November 25, 2015

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management Standards (DLMS) Change (ADC) 1131, Phase II Implementation of New DLMS 841W Hazardous Material/Hazardous Waste Profile (HWPS) and 856W Hazardous Material/Hazardous Waste (HM/HW) Shipment Status Implementation Conventions and Associated Procedures Supporting Turn-Ins to DLA Disposition Services (Supply)

 The attached change to Defense Logistics Manual (DLM) 4000.25, Defense Logistics Management Standards and DLM 4000.25-1, Military Standard Requisition and Issue Procedures (MILSTRIP) is approved for implementation. The new DLMS Implementation Conventions (IC) will be posted to Defense Logistics Management Standards Office (DLMSO) Web site at http://www2.dla.mil/j-6/dlmso/elibrary/TransFormats/140_997.asp within 10 days from the above date.

 Addressees may direct questions to Ms. Ellen Hilert, DOD MILSTRIP Administrator, 703-767-0676 or DSN 427-0676, e-mail: ellen.hilert@dla.mil, or Ms. Heidi Daverede, DOD MILSTRIP Alternate, 703-767-5111; DSN 427-5111, e-mail: heidi.daverede@dla.mil. Others may contact their Component designated Supply PRC representative available at: https://www2.dla.mil/j-6/dlmso/CertAccess/SvcPointsPOC/allpoc.asp.

 DONALD C. PIPP
 Director
 Defense Logistics Management
 Standards Office

Attachment
As stated

cc:
ODASD (SCI)

ADC 1131

Phase II Implementation of New DLMS 841W Hazardous Material/Hazardous Waste Profile (HWPS) and 856W Hazardous Material/Hazardous Waste (HM/HW) Shipment Status Implementation Conventions and Associated Procedures Supporting Turn-Ins to DLA Disposition Services

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

    a. <u>Technical POC</u>: DLA Logistics Information Service, LAE 269.961.5227

    b. <u>Functional POC</u>: DLA Disposition Services, DB 269.961.5898

2. FUNCTIONAL AREA:

    a. <u>Primary/Secondary Functional Area</u>: Supply/Logistics

    b. <u>Primary/Secondary Functional Process</u>: Disposition Services Turn-Ins/Generator Communication (GenComm)

3. REFERENCES:

    a. ADC 416, Hazardous Material/Hazardous Waste (HM/HW) Profile Transaction, DLMS 996H, in Support of Reutilization Business Integration (RBI), dated October 25, 2011

    b. ADC 422, Revises DLMS Implementation Convention 856S, Shipment Status, in Support of Reutilization Business Integration (RBI), dated October 6, 2011

    c. ADC 1043, DLMS Revisions for Department of Defense (DOD) Standard Line of Accounting (SLOA)/Accounting Classification, dated September 18, 2013

    d. ADC 1043A, Revised Procedures for Department of Defense (DOD) Standard Line of Accounting (SLOA)/Accounting Classification to Support Transaction Rejection Requirements, dated August 20, 2014

    e. ADC 1111, Revise Procedures for Intransit Control of Materiel Turned In To DLA Disposition Services and Establish use of the DLMS 527R for a New Disposition Services Turn-In Receipt Acknowledgement (TRA) Transaction, dated August 27, 2014

    f. DLM 4000.25 Defense Logistics Management Standards, Volume 2, dated June 13, 2012

    g. DTR 4500.9-R, Defense Transportation Regulation, Part II, Appendix L

    h. Federal Register, Volume 77, No. 58, Monday, March 26, 2012. Department of Labor Occupational Safety and Health Administration Hazard Communication.

2. APPROVED CHANGE(S):

a. **Brief Overview of Change:** Establish two new DLMS Implementation Conventions (IC) that provide the current functionality of the legacy flat file GenComm Standard Version 5.0 as documented in in the DLMS manual (Reference 3.f. Appendix 9). The DLMS 841W HWPS will support the required HWPS functionality, to include the capability to transmit multiple profile sheets in one transaction. The DLMS 856W HM/HW Shipment Status will support the requirement to document the DTID information associated with an HM/HW disposal turn-in; its functionality is similar to the DLMS 856S Shipment Status/MILSTRIP Legacy Document Identifier Code AS3. This DLMS change also documents several updates to the data content for the HWPS and the associated DTID data content.

b. **Background:**

(1) The DLA Disposition Services is a worldwide presence within the Department of Defense, with disposal specialists in 14 foreign countries, two U.S. territories, and 39 states. DLA Disposition Services' mission is the execution of disposition solutions for excess military property. The Reutilization Business Integration (RBI) project has replaced the Disposal Automated Information System (DAISY) by integrating DLA Disposition Services business processes within the DLA enterprise suite of applications, including the Enterprise Business System (EBS) for materiel management functions and the Distribution Standard System (DSS) for warehousing/distribution functions.

(2) ADC 416 established an interface through Transactions Services to electronically convey HWPS and shipment status information for shipments to DLA Disposition Service Field Offices (Reference 3.a.). The interchange accommodated the existing GenComm Standard v5.0 pipe-delimited and XML schema transaction formats. Transactions Services converted these transactions to a DLMS 996H, Hazardous Material/Hazardous Waste Profile, and DLMS 856S, Shipment Status, Electronic Data Interchange transaction for routing to the applicable DLA Disposition Service Field Office. The DLMS 996H had limited functionality as it basically served to wrap the pipe-delimited/XML formats into an EDI transaction. This was chosen as the initial Phase I implementation step, so as to expeditiously provide a DLMS transaction to the DLA Disposition Service Field Office, which had just migrated to DLA's Distribution Standard System (DSS), a DLMS compliant system; this initial implementation minimized the impact to Service Component systems. ADC 416 documented the intent under Phase II to fully modernize the GenComm standard by implementing a more comprehensive set of DLMS transactions with the goal of eliminating data redundancies in the legacy file format and structuring of the transaction to facilitate future enhancements to the data content without being limited by a flat file format.

(3) ADC 422 documented additional enhancements to the DLMS 856S Shipment Status to accommodate the required DTID data content for HM/HW turn-ins (Reference 3.b.). It also advised the Components that DLA Disposition Services intended to sunset the GenComm server and that Component systems should make plans to implement a direct interface with Transaction Services for the HM/HW turn-in shipment status and HWPS processes.

(4) To retire the GenComm server, several new DLMS transactions will be required, in addition to updates to existing DLMS transactions. These new transaction formats and associated procedures will be published in three separate DLMS changes. These DLMS changes will be developed incrementally in the order indicated below.

(a) ADC 1131

    1. New DLMS 841W HWPS

    2. New DLMS 856W HM/HW Shipment Status

(b) Future DLMS Change on the HM/HW Handshake Process between the Field Office and the turn-in customer

    1. New DLMS 824W HWPS Acceptance/Rejection

    2. Update DLMS 527R Disposition Services Turn-in Receipt Acknowledgement

    3. Update DLMS 824R Reject Advice

(c) Future DLMS Change on the HM/HW In-Process Reporting Status between the Field Office and the turn-in customer.

    1. New DLMS 870W HM/HW Status

    2. Update DLMS 856W HM/HW Shipment Status

Staffing Note: Component Systems are required to implement the new transactions into their systems supporting HM/HW turn-ins as identified in this DLMS change and the future DLMS changes associated with the Handshake Process and the In-Process Reporting Status. The exchange of transactions between the Component systems and the Field Office will be done via Transaction Services.

(5) Effective May 25, 2012, under Hazard Communication 2012, the Department of Labor's Occupational Safety and Health Administration modified its Hazard Communication Standard (HCS) to conform to the United Nation's Globally Harmonized System of Classification and Labeling of Chemicals (GHS.) Modification to the standard includes a specified format for safety data sheets and renaming of the term Material Safety Data Sheets (MSDS) to Safety Data Sheet (SDS) to reflect the terminology of the GHS.

c. **Approved Change in Detail:**

(1) **DLMS 841W HWPS transaction**

(a) The procedures for submission, transmission, and documentation of HWPS information associated with turn-in of HM/HW will basically remain in place as currently documented in Reference 3.a. The new requirement is for Component systems generating HM/HW turn-ins to implement the DLMS 841W for HWPS documentation and transmit the information to DLA Disposition Services via Transaction Services. The ultimate objective is to eliminate the use of the legacy GenComm pipe-delimited and corresponding XML schema transaction formats, emails, and other means of communicating HWPS information and migrate to the use of the standard DLMS 841W or its XML equivalent schema transaction formats.

(b) The DLMS 841W uses a hierarchical looping/parent-child structure to streamline the data content associated with an HWPS.

    1. The first loop iteration provides the transaction set recipient address information. All other address information is carried in the Waste Profile Sheet (WPS) loop.

    2. The second loop iteration contains the WPS information.

    3. Use an additional loop iteration to identify the Chemical Composition Subsection as a child of the WPS loop.

    4. Use an additional loop iteration to identify the Environmental Protection Agency (EPA) Waste Number Subsection as a child of the WPS loop.

(c) When transmitting multiple HWPS in a single DLMS 841W, use additional loops as needed to preserve the parent child relationship ensuring that the Chemical Composition and EPA Waste Number Subsections are aligned with the applicable WPS loops.

(d) See Enclosure 1 for graphic displays showing the relationship of the GenComm standard to the DLMS 841W.

(2) DLMS 856W HM/HW Shipment Status transaction

(a) While ADC 416 and ADC 422 both provided temporary mapping of the required DTID data content to a DLMS 856S, this DLMS change establishes a unique DLMS IC for shipment status specifically associated with HM/HW turn-ins to DLA Disposition Services. Due to the unique data content and special business processing associated with this type of turn-in, a separate IC is warranted. This new IC, the DLMS 856W, will function similarly to the DLMS 856S/MILSTRIP legacy DIC AS3, such as establishing a due-in record for the DLA Disposition Services Field Office, intransit visibility, and intransit control system reporting.

(b) The DLMS 856W also uses a hierarchical looping structure to streamline the data content associated with a HM/HW turn-in shipment.

    1. The first loop iteration provides the transaction originator and recipient address information.

    2. The second loop iteration contains the DTID record information.

    3. Use an additional loop iteration to identify the DTID container record as a child of the DTID record loop, as applicable.

    4. Use an additional loop iteration to identify the EPA waste code record as a child of the DTID record loop, as applicable.

    5. Use an additional loop iteration to identify the state waste code record as a child of the DTID record loop, as applicable.

    6. Use an additional loop iteration to identify the financial information in support of the Single Line of Accounting (SLOA)/Accounting Classification requirements as a child of the DTID record loop.

(c) See Enclosure 1 for graphic displays showing the relationship of the GenComm standard to the DLMS 856W.

(d) To ensure consistency of providing shipment status information to DOD enterprise visibility systems, such as USTRANSCOM's Integrated Data Environment Global Transportation Network Convergence (IGC), and for ease of integrating the handshake and in-process status reporting transactions slated for future DLMS changes, the 856W IC will only support one document number (DTID) per transaction. If the shipment contains multiple DTIDs, a separate 856W should be generated for each of the DTIDs being turned in; for example, if the shipment contains three DTIDs, there will be three separate 856W transactions, one for each DTID. This ensures clarity when the Field Office acknowledges receipt of the turn-in and provides processing status of the turn-in.

(e) When generating activities transition from the GenComm Standard flat file format to the DLMS 856W for transmission of DTID record data, the following data elements should be included in the 856W.

1. The Contact Name and the commercial telephone number information will be carried in the PER segment. As an authorized DLMS enhancement, fields for the DSN phone number and the email address will be included in the DLMS 856W.

2. The Transportation Control Number (TCN) must be included. It must be constructed in accordance with the TCN construction business rules cited in the Defense Transportation Regulation (see Reference 3.d.).

3. The distribution code must be included and must cite Distribution Code 9 indicating DLA Disposition Services.

4. For HM/HW that is released to a commercial carrier for shipment to a DLA Disposition Services Field Office, include the ship-to DoDAAC of the DLA Disposition Services Field Office, ship date, transportation mode code, the Standard Carrier Alpha Code and the secondary transportation tracking numbers that apply to the shipment.

5. For HM/HW shipments that are receipted in place, cite Shipment Hold Code R to indicate that the shipment is DLA Disposition Services receipt-in-place property held pending disposition and shipping instructions.

6. For shipments to a DLA Disposition Services Field Office that qualify for in transit control procedures (e.g., the shipped materiel line item value is $800 or more or the item is recorded as pilferable/sensitive), the tracking indicator will be set to Y in the REF segment of the 856W.

(f) While the 856W functions similarly to that of the 856S/MILSTRIP legacy DIC AS3, there will be no mapping of the DLMS 856W into a DIC AS3. There will, however, be a mapping of the 856W from the DTID section of the GenComm Standard v5.0.

