Logistics Management Institute

Review of Service/Agency-Unique Data and Transactions, Phase III
DLA Conclusion Briefing

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The Defense Logistics Management System Office (DLMSO) asked LMI to determine the extent data elements in the Defense Logistics Standard System (DLSS) are unique to military services and defense agencies. Incorporating these service-unique data elements into the Defense Logistics Management System (DLMS) is a key factor in the services' implementation of commercial electronic data interchange (EDI) standards.

This report (an annotated briefing) summarizes the results of Phase III of the study. In the Phase III effort, we reviewed Defense Logistics Agency (DLA)–unique transactions and data elements in the existing DLMS transactions. The first two phases covered unique Army and Air Force transactions and fields in the DLMS transactions.[1]

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[1] Logistics Management Institute, *Review of Service-Unique Data and Transactions, Phase I: Army Conclusion Briefing*, Report DN001B1, Paul T. Jensen, Laura E. Green, Angela Jackson, and Meredith A. LaRoque, January 2001, and Logistics Management Institute, *Review of Service-Unique Data and Transactions, Phase II: Air Force Conclusion Briefing*, Report DI102B1, Paul T. Jensen, Laura E. Green, and Jose M. Robles, November 2001.

Summary of Findings

- We encountered no significant difficulties incorporating DLA–unique data into the DLMS.

  - 67 codes or data elements will be opened in DLMS implementation conventions.
  - 3 segments will be opened in DLMS implementation conventions.
  - No X12 data maintenance is required.
  - DLA is not using 76 DLSS data elements.

- DLA has numerous unique transactions that we are currently mapping into DLMS implementation conventions.

The Department of Defense (DoD) is replacing the DLSS with the DLMS. The DLMS is based on American National Standards Institute's (ANSI's) Accredited Standards Committee (ASC) X12 EDI standards. In addition to incorporating DLSS data, the DLMS transactions also incorporate many capability enhancements to the existing transaction business rules requested by DoD and civil agencies. Much of the data carried by individual services in data fields available for intra-service use are not yet incorporated into DLMS transactions. To enable the individual services and defense agencies to implement the DLMS fully, we must identify the service/agency-unique data and transactions.

This briefing is a summary of Phase III of the review. We identified DLA–unique data in the Military Standard Requisitioning and Issue Procedures (MILSTRIP) and Military Standard Transaction Reporting and Accounting Procedures (MILSTRAP) transactions and determined where the data can be incorporated into the DLMS. Our review discovered no significant difficulties in incorporating the DLA–unique data into the DLMS. Because of previous efforts to incorporate enhancements into the DLMS, many DLA–unique data requirements can be mapped to the DLMS with no additional modifications. No X12 data maintenance is required to incorporate DLA–unique data into the X12 EDI standards. However, for DLA to use the MILSTRIP and MILSTRAP transactions, 67 items must have codes or data elements opened in the DLMS implementation conventions (ICs). Three new segments must be opened in the DLMS ICs. Our review showed there are 76 DLSS fields that DLA is not using; these fields are listed in Appendix A. We are in the process of reviewing DLA–unique transactions and mapping them into DLMS ICs.

Background

- First DLSS established in 1963; additional procedures developed over the next 25 years.

- The computer-to-computer exchange of service and agency documents currently uses a DoD standard.

- Approximately 2 billion exchanges occur annually.

- Existing 80-record position data format limits flexibility.

The DLSS incorporates a series of procedures and electronic transaction formats that govern DoD logistics operations. DLSS transactions convey data about requisitions, inventory, transportation, billing, and other information within the logistics automated data processing (ADP) systems of the military services and defense agencies. DLSS transactions are crucial for the effective operation of DoD, and nearly 2 billion transactions occur annually.

Constraints of the existing 80-record position format for DLSS transactions restrict the military services and defense agencies in their ability to fully capitalize on recent ADP technology advances.

Background (Continued)

- DoD Directive 8190.1 directs the use of approved EDI standards and supporting implementation conventions (ICs) for DoD logistics business transactional data exchange.

