



DEFENSE LOGISTICS AGENCY
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IN REPLY
REFER TO DLMSO

SEP 22 2005

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE MEMBERS

SUBJECT: Approved DLMS Change (ADC) 172, New Unique Item Tracking (UIT) Designator Code, and Inclusion of UID and RFID Indicators in DLMS Supplement (DS) 527D Advance Receipt Information (Supply/UID/RFID) (Staffed by PDC 149)

The attached change to DOD 4000.25-M, Defense Logistics Management System (DLMS), is approved for implementation. The use of the passive radio frequency identification (RFID) and unique identification (UID) indicators in DS 527D can be implemented on a staggered basis between the Component materiel management functions responsible for generating DS 527D ARI transactions, and the Defense Logistics Agency's Distribution Standard System (DSS) which receives the DS 527D ARI. In response to the request for implementation date, DLA DSS reported they estimate implementation of the DS 527D indicators in January 2007. **Accordingly, the initial implementation date for the ADC 172 DS 527D UID and passive RFID indicators is January 2007.** Implementation can occur, beginning in January 2007, on a staggered basis by each Service and DLA's Business System Modernization (BSM). The Services and DLA (for BSM) should identify their implementation dates to the Defense Logistics Management Standards Office (DLMSO) as they become available. It is to the DOD's advantage for the Services and DLA to implement this change to provide a systematic means to identify to the DSS, that materiel due-in has a contractual requirement for UID and/or passive RFID.

The updated DLMS Supplement will be posted to the 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.

Addressee may direct questions to the DLMSO points of contact: Ms. Mary Jane Johnson, email: Mary.Jane.Johnson@dlm.mil or Ms. Ellen Hilert, email: Ellen.Hilert@dlm.mil. Others must contact their Component designated Supply Process Review Committee representative.


EDUARDO VICENCIO
Lt Col, USAF
Acting Director
Defense Logistics Management
Standards Office

Attachment

cc:

ADUSD(L)SCI

UID PROGRAM OFFICE

UNIQUE ITEM TRACKING COMMITTEE (UITC)

JOINT SMALL ARMS COORDINATING GROUP (JSACG)

JOINT PHYSICAL INVENTORY WORKING GROUP (JPIWG)

**ATTACHMENT TO ADC 172,
New Unique Item Tracking (UIT) Designator Code and Inclusion of UID and RFID
Indicators in DS 527D Advance Receipt Information (Supply/UID/RFID/SDR)**

1. ORIGINATOR:

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

b. Originator: Ms. Mary Jane Johnson, MILSTRAP Administrator and UITC Chair, DLMSO (J-6251), DSN 427-0677, commercial (703) 767-0677, e-mail: Mary.Jane.Johnson@dla.mil and Ellen Hilert, Supply Process Review Committee Chair, DLMSO (J-6251), 703-767-0676 (DSN 427), e-mail: ellen.hilert@dla.mil

2. FUNCTIONAL AREA: Supply (UID/RFID/SDR)

3. REQUESTED CHANGE:

a. Title: New Unique Item Tracking (UIT) Designator Code and Inclusion of UID and RFID Indicators in DLMS Supplement (DS) 527D Advance Receipt Information (Supply/UID/RFID/SDR)

b. Description of Change:

(1) ADC 172 establishes two indicators for use in the DS 527D, Advance Receipt Information (ARI) transaction (formerly Prepositioned Materiel Receipt (PMR) transactions in MILSTRAP), in support of UID and RFID policy. The intent is to provide an automated mechanism for the ICP to notify the receiving activity in advance that there is a contractual requirement for UID or passive RFID. Under the DLMS, the ARI is mandatory. The 2 new 527D indicators are as follows:

(a) A new "UID Requirement Indicator" to specify that the contract requires unique identification (UID) of items IAW UID policy.

(b) A new "Passive RFID Requirement Indicator" to specify that the contract requires use of passive radio frequency identification (RFID) for shipment IAW RFID policy.

