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IN REPLY  
REFER TO DLMSO

SEP 20 2004

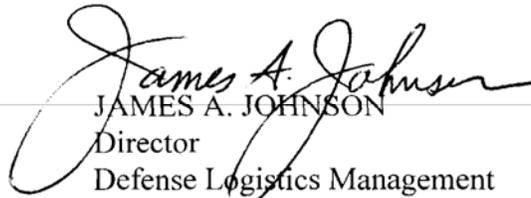
MEMORANDUM FOR: SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Proposed DLMS Change 120A, Revision to DLMS Supplement 846R Location Reconciliation Request to Support Commodity-Unique (Mapping Product) Data and to Support MILSTRAP DZN/DZP functionality

We are forwarding the attached proposed change to DoD 4000.25-M, Defense Logistics Management System (DLMS), for evaluation and submission of a single coordinated Component position. The interface requirement relating to this proposed change is shown to assist in your internal coordination. However, omission of such a requirement does not relieve you of the responsibility to assure full coordination of the proposal within your Component.

Request you review the attached proposed revision and provide your comments/concurrence to DLMSO not later than **21** days from the date of this memorandum. Nonresponse by that time will be considered concurrence with the change. This change supports (1) Defense Logistics Agency (DLA) Distribution Standard System (DSS) to Defense Logistics Management System (DLMS) business rules and transactional interface by documenting DLA legacy system functionality for mapping products; and (2) DLMS implementation of MILSTRAP functionality for Document Identifier Codes DZN, Location Reconciliation Notification, and DZP, Location Reconciliation History Notification. If nonconcurrence is provided, please provide an alternate method to meet the requirement being addressed.

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. Others must contact their Component designated representative.

  
JAMES A. JOHNSON  
Director  
Defense Logistics Management  
Standards Office

Attachment

cc:  
ADUSD(L)SCI  
JPIWG  
LMI

**Attachment to Proposed DLMS Change 120A**  
**Revision to DLMS Supplement 846R Location Reconciliation Request to Support**  
**Commodity-Unique (Mapping Product) Data and to Support MILSTRAP DZN/DZP functionality.**

**1. ORIGINATOR:**

a. **Service/Agency:** Defense Logistics Agency (J-3731) and DLMSO

b. **Points of Contact:**

(1) For Commodity Unique (Mapping Product) Requirements: Ms. Mary Day, HQ DLA, Distribution and Reutilization Policy, Distribution Management Division, Materiel Accountability and Distribution Policy Branch (J-3731), DSN 427-2535, commercial telephone number 703-767-2535, e-mail Mary.Day@dla.mil.

(2) For MILSTRAP DI Code DZP/DZN functionality: Ms. Mary Jane Johnson, DLMSO, 703-767-0677, DSN 427-0677, Email: Mary.Jane.Johnson@dla.mil.

**2. FUNCTIONAL AREA:** Supply

**3. REQUESTED CHANGE:**

a. **Title:** Revision to DLMS Supplement (DS) 846R Location Reconciliation Request to Support Commodity-Unique (Mapping Product) Data and to Support MILSTRAP DZN/DZP functionality.

b. **Description of Change:** This purpose of this PDC 120, May 24, 2004, was to modify the DS for the 846R Location Reconciliation Request: (1) to accommodate data requirements for commodity unique (mapping products) data ; (2) to accommodate the functionality of MILSTRAP Document Identifier Codes DZN, Location Reconciliation Notification, and DZP, Location Reconciliation History Notification, which were not previously incorporated into DLMS; and (3) administrative updates to include incorporating changes approved by Approved DLMS Change (ADC) 45 (July 5, 2001), Use of Both Ownership Code and Purpose Code in DLMS for Ammunition, and ADC 77 (August 26, 2002), Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC).

(1) Documents showing data mapping from MILSTRAP DI Codes DZN and DZP to DS 846R are at the enclosure.