- DLMS supports intra-service/agency, inter-service/agency, and commercial exchanges.

- DLMS is the baseline for information exchange requirements and integration of new and evolving technologies.

- Service/agency-unique data and transactions are not included in DLMS.

DoD Directive 8190.1, *DoD Logistics Use of Electronic Data Interchange Standards* (5 May 2000), directs the use of approved EDI standards and supporting ICs for DoD logistics business transactional data exchange.

The DLMS provides a broad base of business rules that are supported by ANSI ASC X12 commercial EDI standards. DLMS is designed to meet DoD's requirements for total logistics support. Adoption of these standards supports DoD's goals—improving and reengineering processes to incorporate commercial practices and increasing reliance on the commercial sector for logistics support. Further, replacing proprietary logistics transaction formats with ASC X12 EDI standards is a necessary steppingstone in the conversion to international open systems standards.

Over the past several years, substantial preparatory work for implementing the DLMS was completed. More than 425 DLSS formats were converted into approximately 26 ASC X12 transaction sets, and approximately 53 federal ICs were developed based on those transaction sets. In addition, the many DLSS manuals were revised into a single comprehensive DLMS manual. The DLMS transactions are based on the existing DLSS 80-record position transaction format; however, the DLMS transactions have greater flexibility and expanded data capability.

Initial development of DLMS transactions did not include the incorporation of most service/agency-unique data elements, logistics transactions, and corresponding business rules.

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Project Objective

- The objective of the project was to support DLMSO and the services/agencies involved in the logistics EDI implementation effort by

  - identifying and evaluating current service/agency-unique logistics data exchanges and the use of service/agency-unique data in the DLSS, and

  - recommending actions for incorporating the data into the DLMS or for establishing alternative formats that use other commercial electronic-commerce standards.

LMI is helping DLMSO and the services and agencies' logistics community identify their unique data elements, transactions, codes, and corresponding business rules that will be incorporated into the DLMS or converted to EDI transactions. We are also identifying requirements for supporting both existing logistics systems and future modernization of the systems. Our study will serve as a foundation for planning and coordinating the DLMS implementation.

We expect enhancements offered by the DLMS will eliminate many service/agency-unique transactions by incorporating the data elements into existing DLMS transactions.

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Scope of Effort

■ Unique data elements and transactions managed by the services and the Defense Logistics Agency

■ Focus on materiel-related exchanges—functions generally covered by DLSS, MILSTRIP, and MILSTRAP procedures

■ Exchanges between and among inventory control points, depots, retail sites (requisitioners), and commercial organizations

Ultimately, this project will identify the unique data elements and transactions for the services and DLA that could be incorporated into the DLMS.

Our focus is on materiel-related exchanges covered primarily by the DLSS, MILSTRIP, and MILSTRAP procedures because most of the variable fields are in these exchanges.

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Phase III Objectives

■ Identify and analyze DLA–unique fields in the DLSS transactions and determine implications for DLMS.

■ Review DLA-unique transactions and determine impacts when incorporated into the DLSS transactions.

■ Document DLA–unique requirements to be incorporated into the DLMS.

The evolution of the DLSS made it possible to supplement standard DoD transactions and processes with service/agency-unique transactions and data conveyed in standard DoD transactions. We analyzed the DLA–unique document identifiers to determine if transactions could be included in an existing IC, could be incorporated into existing DLMS transactions using additional data elements or codes, or require a new IC.

Analysis of DLA–Unique Data

■ LMI reviewed MILSTRIP and MILSTRAP transactions by

● comparing DLA record layout from DLA MAN 4140.2 with the MILSTRIP and MILSTRAP manuals, DLSS-to-DLMS mapping documents, and appropriate implementation conventions; and

● determining necessary changes to the ICs or X12 standards.

We analyzed each of the DLA MILSTRIP A–series and FT–series transactions to determine if the data carried in them were unique to DLA, or if the transactions' functionality existed in a code carried within the IC. We also analyzed each of the DLA MILSTRAP D–series transactions to determine service-unique uses.