(g) Upon transmission of either the GenComm Standard DTID section or the 856W transaction, the Services should understand these transactions will be recognized as the equivalent of the legacy MILSTRIP AS3 for purposes of Intransit Control System (ICS) monitoring. The DLMS 856S/legacy DIC AS3 should not be transmitted when the 856W is provided. The DLA Disposition Services ICS Suspense File will also be updated to reflect the required data content (e.g.,

DTID number, NSN/FSC, unit of issue, quantity shipped, and date of shipment) from either the GenComm Standard or 856W transmission.

(h) Per the SLOA requirements defined in ADC 1043 (Reference 3.c.), the DLMS 856W will include the SLOA data elements.

1. Pending implementation of SLOA into generating systems, Transaction Services will use the Fund Code to populate the SLOA based data elements from the SFIS Fund Code to Fund Account Conversion Table and send in the DLMS 856W to the DLA Disposition Services Field Office.

2. Once generating systems implement the DLMS 856W and have implemented SLOA, the system should provide all the appropriate SLOA data elements. Transaction Services will validate the SLOA data elements against the SFIS Fund Code to Fund Account Conversion Table and provide reject transactions for invalid data per the guidance published in ADCs 1043 and as amended by ADC 1043A (References 3.d).

(3) GenComm Standard v5.0 Data Element Updates.

(a) This DLMS change updates several legacy GenComm field names and metadata to align with standard DLMS data element naming standards and metadata requirements (See Enclosure 2 for details of data element updates.)

(b) This DLMS change also deletes the data element Transaction File Format. With the implementation of the DLMS 841W and 856W, versioning of the standard is inherently built into the IC through the X12 Data Segment entitled Transaction Set Header.

(c) Add the new data element Underlying Hazardous Constituent for use in the Chemical Composition loop to distinguish chemicals that are underlying hazardous constituents or are the specific spent solvents that are driving an F-listed waste. The definition is any constituent listed in º268.48, Table UTS - Universal Treatment Standards, except fluoride, selenium, sulfides, vanadium, and zinc, which can reasonably be expected to be present at the point of generation of the hazardous waste at a concentration above the constituent-specific UTS treatment standards. In the DLMS 841W, the chemical composition loop will provide a Yes/No indicator if the chemical is an underlying hazardous constituent.

(4) Legacy RIC+Suffix Code to Site ID/RIC Table Update

(a) Updates to DLA Disposition Service Field Office information are at Enclosure 3.

(b) It is the responsibility of DLA's DSS to maintain the Legacy RIC+Suffix to Site ID crosswalk until such time as the GenComm server is sunset, at which time the Components must start using the actual DLA Field Office RIC (Site ID) as identified in the table. Whenever DSS updates this table, they must notify Transaction Services and the Components of such changes, to ensure that legacy mapping conversions are executed correctly and transactions are routed to the correct Field Office.

(5) DLMS Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide Update

        (a) With the implementation of the DLMS 841W, it is necessary to establish three new DOD unit of measure codes and their corresponding X12 equivalent codes for the following units of measure utilized in the GenComm standard.

- Parts Per Billion (PPB)
- Parts Per Million (PPM)
- Milligrams per Kilogram (MG/KG)

        (b) With the implementation of the DLMS 856W, it is necessary to document the mapping of the legacy GenComm standard units of measure used for disposal weight/volume to the equivalent X12 codes. See table in paragraph 4.b. (1) below for mapping.

- Pound
- Short Ton
- Gallon
- Cubic Yard
- Kilogram
- Metric Ton
- Liter
- Cubic Meter

        (6) Mapping Business Rule for Differentiating Disposition Services Local Stock Number (LSN) from National Item Identification Number (NIIN) in GenComm Standard. Since the GenComm standard uses a dual purpose field for materiel identification of HM/HW (e.g., LSN/NIIN), the Transaction Services map and Component systems generating the DLMS 856W will need to apply the following logic to ensure proper identification of the type of materiel identification in the LIN segment.

        (a) If the Federal Supply Class field contains a valid four character value and the first position of the NIIN value equals "0", then LIN04=FS, and the value conveyed in the LIN05 will be the concatenation of the Federal Supply Class and NIIN values, representing the National Stock Number (NSN).

        (b) Else, if the Federal Supply Class field is blank and the first position of the NIIN value equals "0", then LIN04=NN, and the value of the NIIN is conveyed in the LIN05.

        (c) Else, if the first two positions of the NIIN equal "DS", then LIN04=SW, and the value of the LSN is conveyed in the LIN05.

        (d) Else, LIN04=ZZ to indicate that the value is not recognized as either a valid NIIN or Disposition Services LSN, and the value is conveyed in the LIN05.

(7) Source code list for Data Element "Type Operation". The National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report (http://www.epa.gov/epawaste/inforesources/data/biennialreport/) issued under the authority of the United States Environmental Protection Agency Instruction 3700.13 contains a listing of codes and/or equivalent narrative that describe the nature of the regulated waste activity occurring at the site. This is equivalent to Item 10 of the Site Identification Form (EPA Form 8700-13A/B).

(8) Mapping Conversion of Hazardous Waste/Material Code to X12 Disposition Services Indicator (refer to the following table)

> **(a)** Add two new legacy GenComm codes: "S - Scrap Property" and "P - Special Services Requests"

> **(b)** Update the definition for legacy GenComm code "N - useable" to read "N - Useable Property."

> **(c)** Identify conversion mapping of legacy GenComm codes for Hazardous Waste/Material Code to the DLMS equivalent Disposition Services Indicator to be passed in the LQ02 when LQ01=DSI.

GenComm Hazardous Waste/Material Code	(DLMS) Disposition Services Indicator Code	Name
M	HM	Hazardous Material
N	*US*	Useable *Property*
P	*SS*	*Special Services Request*
S	*SC*	*Scrap Property*
W	HW	Hazardous *and Non-Regulated* Waste

(9) Mapping Conversion of Department of Transportation Unit of Issue to X12 Unit of Measure

> **(a)** The Department of Transportation (DoT) has its own unit of issue designations for HM/HW. In some cases, the level of granularity in X12 is not sufficient to uniquely identify the DoT Unit of Issue; in those cases, a composite set of measures from the MEA04 and MEA09 will be used to make the identification unique.

(b) See the table below for the DoT to X12 Unit of Issue Conversion used in the HWPS.

Unit of Issue Name Description	DoT UoI	X12 UoM (MEA04)	X12 UoM (MEA09)
Fiber or Plastic Box, Carton, Case	CF	BX	SD
Metal Box, Carton, Case	CM	BX	SE
Wood Box, Carton, Case	CW	BX	SF
Fiberboard or Plastic Drum, Barrel, Keg	DF	BR	SD
Metal Drum, Barrel, Keg	DM	BR	SE
Wooden Drum, Barrel, Keg	DW	BR	SF
Car	HG	NC	---
Tank Car	TC	1P	---
Cylinder	CY	CL	---
Tank	TP	TK	---
Tank Truck	TT	19	---

d. <u>Revisions to DLM 4000.25 Manuals:</u>

    (1) Add new DLMS 841W IC. See Enclosure 4.

    (2) Add new DLMS 856W IC. See Enclosure 5.

    (3) Update DLM 4000.25 Volume 1, Appendix 4, Paragraph AP4.1, codes *8, **8, and *8* DLMS Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide to add Parts Per Million, Parts Per Billion, and Milligrams per Kilogram per the table below.

UoM Name Description	ASC X12 UoM (Data Element 355)	DOD UoM Code	Remarks
Parts Per Million	*59*	*59*	*GenComm equivalent is PPM*
Parts Per Billion	*61*	*61*	*GenComm equivalent is PPB*
Cubic Meter	CR	CZ	*GenComm equivalent is C*
Cubic Yard	CY	CD	*GenComm equivalent is Y*
Gallon	GA	GL	*GenComm equivalent is G*
Kilogram	KG	KG	*GenComm equivalent is K*
Pound	LB	LB	*GenComm equivalent is P*
Liter	LT	LI	*GenComm equivalent is L*
Metric Ton	MP	M6	*GenComm equivalent is M*
Milligrams per Kilogram	*NA*	*NA*	*GenComm equivalent is MG/KG*
Short Ton	NS	NS	*GenComm equivalent is T*

(4) Update DLM 4000.25 Volume 1, Appendix 3 to remove "MSDS" and add "SDS"

~~MSDS~~   ~~Material Safety Data Sheet~~

SDS   *Safety Data Sheet*

(5) Update DLM 4000.25 Volume 2, Chapter 16. See Enclosure 6.

(6) Update DLM 4000.25 Volume 2, Chapter 17 as follows:

C17.3.9.1.1. H3 – Lack of a ~~material~~ safety data sheet (~~M~~SDS) in Hazardous Material Information Resource System (HMIRS).

C17.3.13.2.2. Expedited processing is required for transhipper prepared SDRs requiring positive action from the action activity (e.g., preparation of ~~M~~SDS or verification of label/marking information. Where forward movement of the shipment is delayed pending a response as indicated by Action Code 3A, the response time will not exceed 5 calendar days.

(7) Update DLM 4000.25 Volume 2, Appendix 7 to add new Appendix 7.29, Hazardous Waste/Material Code. See Enclosure 7.

e. Approved Transaction Flow: Generating systems will transmit the DLMS 841W and 856W to Transaction Services, which will route to DLA's Distribution Standard System (DSS) for processing by the applicable DLA Disposition Services Field Office as designated in the transaction.

f. Alternatives: With the sunset of the GenComm server and the requirement for systems to be DLMS compliant, there are no other alternatives to the generation/transmission of this required data for HM/HW turn-ins to DLA Disposition Services.

5. REASON FOR CHANGE: Implement a fully DLMS compliant solution for the HWPS and HM/HW shipment status for HM/HW turn-ins to DLA Disposition Services. The GenComm server will be sunset and all communications must go through Transaction Services for proper routing to the DLA Disposition Services Field Office, using DSS. The DLMS 996H developed under ADC 416 was a temporary solution to give the Components time to modernize their systems to be able to accommodate a fully DLMS compliant solution and to implement a connection with Transaction Services.

6. ADVANTAGES AND DISADVANTAGES:

a. Advantages: The DLMS 841W solution implements a comparable capability to what was resident in the legacy GenComm version 5.0 format that allowed looping of multiple HWPS. The DLMS 856W solution implements a DLMS-compliant solution for providing shipment status for all shipments, to include HM/HW turn-ins.

b. Disadvantages: Requires systems changes to DLA's DSS and Component generating systems to provide the new DLMS transactions.

7. ADDITIONAL COMMENTS TO CONSIDER: Components should coordinate with DLA Disposition Services when they are ready to implement this DLMS Change with a direct interface to Transaction Services, bypassing the GenComm Server.

8. ADDITIONAL FUNCTIONAL REQUIREMENTS: This DLMS change is the first of three DLMS changes to migrate the current functionality provided by the GenComm server to standard DLMS transactions using Transaction Services as the routing mechanism.

9. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: Staggered implementation is authorized. DLA's DSS is targeting implementation of these transactions by Fiscal Year 2018-2019; GenComm is targeted for sunset in FY19-20 pending full DLMS implementation by the Services. Component generating systems must complete implementation of this DLMS change by 2019.

Staffing Note (Components): Upon release of this ADC, DoD Components are requested to identify your impacted system(s) and target implementation date.

10. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE: Implementation of this change will enable the shutdown of the GenComm server and leverage existing transaction routing/translation services at Transaction Services.

11. IMPACT:

    a. Updates to DLMS Data Elements:

        (1) DLMSO to submit the following code requests to ASC X12 for approval/addition to the X12 standard. In the interim, the codes will be annotated in the applicable DLMS IC as local codes authorized for implementation. Upon approval by X12, the codes will be updated to migration codes, since the X12 implementation will be in a higher standard than what is currently in use by the logistics community.

            (a) Date Element 128, Reference Identification Qualifier

                1. Add code WPN – Waste Profile Number

            (b) Data Element 735, Hierarchical Level Code

                1. Add code HE – EPA Waste Number Subsection

                2. Add code HP – Waste Profile Sheet

            (c) Data Element 738, Measurement Qualifier

                1. Add code HAL – Total Halogens

                2. Add code PCB – Polychlorinated Biphenyl (PCB)

        (2) Update LOGDRMS Logistics Qualifier Code List DSI to add three new codes and update definitions as indicated in Enclosure 8.

        (3) Update data elements to the DLMS Data Dictionary. See Enclosure 9.

b. Automated Information Systems (AIS):

      (1) DOD Component generating systems of HM/HW turn-ins need to be able to produce the DLMS 841W and 856W. During development, special attention should be paid to the business rules identified in this DLMS change to include the special mapping conversions between legacy GenComm data requirements and X12.