**(2) PDC 120A revises PDC 120, May 24, 2004, to:**

(a) move the placement of the map "edition number" from 2/LIN/010 to 2/REF01/140 using qualifier Z1-Reference Version Number. **RATIONALE:** for consistency with data placement of the edition number developed under ADC 71A, September 2004, DLMS Mapping for Materiel Release Order (MRO)/Disposal Release Order (DRO) Exception Data Transaction. See row 12 of the DS 846R change table below for specifics.

**(b)** The DoD location reconciliation process provides for two “types” of location reconciliation: “end of day processing” and “annual location reconciliation”. This functionality applies to all three DS 846R 1/BIA02/020 transaction types: Location reconciliation request; location reconciliation notification; and location reconciliation history notification (2/BIA02/020 codes LC, X4, and ZZ respectively). Currently the “type” of location reconciliation is carried in the DS 846R at 2/LQ01/270. This revision proposes moving that functionality to the beginning segment as a 1/BIA06/020 action code. **RATIONALE:** The information was carried as a code list in MILSTRAP due to the constraints of the 80 record position transactions. The beginning segment appears to be a more efficient way to convey the information in DLMS, and DLMS should not be constrained by the MILSTRAP use of a code list. See rows 7 and 16 of the DS 846R change table below for specifics.

**(2) Per PDC 120, Background for incorporation of commodity unique (mapping products) requirements:** In April, 1998, DLA assumed responsibility for worldwide inventory management, cataloging, and physical distribution of more than 67,000 hard copy map products (i.e., maps, charts and other geodetic materiel) produced by National Geospatial-Intelligence Agency (formerly National Imagery and Mapping Agency), as well as those produced by other U.S. government agencies and foreign countries. Existing inventory was moved to the new primary distribution facility, Defense Distribution Mapping Activity (DDMA), Richmond, VA, and Defense Supply Center Richmond (Product Center 9), VA assumed Inventory Control Point (ICP) responsibilities. DDMA uses DLA’s Distribution Standard System (DSS) to perform distribution processes. DSCR Product Center 9 uses another DLA legacy system, Defense Mapping Agency Automated Distribution Management System (DADMS), to perform ICP processes. DSS communicates with DADMS through a DLA-controlled FTP translator. DSS Location Reconciliation Requests (DI Code DZH) were modified to include 3 additional DADMS data elements (edition number, edition date, and product effective date) not accommodated by the Defense Logistics Standard System. The purpose of this proposed change is to modify Defense Logistics Management System (DLMS) Supplement 846R, Location Reconciliation Request, to accommodate these commodity-unique data. These changes are required to ensure that DSS interface with DADMS is uninterrupted as DSS migrates to the Defense Logistics Management System (DLMS), as well as to document commodity-unique business rules.

[Staffing Note: DLA senior executives decided June 6, 2003, that DADMS was not within the scope of current Business Systems Modernization (BSM) efforts to replace DLA’s Standard Automated Materiel Management System (SAMMS). Incorporation of DADMS functionality into BSM will not be addressed until sometime after 2007.]

**c. Procedures:** Add the following codes/notes to the 846R Location Reconciliation Request, DLMS Supplement. **Data requirements submitted by DLA to support Commodity unique mapping requirements are at rows # 12 and #13 in the Table below.** All other changes are related either to DZP/DZN requirements, ADCs 45 and 77; or are administrative changes for consistency with other DLMS Supplements. **PDC 120A changes from PDC 120 are identified by yellow highlight and can be found at rows 7, 12, and 16.**

#	Location	DS 846R Revision	Reason	Federal IC
1.	Federal Introductory Notes	<i>1. Distribution depots and storage activities use this transaction set to transmit location reconciliation <del>request</del> transactions to owners and managers.</i>	Transaction is no longer limited to requests.	Revision Required