We compared the DLA record layouts from the DLA Manual (DMAN) 4140.2 with the MILSTRIP and MILSTRAP manuals and the DLSS-to-DLMS mapping documents.

In our analysis, we identified where the DLA record layout differed from the DLSS record layout. We then reviewed the appropriate DLMS IC to determine if an existing data element or code was available to convey the DLA–unique data requirement. If the existing IC could not convey the DLA data requirement, we looked at the X12 standard to determine if a data element or code was available to carry the data.

Through our analysis, we identified 54 additions to the existing ICs for A–series document identifiers, 6 additions to ICs for D–series document identifiers, and 7 additions to ICs for FT–series document identifiers. Appendix B contains a summary of the affected ICs, and Appendix C contains a summary of the comparisons of the A–, D–, and FT–series.

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DLA–Unique Data—MILSTRIP

- 54 items to be added to DLMS ICs to cover DLA A–series transactions are available in the X12 standard (004010).

- 7 items to be added to DLMS ICs to cover DLA FT–series transactions are available in the X12 standard (004010).

- 2 MILSTRIP changes will require opening segments in DLMS ICs.

- 0 MILSTRIP changes required by the identified DLA-unique data will require X12 data maintenance.

- 76 DLSS data elements are not used by DLA.

Our comparison of DLA A–and FT–series document identifiers against the MILSTRIP manual identified 61 items that must be added to a number of existing DLMS ICs. Appendix A contains a summary of all DLSS fields not used by DLA. Appendix B contains a summary of all changes required, by IC. Appendix C contains a summary of the required DLA A–and FT–series changes, by transaction.

We identified two changes that require a segment to be opened up in DLMS ICs.

The following codes are available in the X12 standard (Version 004010):

- ◆ 511M: Work Order Number, Party Passing the Transaction, Signal Code

- ◆ 511R: Work Order Number

- ◆ 517G: Demand Code

- ◆ 517M: Advice Code, Transaction Control Date

- ◆ 812: Project Code, Fund Code, Media and Status Code, Status Code

- ◆ 856S: Assured Delivery Indicator, Available, Type Pack Code

- ◆ 869A: Demand Code, Status Code

- ◆ 869C: Type Pack Code, Routing Instruction Number, Transaction Category, Commodity Name, Plan Number, Print or Drawing, Retention Quantity, Criticality Designator Code, Management Code, Supply Condition Code, Ownership Code, Status, End-Item Description, Transferred, Type Pack Code, Estimated Delivery, Status Code, Work Order, Technical Order Number, Demilitarization Code

- ◆ 869F: Status Code, Water Terminal Identifier Code, Shipment Hold Code, Release, Transportation Control Number, Transportation Mode of Method, Air Terminal Identifier Code, Type Pack Code

- ◆ 870M: Credit Note Number, Release, Status

- ◆ 870S: Advice Code

- ◆ 940R: Clear Text Clause, Routing Instruction Number, Demand Code, Effective Date, Original Value, Shipment Hold Code

- ◆ 945A: Advice Code, Required By, Released, Unit Value, Criticality Designator Code.

The following segments are available in the X12 standard (Version 004010):

- ◆ 869A: Segment GF–Furnished Goods and Services at position 100 in table 2. Open GF 043–Monetary Amount

- ◆ 869C: Segment GF–Furnished Goods and Services at position 100 in table 2. Open GF 043–Monetary Amount.

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DLA–Unique Data—MILSTRAP

■ 6 items to be added to DLMS ICs are available in the X12 standard (004010).

■ 0 MILSTRAP changes required by the identified DLA–unique data will require X12 data maintenance.

■ 1 MILSTRAP change will require opening segments in DLMS ICs.

Our comparison of DLA D–series document identifiers against the MILSTRAP manual identified six items to add to a number of DLMS ICs. Appendix A contains a summary of DLSS fields not used by DLA. Appendix B contains a summary of all required changes, by IC. Appendix C contains a summary of the required DLA D–series changes, by transaction.

We identified one segment that needs to be opened in the DLMS ICs.