      (2) Integrated Data Environment – Global Transportation Network Convergence (IGC) should treat the DLMS 856W like a normal shipment status transaction for purposes of intransit visibility. There is no functional requirement for IGC to store the DLMS 841W, since the data content does not represent any order fulfillment, turn-in or shipment action.

c. Transaction Services:

      (1) Upon request of Component generating systems implementing this DLMS change, coordinate with them the required agreements and security protocols to enable connection to Transaction Services for purposes of transacting the DLMS 841W and 856W. Future DLMS changes will document additional transactions to be sent to generating systems.

      (2) If the Component generating system transmits the legacy GenComm pipe-delimited file, use the map at Enclosure 10 to convert the file to the equivalent DLMS 841W transaction and/or DLMS 856W transactions for further routing to DLA's DSS. To effect this mapping, Transaction Services will need to cycle through the GenComm pipe-delimited file twice – once for the DLMS 841W and once for the DLMS 856W. Both DLMS transactions share the same header file record. The distribution code in the 856W will cite "9" to indicate DLA Disposition Services.

      (3) Mapping Business Rule for Differentiating Disposition Services Local Stock Number (LSN) from National Item Identification Number (NIIN) in GenComm Standard. See paragraph 4.a. (6) for details.

      (4) Mapping Conversion of Hazardous Waste/Material Code to X12 Disposition Services Indicator. See paragraph 4.a. (8) for details.

      (5) Mapping Conversion of Department of Transportation Unit of Issue to X12 Unit of Measure. See paragraph 4.a. (9) for details.

      (6) There are no MILSTRIP legacy DIC equivalents for the DLMS 841W and 856W. While the DLMS 856W acts similarly to the DIC AS3, the data content is significantly enhanced to more closely align it with the GenComm Standard Version 5.0 flat file format, as amended by this DLMS change.

      (7) Modify transaction processing such that 856W HM/HW Shipment Status information can be readily queried in both the LDG and WEBVLIPS. This is a companion requirement to the 527R Turn-In Receipt Acknowledgement (TRA) requirement documented under ADC 1111 (Reference 3.e.). The advantage of using WEBVLIPS for queries is its simplicity and ease of use. However, more complex queries are needed to support Audit Readiness requirements for the turn-in activities; additionally, access to data more than six months old may be needed. To fulfill this additional need, predefined LDG scripts on the full history in LDG are required as indicated below. Sophisticated users can access those LDG queries directly in LDG; others should be able to initiate

those queries from WEBVLIPS (due to its ease of use), but leverage the LDG history to return the results.

(a) Inquire by document number and return the HM/HW Shipment Status associated with it.

(b) Inquire by document number and return the entire history, to include the TRA and HM/HW shipment status information.

(c) Inquire by Ship-From DoDAAC and return all the HM/HW Shipment Status transactions sent by that DoDAAC for specified timeframe.

(d) Inquire by Ship-From DoDAAC and return all the entire history, to include the TRA and HM/HW shipment status information for specified timeframe.

d. **Non-DLM 4000.25 Series Publications:** Components should update local procedures as necessary to align with this DLMS change. DLA Disposition Services should update internal procedures, DoD 4160.21-M Defense Materiel Disposition Manual, and other guidance as applicable.

e. **DLMS Training:**

(1) Module 3, Slide 26 (DLMS Functionality)

(a) Delete "996H" from list of DLMS Implementation Conventions for Disposition Services.

(b) Add "841W" and "856W" to the Disposition Services category

(2) Supplemental Training Material (DLMS Implementation Convention Table) – Update the table as shown below. Additions are denoted by *red, bold, italics*; deletions are denoted by a ~~double strikethrough~~.

No.	Title	Comparable Legacy Format	Functional Area
841W	*Hazardous Material/ Hazardous Waste Profile*	*GENCOMM 5.0.0*	*Disposition Services*
856W	*Hazardous Material/ Hazardous Waste Shipment Status*	*GENCOMM 5.0.0*	*Disposition Services*
~~996H~~	~~Hazardous Materiel/Hazardous Waste Profile~~	~~GENCOMM 5.0.0~~	~~Disposition Services~~

f. PDC 1131 Staffing/Comment Resolution

	Originator	Response/Comment	Disposition
1.	Army	No response.	
2.	DLMSO (4/1/2015) (11/24/2015)	Concur with comment. - Fix 856W @ SN103 (delete "All valid codes are available for use.") - Clarify procedures to state that the Services should understand 856W transactions will be recognized as the equivalent of the legacy MILSTRIP DIC AS3 for purposes of ICS monitoring and that the DLMS 856S/legacy DIC AS3 should not be transmitted when the 856W is provided. Remove the DLMS note specifying inclusion of the legacy DIC AS3 in the 856W IC.	Noted. - Updated 856W at 2/SN103/0300 to delete the sentence "All valid standard codes are used." - Changes coordinated with DLA Disposition Services and the IC has been updated.
3.	US TRANSCOM (4/7/2015)	Concur without comment.	Noted.
4.	Marine Corps (4/27/2015)	Concur without comment.	Noted.

	Originator	Response/Comment	Disposition
5.	DLA (9/28/2015)	Concur with comment. 1. Fix enclosure 10, page 1 (Approach) to change 842W to 841W. 2. Add Federal Register, Volume 77, No.58, and Monday, March 26, 2012 as a reference, along with changing Material Safety Data Sheet (MSDS) to Safety Data Sheet (SDS) throughout the DLMS change. 3. Delete the legacy GenComm data element Transaction File Format. With the implementation of the DLMS, the requirement for this data element is obsolete with the inherent versioning capability in the DLMS 841W and 856W. 4. Update the Disposition Services Indicator Code for Special Services Request and Scrap Property to be SS and SC, respectively. 5. Update implementation for DLA to Fiscal Year 2018-2019. GenComm server is targeted for sunset in FY-19-20 pending full DLMS implementation by the Services. 6. Update the GenComm data element flat file format and associated metadata as reflected in DLA's feedback to enclosure 2. 7. Update the DLMS Data dictionary with definitions and metadata for all of the new GenComm-related data elements.	Noted. 1. Updated. 2. Updated paragraphs 4.b.(5), 4.d.(4), 4.d.(6), enclosure 6 (DLM 4000.25 Chapter 16). 3. Updated paragraphs 4.c.(3)(b), enclosure 2, enclosure 3 (deleted SPI segment at 1/SPI/0200), enclosure 4 (deleted 2/REF01/1500 Code FB), enclosure 10. 4. Updated paragraph 4.c.(8)(c), enclosure 4 (updated DLMS note for 2/LQ01/3500 Code DSI), enclosure 7 (DLM 4000.25 Volume 2 Appendix 7.29), enclosure 8 (LOGDRMS Qualifier DSI 5. Updated paragraph 9. 6. Updated enclosures 2 and 10. 7. Updated enclosure 9.

ADC 1131, Attachment
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|	Originator	Response/Comment	Disposition
6.	Navy (5/8/2015)	Concur with comment. 1. RSupply - This change, if approved, would require a major change to RSupply. PMW-150 would have the final determination on the disposition of the change subject to approval. Currently the only DLMS transaction in use in RSupply is the 856S Shipping Status; this change would require adding the 856W HM/HW Shipping Status at a minimum. If these transactions become mandatory for turn-ins to DLA Disposition Services it would be prudent to make this change. But due to budget and other constraints, I feel care should be taken when making future changes to ensure that they are both required and correct to avoid having to spend valuable resources to make changes that are not mandatory when these resources may be better spent making the same functionality available in the follow-on system for RSupply. 2. NAVFAC--This PDC would have a significant impact on NAVFAC business processes, as they currently utilize paper/e-mail/GenComm flat files vice the 841W and 856W transactions outlined in the PDC. NAVFAC will need to adopt these file formats and also establish an interface with DAAS. Meetings are ongoing with NAVFAC to better understand how this PDC would affect the process of utilizing a DLA contractor to dispose of hazardous material. NAVFAC is developing an integrated enterprise solution in the FY18-19 timeframe, and the new requirements could possibly be incorporated into this system. NAVFAC has concerns with staffing/funding changes required to implement this PDC (which represent an unfunded DoD requirement). 3. As outlined in #1 and #2 above, major system changes are required to implement this PDC. We anticipate a timeline of at least five years to accomplish these changes and need additional time to develop a definitive implementation schedule. Further meetings with the functional community will allow us to pinpoint a more exact implementation date.	1. Noted. This change is mandatory for hazardous material/hazardous waste turn-ins to Disposition Services. Components were advised in ADC 416, Hazardous Material/Hazardous Waste (HM/HW) Profile Transaction, DLMS 996H, in Support of Reutilization Business Integration (RBI), released on October 25, 2011, that the DLMS 996H was an interim solution and that Phase II would require Component modernization to support DLMS in this business process, due to the sunset of the GenComm server. 2. Noted. Per discussions held on April 21, 2015, NAVFAC is developing a new software application, Environmental Enterprise System (EES), to manage hazardous waste turn-in transactions. The current plan is to implement ADC 1131 requirements into EES with a targeted fielding date of FY 2019. 3. Noted. Target implementation date is 2019.

	Originator	Response/Comment	Disposition
7.	Air Force (6/5/2015)	Concur with comment. 1. Need to include a specific identifier in the AP9.4.5. Chemical Composition Record Format to distinguish chemicals that are Underlying Hazardous Constituents or chemical which are the specific spent solvents that are driving an F-listed waste.	1. New data element "Underlying Hazardous Constituent" added to the DLMS 841W. Updated paragraph 4.c.(3)(c), enclosure 2 (chemical composition record format), enclosure 4 (added UHC to the 2/CID04/1700 and 2/CID07/1700), enclosure 9, and enclosure 10.
		2. The criteria should use a combination of Waste Profile Number and Profile Established Date to uniquely identify a new loop of Profile data. When waste profiles are updated with minor changes, or in other words "versioned," it is possible for the same waste number to have different dates that would be applicable to different DTID/Container combinations in the AP9.4.12., DTID Record Format. The approach should clearly relate the combination of Waste Profile Number and Profile Established Date between the DTID/Container information and the Profile information.	**2.** Added the Waste Profile Established Date at 2/DTM01/2000 Code 585 Report in the DLMS 856W. The DLMS note clearly states that it should be entered in the loop where the waste profile sheet number is passed, so that they are passed together.
		3. Min/Max of 1/1 related to some data elements included in PDC 1131, Enclosure 9 don't match the more correct min/max values listed in PDC 1131, Enclosure 10. For example, the min/max of 1/1 related to Color, Density, BTU/LB, etc. are not appropriate. The values in PDC 1131, Enclosure 10 for Color (0/30), Density (0/15), BTU/LB (0/15), etc. are more appropriately correct.	3. DLA updated enclosures 9 and 10 to more closely align together.

|	Originator	Response/Comment	Disposition
8.	Transaction Services (7/28/2015)	Concur with comment. 1. Transaction Services does not agree with putting this data in the existing WEBVLIPS application. For these transactions we have found the same document number is used for a requisition, an excess, and a disposal action. Therefore adding disposition data to the existing table could degrade data integrity needed for other systems. In addition, WEBVLIPS was never developed/designed to hold disposition data. The code and database management has been fine-tuned to keep it fast enough to keep up with customer inquiry. Adding this data would affect the speed of processing and queries used in the application; it would also require more processing resources and more disk space. 2. During a meeting at Transaction Services, we discussed short term/long term ideas to accommodate the requirements identified in this DLMS change. -- Short term could be to band aide LDG or WEBVLIPS to hold the 856W/841W transactions, either of these solutions would take a considerable amount of time. -- Long term could be to create a new querying system that is capable of processing MILS and DLMS traffic.	1. Paragraph 11.c.(7) is updated to remove the requirement to modify WEBVLIPS to process the DLMS 856W transactions for query. Transaction Services agreed to modify LDG to incorporate the DLMS 856W transactions and requested queries when LDG is reengineered to process/accept DLMS transactions. This update successfully adjudicated their initial non-concurrence.