#	Location	DS 846R Revision	Reason	Federal IC
2.	DLMS Introductory Notes	Revise DLMS note 1 to read as follows:  1. <i>Distribution depots and storage activities use a single occurrence of this transaction set to transmit either location reconciliation request, location reconciliation notification, or location reconciliation history notification transactions to one owner/manager.</i>	To identify expanded capability.	No update Required
3.	DLMS Introductory Notes	This DLMS Supplement incorporates the Proposed DLMS Change and Approved DLMS Change (ADC) listed. PDC/ADCs are available from the DLMSO website: <a href="http://www.dla.mil/j-6/dlmsso/changes">http://www.dla.mil/j-6/dlmsso/changes</a>  <b>PDC 120A</b> , Revision to DLMS Supplement 846R Location Reconciliation Request to Support Commodity-Unique (Mapping Product) Data and to Support MILSTRAP DZN/DZP functionality.  - ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition  - ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)	Identifies DLMS Changes included in DLMS Supplement.	No impact.
4.	1/BIA02/020	<u>Add code to BIA 02</u>  Add code ZZ- Mutually Defined and DLMS Note: <i>“Use to identify Location Reconciliation History Notification transaction. Storage activity sends to owner/manager to advise of the number of transaction history transactions being forwarded. (MILSTRAP DI Code DZP). An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.”</i>	Identifies Location Reconciliation History Notification transaction.	Revision required.
5.	1/BIA02/020	<u>Add code to BIA 02</u>  Add code X4 - Summary Report and DLMS Note: <i>“Use to identify Location Reconciliation Notification transaction. Storage activity sends to owner/manager to advise of the number of Location Reconciliation Request transactions being forwarded. (MILSTRAP DI Code DZN)”.</i>	Identifies Location Reconciliation Notification transaction.	Revision required.
6.	1/BIA02/020	<u>Code LC- revise DLMS note as follows:</u>  <i>Use to identify location reconciliation request transactions (MILSTRAP DI Code DZH).</i>	Administrative change.	No impact.

#	Location	DS 846R Revision	Reason	Federal IC
7.	1/BIA06/020	<p><b><u>PDC 120A revision: Open BIA06 Action Code, for use with data element ID 306 qualifiers '24' and 'Z' as follows:</u></b></p> <p><b><i>Federal note: Use any code</i></b></p> <p><b><i>DLMS note:</i></b></p> <p><b><i>1. Use to identify the type of location reconciliation</i></b></p> <p><b><i>2. For DLMS, only the following codes are authorized.</i></b></p> <p><b>24 – On Hand</b></p> <p><b><i>DLMS note:</i></b></p> <p><b><i>1. Use to identify that the transaction identified in BIA02 is associated with annual location reconciliation.</i></b></p> <p><b><i>2. An ANSI data maintenance action taken to obtain a more appropriate code for use in a future version.</i></b></p> <p><b>Z – Mutually Defined</b></p> <p><b><i>DLMS notes:</i></b></p> <p><b><i>1.: Use to identify that the transaction identified in BIA02 is associated with end-of-day processing.</i></b></p> <p><b><i>2. An ANSI data maintenance action taken to obtain a more appropriate code for use in a future version.</i></b></p>	<p>To convey whether transaction is for annual or end of day location reconciliation in the beginning segment, rather than carry as a table 2 LQ01/270 code. The information was carried as a code list in DLSS due to the constraints of the 80 record position transactions. DLMS should not be constrained in a similar manner when there is a more efficient way to convey the information.</p>	Revision required.
8.	1/N101/080	<p><u>Change Federal note to the following:</u></p> <p>“Use any code.”</p>	DLMS Supplement authorizes specific qualifiers.	Revision required.
9.	1/LQ01/150	<p><u>Change Federal note to the following:</u></p> <p>“Use any code.”</p>	DLMS Supplement authorizes specific qualifiers.	Revision required.
10.	2/LIN02/010	<p><u>Change Federal note to the following:</u></p> <p>“Use any code.”</p>	DLMS Supplement authorizes specific qualifiers.	Revision required.
11.	2/LIN02/010	<p><u>Add code and code note to LIN 01:</u></p> <p>Add code ZZ - Mutually Defined and DLMS Note: “Use with transactions reporting the number of location reconciliation notification transactions to comply with ANSI syntax requirements.”</p>	Satisfies X12 requirements.	No impact