The following items are available in the X12 standard (Version 004010):

◆ 527D: Supplier (Replacement)

◆ 830R: FEDWIRE Confirmation Number

◆ 846I: Latest Receiving Date/Cutoff

◆ 846P: Latest Receiving Date/Cutoff, Recorded Date

◆ 867D: Type Pack Code.

The following segment is available in the X12 standard (Version 004010):

◆ 846S: Segment BIA–Beginning Segment for Inventory Inquiry/Advice at position 20 in table 1. Open BIA03–Reference Identification.

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Preliminary Review of DLA–Unique Transactions

- There is a large number of DLA–unique transactions, most of which are between DLA supply centers and defense distribution depots.

- We have begun mapping these unique transactions into DLMS ICs. Below is a summary of the activity so far:

Status	Number of Transactions
Completed	6
Under DLMSO Review	3
In Progress	13
Pending	26

The DLA has a large number of unique transactions. A preliminary survey indicated that several of these transactions could be candidates for conversion to the DLMS. DLA functional staff identified specific DLA–unique transactions to be incorporated into the DLMS for Business System Modernization prototype testing. We have begun incorporating the DLA–unique transactions into DLMS. Table 1 shows the status.

Table 1. Status of Work to Incorporate DLA–Unique Transactions into DLMS

DLA transaction	DLA transaction title	DLMS IC	Status
CGU	MRO Exception Data	940R	Completed
CQA/CQ1/COA/CO1	Directed MRO (Post-Post Requisition/Referral)	511R	Completed
YRZ		511R	Completed
CD5/CD4	Customer Depot Complaining System DD 1225 and SF 364 Data and Acknowledgement	842D	Under DLMSO Review
WS1	Weapon Item Data Transaction	888I	Under DLMSO Review
CFR/CWA/CXA/CXB/CXF/CXG/CXK/CXT	Provisioning Line Item Supply Support Request	846 (new)	In Progress
CX1/CX2/CX3/CX4	WIMM/SICC–Provisioning Advice Card	846 (new)	In Progress
CX5	Provisioning Line Item Advice Card–Additional Data	846 new)	In Progress

Table 1. Status of Work to Incorporate DLA–Unique Transactions into DLMS (Continued)

DLA transaction	DLA transaction title	DLMS IC	Status
CIS	Special Project Activity Report Document		Pending
CC1/CC2/CC5	Procurement Contract Data Transactions		Pending
CDF	Materiel Receipt Detail Card for Army CCP		Pending
CDP	Transportation Movement Data for Army CCP		Pending
CG_	Interrogation Request/Response for Unidentifiable NSN		Pending
CGF	GFM Inventory Control Point to MCS Status		Pending
CH1/CHA	LRT Mirror Image of Off-Line Requisitions—OCONUS/CONUS		Pending
CJA	LR Gain Statistics Transaction to DLA		Pending
CJC	SMSF Special Projects LR Gain Statistics		Pending
CJD	LVA Rejects Returned to IMC Submitter		Pending
CJE	LR Materiel Receipt Processing and Analysis		Pending
CJF	LR ICP to ICP Asset Transaction		Pending
CDB	Shipment Information Request (MROs over 30 days old)		Pending
CLS	Response to Information Requests—DAAS to DLA Centers		Pending
CSL	Forward Stockage Level—Site Level RO		Pending
CZF/CZR	Inactive Item Review Card		Pending
C5_/C51/C55/ C5A/C5E	MRO IPE		Pending
CRQ	Notice of Transshipment Transaction		Pending
CWS	Weapon System Summary Status Report		Pending
CR0	Confirmation of a Decentralized Issue		Pending

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Issues

- DLA format for transaction DZG does not have a DLMS counterpart.

- DLA format for transactions DXA and DXB have a minor error in their mappings.

- DLA format for transactions DLQ, DKA, and DJB do not have MILSTRAP or DLMS ICs.

- DLA format for transactions DZP and DZN do not have DLMS associated ICs.

We identified four issues:

♦ DLA format for transaction DZG has a DLSS/MILSTRAP associated IC of an 824 R. However, this 824R does not exist in the DLMS. DLA and DAASC are working on incorporating the DZG into the existing 824 transaction.

