLMS 527R Receipt, Inquiry, Response and MRA (Supply) (Staffed as PDC 114)

The attached change to DOD 4000.25-M, 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/dlms/ICs/Default.htm>) within 30 days from the above date for implementation planning. 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, and applicable working groups.

Addressees may direct questions to the DLMSO point of contact, Ms. Mary Jane Johnson, 703-767-0677, DSN 427-0677; email [Mary.Jane.Johnson@dla.mil](mailto:Mary.Jane.Johnson@dla.mil). Others must contact their Component designated Supply Process Review Committee representative.

  
JAMES A. JOHNSON  
Director  
Defense Logistics Management  
Standards Office

Attachment

cc:  
ADUSD(L)SCI  
ADUSD AT&L UID Program Office  
DOD LOGISTICS AIT OFFICE  
UNIQUE ITEM TRACKING COMMITTEE  
JOINT SMALL ARMS COORDINATING GROUP  
JOINT PHYSICAL INVENTORY WORKING GROUP

## ATTACHMENT TO ADC 148

Inclusion of Data Supporting Unique Identification (UID) of Items in DLMS 527D Due-in, Advance Receipt, Due Verification and DLMS 527R Receipt, Inquiry, Response and MRA

### 1. ORIGINATOR:

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

b. **Sponsors:**

(1) Unique Item Tracking Committee (UITC) Chair/MILSTRAP Administrator: Ms. Mary Jane Johnson, DLA DLMSO/J-6251, DLMSO, 703-767-0677 (DSN 427).

(2) Supply Process Review Committee, Chair: Ms. Ellen Hilert, DLA DLMSO/J-6251, Defense Logistics Management Standards Office (DLMSO), 703-767-0676 (DSN 427).

### 2. REFERENCES:

a. All DLMS Supplements (DS) listed in this memorandum are posted to the DLMSO Web site at <http://www.dla.mil/j-6/dlms/elibrary/TransFormats/x12.asp>. Federal Implementation Conventions (IC) are available at <http://fedebiz.disa.mil/cgi/advsearch.cgi>.

b. UID policy and associated documentation is available at: <http://www.acq.osd.mil/dpap/UID/>.

3. **FUNCTIONAL AREA:** Primary: Supply

### 4. REQUESTED CHANGE:

a. **Title:** Inclusion of Data Supporting Unique Identification (UID) of Items in DLMS 527D Due-in, Advance Receipt, Due Verification and DLMS 527R Receipt, Inquiry, Response and MRA.

b. **Description of Change:** This change updates DLMS supplements 527D and 527R transactions to carry unique item identifier (UII) data for unique identification (UID) of assets. Component system changes which are required to support the integration of the UII data are not identified in this change and must be addressed by the Components. The DLMS and DOD 4140.1-R, DOD Supply Chain Materiel Management Regulation, provide for unique item tracking (formerly called serial number tracking) for specific DOD UIT programs. The inclusion of UII data in the DLMS facilitates UIT for those items that fall under the UID policy criteria of 'serial managed' assets. Initial inclusion of the data in DLMS is intended to facilitate UIT by UII for DOD UIT programs, but it also positions DLMS transactions for wider use of UID if requirements are identified as UID logistics

and financial implementation policies evolve.

**c. Procedures:** Modify DOD 4000.25-M, Defense Logistics Management System Manual as follows:

(1) This approved change modifies the Terms and Definition for Issuing Agency Code (IAC) previously approved by Approved DLMS Change (ADC) 127 as follows:

**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.~~

**Rationale for change:** (1) The deleted sentence is procedural and should not be part of the IAC definition and (2) the enterprise identification will be in some, but not all, DLMS transactions.

(2) ADC 127 updated DLMS manual front matter to include unique item identification related definitions and acronyms as provided below for ease of review:

### **Terms and Definitions**

**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), European Article Number (EAN), Uniform Code Council (UCC) System, and Allied Committee 135).