#	Location	DS 846R Revision	Reason	Federal IC
12.	<p><b>2/LIN02/010</b></p> <p>=====</p> <p><b>2/REF01/140</b></p>	<p>Authorize use of additional data element 350 (Assigned Identification) code value to identify the commodity (mapping) unique Edition Number and add the following DLMS note:</p> <p>YP Publication Number DLMS Note: Use to identify the publication stock number. <i>DLMS enhancement, see DLMS introductory note 4.a</i></p> <p><i>Add New DLMS Note 2: "Use in DLA mapping location reconciliation requests to identify the mapping product Edition Number. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release".</i></p> <hr/> <p><b>PDC 120A revision: Add Z1 Reference Number for map edition number, with DLMS notes:</b></p> <p><b>Z1 Reference Version Number</b> <b>DLMS Notes:</b></p> <p><i>1. Use in DLA map location reconciliation requests to identify the map edition number. Component unique enhancement.</i></p> <p><i>2. An ANSI data maintenance request has been prepared to request a new code qualifier for Map Edition Number for future use.</i></p>	<p>Authorizes use of Assigned Identification code value YP to identify the Edition Number associated with the DLA map products.</p> <p>-----</p> <p>To identify mapping product Edition Number.</p> <p>Consistent with qualifier DLMSO assigned to Edition Number in DS 940R per ADC 71A and PDC 135A.</p> <p>In ADC 71A, qualifier was chosen to match ANSI name more closely with the functional data element name.</p>	No impact

#	Location	DS 846R Revision	Reason	Federal IC
13	<b>2/DTM01/100</b>	<p>Authorize use of additional data element 374 (Date/Time Qualifier) code values to identify the following DLA map product-unique attributes, and add the accompanying DLMS notes:</p> <p><b>171 Revision</b></p> <p><b>Proposed DLMS Note:</b> <i>“Use in DLA DDMA location reconciliation requests to identify the map edition date. Each DLA DDMA location reconciliation request should include either an edition date (used in conjunction with 2/REF01/140 edition number) or a product effective date, but not both.”</i></p> <p><b>152 Effective Date of Change</b></p> <p><b>Proposed DLMS Note:</b> <i>“Use in DLA DDMA location reconciliation requests to identify the cyclical map product effective date. Each DLA DDMA location reconciliation request should include either an edition date (used in conjunction with 2/REF01/040 edition number) or a map effective date, but not both.”</i></p>	Authorizes use of Date/Time Qualifier codes 171 and 152 to identify the DLA map edition date and the product effective date.	No impact.
14	2/REF01/140	<p><u>Change Federal note to the following:</u></p> <p>“Use any code.”</p>	DLMS Supplement authorizes specific qualifiers.	Revision required.
15	2/LQ01/270	<p><u>Change Federal note to the following:</u></p> <p>“Use any code.”</p>	DLMS Supplement authorizes specific qualifiers.	Revision required.
16	2/LQ01/270	<p><b><u>Replace existing DLMS note for qualifier ‘FH- Location Reconciliation Request’ with the following note:</u></b></p> <p><b>FH - Type of Location Reconciliation Request</b></p> <p><b><i>DLMS note: Data to be removed from transaction in future version. The type of location reconciliation (annual or end-of-day) should be conveyed by 1/BIA06/020.</i></b></p>	Type of location reconciliation will be conveyed in the beginning segment, rather than a 2/LQ01/270 code. The information was carried as a code list in DLSS due to the constraints of the 80 record position transactions. DLMS should not be constrained in a similar manner when there is a more efficient way to convey the information.	No impact.
17	2/QTY01/320	<p><u>Add code and code note to QTY 01</u></p> <p>Add code 46 -Total Transactions and DLMS Note: <i>“Must use with location reconciliation notification transactions (1/BIA01/020 codes X4 and ZZ) to indicate the number of history or location reconciliation request transactions submitted.”</i></p>	Identifies number of location reconciliation notification transactions submitted.	Revision required.