♦ DLA format for transactions DXA and DXB appear to have the RIC from and RIC to transposed. These two transactions should be corrected as soon as possible.

♦ DLA format for transactions DLQ, DKA, and DJB do not have a DLMS or DLSS/MILSTRAP associated transaction. According to Section 1 of the July 2002 Logistics Information Data Service Transaction Volume Report, these transactions are not used today by DLA.

♦ DLA format for transactions DZP and DZN have a DLSS/MILSTRAP associated transaction but no DLMS IC. These transactions are count transactions, which DLA (and the Army and Navy) are using today.

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Conclusion

- Incorporate DLA-unique data requirements in the DLMS with minimal ASC X12 additions.

- Incorporate DLA-unique transactions into the DLMS with minimal changes.

Our review of DLA–unique data elements in the MILSTRIP and MILSTRAP transactions revealed only 67 elements that are not present in the applicable DLMS ICs. Three segments will need to be opened in DLMS ICs.

DLA has many unique transactions that are used between the DLA supply centers and defense distribution depots. In many instances, these transactions are similar to existing DLMS transactions and are easily mapped.

Other DLA–unique transactions contain data not typically used in DLMS transactions and may require additional codes and qualifiers to be added to the X12 standard.

Appendix A
DLSS Fields Not Used by DLA

Our review of the DLA–unique data revealed 76 DLSS fields that DLA is not using. Table A-1 maps the DLMS ICs and their associated DICs to the DLSS fields not being used by DLA.

Table A-1. DLSS Fields Not Used by DLA

DLMS IC	DIC	DLSS field name
846D	DEE/DEF	Distribution
846D	DEE/DEF	Multi-use
846D	DEE/DEF	Ownership/Purpose
846D	DEE/DEF	Supply Condition
846D	DEE/DEF	Multiuse
527D	DU_	Routing Identifier
527D	DU_	Multiuse
940R	ACJ	Unit Price
869C	ACP/ACM	Project Code
869C	ACP/ACM	Project Code
511R	A0_	Disposal Turn-in Document Number Excess Report
511R	A0_	Condition Code
940R	A2_	Distribution
940R	A2_	Required Delivery Date/Required Delivery Period
940R	A2_	Advice
940R	A2_	Date of Receipt of Order
940R	A2_	System Management
940R	A2_	Inventory Control Data
511R	A3_	Cooperative Logistics Program Support Code
940R	A4_	Management Data
940R	ACJ	Precious Metals Indicator
940R	ACJ	ADPE Identification
940R	ACJ	Disposal Authority
869C	ACP/ACM	Procurement Request Number
869C	ACP/ACM	Procurement Instrument Identification Number
869C	ACP/ACM	Contract Line Item Number
869C	ACP/ACM	Contract Subline Item Number

DLMS IC	DIC	DLSS field name
870S	AE_	Minimum Order Quantity
870S	AE_	Federal Supply Schedule Number
945A	AE6	Minimum Order Quantity
945A	AE6	Federal Supply Schedule Number
945A	AEJ	Precious Metals
945A	AEJ	ADPE Identification
945A	AEJ	Disposal Authority
870S	AE9	Estimated Shipping Date
846P	DJA_A	Type of Physical Inventory/Transaction History
846P	DJA_A	Unit of Issue
846P	DJA_A	Date (Physical Inventory Infloat Control)
846P	DJA_A	Distribution
846P	DJA_A	Project
846P	DJA_A	Ownership/Purpose
940R	AFJ	Precious Metals Indicator
940R	AFJ	ADPE Identification
940R	AFJ	Disposal Authority
940R	AFJ	Flight Safety Critical Aircraft Parts
869A	AF_	Minimum Order Quantity
869A	AF_	Federal Supply Schedule Number
940R	AFX	Research Guidance
945A	AGJ	Precious Metals Indicator
945A	AGJ	ADPE Identification
945A	AGJ	Disposal Authority
945A	AGJ	Demilitarization
945A	AGJ	Reclamation
511M	AM_	Disposal Turn-in Document Number Excess Report
511M	AM_	Condition Code
517M	AN_	Media and Status
869C	AK_	Precious Metals Indicator
869C	AK_	ADPE Identification
869C	AKJ	Disposal Authority
856S	AU_	Status Code
856S	AU_	Unit Price
945A	AU0/AUA/AUB	Disposal Turn-in Document
846P	DJA_B	Distribution