**Issuing Agency Code (IAC).** Replace ADC 127 IAC definition as noted in paragraph 4.c(1) above.

**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 multifaceted 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 DOD-approved 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/dpap/UID/>. 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.

### **Acronyms and Abbreviations:**

**EID Enterprise Identifier**

**IAC Issuing Agency Code**

**UII Unique Item Identifier**

**UID Unique Identification**

(3) This PDC complements and supports PDC 147, November 4, 2004, DLMS Unique Item Tracking (UIT) Procedures – New Chapter 19 (Supply/UIT). PDC 147 is currently being revised for staffing as PDC 147A, based on discussion at the December 9, 2004, Unique Item Tracking Committee meeting.

(4) Modify DLMS Supplements (DS) for 527D and 527R. Mapping and associated notes for ANSI ASC X12 formats are identified in the table at paragraph 7 below. All changes are at the ANSI ASC X12 Version 4010. Changes will be carried over to XML equivalent transactions. DS 527D and 527R are intended to support the following data configuration.

[1] At the transaction level, existing material identification is retained, e.g. NSN or part number/CAGE.

[2] The UIT loop (2/REF/250 loop) provides specific UID information allowing flexibility to identify the item by either the UII or the serial number. The transaction structure will accommodate DLMS unique item tracking by serial number. This is a transitional requirement which may be employed until the Components fully implement tracking by UII across DOD.

[3] Additional data may be related to the primary number but are not mandatory. The following related data elements are permitted: Original Part Number; New Part Number; Serial Number (to be used, if needed, when the UII is the primary identification number); Batch/Lot; Enterprise ID and/or Manufacturer ID; and UII Type. In addition, if the Issuing Agency Code is needed for the AIS system, it may be derived from the ANSI X12 qualifier which identifies the type of EID used when EID is carried in

the transaction (e.g., the ANSI X12 qualifier for DUNS number is “1” from which the corresponding ISO standard IAC value of “UN” may be derived).

[4] The UIT loop is repeated for each item to be identified.

## **5. REASON FOR CHANGE:**

a. OSD policy for UID states that the Unique Item Identifier (UII) shall be the primary or alternate pointer or key data element for the automated information systems (AIS). In support of this requirement, logistics transactions must identify the UII. This change incorporates the UII as defined under UID policy, within DLMS logistics exchange transactions and provides maximum flexibility.

b. A goal of unique identification of items is to help achieve clean audit opinions on DOD financial statements. As the Financial policy and requirements for UID evolve, they may influence future UID implementation in logistics transactions and systems.

c. The UII terminology that had been carried in DS 527D and DS 527R prior to this change was comparable to the serial number, but did not equate to a UII under the new DOD UID definition since a serial number lacks “uniqueness” when used alone. This change introduces the revised understanding of the term UII to DS 527D and 527R.

## **6. ADVANTAGES AND DISADVANTAGES:**

### **a. Advantages:**

(1) Although specific logistics requirements for implementing UID have not been defined, this PDC supports the UID concept by incorporating UID functionality in DS 527D and DS 527R. This change is intended to provide maximum flexibility in transmitting related UID/UIT data requirements.

(2) Provides capability for UIT by UII in DS 527D and DS 527R.

**b. Disadvantages:** None specifically identified; however UID implementation policy is evolving and additional changes may be required to modify or enhance the transactional exchange as outlined in this proposal.

**7. IMPACT: Publication(s):**

**a. Automated Information Systems.** System changes required to support the integration of UID UII data are not identified in this change and must be addressed by the Components.

**b. Publications.** DOD 4000.25-M, DLMS, Federal IC for 527D and 527R and corresponding DLMS Supplements. If needed, revisions to Federal ICs will be submitted to the EDISMC/Logistics Functional Work Group for coordination/approval.