(2) In addition, this change assigns a new value for the cataloging (Federal Logistics Information Services (FLIS)) UITDC to identify catalogued items requiring UID under DOD policy or by direction of the program manager, **but which are not subject to a DOD UIT program.**

c. Request for Implementation Date. By DLMSO memorandum, August 18, 2005, subject: Request for Implementation Date (RFID) for Approved DLMS Change (ADC) 172, New Unique Item Tracking (UIT) Designator Code, and Inclusion of UID and RFID Indicators in DLMS Supplement (DS) 527D Advance Receipt Information (Supply/UID/

RFID), Components were asked to provide their earliest implementation dates for the DS 527D ARI transaction UID and passive RFID indicators. The following responses were received:

Organization	Response to the Request for Implementation Date
DLA Distribution Standard System (DSS) Mr. George Gray DLA J-3731	The DSS estimated implementation date for ADC 172 - to have the new RFID indicator and the UID indicator on the DLMS transaction, and recognize these indicators on the DLMS due-in is January 2007.
DLA Business System Modernization (BSM) Mr. Hellion Flowers DLA J-3321	BSM does not have an implementation date. This ADC is going to require a Cross Process Systems Change Request that will have to be evaluated in Pos R2.2 which won't start until January 2006 and not be released until end of December 2006. At best if the SCR gets accepted by all process areas (it crosses TQ and PR along with OF) and has to be accepted by all Process Owners. It looks like at best, 2007 if all goes well. I am submitting the requirement today and will have a better answer when the DLA Partners group (Deputy Commanders and DLA) meets to discuss all the BSM SCRs for Release 2.2X. I will let you know as soon as I get more information. BSM implementation date response still due to DLMSO.
Army	No response to date. Army response still due to DLMSO.
Navy Mr. Edward Poling NAVICP M0581	N-ERP is the solution to incorporate this change. UICP/U2 as legacy systems are in brown out and will not be making changes at this point in time. N-ERP implementation date response still due to DLMSO.
Air Force	No response to date. Air Force response still due to DLMSO.
Marine Corps	No response to date. Marine Corps response still due to DLMSO.

d. Procedures:

(1) Unique Item Tracking Designator Code (UITDC):

(a) As an interim step, the UITDC had initially been made available in CD-ROM format and web-FLIS. However the ultimate UIT Committee goal was to have the UITDC available from the standard FEDLOG catalog system. To that end, and in response to an August 11, 2005, conversation between Mr. Dave Osburn, Defense Logistics Information Services (DLIS), and Ms. Mary Jane Johnson, UIT Committee Chair, DLMSO sent the DLIS Director a memorandum (see enclosure) on behalf of the DOD UIT Committee, asking that the UITDC be incorporated in the standard FEDLOG cataloging record, to initiate the process. DLMSO first coordinated the memorandum with the UIT Committee by e-mail.

(b) Upon release of ADC 172, the UIT Committee Chair will submit a revision to DLIS to add the new UITDC 'UID' for use with National Item

Identification Numbers (NIIN) which fall under UID policy criteria (i.e. they require UID marking), but which are not part of established DOD unique item tracking (UIT) programs. By definition all assets tracked in DOD UIT programs are subject to UID, however, all items subject to UID are not part of DOD UIT programs. The UIT Committee chair will request a UITDC revision to add a code for UID as shown below (changes are identified by ***bold italicized text***):

FLIS CODE NAME: UIT Designator	
FORMAT: 3 position alphanumeric code	
PURPOSE: Used to indicate that an item requires DOD level unique item tracking (UIT) and to identify a DOD UIT program associated with the UIT requirement. <i>Also used to identify items which fall under the DOD Unique Identification (UID) criteria but which are not subject to a DOD UIT program. All UID items subject to a DOD UIT program will be identified by a UITDC other than 'UID'.</i>	
AAA	DOD Small Arms Serialization Program (DODSASP)
AAB	Security Risk Category I Non-Nuclear missiles and Rockets
AAC	Radiation Testing and Tracking System (RATTS) Program
AAD	Navy Depot Level Repairables (NDLR) Program
AAE	The Army Maintenance Management System (TAMMS) Equipment Data Base (TEDB)
AAF	Aviation Component Tracking Program
AAG	Tritium Unique Item Tracking Program
AAH	Controlled Cryptographic Items (CCI)
<i>UID</i>	<i>Assets which meet DOD UID criteria for UID marking, but which are not subject to DOD UIT program/tracking requirements.¹</i>

¹ See <http://www.acq.osd.mil/dpap/UID/> for UID policy and criteria for assigning UID to materiel.