Table A-1. DLSS Fields Not Used by DLA (Continued)

DLMS IC	DIC	DLSS field name
846P	DJA_B	Project
846P	DJA_B	Supply Condition
9471	D8E/D9E	Routing Identifier (Losing)
9471	D8E/D9E	Day of Year (Effective)
9471	D8E/D9E	Ownership/Purpose
9471	D8E/D9E	Supply Condition
9471	DAC/DAD	Routing Identifier (Losing)
812R	FTP	Project Code
536L	DLT_1	Quantity (Reorder Point Level)
527R	DXA/DXB	Shipment Number
527R	DXC	Shipment Number
527R	DXD	Unit Price
940R	A5J	Fund Code

Appendix B
Implementation Convention Summary

DLA use of intra-service fields in the DoD standard A–, D–, and FT–series transactions requires certain data items. Many of these items are available in the ASC X12 standard but are not currently open in the relevant DLMS ICs. Table B-1 lists the ICs that carry DLA transactions, the associated DLA DICs, and the items that must be opened for DLA to use the A–, D–, and FT–series transactions.

Table B-1. Required IC Changes

DLMS IC	DIC	X12
511M	AM_	2/GF01-2/070/W—Work Order Number
511M	AM_	1/N101/070/ZL—Party Passing the Transaction
511M	AMF	2/LQ01-2/140/DE—Signal Code
511R	A0_	2/GF01-2/070/WO—Work Order
517G	AX1	2/LQ01-2/080/74—Demand Code
517M	AN_	2LQ01-2/080/80—Advice Code
517M	AP_	2/G6201-2/040/BB—Transaction Control Date
527D	DW_/DU_	2/N901-2/090/ZR—Supplier (Replacement)
812L	FTB	2/LQ01-2/206/78—Project Code
812L	FTB	1/FA201-2/170/B5—Fund Code
812L	FTB	2/LQ01-2/206/DF—Media and Status Code
812L	FTB	2/LQ01-2/206/81—Status Code
830R	DYA/DYB/DYL/DYM/DYJ	2/REF/140/ALT—Alteration Number
830R	DYA/DYB/DYL/DYM/DYJ	2/REF/140/81—FEDWIRE Confirmation Number
846I	DZA	2/DTM01-2/100/311—Latest Receiving Date/Cutoff
846P	DJA_B/ DJA_A	2/DTM01-2/100/311—Latest Receiving Date/Cutoff
846P	DZJ	2/DTM01-2/100/995—Recorded Date
856S	ASH	2/LQ01-2/350/KJ—Assured Delivery Indicator
856S	AU_	2/DTM01-2/200/018—Available
856S	AU_	2/LQ01-2/350/40—Type Pack Code
867D	DHA	2/LA01-2/270/40—Type Pack Code
869A	AF_	2/LQ01-2/180/74—Demand Code
869A	AF_	2/LQ01-2/180/81—Status Code
869C	ACP/ACM	2/LQ01-2/180/40—Type Pack Code
869C	ACP/ACM	2/REF01-2/105/S5—Routing Instruction Number
869C	ACP/ACM	2/REF01-2/105/BX—Transaction Category
869C	AC_	2/LIN04-5/050/CN—Commodity Name
869C	ACP/ACM	2/REF01-2/105/18—Plan Number