**(1) Revise Federal IC and DS for 527D as follows (highlighted text shows administrative changes not identified in PDC 114). No comments were received to PDC 114.**

Item #	Location	DS 527D Revision	Reason	Federal IC Impact
1	DLMS Introductory Notes	<p><u>Added new DLMS note 5 to read:</u></p> <p><b>5. This transaction may be used to provide Unique Item Identifier (UII) information. Refer to the Unique Identification (UID) web at URL: <a href="http://www.acq.osd.mil/dpap/UID/">http://www.acq.osd.mil/dpap/UID/</a> for DOD policy and business rules.</b></p>	To identify that UID data can be conveyed by this transaction, and the UID web URL	No revision required
2	DLMS Introductory Notes	<p>Added <b>ADC 149</b> title to list of DLMS Changes to DLMS <u>note 6.</u></p> <p><b>-ADC 149, Inclusion of Data Supporting UID of Items in DLMS 527D Due-in, Advance Receipt, Due Verification and DLMS 527R Receipt, Inquiry, Response and MRA (Supply)</b></p>	Identifies DLMS Changes included in the DLMS Supplement	No revision required
3	2/RCD/040	<p><u>Revise DLMS segment level note 3 as follows:</u></p> <p>3. For due-in transactions, use the 2/QTY/310 loop to stratify the RCD due-in quantity by receiving location, when desired. When the entire RCD quantity is due in to one location, specify the receiving location in the 2/N1/210 loop. <b>NOTE: UIT/UID information cannot be provided for quantities stratified by the 2/QTY/310 loop.</b></p>	Clarifies that UID/UIT data cannot be provided for due-in transaction quantities which are stratified by different receiving locations in the 2/QTY/310 loop.	No revision required
4	2/N907/090	<p><b>Add Federal and DLMS notes as follows:</b></p> <p><b>Federal Note: Use any code.</b></p> <p><b>DLMS Note: For DLMS use, only the following codes are authorized.</b></p>	<b>Administrative, DLMS Supplements authorize specific qualifiers.</b>	<b>Revision required adding Federal note.</b>

Item #	Location	DS 527D Revision	Reason	Federal IC Impact
5	2/LQ01/130	<p>Revise DLMS notes 1 and 2 as follows:</p> <p><b>DLMS Note:</b> 1. Use either 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 (see introductory DLMS note 4a).</p> <p>2. For DLMS use, only the following codes are authorized. (Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 4a).</p>	Administrative change to fix existing DLMS notes	No revision required
6	2N106/210	<p>Add Federal and DLMS notes as follows:</p> <p><b>Federal Note:</b> Use any code.</p> <p><b>DLMS Note:</b> For DLMS use, only the following codes are authorized.</p>	Administrative. DLMS Supplements authorize specific qualifiers.	Revision required adding Federal note.
7	2/REF/250	<p>Revised REF Segment notes to read:</p> <p><b>Federal Note:</b> Use the 2/REF/250 loop to provide Unique Identification (UID) information <b>for the purpose of Unique Item Tracking (UIT)</b>.</p> <p><b>DLMS Notes:</b></p> <p>1. Must use the 2/REF/250 loop <b>in due-in and advance receipt information transactions</b> when the item identified in LIN03 of the 2/LIN/010 segment is subject to UIT requirements.</p> <p>2. <b>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.</b></p> <p>3. When both UII or serial number and batch/lot number are required for the item, enter the UII or serial number in 2/REF/250 and enter the batch/lot number in 2/N9/270. When the batch/lot number is required, but the UII/serial number does not apply, enter the batch/lot number in 2/REF/250.</p> <p>4. The <b>entire</b> 2/REF/250 loop is a DLMS enhancement. See introductory DLMS note 4a.</p>	Identifies the purpose of providing the Unique Identification (UID) information and explains use of batch/lot number in the 2/REF/250 loop.	Revision required