Enclosure 1

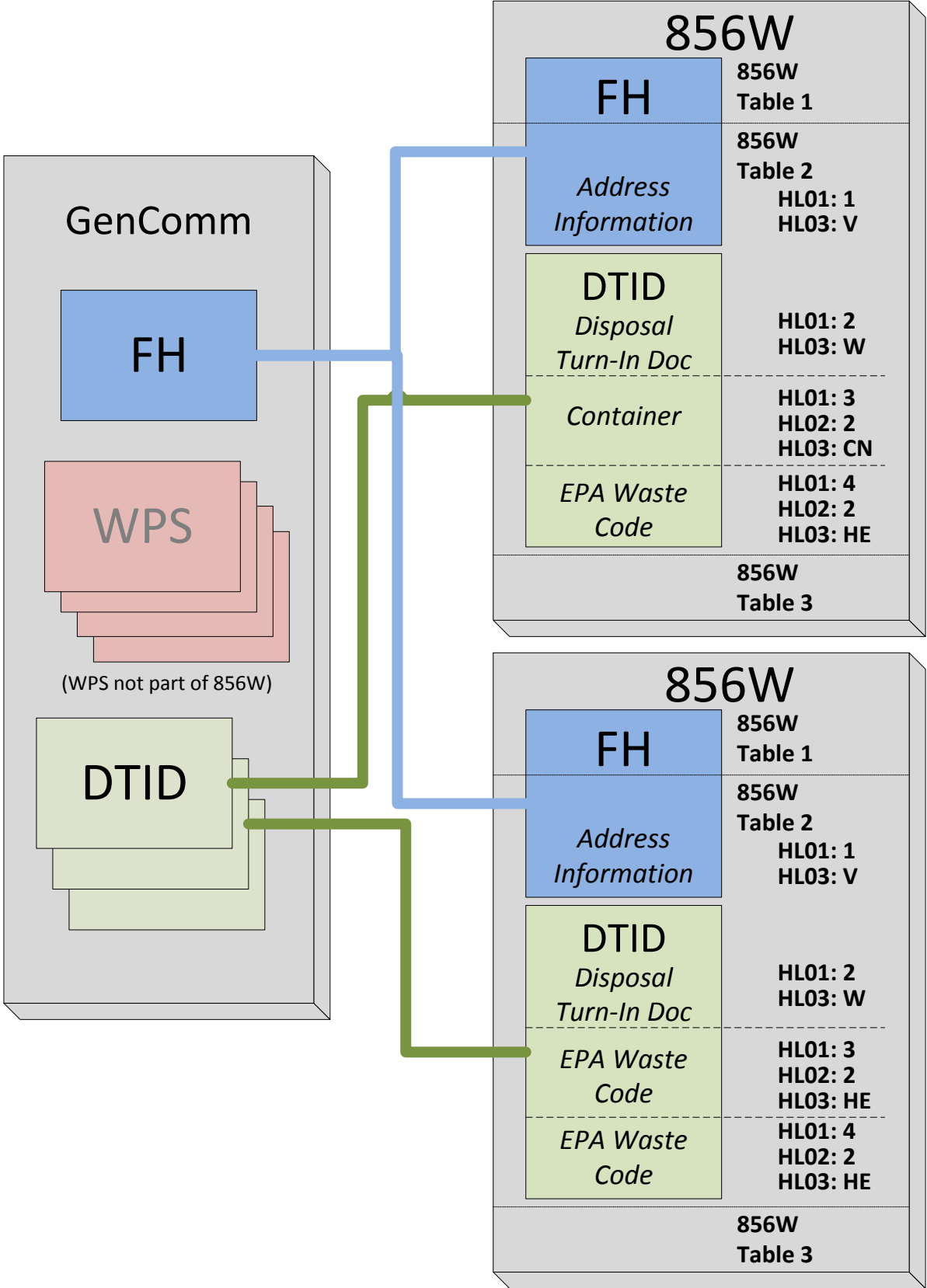**Correlation of Legacy GenComm Standard File to New DLMS Implementation Conventions**

A. GenComm File Header, Waste Profile Sheet, and DTID => DLMS 841W and DLMS 856W
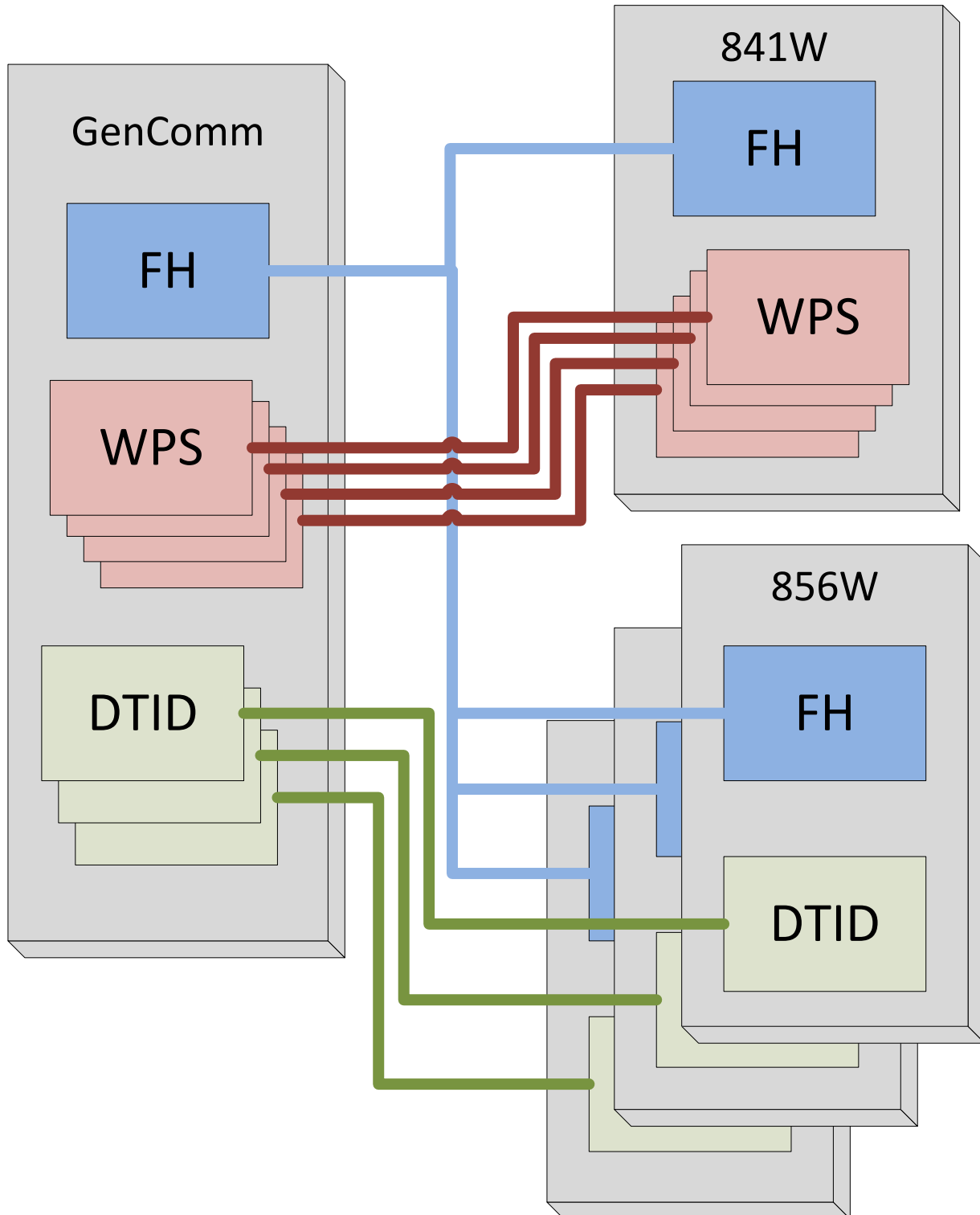
B. GenComm File Header and Waste Profile Sheet => DLMS 841W Table/Looping Structure
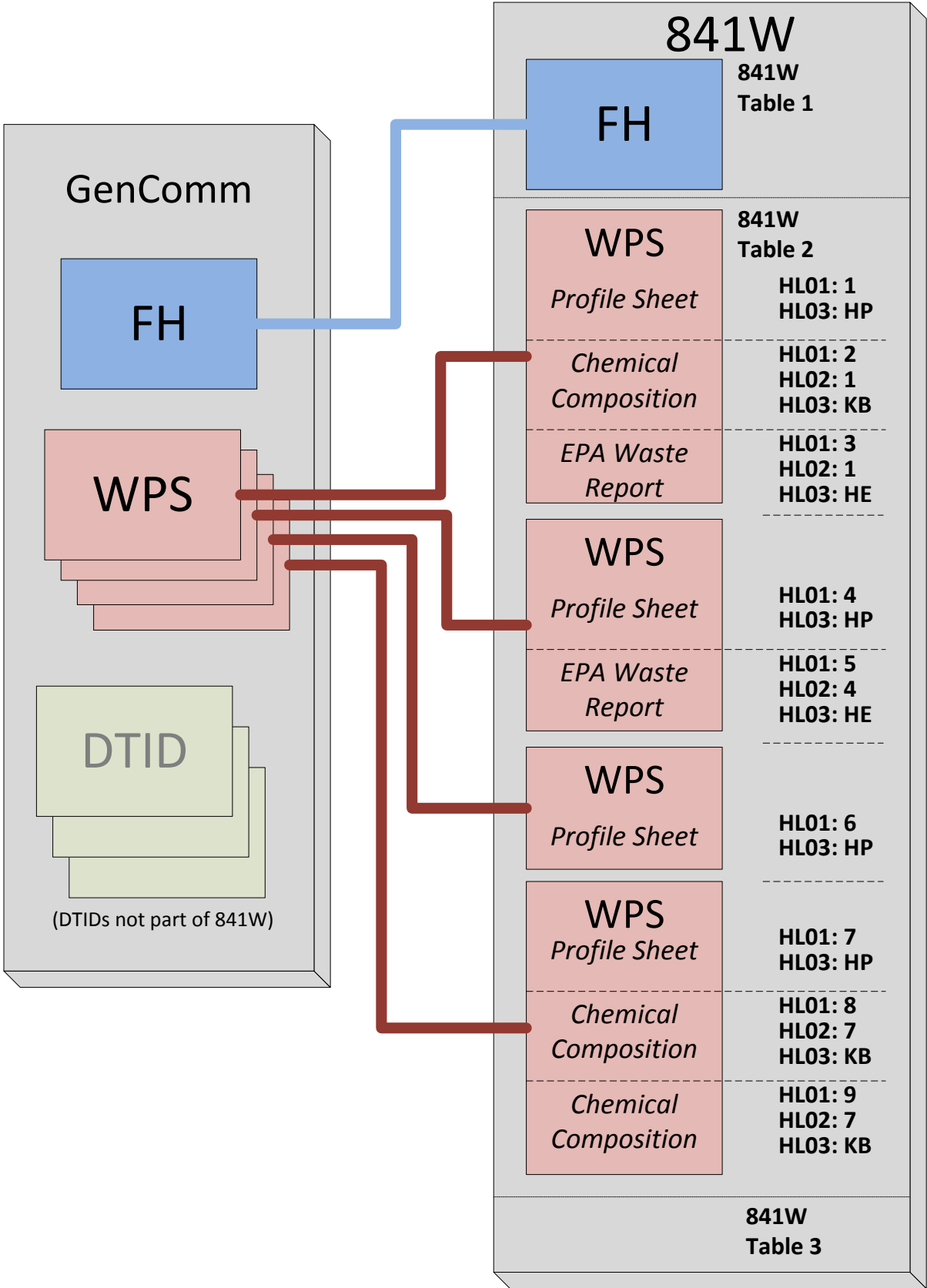
C. GenComm File Header and DTID Record => DLMS 856W Table/Looping Structure

Enclosure 2

DLM 4000.25, Volume 2 Appendix 9

The following field names are updated as indicated. Insertions are identified by *red, bold, italics*. Deletions are identified by ~~double strikethrough~~.

NOTE: ONLY THOSE PARAGRAPHS AND TABLE ROWS WITH CHANGES ARE SHOWN BELOW.

AP9.4.1 File Header Format

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style
M	*Generator's File Transfer* DoDAAC	A/N	6	6	The Generator DoDAAC (e.g., FB2020)
M	*Transaction* Date	N	7	7	Julian date the file was created (e.g., 1994332)
M	*Transaction* Time	N	4	4	In the format HHMM
~~M~~	~~*Transaction File* Form~~*at* ~~Version~~	~~A/N~~	~~5~~	~~4~~	~~DLA Disposition Services File Format version Number (will currently be 5.0.0)~~
M	DLA Disposition Services *Site ID (RCCC)* ~~Office DRMO RIC~~	A/N	4	3	DLA Disposition Services *Site ID* ~~Filed Office RIC and Suffix~~
O ~~M~~	*Generator's Software Release* ~~Form~~ Version *Number*	A/N	~~V~~ *50*	1	Generator Software Release Version Number

AP9.4.3. WPS Record Format.