DLMS IC	DIC	X12
869C	AC_	2/LIN04-5/050/PT—Print or Drawing
869C	AK_	2/QTY01-2/080/V1—Retention Quantity
869C	AK_	2/LQ01-2/100/5—Criticality Designator Code
869C	AK_	2/LQ01-2/180/84—Management Code
869C	AK_	2/LQ01-2/180/83—Supply Condition Code
869C	AK_	2/LQ01-2/180/A1—Ownership Code
869C	AK_	2/REF01-2/105/ACC—Status
869C	AC_	2/LIN04-05/050/F7—End-Item Description
869C	AKJ	2/DTM01-2/030/514—Transferred
869C	AC_	2/LQ01-2/180/40—Type Pack Code
869C	AK_	2/DTM01-2/030/017—Estimated Delivery
869C	AK_	2/LQ01-2/180/81 Status Code
869C	AC_	2/GF01-2/100/WO—Work Order
869C	AC_	2/LIN04-5/050/F2—Technical Order Number
869C	AK_	2/LQ01-02/180/FD—Demilitarization Code
869F	AFY	2/LQ01-2/180/81—Status Code
869F	AFY	2/LQ01-2/180/37—Water Terminal Identifier Code
869F	AFY	2/LQ01-2/180/82—Shipment Hold Code
869F	AFY	2/DTM01-2/030/168—Release
869F	AFY	2/REF01-2/105/TG—Transportation Control Number (TCN)
869F	AFY	2/LQ01-2/180/39—Transportation Mode of Method
869F	AFY	2/LQ01-2/180/36—Air Terminal Identifier Code
869F	AT_	2/LQ01-2/180/40—Type Pack Code
870M	FTZ	2/REF01-2/087/CD—Credit Note Number
870M	FTZ	2/DTM01/240/168—Release
870M	FTR/FTD/FT6	2/DTM01-2/240/771—Status
870S	ASZ	2/LQ01-2/145/80—Advice Code
940R	A2_	2/N901-2/0400/CU—Clear Text Clause
940R	A2_	2/N901-2/400/S5—Routing Instruction Number
940R	A4_	2/LQ01-02/1300/74—Demand Code
940R	ACJ/AFJ	2/G6201-2/0900/07—Effective Date
940R	ACJ	2/AMT01-2/0800/XW—Original Value
940R	AFX	2/LQ01-2/1300/82—Shipment Hold Code
945A	AGJ	2/G6201-2/050/07—Effective Date
945A	A6_	2/LQ01-2/100/80—Advice Code
945A	A6_	2/G6201-2/50/BD—Required By
945A	AE6	1/G6203-4/110/B—Released
945A	AE6	2/AMT01/060/NT—Unit Value
945A	AGJ	2/LQ01-2/100/5—Criticality Designator Code

Appendix C
DLA A–, D–, and FT–Series Transaction Summaries

This appendix summarizes each document series by listing the DLMS ICs, DICs, and ASC X12 components in each transaction that must be opened in the IC, and items in the document that currently are not in the ASC X12 standard. The A–, D–, and FT–series summaries are contained in Tables C-1, C-2, and C-3, respectively. DLSS transactions that do not include service/agency-unique fields have already been incorporated into the DLMS and are not listed here.

Table C-1. A–Series Summary

DLMS IC	DIC	X12
511M	AM_	2/GF01-2/070/WO-Work Order Number
511M	AM_	1/N101/070/ZL - Party Passing the Transaction
511M	AMF	2/LQ01-2/140/DE - Signal Code
511R	A0_	2/GF01-2/070/WO -Work Order
517G	AX1	2/LQ01-2/080/74 - Demand Code
517M	AN_	2LQ01-2/080/80 - Advice Code
517M	AP_	2/G6201-2/040/BB - Transaction Control Date
856S	ASH	2/LQ01-2/350/KJ - Assured Delivery Indicator
856S	AU_	2/DTM01-2/200/018 - Available
856S	AU_	2/LQ01-2/350/40 - Type Pack Code
869A	AF_	2/LQ01-2/180/74 - Demand Code
869A	AF_	2/LQ01-2/180/81 - Status Code
869C	ACP/ACM	2/LQ01-2/180/40 - Type Pack Code
869C	ACP/ACM	2/REF01-2/105/S5 - Routing Instruction Number
869C	ACP/ACM	2/REF01-2/105/BX - Transaction Category
869C	AC_	2/LIN04-5/050/CN - Commodity Name
869C	ACP/ACM	2/REF01-2/105/18 - Plan Number
869C	AC_	2/LIN04-5/050/PT - Print or Drawing
869C	AK_	2/QTY01-2/080/V1 - Retention Quantity
869C	AK_	2/LQ01-2/100/5 - Criticality Designator Code
869C	AK_	2/LQ01-2/180/84 - Management Code
869C	AK_	2/LQ01-2/180/83 - Supply Condition Code
869C	AK_	2/LQ01-2/180/A1- Ownership Code