(2) **DS 527D UID and Passive RFID Indicators.** Add an indicator to DS 527D, Due-in/Advance Receipt/Due Verification to provide the storage activity with advance receipt information (ARI) identifying whether the contract requires that the item due in is subject to UID and/or RFID requirements as follows:

Item #	Location	DS 527D Revision	Reason	Federal IC Impact
1.	DLMS Introductory Notes	<p><u>Change PDC 149 to ADC 172 in DLMS Introductory note 6:</u></p> <p>-- ADC 172, <i>New Unique Item Tracking (UIT) Designator Code and Inclusion of UID and RFID Indicators in DLMS Supplement (DS) 527D Advance Receipt Information (Supply/UID/RFID/SDR)</i></p>	To identify DLMS changes included in the DS.	No impact.
2.	2/CS17/140	<p><u>Open CS17, data element 1073, Yes/No Condition or Response Code</u></p> <p>DLMS Note: <i>Enter 'Y' to indicate that the contract requires use of passive radio frequency identification (RFID) for shipment IAW RFID policy. Enter 'N' if contract does not require passive RFID for the item. See http://www.acq.osd.mil/log/rfid/index.htm for RFID policy.</i></p>	To indicate whether shipment is subject to passive RFID requirements under the contract.	Revision required.
3.	2/CS18/140	<p><u>Open CS18, data element 1073, Yes/No Condition or Response Code</u></p> <p>DLMS Note: <i>Enter 'Y' to indicate that the contract requires unique identification (UID) for the item identified in 2/LIN/010 IAW UID policy. Enter 'N' if contract does not require UID for the item. See http://www.acq.osd.mil/dpap/UID/ for UID policy.</i></p>	To indicate whether item is subject to UID requirements under the contract.	Revision Required.

(3) **DLMS Manual Revision.** The following procedures provide guidance for use of the new 527D ARI UID and RFID indicators approved by this change. Revise DOD 4000.25-M (DLMS), Volume 2 (Supply), Chapter 12, Due-In and Advance Receipt Information, section C12.3, as follows (change identified by ***bold italicized red text***):

“C12.3. PROVIDING THE STORAGE ACTIVITY WITH ADVANCED RECEIPT INFORMATION (ARI)

C12.3.1. **Due-In Information Requirements.** IMM shall provide storage activities with due-in information for scheduled material receipts by providing them with DS 527D ***ARI transactions.*** For dues-in from procurement instrument sources, IMM shall include applicable contract information and packaging data, allowed by the convention, to facilitate the receiving process and reduce need for hard copy contracts at the receiving activity. ***As part of the contract information, the IMM shall include indicators identifying whether the contract requires use of UID or passive RFID.***

C12.3.2. **Storage Activity Requirements.** Storage activities receiving DS 527D shall keep them in an ARI file pending receipt of the material or the receipt of updates to the ARI from the IMM. ***Storage activities may use the ARI contract information and packaging data to facilitate the receiving process.***

C12.3.2.1 Passive RFID. ARI notice that a shipment contractually requires passive RFID will allow preplanning so that the incoming shipment may be directed for offloading at the RFID reader location and provides a basis for submission of a Supply Discrepancy Report (SDR) in accordance with SDR procedures should the vendor fail to employ the required RFID.

C12.3.2.2 UID. ARI notice that a shipment contractually requires UID provides a basis for submission of SDR in accordance with SDR procedures, should the vendor fail to employ the required UID.

4. REASON FOR CHANGE:

a. The July 29, 2003, OUSD AT&L memorandum, subject: Policy for Unique Identification of Tangible Items - New Equipment, Major Modifications, and Reprocurments of Equipment and Spares, established the following criteria for items requiring unique identification: “(1) the acquisition cost is \$5,000 or more, (2) it is either a serially managed, mission essential or controlled inventory piece of equipment or a repairable item, or a consumable item or material where permanent identification is required, (3) it is a component of a delivered item, if the program manager has determined that unique identification is required, or (4) a UID, or DOD-recognized UID equivalent is available”.

b. This change proposes a means to identify National Item Identification Numbers (NIINs) subject to UID criteria by exploiting an existing FLIS code, the UITDC, which identifies NIINs subject to UIT requirements.

c. This change provides a transactional method to provide the receiving wholesale storage activity with information that an item due-in has a contractual requirement for RFID to facilitate the receiving process. Advance notice that the shipment requires RFID will allow preplanning so that the incoming shipment may be directed for offloading at the RFID reader location. Knowledge of the RFID requirement derived from the ARI provides a basis for submission of a Supply Discrepancy Report (SDR) should the vendor fail to employ the required RFID.

d. This change also provides a transactional method to provide the receiving wholesale storage activity with information that an item due-in has a contractual requirement for UID to facilitate the receiving process. DLMS, Volume 2 (Supply), Chapter 17, Supply Discrepancy Reporting (and corresponding DLAI 4140.55/AR 735-11-2/SECNAVINST 4355.18A/AFJMAN 23-215, Reporting of Supply Discrepancies) as updated by ADC 128, requires reporting of discrepancies involving unique item identification under UIT program requirements or as contractually required under UID program policy. Knowledge of this requirement derived from the ARI provides a basis for submission of a SDR should the vendor fail to provide the required UID.