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style	DRMS 1930 Block # Correlating Data Elements
M	Facility Add***res***s Line 1	A/N	30	3		Part 1 – A-2
O	Facility Add***res***s Line 2	A/N	30	0		Part 1 – A-2
M	Facility Add***res***s Line 3	A/N	30	2	City & State	Part 1 – A-2
M	Facility ZIP C*od*e ~~Line 4~~	A/N	10	5	NNNNN-NNNN	Part 1 – A-3
M	Technical Contact *Name*	A/N	30	2		Part 1 – A-6
O	Technical *Contact* Title	A/N	30	0		Part 1 – A-7
M	Technical *Contact* Phone	A/N	21	4	XXX(NNN)NNN-NNNNxNNNN	Part 1 – A-8
O	*Waste* Profile Established Date	N	7	0	Julian YYYYDDD	

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style	DRMS 1930 Block # Correlating Data Elements
O	Land Disposal Restrictions *Indicator*	A	1	0	Y/N	Part 1 – B-7-A
O	Exemption Granted *Indicator*	A	1	0	Y/N	Part 1 – B-7-B
O	Meets Treatment Standards *Indicator*	A	1	0	Y/N	Part 1 – B-7-C
O	Density	~~A~~/N	~~3.3~~15	0	~~NNN.NNN~~	Part 2 – 1-2
O	BTU/LB	~~A~~/N	~~10~~15	0	~~NNNNNNNNNN~~	Part 2 – 1-3
O	Total Solids	~~A~~/N	~~3.2~~15	0	~~This will contain a percent.~~	Part 2 – 1-5
O	Ash Content	~~A~~/N	~~3.2~~15	0	~~This will contain a percent.~~	Part 2 – 1-4
O	Treatment Group	A	1	0	~~W,N~~ W=Wastewater, N=Nonwastewater	
O	Ignitable *Indicator* (~~D001~~)	A	1	0	Y/N	Part 2 – 2
O	Flash Point (*Degrees F*ahrenheit*)	A/N	9	0		Part 2 – 2
O	High T*OC* (> 10 %) *Indicator*	A	1	0	Y/N	Part 2 – 2
O	Low T*OC* (< 10 %) *Indicator*	A	1	0	Y/N	Part 2 – 2
O	Reactive *Indicator* (~~D003~~)	A	1	0	Y/N	Part 2 – 2
O	Water Reactive *Indicator*	A	1	0	Y/N	Part 2 – 2
O	Cyanide Reactive *Indicator*	A	1	0	Y/N	Part 2 – 2
O	Sulfide Reactive *Indicator*	A	1	0	Y/N	Part 2 – 2
O	Corrosive *Indicator* (~~D002~~)	A	1	0	Y/N	Part 2 – 2
O	Toxicity Characteristic *Indicator*	A	1	0	Y/N	Part 2 – 2
O	Corrodes Steel *Indicator*	A	1	0	Y/N	
O	Copper Quantity	N	~~Y~~20	0		
O	Copper Units	A/N	~~3~~5	0		
O	Phenolics Quantity	N	~~Y~~20	0		
O	Phenolics Units	A/N	~~3~~5	0		
O	Nickel Quantity	N	~~Y~~20	0		
O	Nickel Units	A/N	~~3~~5	0		
O	Total Halogens Quantity	N	~~Y~~20	0		
O	Halogens Units	A/N	~~3~~5	0		

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style	DRMS 1930 Block # Correlating Data Elements
O	Zinc Quantity	N	¥*20*	0		
O	Zinc Units	A/N	3*5*	0		
O	Volatile Organics Qty	N	¥*20*	0		
O	Volatile Organics Units	A/N	3*5*	0		
O	Chromium Hex Quantity	N	¥*20*	0		
O	Chromium Units	A/N	3*5*	0		
O	PCB Quantity	N	¥*20*	0		
O	PCB Units	A/N	3*5*	0		
O	(Other) *Chemical Component* Description	A/N	30	0		
O	Other *Chemical Component* Quantity	N	¥*20*	0		
O	Other *Chemical Component* Units	A/N	3*5*	0		
O	Proper Shipping Name	A/N	120*200*	0		Part 2-4
O	*Packing Type* ~~Method of Shipment~~	A/N	30	0	BULK, DRUM or OTHER (Describe)	Part 2-4
O	DoT Reportable Q*uanti*ty ~~(RQ)~~	N	5	0		Part 2-4
O	Emerg*ency* Resp*onse* Guide Page N*umber*	N	4	0		Part 2-4
O	Edition (YR)	N	4	0		
O	Special Handling Info*rmation*	A/N	90	0		Part 2-5
O	Add*itiona*l RCRA Requirements	A/N	255	0		Part 2-6

AP9.4.5. Chemical Composition Record Format.

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style	DRMS 1930 Block # Correlating Data Elements
M	Chemical Concentration	A/N	~~10~~ *30*	1		Part 2-3
M	CAS *Identifier* ~~Number~~	A/N	11	2	Chemical Abstract Service Number	Part 2-3
M	*Underlying Hazardous Constituent*	*A/N*	*1*	*1*	*Y for Yes; N for No; or Blank*	

AP9.4.8. EPA Waste Number Record Format.

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style
~~M~~	~~*Concentration* Range~~	~~N~~	~~20~~ *30*	~~2~~	~~Range of concentration~~
M	EPA Units	A/N	5	2	

AP9.4.12. DTID Record Format.

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style
M	NIIN/Local Stock Number	A/N	9	~~5~~ *9*	
M	*Issued* Quantity	N	~~5~~ *7*	1	
O	Disposal Authority C*od*e	A	1	0	M=Approved, N=Not Reqd., R=Auth. Received
M	Hazardous Waste/Mat*erial* Code	A	1	1	"W" for hazardous and non-regulated waste, "M" for hazardous material, and "N" for ~~all other~~ *useable* property, *"P" for Special Services request, and "S" for scrap property* turn-ins to DLA Disposition Services Field Office
M	*Issue* Unit Price	N	5.2	1	NNNNN.NN (Acquisition Unit Price)
M	Demi*litarization* Code	A	1	1	
O	Waste Profile Sheet N*umber*	A/N	20	~~0~~ *5*	
O	*Disposal* Total *Weight/Volume*	N	6	0	

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style
O	*Disposal Total Weight/Volume Unit* ~~Code~~	A	1	0	P= Pounds, T= Short Tons (2000 LB), G= Gallons, Y= Cubic Yards, K= Kilograms, M= Tonnes (1000KG), L= Litres, C= Cubic Meters
O	Org*anization* Code	A/N	6	0	
O	Building	A/N	6	0	
O	Type Operation	A/***N***	60	0	i.e. Motor Pool, Spill Residue, Degreasing etc.
O	Waste Description *L*ine 1	A/N	60	0	
O	Waste Description *L*ine 2	A/N	60	0	
O	Waste Description *L*ine 3	A/N	60	0	
O	Waste Description *L*ine 4	A/N	60	0	
O	Contract Number	A/N	13	0	
O	~~CLIN~~/HIN	A/N	6	~~0~~*6*	
M	Total Disposal Cost	N*2*	5.2	4	NNNNN.NN

AP9.4.14. DTID Container Record Format.

M/O	Field Name	A, N, or A/N	Field Length	Min. Field Length	Example, Format, or Style
M	Container Number	A/N	15	~~4~~*1*	Alias "Drum Number"
O	Storage Location Code	A/N	~~9~~*16*	0	Location within the building
O	Container *Weight/Volume*	N	6	0	

Enclosure 3

DLA Disposition Service Field Office RIC+Suffix to Site ID/RIC

The following activity information for this table is updated as indicated. Insertions are identified by *red, bold, italics*. Deletions are identified by ~~double strikethrough~~. NOTE: Only those activities with changes are shown below.

Legacy DAISY Site Name	DoDAAC	Legacy DAISY RIC+Suffix	RIC	Site Name
Aberdeen	SXC213	STWC	STI	DLA DS Aberdeen
Abu Dhabi	*SG4360*		*SQ7*	*DLA DS Abu Dhabi*
Al Asad	SG4420	SQ5C	SQD	DLA DS Al Asad
Albany	SYB124	SWRA	SWL	DLA DS Albany
Albany DEMIL	*SC4405*		*SV8*	*DLA DS DEMIL Albany*
Alpha	SGC050	SQEC	SQI	DLA DS Alpha
Anaconda	SG4410	SQ5B	SU0	DLA DS Anaconda
Anchorage	SZ362D	SZVA	SZV	DLA DS Anchorage
Anniston	SY2054	SWEZ	SWE	DLA DS Anniston
Anniston ~~CDC~~ *DEMIL*	SYD184	SWED	SW9	DLA DS *DEMIL* Anniston ~~CDC~~
Arifjan	SG4310	SQ6A	SQ6	DLA DS Kuwait
Aviano	SGP180	SQUP	SQJ	DLA DS Aviano
Baghdad (Sather)	*SG4490*		*SQ5*	*DLA DS Baghdad Sather*
Bagram	SG4450	SQ5D	SUI	DLA DS Bagram
Bahrain	SG4330	SQ6B	SQH	DLA DS Bahrain
Barstow	SZ3129	SYMA	SYM	DLA DS Barstow
Benning	SY2124	SWMR	SWM	DLA DS Benning
Bliss	SZB037	SZSC	SZ0	DLA DS Bliss
Bragg	SY2714	SZ9A	SZ9	DLA DS Bragg
Buchanan (Puerto Rico)	SY2652	SXGR	SXC	DLA DS ~~Buchanan~~ *Puerto Rico*
Camp Victory	SG4430	SQ5F	SUK	DLA DS Camp Victory
Campbell	SYE434	SXVA/SXVR	SXV	DLA DS Campbell
Cannon	SZB047	SZAC	SXX	DLA DS Cannon
Cape Canaveral	SY2354	SXGS	SXE	DLA DS Cape Canaveral *(Cherry Point)*
Cherry Point	SY2724	SZYA	SZX	DLA DS Cherry Point
Colorado Springs	SZ3038	SYCA	SYP	DLA DS Colorado Springs
Columbus	SX1465	SVXA	SVX	DLA DS Columbus
Columbus CPC	SXV465	SVXV	SV2	DLA DS Columbus CPC

Legacy DAISY Site Name	DoDAAC	Legacy DAISY RIC+Suffix	RIC	Site Name
Columbus Government Liquidation	*UY0020*		*SS7*	*DLA GL Columbus*
Columbus LTS	SXH465	SVXH	SV3	DLA DS Columbus LTS
Corpus Christi	SZ3637	SY6C	SYE	DLA DS Corpus Christi
Crane	SX1395	SVQR	SVQ	DLA DS Crane
Crane CDC	SXE395	SVQE	SV4	DLA DS Crane ~~CDC~~ *DEMIL*
DEMAN Site	SYG054	SWEG	S80	~~#N/A~~ *DLA DS Tampa DEMAN*
Djibouti	SG4370	SQ6F	SQ0	DLA DS Djibouti
Drum	SXD102	SVED	SVI	DLA DS Drum
Duluth	SXD455	SVKD	SV5	DLA DS Duluth
Dyess	SZC557	SZ7C	SZB	DLA DS Dyess
Eglin	SYE364	SXGF/SZ1A	SZ1	DLA DS Eglin
Ellsworth	SZ3108	SYKR	SYI, *SYK*	DLA DS Ellsworth
Emirates	SG4360	SQ6E	SQ7	DLA DS Emirates
Fairbanks	SZ363D	SZVF	SZJ	DLA DS Fairbanks
Fairchild	SZD380	SZPD	SZK	DLA DS Fairchild
~~Forest Park~~	~~SYF164~~	~~SWRF~~	~~SWO~~	~~DLA DS Forest Park~~
Germersheim	SGG110	SQGG	SQK	DLA DS Germersheim
Gordon	SYG164	SWRG	SZH	DLA DS Gordon
Grafenwoehr	SGG120	SQGD	SQO	DLA DS Grafenwoehr
Great Falls	SZ3718	SZ6A	SZ6	DLA DS Great Falls
Great Lakes	SXG345	SVKG	SV6	DLA DS Great Lakes
Groton	SXG041	STHG	SXZ	DLA DS Groton
Guam	SH520C	SSBA	SSB	DLA DS Guam
Hawaii	SH510C	SSAA	SSA	DLA DS Pearl Harbor
Hill	SZ3028	SYBA	SYB, *SYC*	DLA DS Hill
Holloman	SZ3037	SZAR	SZA	DLA DS Holloman
Hood	SZ3557	SZ7R	SZ7	DLA DS Hood
Huntsville	SYC054	SWEC	SWQ	DLA DS Huntsville
Huntsville CPC	SYV054	SWEV	SWY	DLA DS Huntsville CPC
Incirlik	SG4220	SQYA	SQY	DLA DS Incirlik
Iwakuni	SHE400	SSEE	SS2	DLA DS Iwakuni
Jackson	SYJ194	SZQJ	SZI	DLA DS Jackson
Jacksonville	SY2314	SXGA	SXG	DLA DS Jacksonville
John Pratt	*SG4240*		*SQ4*	*DLA DS Camp Marmal*
Kaiserslautern	SG4070	SQGA	SQG	DLA DS Kaiserslautern