Table C-1. A–Series Summary (Continued)

DLMS IC	DIC	X12
869C	AK_	2/REF01-2/105/ACC - Status
869C	AC_	2/LIN04-05/050/F7 - End-Item Description
869C	AKJ	2/DTM01-2/030/514 - Transferred
869C	AC_	2/LQ01-2/180/40 - Type Pack Code
869C	AK_	2/DTM01-2/030/017- Estimated Delivery
869C	AK_	2/LQ01-2/180/81 Status Code
869C	AC_	2/GF01-2/100/WO - Work Order
869C	AC_	2/LIN04-5/050/F2 - Technical Order Number
869C	AK_	2/LQ01-02/180/FD - Demilitarization Code
869F	AFY	2/LQ01-2/180/81 - Status Code
869F	AFY	2/LQ01-2/180/37 - Water Terminal Identifier Code
869F	AFY	2/LQ01-2/180/82 - Shipment Hold Code
869F	AFY	2/DTM01-2/030/168 - Release
869F	AFY	2/REF01-2/105/TG - Transportation Control Number (TCN)
869F	AFY	2/LQ01-2/180/39 - Transportation Mode of Method
869F	AFY	2/LQ01-2/180/36 - Air Terminal Identifier Code
869F	AT_	2/LQ01-2/180/40 - Type Pack Code
870S	ASZ	2/LQ01-2/145/80 - Advice Code
940R	A2_	2/N901-2/0400/CU - Clear Text Clause
940R	A2_	2/N901-2/400/S5 - Routing Intruction Number
940R	A4_	2/LQ01-02/1300/74 - Demand Code
940R	ACJ/AFJ	2/G6201-2/0900/07 - Effective Date
940R	ACJ	2/AMT01-2/0800/XW - Original Value
940R	AFX	2/LQ01-2/1300/82 - Shipment Hold Code
945A	AGJ	2/G6201-2/050/07 - Effective Date
945A	A6_	2/LQ01-2/100/80 - Advice Code
945A	A6_	2/G6201-2/50/BD- Required By
945A	AE6	1/G6203-4/110/B - Released
945A	AE6	2/AMT01/060/NT-Unit Value
945A	AGJ	2/LQ01-2/100/5 - Criticality Designator Code

Table C-2. D–Series Summary

DLMS IC	DIC	X12
812L	FTB	2/LQ01-2/206/78—Project Code
812L	FTB	1/FA201-2/170/B5—Fund Code
812L	FTB	2/LQ01-2/206/DF—Media and Status Code
812L	FTB	2/LQ01-2/206/81—Status Code
870M	FTZ	2/REF01-2/087/CD—Credit Note Number
870M	FTZ	2/DTM01/240/168—Release
870M	FTR/FTD/FT6	2/DTM01-2/240/771—Status

Table C-3. FT–Series Summary

DLMS IC	DIC	X12
527D	DW_/DU_	2/N901-2/090/ZR—Supplier (Replacement)
830R	DYA/DYB/DYL/ DYM/DYJ	2/REF/140/81—FEDWIRE Confirmation Number
846I	DZA	2/DTM01-2/100/311—Latest Receiving Date/Cutoff
846P	DJA_B/DJA_A	2/DTM01-2/100/311—Latest Receiving Date/Cutoff
846P	DZJ	2/DTM01-2/100/995—Recorded Date
867D	DHA	2/LA01-2/270/40—Type Pack Code