Item #	Location	DS 527D Revision	Reason	Federal IC Impact
8	2/REF01/250	<p><u>Revised DLMS note for qualifier "BT" and delete qualifier "LT":</u></p> <p><b>BT Batch Number</b></p> <ol style="list-style-type: none"> <li><i>Use to identify the batch, lot, or production run.</i></li> <li><i>Use 'BT' in 2/REF/250 when UII or serial number does not apply for the item. When UII or serial number is required in addition to batch/lot number, enter the UII or serial number in 2/REF/250 and enter the batch/lot number in 2/N9/270.</i></li> </ol> <p><u>Deleted the following qualifier:</u></p> <p><b><del>LT Lot Number</del></b></p>	<ol style="list-style-type: none"> <li>Explains use of batch/lot number in 2/REF/250 loop.</li> <li>"BT" and "LT" Qualifiers have been combined. Batch/lot are one field in DOD AIT standards. This change eliminates a disconnect between AIT use of batch/lot as one field, and DLMS portrayal of the data as two separate data fields.</li> </ol>	No revision required
9	2/REF/01/250	<p><u>Revised DLMS note for qualifier "SE" to read:</u></p> <p><b>SE Serial Number</b></p> <ol style="list-style-type: none"> <li><i>Use to identify the serial number (when code U3 is not used). Use this qualifier for unique item tracking based upon the serial number.</i></li> <li><i>DLMS enhancement. See introductory DLMS note 4a.</i></li> </ol>	Identifies the purpose of serial number during Unique Item Tracking (UIT)	No revision required
10	2/REF01/250	<p><u>Add qualifier "U3" w/ the following DLMS notes:</u></p> <p><b>U3 Unique Supplier Identification Number</b></p> <ol style="list-style-type: none"> <li><i>Use to identify the UII. Place UII value in REF03. An ANSI data maintenance request has been prepared to request a new code qualifier for Unique Item Identifier for future use.</i></li> <li><i>DLMS enhancement. See introductory DLMS note 4a.</i></li> </ol>	Identifies the Unique Item Identifier (UII) value.	No Revision required
11	2/REF02/250	<p><u>Modified Data Element from "Must Use" to "Used" and added the following DLMS note:</u></p> <p><u>DLMS Note:</u></p> <p><b>Use to indicate serial number when REF01=SE.</b></p>	Identifies the location of the serial number value when used.	Revision required

Item #	Location	DS 527D Revision	Reason	Federal IC Impact
12	2/REF03/250	<p><u>Opened REF03 and added the following DLMS note:</u></p> <p><u>DLMS Note:</u>  <b>Use to indicate UII value when REF01=U3.</b></p>	<p>Identifies the location of the UII value when used.  Per DOD policy, the DOD UID can be up to 78 characters. To allow for the longer length, the UII value is mapped to the REF03 ANSI text field (vice the shorter REF02 reference number field).</p>	Revision required
13	2/G62/260	<p><u>Revised Federal Segment note to read:</u></p> <p><u>Federal Note:</u>  <b>Use to identify dates related to data represented in 2/REF/250.</b></p>	Administrative	Revision required
14	2/N9/270	<p><u>Add DLMS segment level note:</u></p> <p><b>DLMS enhancement. See introductory note 4.a.</b></p>	Administrative to identify segment is an enhancement.	No revision required
15	2/N901/270	<p><u>Revised Data Element DLMS note 1 and added the following qualifiers w/ DLMS notes:</u></p> <p><u>DLMS Note:</u>  1. The <b>following codes are used to identify the characteristics related to the item designated in the 2/REF/250 segment.</b></p> <p><b>PM Part Number</b>  <u>DLMS Note:</u>  <b>Use to identify the part number of the item identified by UII or serial number. Use to identify the original part number when associated with a UII. When this differs from the current part number use N901 to identify the new part number. An ANSI data maintenance request has been prepared to request a new code qualifier for Original Part Number for future use.</b></p> <p><b>T0 Dealer Type Identification</b>  <u>DLMS Note:</u>  <b>Use to identify the UII type per UID guidance e.g., VIN, UID1, UID2, etc.</b></p> <p><b>QW New Part Number</b>  <u>DLMS Note:</u>  <b>Use to indicate the current part number when different from the original part number</b></p>	Provides capability for conveying additional UID information.	No Revision required