Legacy DAISY Site Name	DoDAAC	Legacy DAISY RIC+Suffix	RIC	Site Name
Kaiserslautern CDC	SGT070	SQGT	SQP	DLA DS Kaiserslautern CDC
Kaiserslautern CPC	SGV070	SQGV	SQQ	DLA DS Kaiserslautern CPC
Kandahar	SG4470	SQ5G	SUL	DLA DS Kandahar
~~Kastel~~	~~SG4050~~	~~SQEA~~	~~SQE~~	~~DLA DS Kastel~~
Keesler	*SY2184*		*S85*	*DLA DS Keesler*
Kirtland	SZ3047	SZAK	*SZL,* SZN	DLA DS Kirtland
Knox	SY2434	SXVK	SXK	DLA DS Knox
Korea (A'PO)	SHK500	SSJK	SSJ	DLA DS ~~Korea~~ *Gimcheon*
Lajes	SGL260	SQ3L	SQ2	DLA DS Lajes
Leatherneck	SG4480	SQ5H	SUM	DLA DS Leatherneck
Lejeune	SYL024	SZQR	SQZ	DLA DS Lej*e*une
Letterkenny	SXX293	SVEX	SVL	DLA DS Letterkenny
Lewis	SZ3380	SZPA	SZP	DLA DS Lewis
Little Rock	SZE407	SZ7L	SZD	DLA DS Little Rock
Livorno	SG4180	SQUA	SQU	DLA DS Livorno
McAlester CDC	SZB487	SY3B	SYL	DLA DS McAlester CDC
Meade	SX1213	STWA	STW	DLA DS Meade
Mechanicsburg	SX1293	SVEA	SVE	DLA DS Susquehanna
Minot	SZ3708	SZ4A	SZ4	DLA DS Minot
Misawa	SHD400	SSED	SS4	DLA DS Misawa
Molesworth	SG4010	SQAA	SQA	DLA DS Molesworth
Naples	SGN180	SQUN	SQR	DLA DS Naples
Nellis	SZN129	SYMN	SYW	DLA DS Nellis
Norfolk	SX1493	ST1A	ST1	DLA DS Norfolk
Norfolk CPC	SXV493	ST1V	SWI	DLA DS Norfolk CPC
Offutt	SZF586	SYKF	SYO	DLA DS Offutt
Okinawa	SH5700	SSTA	SST	DLA DS Okinawa
Oklahoma City	SZ3487	SY3A	SY3	DLA DS Oklahoma City
Oklahoma City Government Liquidation	*UY0021*		*SS8*	*DLA GL Oklahoma*
Oman	*SG4350*		*SSF*	*DLA DS Oman*
~~Pacific CPC~~	~~SHV400~~	~~SSEV~~	~~SS5~~	~~DLA DS Pacific CPC~~
Pendleton	SZP199	SYUP	SYX	DLA DS Pendleton
Pine Bluff	*SZF408*		*SSG*	*DLA DS Pine Bluff*
Polk	SZ3717	SZ3A	SZ3	DLA DS Polk
Port Hueneme	SZ3189	SYTR	SYT	DLA DS Port Hueneme
Portsmouth	SX1081	STHZ	STH	DLA DS Portsmouth-Pease

Legacy DAISY Site Name	DoDAAC	Legacy DAISY RIC+Suffix	RIC	Site Name
Qatar	SG4340	SQ6C	SUN	DLA DS Qatar
RCP	SC4402	S9W*	S9W	*DLA DS Specialty Request*
Richmond	SX1523	ST4A	ST4	DLA DS Richmond
Riley	~~SZR586~~ *SZ3586*	SY4A	SY4	DLA DS Riley
Rock Island	SX1345	SVKR	SVK	DLA DS Rock Island
Rota	SG4260	SQ3A	SQ3	DLA DS Rota
~~Rucker~~	~~SYD124~~	~~SXGD~~	~~SXO~~	~~DLA DS Rucker~~
Sagami	SH5400	SSEA	SSE	DLA DS Sagami
San Antonio	SZ3547	SY6A	SY6	DLA DS San Antonio
San Diego	SZ3199	SYUG	SYU	DLA DS San Diego
Schweinfurt	SGS120	SQGE	SQT	DLA DS Schweinfurt
Scott	SZS535	SVKC	SV7	DLA DS Scott
Selfridge	SXS465	SVXS	SX0	DLA DS Selfridge
Sierra	SZS319	SZCS	SZO	DLA DS Sierra
Sigonella	SGS180	SQUS	SQX	DLA DS Sigonella
Sill	SZ3707	SZ2A	SZ2	DLA DS Sill
Sparta	SX1705	ST8A	ST8	DLA DS Sparta
Speicher	SG4460	SQ5E	SUO	DLA DS Speicher
St Juliens	SXG493	ST1X	SVO	DLA DS St. Juliens Creek
Stewart	SYS164	SWRS	SXY	DLA DS Stewart
Stockton (San Joaquin)	SZ3279	SZCA	SZC	DLA DS ~~Stockton~~ *San Joaquin*
Stockton CPC	SZV319	SZCV	SZU	DLA DS ~~Stockton~~ *San Joaquin* CPC
Tampa	SYT354	SXGT	SXT	DLA DS Tampa
Texarkana	SZ3587	SY5A	SY5	DLA DS Red River *(Texarkana)*
Thailand	SHB700	SSTB	SS6	DLA DS ~~Bangkok~~ *Thailand*
Tobyhanna	SXT303	SVCT	SVC	DLA DS Tobyhanna
Travis	SZH279	SZCH	SVN	DLA DS Travis
Tucson	SZ3419	SZSA	SZS	DLA DS Tucson
Tucson CDC	SZD429	SZSD	SZW	DLA DS Tucson CDC
Twenty-nine Palms	SZD129	SYMD	SYY	DLA DS Twenty-nine Palms
~~Valdosta~~	~~#N/A~~	~~SWRV~~	~~S83~~	~~DLA DS Valdosta~~
Vandenberg	SZF189	SZCF	SVR	DLA DS Vandenberg
Vi*n*cenza	SGV180	SQUV	SUP	DLA DS Vincenza
Warner Robins	SY2164	SWRR	SWR	DLA DS Warner Robins
Whiteman	SZW536	SVKW	S84	DLA DS Whiteman
Wright-Patterson	SXP465	SVXP	SY8	DLA DS Wright-Patterson
Yuma	SZY429	SYUY	SYZ	DLA DS Yuma

Enclosure 4

New DLMS 841W Implementation Convention

DLMS 841W

Hazardous Material/

Hazardous Waste Profile

841

Specifications/Technical Information

Functional Group=SP

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Specifications/Technical Information Transaction Set (841) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit or request specifications or technical information between trading partners. It can be used to transmit engineering change and engineering change requests. It can also be used to allow EDI trading partners the ability to exchange a complete or partial technical description of a product, process, service, etc. over the same path as any other EDI transaction. The detail area can include graphic, text, parametric, tabular, image, spectral, or audio data. A transmission includes identification information to assist the receiver in interpreting and utilizing the information included in the transaction.Further action as a consequence of the receipt and initial processing of the specification or other technical data may or may not require human intervention. The transmission and receipt of the data may require private agreement between the trading partners to automate the receipt of the data.The total transaction must be in the general form of all ASC X12 transactions so that an EDI computer system will be able to automatically recognize it as a Specification/Technical Information Transaction Set and pass it on for processing of the data itself. The transaction set is not media dependent.The detail area of the Specification/Technical Information Transaction Set provides a structure which allows for the exchange of a variety of specification information. For example, if the transaction contains information describing a complete assembly, it would be necessary to include the assembly model, the models for each of the individual parts, and the associated specifications. In the case of a process it may be necessary to transmit the specification of the product along with the specifications of the process and raw materials. This transaction set can also be linked to other transaction sets.This transaction set is not limited to a specific transmission protocol and uses other standards as applicable where they do not conflict with these requirements for specification transaction.

DLMS Note:

1. This 841W, Hazardous Material/Hazardous Waste Profile transaction is intended for use by DLA's Distribution Standard System and Component generating systems supporting Disposition Services processing hazardous material/waste for turn-in/disposal to DLA Disposition Services.

2. This transaction will be used to convey the information described in the Generator Communications (GenComm) Interface Standard Version 5.0.0. See DLM 4000.25, Volume 2, Appendix 9.

3. Users operating under the Defense Logistics Management Standards (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and Transportation Mode of Shipment Conversion Table, which can be found on the Defense Logistics Management Standards Office Web site at www.dla.mil/j-6/dlmso.

4. This entire DLMS Implementation Convention (IC) is considered an authorized DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This transaction should be adopted during, or subsequent, to modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this DLMS transaction does not cause inappropriate rejection of the transaction.

5. This DLMS IC incorporates the Proposed DLMS Change and Approved DLMS Change (ADC) listed. PDC/ADCs are available from the Defense Logistics Management Standards Office Web site: http://www2.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp.

- ADC 1131, New DLMS Implementation Convention (IC) 841W, Hazardous Material/Hazardous Waste (HM/HW) Profile and New DLMS IC 856W, Hazardous Material/Hazardous Waste Shipment Status

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
LOOP ID - SPI					**>1**		
0200	SPI	Specification Identifier	M	1			Must use
* 0300	RDT	Revision Date/Time	O	>1			Not Used
* 0400	NTE	Note/Special Instruction	O	>1			Not Used
* 0500	X1	Export License	O	1			Not Used
* 0600	X2	Import License	O	1			Not Used
* 0700	X7	Customs Information	O	1			Not Used
* 0800	AMT	Monetary Amount	O	>1			Not Used
LOOP ID - REF					**>1**		
0900	REF	Reference Identification	O	1			Used
1000	DTM	Date/Time Reference	O	>1			Used
* 1100	PER	Administrative Communications Contact	O	>1			Not Used

		LOOP ID - N1			**>1**		
	1200	N1	Name	O	1		Used
*	1300	N2	Additional Name Information	O	2		Not Used
*	1400	N3	Address Information	O	2		Not Used
*	1500	N4	Geographic Location	O	>1		Not Used
*	1600	REF	Reference Identification	O	>1		Not Used
*	1700	PER	Administrative Communications Contact	O	>1		Not Used

Detail:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
			LOOP ID - HL			**>1**	**N2/0100L**	
	0100	HL	Hierarchical Level	M	1		N2/0100	Must use
			LOOP ID - SPI			**>1**		
	0200	SPI	Specification Identifier	O	1			Used
	0300	RDT	Revision Date/Time	O	>1			Used
*	0330	PRR	Problem Report	O	>1		C2/0330	Not Used
*	0340	PRT	Part Disposition	O	>1		C2/0340	Not Used
*	0350	PRS	Part Release Status	O	1		C2/0350	Not Used
	0400	LIN	Item Identification	O	1		C2/0400	Used
*	0460	PER	Administrative Communications Contact	O	>1			Not Used
*	0500	MSG	Message Text	O	>1			Not Used
			LOOP ID - N1			**>1**		
	0510	N1	Name	O	1			Used
	0520	N2	Additional Name Information	O	2			Used
	0530	N3	Address Information	O	2			Used
	0540	N4	Geographic Location	O	>1			Used
	0550	PER	Administrative Communications Contact	O	>1			Used
	0560	N9	Reference Identification	O	>1			Used
			LOOP ID - PID			**>1**		
	0600	PID	Product/Item Description	O	1			Used
	0650	PKD	Packaging Description	O	>1			Used
	0700	QTY	Quantity	O	>1			Used
	0740	MEA	Measurements	O	>1			Used
*	0750	UIT	Unit Detail	O	>1			Not Used
	0760	LOC	Location	O	1			Used
*	0770	PWK	Paperwork	O	>1			Not Used
			LOOP ID - PKG			**>1**		
	0780	PKG	Marking, Packaging, Loading	O	1			Used
*	0790	MEA	Measurements	O	>1			Not Used
			LOOP ID - REF			**>1**		
	0800	REF	Reference Identification	O	1			Used
*	0900	DTM	Date/Time Reference	O	>1			Not Used
*	1000	PER	Administrative Communications Contact	O	>1			Not Used
			LOOP ID - LX			**>1**		
	1030	LX	Assigned Number	O	1			Used
*	1050	LIN	Item Identification	O	1			Not Used
*	1070	TMD	Test Method	O	1			Not Used
	1100	MEA	Measurements	M	>1			Must use
	1120	PSD	Physical Sample Description	O	>1			Used
*	1140	SPS	Sampling Parameters for Summary Statistics	O	>1			Not Used