#	Location	DS 846R Revision	Reason	Federal IC
18	2/LQ01/376	<u>Change Federal note to the following:</u>  “Use any code.”	DLMS Supplement authorizes specific qualifiers.	Revision required.
19	2/LQ01/376	<u>Revise LQ01 DLMS note 1 as follows:</u>  Use either code 99 or A1 (but not both), <b>except for ammunition where both codes may be used. (Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 4a).</b>	Change IAW ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition.	No impact.
20	2/LQ01/376	<u>Add qualifier GQ, Group Qualifier Code, as follows:</u> GQ Group Qualifier Code  DLMS Note: Use to identify the MMAC for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.  A data maintenance action was approved in version 5010. The approved code/name is “MAC-Materiel Management Aggregation code”. The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.	Change IAW ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)	No impact.

**4. REASON FOR CHANGE:** This change revises DS 846R to: support component-level DLMS implementation for the DLA BSM effort for mapping products; incorporate MILSTRAP DZN/DZP functionality in DLMS; incorporate ADC 45 and ADC 77 revisions; and makes administrative revisions for consistency with other DS.

**5. ADVANTAGES AND DISADVANTAGES:**

**a. Advantages:** Supports component-level DLMS implementation and MILSTRAP functionality.

**b. Disadvantages:** None identified.

**6. IMPACT:**

**a. Data Content/Procedures:** DAAS maps and Component systems must incorporate additional capability.

**b. Publication(s):**

(1) DLMS Supplement, DAASC Maps, and corresponding Federal IC must be updated.

(2) DoD 4000.25-2-M, Volume 2 Supply, Revise Chapter 6 Physical Inventory Control to add a new section C6.6.2.3.4, Control of Location Reconciliation, renumber current section C6.6.2.3.4 as C6.6.2.3.5, and renumber all subsequent paragraphs. Add DLMS, Volume 2, Chapter 6, section C6.6.2.3.4, Control of Location Reconciliation as follows:

***“C6.6.2.3.4 Control of Location Reconciliation. Storage activities and owners/managers will establish the following provisions for controlling location reconciliation:***

***C6.6.2.3.4.1 Location Reconciliation Notification Transaction. Storage activities will advise intended recipients (owners/managers) of the number of transactions being forwarded, and cut-off date, using DS 846R Location Reconciliation Notification transaction.***

***C6.6.2.3.4.2 Location Reconciliation History Notification transaction. When transaction history is required with Location Reconciliation, the storage activity will advise intended recipients (owners/managers) of the number of historical transactions being forwarded, and the cutoff date, using DS 846R Location Reconciliation History Notification transaction.***

***C6.6.2.3.4.3 Owners/managers will use these transactions to determine receipt of all Location Reconciliation and historical transactions. Where the number of transactions to be transmitted does not match what was actually received, the owner/manager may reject the Location Reconciliation and Location Reconciliation History Notification transactions using DS 824 with Reject Advice Code AY”.***

Enclosure

**ENCLOSURE TO PDC 120A**

Revision to DLMS Supplement 846R Location Reconciliation Request to Support  
Commodity-Unique (Mapping Product) Data and to Support MILSTRAP DZN/DZP functionality

**MILSTRAP DI Code DZN (Location Reconciliation Notification) Mapping to DS 846R**  
DLMS ANSI X.12 [4010 Version]

Current Data Requirements				
PDC 120A changes from PDC 120 are identified by yellow highlight				
Field Name	Record Position	Conditions	DLMS Data Element Segment/Position/Qualifier/Note	Table
Document Identification Code	01-03	<b>DZN</b>	1/LQ01/150 LQ01=0 (Document Identifier Code) LQ02=RP 01-03 1/BIA02/020 'X4' equates to DZN: X4 - Summary Report DLMS Note: <i>"Use to identify Location Reconciliation Notification transaction. Storage activity sends to owner/manager to advise of the number of Location Reconciliation Request transactions being forwarded. (MILSTRAP DI Code DZN).</i>	1
Routing Identifier Code -To	04-06	RIC of the processing ICP	1/N1/80 N101=KA (Item Manager) N103=M4 (DOD RIC) N104=RP 04-06 N106=TO (Message To)	1
Type of Location Reconciliation Request	<b>07</b>	<b>Entry is 1 (end-of-day)</b>  <b>Entry is 2 (annual)</b>	<b>1/BIA06/020</b>  <b>Z = End-of-day processing</b>  <b>24 = annual location reconciliation</b>  <del>2/LQ/270</del> <del>LQ01=FH (Type of Location Reconciliation Request)</del> <del>LQ02=RP 07</del>	1
Number of DI code DZH Transactions to be Transmitted.	08-14		2/QTY/320 QTY01=46 (Total Transactions) DLMS Note: <i>Must use with location reconciliation notification transactions (1/BIA01/020 codes X4 and ZZ) to indicate the number history or location reconciliation request transactions submitted.</i> QTY02=RP 08-14	2