Item #	Location	DS 527D Revision	Reason	Federal IC Impact
16	2/N901/270	<p>Revised DLMS notes for qualifiers “BT” and “SE”</p> <p><b>BT Batch Number</b>  <u>DLMS Note:</u>  <i>Use to identify the batch, lot, or production run when UII or serial number is identified in 2/REF/250.</i></p> <p><b>SE Serial Number</b>  <u>DLMS Note:</u>  <i>Use to identify the serial number (when code U3 is used in REF01).</i></p>	Batch and lot numbers have been combined. Batch/lot are one field in DOD AIT standards. This change eliminates a disconnect between AIT use of batch/lot as one field, and DLMS portrayal of the data as two separate data fields.	No revision required
17	2/N901/270	<p>Deleted the following qualifier:</p> <p><del><b>LT Number</b></del></p>	Batch and Lot Number have been combined. See ‘BT’ above.	No Revision required
18	2/N901/270	<p>Deleted the following qualifier and DLMS notes:</p> <p><del><b>W5 Inspector Identification Number</b></del></p> <p><del><u>DLMS notes:</u></del></p> <p><del>1. Use to identify the code assigned by each inspection agency to an inspector.</del></p> <p><del>2. DLMS enhancement; see introductory DLMS note 5a.</del></p>	No business case has been identified to DLMSO for use of “W5” Inspector Identification.	No Revision required
19	2/N1/280	<p>Revise Federal segment level note to read:</p> <p><i>Use to identify UIT information as needed.</i></p> <p>Add DLMS segment level note:  <b>DLMS enhancement. See introductory DLMS note 4.a.</b></p>	Administrative	Revision required to Federal note.
20	2/N101/280	<p>Revised DLMS note for qualifier “MF” and added qualifier “IAT” w/ DLMS note:</p> <p><b>MF Manufacture of Goods</b>  <u>DLMS Note:</u>  <i>Use to identify the manufacturer of the identified item.</i></p> <p><b>IAT Party Executing and Verifying</b>  <u>DLMS Note:</u>  <i>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.</i></p>	Clarifies use of ‘MF’ as manufacturer of identified item, and adds the Enterprise Identifier for the item. Both are provided here for flexibility. There may be exception conditions where these will not be identical.	No revision required

Item #	Location	DS 527D Revision	Reason	Federal IC Impact
21	2/N103/280	<p><u>Added Data Element notes:</u></p> <p><u>Federal Note:</u> <b>Use any code.</b></p> <p><u>DLMS Note:</u> <b>1. For DLMS use, the following codes are authorized.</b></p> <p><b>2. The value of the UID Issuing Agency Code (IAC) may be derived from the qualifier used for the Enterprise Identifier.</b></p>	Provides information that the IAC can be derived from the enterprise identifier ANSI qualifier.	Revision required
22	2/N103/280	<p><u>Added qualifiers "8" and "41" w/ DLMS notes, and added DLMS note to qualifiers '1', '9', '10', and '33'</u></p> <p><b>1 D-U-N-S Number, Dun &amp; Bradstreet</b> <u>DLMS Note:</u> <b>Corresponds to IAC 'UN'.</b></p> <p><b>8 UCC/EAN Global Product Identification Prefix</b> <u>DLMS Note:</u> <b>Corresponds to IAC '0-9'.</b></p> <p><b>9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix</b></p> <p><b>10 Department of Defense Activity Address Code (DODAAC)</b> <u>DLMS Note:</u> <b>Corresponds to IAC 'LD'.</b></p> <p>33 Commercial and Government Entity (CAGE) <u>DLMS Note:</u> <b>Corresponds to IAC 'D'.</b></p> <p><b>41 Telecommunications Carrier Identification Code</b> <u>DLMS Note:</u> <b>Corresponds to IAC 'LB' (ANSI T1.220, Commercial Telecommunications Standards).</b></p>	Adds 2 new qualifiers. Adds DLMS notes to all qualifiers to address how the ANSI qualifiers, when used for the enterprise identifiers, correspond to the IAC.	Revision required
23	2/QTY/310	<p><u>Add DLMS segment level note 3.</u></p> <p><b>3. UIT/UID information cannot be provided for quantities stratified by the 2/QTY/310 loop.</b></p>	To document that UIT/UID information cannot be provided for stratified quantities under the 2/QTY/310 loop.	No revision required-