* 1200	DTM	Date/Time Reference	O	>1			Not Used
* 1300	REF	Reference Identification	O	>1			Not Used

* LOOP ID - EFI					>1		
* 1400	EFI	Electronic Format Identification	O	1			Not Used
* 1600	BIN	Binary Data	O	1			Not Used

LOOP ID - CID					>1	C2/1700L	
1700	CID	Characteristic/Class ID	O	1		C2/1700	Used
1800	UIT	Unit Detail	O	1			Used
* 1900	TMD	Test Method	O	>1			Not Used
* 2000	PSD	Physical Sample Description	O	1			Not Used
* 2010	CSS	Conditional Sampling Sequence	O	1		N2/2010	Not Used
* 2100	SPS	Sampling Parameters for Summary Statistics	O	1			Not Used
2200	MSG	Message Text	O	>1			Used

* LOOP ID - MEA					>1		
* 2300	MEA	Measurements	O	1			Not Used
* 2400	DTM	Date/Time Reference	O	>1			Not Used
* 2500	REF	Reference Identification	O	>1			Not Used

* LOOP ID - STA					>1		
* 2600	STA	Statistics	O	1			Not Used
* 2700	DTM	Date/Time Reference	O	>1			Not Used
* 2800	REF	Reference Identification	O	>1			Not Used

* LOOP ID - CSF					>1	CN2/2820L	
* 2820	CSF	Conditional Sampling Frequency	O	1		CN2/2820	Not Used

* LOOP ID - LS					1		
* 2830	LS	Loop Header	O	1			Not Used

* LOOP ID - CID					>1	CN2/2840L	
* 2840	CID	Characteristic/Class ID	O	1		CN2/2840	Not Used
* 2850	MEA	Measurements	O	1		C2/2850	Not Used
* 2860	STA	Statistics	O	1		C2/2860	Not Used
* 2870	LE	Loop Trailer	M	1			Not Used

* LOOP ID - EFI					>1		
* 2900	EFI	Electronic Format Identification	O	1			Not Used
* 3100	BIN	Binary Data	O	1			Not Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/0100L   To be meaningful, at least one of the SPI, PID, REF, MEA, EFI or CID loops must be present with each occurrence of the HL loop.

2/0100   To be meaningful, at least one of the SPI, PID, REF, MEA, EFI or CID loops must be present with each occurrence of the HL loop.

2/2010   The sampling sequence specified in the CSS segment will take precedence over any other sampling rate (PSD03, PSD09, SPS06, CSF02, and CSF03) from the point the CSS01 event occurs until the specified sequence is completed.
If no other sampling is specified, then only the sampling indicated in this segment is performed when the CSS01 event occurs.

2/2820L   The sampling rate specified is the CSF segment. It would take precedence over the normal sampling rate specified in PSD03 while the conditions of the CSF segment are satisfied, but would NOT take precedence over the sampling sequence activated by the proposed CSS segment.
If no other sampling rate is specified, then the only sampling indicated in the CSF segment is performed while the CSF conditions are met. Sampling will cease when the conditions are no longer met.
Conditional values specified in DE 740 (Range Minimum) will be interpreted as "greater than or equal to this value." Values specified in DE 741 (Range Maximum) will be interpreted to mean "less than or equal to this value."

2/2820   The sampling rate specified is the CSF segment. It would take precedence over the normal sampling rate specified in PSD03 while the conditions of the CSF segment are satisfied, but would NOT take precedence over the sampling sequence activated by the proposed CSS segment.

If no other sampling rate is specified, then the only sampling indicated in the CSF segment is performed while the CSF conditions are met. Sampling will cease when the conditions are no longer met.
Conditional values specified in DE 740 (Range Minimum) will be interpreted as "greater than or equal to this value." Values specified in DE 741 (Range Maximum) will be interpreted to mean "less than or equal to this value."

2/2840L	Either the MEA segment or the STA segment must occur, but not both.
2/2840	Either the MEA segment or the STA segment must occur, but not both.

Comments:

2/0330	The PRR segment contains the reason for an engineering change.
2/0340	The PRT segment is used to describe what should be done with the parts or assemblies specified in the preceding SPI segment.
2/0350	The PRS segment is used to tell the current status of the parts specified in the SPI segment required to make the change.
2/0400	The repeated pairs of 234 and 234 data elements in the LIN segment can be used to list where this modified part or assembly is used.
2/1700L	The CID segment may be used to define either a general class of properties, such as physical properties, or an individual property within a class. The CID loop allows the user the ability to define specifications such as the properties of the item or class, the environmental conditions under which the specifications apply, the test methods to be used, and other parameters related to properties within the current HL hierarchical level.
2/1700	The CID segment may be used to define either a general class of properties, such as physical properties, or an individual property within a class. The CID loop allows the user the ability to define specifications such as the properties of the item or class, the environmental conditions under which the specifications apply, the test methods to be used, and other parameters related to properties within the current HL hierarchical level.
2/2820L	Repetitions of the CSF loop allow several frequency changes (and the conditions that would trigger those changes) to be specified. If the conditions are such that several CSF values are activated at the same time, the value with the highest sampling rate shall prevail.
2/2820	Repetitions of the CSF loop allow several frequency changes (and the conditions that would trigger those changes) to be specified. If the conditions are such that several CSF values are activated at the same time, the value with the highest sampling rate shall prevail.
2/2840L	The CID loop within the CSF loop is used to specify the conditions that will trigger activation of the conditional value in the CSF segment. Repetitions of the CID loop will have an implied logical AND between the conditions set in each iteration.
2/2840	The CID loop within the CSF loop is used to specify the conditions that will trigger activation of the conditional value in the CSF segment. Repetitions of the CID loop will have an implied logical AND between the conditions set in each iteration.
2/2850	The elements of the CID segment identify the conditional property. If the property is a measurement from within the manufacturing process of a plant environment, rather than the product, the segment also identifies the location where the measurements are to be observed.
2/2860	If the condition is based on single test measurements, the MEA segment is used to specify the units of measure, and the open or closed numeric range of the conditional test.

ST   Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	**Elements: 3**

User Option (Usage): Must use
Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

Code	Name
841	Specifications/Technical Information

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST03	1705	**Implementation Convention Reference**	O	AN	1/35	Used	1

Description: Reference assigned to identify Implementation Convention
DLMS Note: *Use to indicate this transmission uses the DLMS IC 841W. Enter the DLMS IC (e.g., 004030F841W0WA00).*

<table>
<tr><td>

SPI

Specification Identifier

</td><td>

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: SPI **Elements: 3**

</td></tr>
</table>

User Option (Usage): Must use
Purpose: To provide a description of the included specification or technical data items

Syntax Rules:

 1. P0203 - If either SPI02 or SPI03 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SPI01	786	**Security Level Code**	M	ID	2/2	Must use	1

     Description: Code indicating the level of
     confidentiality assigned by the sender to the
     information following

Code	Name
ZZ	Mutually Defined

     DLMS Note:
     Use code "ZZ" for this data element to satisfy mandatory X12 syntax requirements.

REF   Reference Identification

Pos: 0900	Max: 1
Heading - Optional	
Loop: REF	**Elements: 2**

User Option (Usage): Used
Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					

Code	Name
V0	Version

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	X	AN	1/50	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
DLMS Note: *Use to identify the Generator's Software Release Version Number. Data value restricted to a maximum of 50 characters.*

DTM   Date/Time Reference

Pos: 1000	Max: >1
Heading - Optional	
Loop: REF	**Elements: 4**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

Code	Name
097	Transaction Creation

DTM02	373	**Date**	X	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

DTM03	337	**Time**	X	TM	4/8	Used	1

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

DLMS Note: *Express time as HHMM.*

DTM04	623	**Time Code**	O	ID	2/2	Used	1

Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Code	Name
UT	Universal Time Coordinate

N1   Name

<table>
<tr><td>Pos: 1200</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

DLMS Note:

Must use this 1/N1/1200 loop to identify the organization originating the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
HZ	Hazardous Waste Generator

> **DLMS Note:**
> *Use to identify the Hazardous Material/Hazardous Waste Generator's File Transfer DoDAAC.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must Use	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
10	Department of Defense Activity Address Code (DODAAC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	X	AN	2/80	Must Use	1

Description: Code identifying a party or other code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N106	98	**Entity Identifier Code**	O	ID	2/3	Must Use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
FR	Message From

HL	**Hierarchical Level**	Pos: 0100 Max: 1

Pos: 0100   **Max: 1**
Detail - Mandatory
Loop: HL   **Elements: 3**

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

DLMS Note:

1. The transaction set hierarchical data structure is address information, followed by Waste Profile Sheet information, followed by Composition Subsection and EPA Waste Number Subsection as applicable.

2. Use the first 2/HL/0100 loop iteration to provide transaction set recipient address information. All other address information is carried in the Waste Profile Sheet loop.

3. Use the second 2/HL/0100 loop iteration to identify the Waste Profile Sheet (WPS) section information.

4. Use an additional 2/HL/0100 loop iteration to identify the Chemical Composition Subsection (Child of the WPS Section) as applicable.

5. Use an additional 2/HL/0100 loop iteration to identify the Environmental Protection Agency (EPA) Waste Number Subsection (Child of the WPS Section) as applicable.

6. If transmitting multiple WPS sheets, use additional loops as needed preserving the parent child relationship ensuring that the Chemical Composition and EPA Waster Number Subsections are aligned with the applicable WPS loop.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use	1
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure **DLMS Note:** *In the first 2/HL/0100 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.*					
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used	1
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to **DLMS Note:** *1. Use to provide association (parent/child relationship) between the Chemical Composition and EPA Waste Number Subsections with the applicable Waste Profile Sheet. Use in the subordinate (child) loop to identify the HL01 ID Number of the next higher parent loop.* *2. Not applicable to the address loop.*					

| HL03 | 735 | **Hierarchical Level Code** | M | ID | 1/2 | Must use | 1 |

Description: Code defining the characteristic of a level in a hierarchical structure

DLMS Note: *The following informational loops are applicable to this transaction. When all loops are used, the HL sequence is V (address), HP (Waste Profile Sheet), KB (Chemical Composition Subsection), and HE (EPA Waste Number Subsection). The KB and HE loops are used as applicable.*

Code	Name
V	Address Information

> **DLMS Note:**
> *Use to identify the address loop which specifies the transaction recipient. Use only one address loop per transaction.*

HE	EPA Waste Number Subsection

> **DLMS Note:**
> *1. Use to identify the EPA Waste Number Subsection.*
>
> *2. At this time a local code HE is established for use in 841W, version 4030. A data maintenance action has been submitted for establishment of HE–EPA Waste Number Subsection in a future version.*

HP	Waste Profile Sheet

> **DLMS Note:**
> *1. Use to identify the Waste Profile Sheet.*
>
> *2. At this time a local code HP is established for use in 841W, version 4030. A data maintenance action has been submitted for establishment of HP–Waste Profile Sheet in a future version.*

KB	Chemical

> **DLMS Note:**
> *1. Use to identify the Chemical Composition Subsection.*
>
> *2. Qualifier KB is a migration code approved for use in X12 version 4040.*

SPI   Specification Identifier

Pos: 0200	**Max: 1**
Detail - Optional	
Loop: SPI	**Elements: 3**

User Option (Usage): Used

Purpose: To provide a description of the included specification or technical data items

Syntax Rules:

1. P0203 - If either SPI02 or SPI03 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SPI01	786	**Security Level Code**	M	ID	2/2	Must use	1

Description: Code indicating the level of confidentiality assigned by the sender to the information following

Code	Name
99	Government Defined (Trading Partner Level)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SPI02	128	**Reference Identification Qualifier**	X	ID	2/3	Used	1

Description: Code qualifying the Reference Identification

Code	Name
WPN	Waste Profile Number

DLMS Note:

1. Use in the HL03 Code HP loop to identify the Waste Profile Number.

2. At this time a local code WPN is established for use in 841W, version 4030. A data maintenance action has been submitted for establishment of WPN–Waste Profile Number in a future version.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SPI03	127	**Reference Identification**	X	AN	1/50	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

RDT   Revision Date/Time

Pos: 0300	**Max: >1**
Detail - Optional	
Loop: SPI	**Elements: 2**

User Option (Usage): Used

Purpose: To specify the revision level of the electronic data item

Syntax Rules:

1. C0102 - If RDT01 is present, then RDT02 is required.
2. L030405 - If RDT03 is present, then at least one of RDT04 or RDT05 is required.
3. C0605 - If RDT06 is present, then RDT05 is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
RDT03	374	**Date/Time Qualifier**	O	ID	3/3	Used	1