DZN mapping to 846R continued				
Field Name	Record Position	Conditions	DLMS Data Element Segment/Position/Qualifier/Note	Table
Date (Cutoff)	15-18		2/DTM/100 DTM01=600 (As Of) DLMS Note: <i>Must use to identify the close of business date (e.g. mutually agreed upon cutoff date) associated with the location reconciliation.</i> DTM02=RP 15-18 converted to CCYYMMDD DLMS Note: <i>DLMS enhancement; see introductory DLMS note 4a.</i>	2
Routing Identifier (FROM)	19-21	RIC of Storage activity preparing the transaction	1/N1/080 N101=SB (Storage Area) N103=M4 (DOD RIC) DLMS Note: <i>Use to identify the storage activity preparing the transaction.</i> N104=RP 19-21 N106=FR (Message From)	1
Type of Media	22		Deleted by intent in DLMS	
Blank	23-80			

**MILSTRAP DI Code DZP (Location Reconciliation History Notification) Mapping to DS 846R**  
DLMS ANSI X.12 [4010 Version]

<b>Current Data Requirements</b>				
<b>PDC 120A changes from PDC 120 are identified by yellow highlight</b>				
Field Name	Record Position	Conditions	DLMS Data Element Segment/Position/Qualifier/Note	Table
Document Identification Code	01-03	<b>DZP</b>	1/LQ01/150 LQ01=0 (Document Identifier Code) LQ02=RP 01-03 1/BIA02/020 'ZZ' equates to DZP: ZZ- Mutually Defined DLMS Note: <i>“Use to identify Location Reconciliation History Notification transaction. Storage activity sends to owner/manager to advise of the number of transaction history transactions being forwarded .(MILSTRAP DI Code DZP). An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</i>	1
Routing Identifier Code-To	04-06	RIC of the processing ICP	1/N1/80 N101=KA (Item Manager) N103=M4 (DOD RIC) N104=RP 04-06 N106=TO (Message To)	1
Type of Location Reconciliation Request	<b>07</b>	<b>Entry is 1 (end-of-day)</b>  <b>Entry is 2 (annual)</b>	<b>1/BIA06/020</b>  <b>Z = End-of-day processing</b>  <b>24 = annual location reconciliation</b>  <del>2/LQ/270</del> <del>LQ01=FH (Type of Location Reconciliation Request)</del> <del>LQ02=RP 07</del>	1
Number of DI code DZK Transactions to be Transmitted.	08-14		2/QTY/320 QTY01=46 (Total Transactions) DLMS Note: <i>Must use with location reconciliation notification transactions (1/BIA01/020 codes X4 and ZZ) to indicate the number history or location reconciliation request transactions submitted.</i> QTY02=RP 08-14	2
DZP mapping continued				

Field Name	Record Position	Conditions	DLMS Data Element Segment/Position/Qualifier/Note	Table
Date (Cutoff)	15-18		2/DTM/100 DTM01=600 (As Of) DLMS Note: <i>Must use to identify the close of business date (e.g. mutually agreed upon cutoff date) associated with the location reconciliation.</i> DTM02=RP 15-18 converted to CCYYMMDD DLMS Note: <i>DLMS enhancement; see introductory DLMS note 4a.</i>	2
Routing Identifier (FROM)	19-21	RIC of Storage activity preparing the transaction	1/N1/080 N101=SB (Storage Area) N103=M4 (DOD RIC) DLMS Note: <i>Use to identify the storage activity preparing the transaction.</i> N104=RP 19-21 N106=FR (Message From)	1
Type of Media	22		Deleted by intent in DLMS	
Blank	23-80			