(2) Revise Federal IC and DS for 527R as follows (highlighted text shows administrative changes not identified in PDC 114). No comments were received to PDC 114.

Item #	Location	DS 527R Revision	Reason	Federal IC Impact
1	DLMS Introductory Notes	<p>Added new DLMS note 6 to read:</p> <p><b>6. This transaction may be used to provide Unique Item Identifier (UII) information. Refer to the Unique Identification UID web at URL: <a href="http://www.acq.osd.mil/dpap/UID/">http://www.acq.osd.mil/dpap/UID/</a> for DOD policy and business rules.</b></p>	To identify that UID data can be conveyed by this transaction, and to identify UID web URL	No revision required
2	DLMS Introductory Notes	<p>Added <b>ADC 149</b> title to list of DLMS Changes to DLMS note 7.</p> <p><b>- ADC 149, Inclusion of Data Supporting UID of Items in DLMS 527D Due-in, Advance Receipt, Due Verification and DLMS 527R Receipt, Inquiry, Response and MRA (Supply)</b></p>	Identifies DLMS Changes included in the DLMS Supplement	No revision required
3	2/N106/210	<p>Add Federal and DLMS notes as follows:</p> <p><b>Federal Note: Use any code.</b></p> <p><b>DLMS Note: For DLMS use, only the following codes are authorized.</b></p>	Administrative. DLMS Supplements authorize specific qualifiers.	Revision required adding Federal note
4	2/REF/250	<p>Revised REF Segment notes to read:</p> <p><b>Federal Note:</b> Use the 2/REF/250 loop to provide Unique Identification (UID) information <b>for the purpose of Unique Item Tracking (UIT).</b></p> <p><b>DLMS Notes:</b></p> <p>1. Must use the 2/REF/250 loop <b>in receipt and material receipt acknowledgement transactions</b> when the item identified in LIN03 of the 2/LIN/010 segment is subject to UIT requirements.</p> <p><b>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.</b></p> <p>3. When both UII or serial number and a batch/lot number are required for the item, enter UII or serial number in 2/REF/250 and enter the batch/lot number in 2/N9/270. When batch/lot number is required, but UII/serial number does not apply, enter the batch/lot number in 2/REF/250.</p> <p>4. The <b>entire 2/REF/250 loop is a DLMS enhancement. See introductory DLMS note 5a.</b></p>	Identifies the purpose of providing the Unique Identification (UID) information and explains use of batch/lot number in the 2/REF/250 loop.	Revision required