5. UNIQUE ITEM TRACKING DESIGNATOR CODE (UITDC) BACKGROUND:

a. DOD 4140.1-R establishes the policy for DOD UIT and charters the UIT Committee (UITC) with responsibility for recommending improvements in UIT program concepts and technology. One such UITC recommendation was the establishment of a FLIS UIT designator code (UITDC) to provide a standard DOD means to systematically identify that an item is subject to UIT. The establishment of this code eliminated a void, and can facilitate DOD's ability to develop efficient UIT processes using automated processes.

b. The UITDC is assigned to NIINs which are UIT reportable, and identifies a DOD UIT program associated with the NIIN. The UITC, through the UITC chair, is the designated point of contact for submitting revisions to the UIT Designator Code list. The Integrated Materiel Manager (IMM) for a NIIN is responsible for assigning the code to a given NIIN based on direction from the Component UITC Central Point of Contact (POC) and IAW Component cataloging update procedures. Initially the UITDC was made available on CD-ROM and web-FLIS, with the ultimate UITC goal of becoming part of the standard FEDLOG cataloging record.

6. ADVANTAGES AND ISSUES:

a. **Advantages:** This proposed change exploits an existing cataloging code to provide a means to identify NIINs which fall within the DoD UID criteria. This change also provides a transactional means for the item manager to identify in the 527D Advance Receipt Information transactions, that an item due-in has a contractual requirement for UID and/or passive RFID. This information can be used by the receiving wholesale storage activity to facilitate the receiving process.

b. Issues:

(1) The UIT Designator was not intended for materiel which has significant fluctuation as to its applicability. Accordingly, if NIINs identified as a UID item, are not consistently UID items across the entire NIIN, such as if a given NIIN is considered essential and requiring UID by one Program office, but not by another program office, meaning not all of the assets for the given NIIN are subject to UID, this may not be an appropriate means to identify UID items and other alternatives should be considered/developed. **By PDC 149, the Components were asked to evaluate the use of the UITDC for UID items in this context before approval of the new UITDC for UID. No negative comments were received.**

(2) Business rules for system/functional use of UITDC 'UID' have not been identified at this time.

(3) Both the UID Requirement Indicator and the UITDC provide a means to identify UID assets. There is an element of redundancy in the establishment of both, and this requirement may be re-evaluated at a future date. Currently, in this early stage of implementation it is appropriate. Not all UID items will be identified by cataloguing action and not all items which fit the UID profile are shipped under contracts which require use of UID. The source for the UID Requirement indicator, which the owner/manager would include on the 527D ARI transaction would be procurement, not cataloging and would serve as an immediate tool for receiving.

(4) Evolving UID Logistics Policy: As UID logistics policy requirements evolve, the concept for the UITDC 'UID' may shift. Initially, the concept is to provide a cataloging means to identify NIINs that meet the UID criteria, but which are NOT subject to a UIT program. UITDCs other than 'UID' represent UIT programs which have a tracking requirement established by either OSD (e.g., small arms) or the Services (e.g., Navy Depot Level Repairables). There is presently no logistics policy requirement for tracking UID items, not subject to UIT programs.

7. IMPACT/INTERFACE:

a. Data Content/Procedures/Automated Information Systems (AIS):

(1) **NEW UITDC:**

(a) DOD Components may need to revise Component procedures/AIS to access and recognize the new FLIS UITDC code and provide for unique processing, as the presence of UITDC "UID" would mean the item is NOT subject to UIT requirements.

(b) **The existing Component mechanism for IMM assignment of FLIS codes to NIINs must address assignment of the new UITDC.** A designated UIT point of contact is responsible for advising an IMM that a NIIN related to a UIT program requires assignment of a UITDC. Since items to be assigned the new UITDC 'UID' are not, by definition, subject to a UIT program, the assignment of UITDC "UID" would

NOT fall under that same UIT umbrella of responsibility. Accordingly, Components must identify how the IMM is notified to assign UITDC 'UID' to a NIIN. **Components must identify who is responsible for advising the IMM when the UITDC 'UID' is applicable to a NIIN. PDC 149 recommended Components coordinate this issue with both Component materiel management functional area and the Component UID POC. No negative comments were received, or concerns identified, during PDC 149 staffing.**

(2) **NEW 527D UID/RFID INDICATORS:**

(a) Storage activities which receive 527D Advance Receipt Information transactions may need to revise procedures and/or AIS to recognize and use the new 527D UID/RFID indicator.