Item #	Location	DS 527R Revision	Reason	Federal IC Impact
5	2/REF01/250	<p><u>Revised DLMS note for qualifier "BT" and delete qualifier "LT":</u></p> <p><b>BT Batch Number</b></p> <p><i>1. Use to identify the batch, lot, or production run.</i></p> <p><i>2. Use 'BT' in 2/REF/250 when UII or serial number does not apply for the item. When UII or serial number is required in addition to batch/lot number, enter the UII or serial number in 2/REF/250 and enter the batch/lot number in 2/N9/270.</i></p> <p><u>Deleted qualifier "LT":</u></p> <p><del><b>LT Lot Number</b></del></p>	<p>1. Explains use of batch/lot number in 2/REF/250 loop.</p> <p>2. "BT" and "LT" Qualifiers have been combined. Batch/lot are one field in DOD AIT standards. This change eliminates a disconnect between AIT use of batch/lot as one field, and DLMS portrayal of the data as two separate data fields.</p>	No revision required
6	2/REF/01/250	<p><u>Revised DLMS note for qualifier "SE" to read:</u></p> <p><b>SE Serial Number</b></p> <p><i>1. Use to identify the serial number (when code U3 is not used). Use this qualifier for unique item tracking based upon the serial number.</i></p> <p><i>2. DLMS enhancement. See introductory DLMS note 4a.</i></p>	Identifies the purpose of serial number during Unique Item Tracking (UIT)	No revision required
7	2/REF01/250	<p><u>Add qualifier "U3" w/ the following DLMS note:</u></p> <p><b>U3 Unique Supplier Identification Number</b></p> <p><i>1. Use to identify the UII. Place UII value in REF03. An ANSI data maintenance request has been prepared to request a new code qualifier for Unique Item Identifier for future use.</i></p> <p><i>2. DLMS enhancement. See introductory DLMS note 4a.</i></p>	Identifies the Unique Item Identifier (UII) and cites placement for UII value.	No revision required
8	2/REF02/250	<p><u>Modified Data Element from "Must Use" to "Used" and added the following DLMS note:</u></p> <p><u>DLMS Note:</u></p> <p><i>Use to indicate serial number when REF01=SE.</i></p>	Identifies the location of the serial number when used.	Revision required

Item #	Location	DS 527R Revision	Reason	Federal IC Impact
9	2/REF03/250	<p>Opened REF03 and added the following DLMS note:</p> <p><u>DLMS Note:</u>  <b>Use to indicate UII value when REF01=U3.</b></p>	<p>Identifies the location of the UII value when used.  Per DOD policy, the DOD UID can be up to 78 characters.  To allow for the longer length, the UII value is mapped to the REF03 ANSI text field (vice the shorter REF02 reference number field).</p>	Revision required
10	2/G62/260	<p>Revised Federal Segment note to read:</p> <p><u>Federal Note:</u>  <b>Use to identify dates related to data represented in 2/REF/250.</b></p>	Administrative	Revision required
11	2/G6201/260	<p>Add Federal and DLMS notes as follows:</p> <p><b>Federal Note: Use any code.</b></p> <p><b>DLMS Note: For DLMS use, only the following codes are authorized.</b></p>	<p>Administrative.  DLMS Supplements authorize specific qualifiers.</p>	Revision required adding Federal note.

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12	2/N901/270	<p>Revised Data Element DLMS note 1 and added the following qualifiers w/ DLMS notes:</p> <p><u>DLMS Note:</u> 1. The <b>following codes are used to identify the characteristics not defined in the 2/REF/250 segment.</b></p> <p><b>PM Part Number</b> <u>DLMS Note:</u> <b>Use to identify the part number of the item identified by UII or serial number. Use to identify the original part number when associated with a UII. When this differs from the current part number use N901 to identify the new part number. AN ANSI data maintenance request has been prepared to request a new code qualifier for Original Part Number for future use.</b></p> <p><b>T0 Dealer Type Identification</b> <u>DLMS Note:</u> <b>Use to identify the UII type per UID guidance e.g., VIN, UID1, UID2, etc.</b></p> <p><b>QW New Part Number</b> <u>DLMS Note:</u> <b>Use to indicate the current part number when different from the original part number identified in REF04.</b></p>	Provides capability for conveying additional UID information.	No revision required
13	2/N901/270	<p>Revised DLMS notes for qualifiers "BT" and "SE"</p> <p><b>BT Batch Number</b> <u>DLMS Note:</u> <b>Use to identify the batch, lot, or production run when UII or serial number is identified in 2/REF/250.</b></p> <p><b>SE Serial Number</b> <u>DLMS Note:</u> <b>Use to identify the serial number (when code U3 is used in REF01).</b></p>	Batch and lot numbers have been combined. Batch/lot are one field in DOD AIT standards. This change eliminates a disconnect between AIT use of batch/lot as one field, and DLMS portrayal of the data as two separate data fields.	No revision required
14	2/N901/270	<p><u>Deleted the following qualifier:</u></p> <p><del><b>LT Number</b></del></p>	Batch and Lot Number have been combined. See 'BT' above.	No Revision required



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15	2/N901/270	<p>Deleted the following qualifier and DLMS notes:</p> <p><del><b>W5 — Inspector Identification Number</b></del></p> <p><u>DLMS notes:</u></p> <p><del>1. Use to identify the code assigned by each inspection agency to an inspector.</del></p> <p><del>2. DLMS enhancement; see introductory DLMS note 5a.</del></p>	No business case has been identified to DLMSO for use of “W5” Inspector Identification.	No revision required
16	2/N1/280	<p>Revise Federal segment level note to read:</p> <p><b>Use to identify UIT information as needed.</b></p> <p>Add DLMS segment level note:</p> <p><b>DLMS enhancement. See introductory DLMS note 5.a.</b></p>	Administrative	Revision required to Federal note
17	2/N101/280	<p>Added DLMS note for qualifier “MF” and added qualifier “IAT” w/DLMS note:</p> <p><b>MF Manufacture of Goods</b></p> <p><u>DLMS Note:</u></p> <p><b>Use to identify the manufacturer of the identified item.</b></p> <p><b>IAT Party Executing and Verifying</b></p> <p><u>DLMS Note:</u></p> <p><b>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.</b></p>	Clarifies use of ‘MF’ as manufacturer of identified item, and adds the Enterprise Identifier for the item. Both are provided here for flexibility. There may be exception conditions where these will not be identical.	No revision required
18	2/N103/280	<p>Added Data Element notes:</p> <p><u>Federal Note:</u></p> <p><b>Use any code.</b></p> <p><u>DLMS Note:</u></p> <p><b>1. For DLMS use, the following codes are authorized.</b></p> <p><b>2. The value of the UID Issuing Agency Code (IAC) may be derived from the qualifier used for the Enterprise Identifier.</b></p>	Provides information that the IAC can be derived from the enterprise identifier ANSI qualifier.	Revision required

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19	2/N103/280	<p>Added the qualifiers '1', '8', '9', '10', and '41' with <u>DLMS notes</u>, and added DLMS note to qualifier "33"</p> <p><b>1 D-U-N-S Number, Dun &amp; Bradstreet</b>  <u>DLMS Note:</u>  <b>Corresponds to IAC 'UN'.</b></p> <p><b>8 UCC/EAN Global Product Identification Prefix</b>  <u>DLMS Note:</u>  <b>Corresponds to IAC '0-9'.</b></p> <p><b>9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix</b></p> <p><b>10 Department of Defense Activity Address Code (DODAAC)</b>  <u>DLMS Note:</u>  <b>Corresponds to IAC 'LD'.</b></p> <p>33 Commercial and Government Entity (CAGE)  <u>DLMS Note:</u>  <b>Corresponds to IAC 'D'.</b></p> <p><b>41 Telecommunications Carrier Identification Code</b>  <u>DLMS Note:</u>  <b>Corresponds to IAC 'LB' (ANSI T1.220, Commercial Telecommunications Standards).</b></p>	<p>Adds new qualifiers that can be used, and adds DLMS notes to all qualifiers to address how the ANSI qualifiers, when used for the enterprise identifier, correspond to the IAC.</p>	<p>No revision required</p>