(b) Activities generating DS 527D Advance Receipt Information transactions should establish the necessary interface with contracting to enable inclusion of the new indicators indicating that the contract requires UID and/or passive RFID for the item.

b. Interface:

(1) Component UID proponents and affected functional areas responsible for identifying materiel which falls under DOD UID policy requirements, and advising the IMM to assign the new UITDC for UID.

(2) Wholesale and below wholesale logistics system modernization offices.

(3) Materiel management functional area responsible for systematic creation of 527D Advance Receipt Information (ARI) transactions, to assure that the necessary contracting interface is in place to indicate that an item is subject to the contractual requirement for UID or RFID, and for inclusion of that information as a UID or RFID indicator in the 527D ARI transaction.

(4) Interface with Component and DLIS cataloging function

c. Publications: DOD 4000.25-M (DLMS); DOD 4000.39-M (FLIS), DOD 4140.1-R (which provides UID and UIT logistics policy); and applicable Service/Agency publications.

Enclosure

September 7, 2005

DLMSO

MEMORANDUM FOR DIRECTORATE OF LOGISTICS INFORMATION MANAGEMENT
ATTN: DLIS-S (Ms. Linda Marvin)

SUBJECT: Request to Add the Unique Item Tracking Designator Code (UITDC) to the
Federal Logistics Information System (FLIS)

The Unique Item Tracking (UIT) Designator is a code which was developed by the DoD Unique Item Tracking Committee in conjunction with the Defense Logistics Information Service (DLIS) to provide DoD Components a means to systematically identify that an item is subject to a DoD Unique Item Tracking program. Presently the UITDC is available to the Components on a compact disc-read only memory (CD-ROM) and on the web-based WEBFLIS. However the ultimate goal of the Unique Item Tracking Committee has been to have the UITDC available in the standard FLIS cataloging record for systematic access and for update by standard systematic transactional exchange.

Request DLIS initiate the necessary action to include the UITDC in the standard FLIS cataloging record. Inclusion of the UITDC in FLIS will support the policy requirement published in DoD 4140.1-R, DoD Supply Chain Materiel Management Regulation, May 2003, chapter 5, section C5.7.3.2.9.2.4 directing that DOD Components shall "Submit to the DLIS information necessary to record UIT program stock numbers and UIT designators for items in a UIT program." Further, increased assignment and use of the UITDC is likely with the recent proposal for a new UITDC to identify National Stock Numbers which fall under the DOD criteria for unique identification (UID).

The Defense Logistics Management Standards Office submits this request on behalf of the DoD Unique Item Tracking Committee. The point of contact for this request is Ms. Mary Jane Johnson, Chair, Unique Item Tracking Committee, DSN 427-0677, commercial phone (703) 767-0677, email: Mary.Jane.Johnson@dla.mil.

//S//

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Lt Col, USAF
Acting Director
Defense Logistics Management
Standards Office

Attachment

cc:

ADUSD(L)SCI
DOD Unique Item Tracking Committee
DOD UID Program Office
DLIS-D/DD (ATTN: Mr. Rick Maison)
DLIS-X (ATTN: Ms. Deborah Greger)
DLMS Supply Process Review Committee

ADC 172
Enclosure

FLIS CODE NAME: UIT Designator

FORMAT: 3 position alphanumeric code

PURPOSE: Used to indicate that an item requires DoD level unique item tracking (UIT) and to identify a DoD UIT program associated with the UIT requirement.

AAA	DoD Small Arms Serialization Program (DoDSASP)
AAB	Security Risk Category I Non-Nuclear missiles and Rockets
AAC	Radiation Testing and Tracking System (RATTS) Program
AAD	Navy Depot Level Repairables (NDLR) Program
AAE	The Army Maintenance Management System (TAMMS) Equipment Data Base (TEDB)
AAF	Aviation Component Tracking Program
AAG	Tritium Unique Item Tracking Program
AAH	Controlled Cryptographic Items (CCI)

DoD UIT Committee to assign other codes as DoD UIT programs are identified.