Description: Code specifying type of date or time, or both date and time

Code	Name
585	Report

> **DLMS Note:**
> *Use in the HL03 Code HP loop to identify the Waste Profile Established Date.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
RDT04	373	**Date**	X	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

LIN   Item Identification

Pos: 0400	**Max: 1**
Detail - Optional	
Loop: SPI	**Elements: 2**

User Option (Usage): Used
Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
JP	Package Type Code

DLMS Note:
Use in the HL03 Code HP loop to identify the Packing Type. Insert "BULK", "DRUM", or a brief narrative describing the Packing Type.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use	1

Description: Identifying number for a product or service

N1 Name

<table>
<tr><td>Pos: 0510</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
HZ	Hazardous Waste Generator

> **DLMS Note:**
> *Use in the HL03 Code HP loop to identify the Generator Name. Use the N102 to provide the facility name; use the N201 to identify the Technical Contact Title; use the N3 and N4 to provide the facility address.*

Code	Name
ZD	Party to Receive Reports

> **DLMS Note:**
> *Use in the HL03 Code V loop to identify the DLA Disposition Services Field Office RIC as the transaction recipient.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N102	93	**Name**	X	AN	1/60	Used	1

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
M4	Department of Defense Routing Identifier Code (RIC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N106	98	**Entity Identifier Code**	O	ID	2/3	Used	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
TO	Message To

> **DLMS Note:**
> *Use in the HL03 Code V loop with N101 Code ZD to identify that the DLA Disposition Services Field Office RIC is the transaction recipient.*

N2   Additional Name Information

Pos: 0520	**Max: 2**
Detail - Optional	
Loop: N1	**Elements: 1**

User Option (Usage): Used
Purpose: To specify additional names

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N201	93	**Name**	M	AN	1/60	Must use	1

> **Description:** Free-form name
> **DLMS Note:** *Use in the HL03 Code HP loop with N101 Code HZ to identify the Technical Contact Title at the facility.*

N3   Address Information

<table>
<tr><td>Pos: 0530</td><td>Max: 2</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N301	166	**Address Information**	M	AN	1/55	Must use	1
		Description: Address information **DLMS Note:** *Use in the HL03 Code HP loop with N101 Code HZ to identify line 1 of the facility address.*					
N302	166	**Address Information**	O	AN	1/55	Used	1
		Description: Address information **DLMS Note:** *Use in the HL03 Code HP loop with N101 Code HZ to identify line 2 of the facility address.*					

N4	**Geographic Location**	**Pos: 0540** **Max: >1**
		Detail - Optional
		Loop: N1 **Elements: 3**

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N401	19	**City Name**	O	AN	2/30	Used	1
		Description: Free-form text for city name **DLMS Note:** *Use in the HL03 Code HP loop with N101 Code HZ to identify the city of the facility.*					
N402	156	**State or Province Code**	X	ID	2/2	Used	1
		Description: Code (Standard State/Province) as defined by appropriate government agency **DLMS Note:** *Use in the HL03 Code HP loop with the N101 Code HZ to identify the state code of the facility.*					
N403	116	**Postal Code**	O	ID	3/15	Used	1
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) **DLMS Note:** *Use in the HL03 Code HP loop with the N101 Code HZ to identify the zip code of the facility.*					

PER   Administrative Communications Contact

Pos: 0550   **Max: >1**
Detail - Optional
Loop: N1   **Elements: 6**

User Option (Usage): Used
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER01	366	**Contact Function Code**	M	ID	2/2	Must use	1

Description: Code identifying the major duty or responsibility of the person or group named

Code	Name
BL	Technical Department

> **DLMS Note:**
> *Use in the HL03 Code HP loop to identify the Technical Contact Name. This name is associated to the Technical Contact Title in the N201.*

Code	Name
CE	Certifier

> **DLMS Note:**
> *Use in the HL03 Code HP loop to identify the Certifier Name. This name is associated with the Generator name (N01 Code HZ).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER02	93	**Name**	O	AN	1/60	Used	1

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used	1

Description: Code identifying the type of communication number

Code	Name
TE	Telephone

> **DLMS Note:**
> *Use in the HL03 Code HP loop with PER01 Code BL to identify the telephone number of the Technical Contact.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER04	364	**Communication Number**	X	AN	1/256	Used	1

Description: Complete communications number including country or area code when applicable

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used	1

Description: Code identifying the type of communication number

Code	Name
EX	Telephone Extension

> **DLMS Note:**
> *Use in the HL03 Code HP loop with PER01 Code BL to identify the telephone extension, if applicable, of the Technical Contact.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER06	364	**Communication Number**	X	AN	1/256	Used	1

Description: Complete communications

number including country or area code when
applicable

N9 Reference Identification

Pos: 0560	**Max: >1**
Detail - Optional	
Loop: N1	**Elements: 2**

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Code	Name
ABO	State Hazardous Waste Entity Identifier

DLMS Note:

Use in the HL03 Code HP loop to identify the Generator State Identification.

Code	Name
CAM	U.S. Environmental Protection Agency (EPA) Identification Number

DLMS Note:

1. Use in the HL03 Code HP loop to identify the Generator US EPA Identification.

2. Qualifier CAM is a migration code approved for use in X12 version 4040.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N902	127	**Reference Identification**	X	AN	1/50	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

PID   Product/Item Description

Pos: 0600	**Max: 1**
Detail - Optional	
Loop: PID	**Elements: 3**

User Option (Usage): Used
Purpose: To describe a product or process in coded or free-form format

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID01	349	**Item Description Type**	M	ID	1/1	Must use	1
		Description: Code indicating the format of a description					

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID02	750	**Product/Process Characteristic Code**	O	ID	2/3	Used	1
		Description: Code identifying the general class of a product or process characteristic					

Code	Name
WT	Waste
	DLMS Note:
	Use in the HL03 Code HP loop to identify the Name of the Waste.
CCN	Common Chemical Name
	DLMS Note:
	Use in the HL03 Code KB loop to identify the Chemical Name.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID05	352	**Description**	X	AN	1/80	Used	1
		Description: A free-form description to clarify the related data elements and their content					

DLMS Note: *Enter "PSN1", "PSN2", and "PSN3" as required to identify the 80 character increments of the Proper Shipping Name.*

PKD   Packaging Description

Pos: 0650	**Max: >1**
Detail - Optional	
Loop: PID	**Elements: 2**

User Option (Usage): Used

Purpose: To specify a package description and other information

Syntax Rules:

1. C0201 - If PKD02 is present, then PKD01 is required.
2. C0302 - If PKD03 is present, then PKD02 is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PKD01	103	**Packaging Code**	X	AN	3/5	Used	1

Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

Code	Name
MXD	Mixed

> **DLMS Note:**
> *Use in the HL03 Code HP loop to identify the Mode of Collection.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PKD02	822	**Source Subqualifier**	X	AN	1/15	Used	1

Description: A reference that indicates the table or text maintained by the Source Qualifier

QTY   Quantity

<table>
<tr><td>Pos: 0700</td><td>Max: >1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: PID</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used
Purpose: To specify quantity information

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use	1

Description: Code specifying the type of quantity

Code	Name
TT	Total Production Volume

DLMS Note:
Use in the HL03 Code HP loop to identify the Projected Annual Volume.

Code	Name
XL	Approximate Number of Units Projected

DLMS Note:
Use in the HL03 Code HP loop to identify the Projected Annual Units.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY02	380	**Quantity**	X	R	1/15	Used	1

Description: Numeric value of quantity

MEA	**Measurements**	**Pos: 0740** **Max: >1**
		Detail - Optional
		Loop: PID **Elements: 4**

User Option (Usage): Used
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. C0504 - If MEA05 is present, then MEA04 is required.
3. C0604 - If MEA06 is present, then MEA04 is required.
4. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
5. E0803 - Only one of MEA08 or MEA03 may be present.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

DLMS Note:

Use in the HP loop to identify the quantities associated with the hazardous waste/hazardous material.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA02	738	**Measurement Qualifier**	O	ID	1/3	Used	1

Description: Code identifying a specific product or process characteristic to which a measurement applies
DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
AK	Volatile Organic Compounds (VOCs)
HAL	Total Halogens

> **DLMS Note:**
>
> *1. Use to identify the quantity of halogens.*
>
> *2. At this time a local code HAL is established for use in 841W, version 4030. A data maintenance action has been submitted for establishment of HAL–Total Halogens in a future version.*

PCB	Polychlorinated Biphenyl (PCB)

> **DLMS Note:**
>
> *1. Use to identify the quantity of PCBs.*
>
> *2. At this time a local code PCB is established for use in 841W, version 4030. A data maintenance action has been submitted for establishment of PCB–Polychlorinated Biphenyl (PCB) in a future version.*

PHE	Phenol

> **DLMS Note:**
>
> *1. Use to identify the quantity of Phenol.*
>
> *2. Qualifier PHE is a migration code approved for use in X12 version 5030.*

QUR	Reportable Quantity

> **DLMS Note:**
>
> *Use to identify the DoT Reportable Quantity. Cite the associated DoT unit of issue in the*

		MEA04.					
	ZCR	Chromium					
		DLMS Note: *Use to identify the quantity of Chromium Hex.*					
	ZCU	Copper					
	ZNI	Nickel					
	ZZN	Zinc					
MEA03	739	**Measurement Value**	X	R	1/20	Used	1
		Description: The value of the measurement					
MEA04	C001	**Composite Unit of Measure**	X	Comp		Used	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

DLMS Note: *Use to identify the value of the units expressed in MEA03. For example, if the percent of copper is 50, cite 50 in MEA03 and P1 in MEA04.*

Comments:
1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.
4. If C001-06 is not used, its value is to be interpreted as 1.
5. If C001-08 is not used, its value is to be interpreted as 1.
6. If C001-09 is not used, its value is to be interpreted as 1.
7. If C001-11 is not used, its value is to be interpreted as 1.
8. If C001-12 is not used, its value is to be interpreted as 1.
9. If C001-14 is not used, its value is to be interpreted as 1.
10. If C001-15 is not used, its value is to be interpreted as 1.

MEA04-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

DLMS Note: *For DLMS use, only the following codes are authorized. DLMS users see the Unit of Issue and Purchase Unit Conversion table for code conversions between X12 and DOD.*

Code	Name
19	Tank Truck
	DLMS Note: *DoT equivalent code is TT.*
1P	Tank Car
	DLMS Note: *DoT equivalent code is TC.*
59	Parts Per Million
	DLMS Note: *GenComm equivalent code is PPM.*
61	Parts Per Billion

		DLMS Note: *GenComm equivalent code is PPB.*					
	BR	Barrel					
		DLMS Note: *DoT equivalent codes are DF, DM, and DW. Must use with the MEA09.*					
	BX	Box					
		DLMS Note: *DoT equivalent codes are CF, CM, and CW. Must use with the MEA09.*					
	CL	Cylinder					
		DLMS Note: *DoT equivalent code is CY.*					
	NA	Milligrams per Kilogram					
		DLMS Note: *GenComm equivalent code is MG/KG.*					
	NC	Car					
		DLMS Note: *DoT equivalent code is HG.*					
	P1	Percent					
		DLMS Note: *GenComm equivalent code is PER.*					
	TK	Tank					
		DLMS Note: *DoT equivalent code is TP.*					
MEA09	752	**Surface/Layer/Position Code**	O	ID	2/2	Used	1

Description: Code indicating the product surface, layer or position that is being described

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	**Name**
SD	Relative Position 48

DLMS Note:

1. *Use with MEA04-01 Code BX (DoT Code CF) to denote Fiber or Plastic Box, Carton, Case.*

2. *Use with MEA04-01 Code BR (DoT Code DF) to denote Fiberboard or Plastic Drum, Barrel, Keg.*

SE	Relative Position 49

DLMS Note:

1. *Use with MEA04-01 Code BX (DoT Code CM) to denote Metal Box, Carton, Case.*

2. *Use with MEA04-01 Code BR (DoT Code DM) to denote Metal Drum, Barrel, Keg.*

SF	Relative Position 50

DLMS Note:

1. *Use with MEA04-01 Code BX (DoT Code CW) to denote Wood Box, Carton, Case.*

2. *Use with MEA04-01 Code BR (DoT Code DW) to denote Wooden Drum, Barrel, Keg.*

LOC   Location

Pos: 0760	**Max: 1**
Detail - Optional	
Loop: PID	**Elements: 3**

User Option (Usage): Used

Purpose: To describe the location in space and time of the axis of an item relative to an origin axis; Euclidean geometry has been assumed with orthogonal axes; the sequence of axes has been chosen in the customary sequence of X, Y, and Z, however, it is possible to just use two-dimensional space rather than three-dimensional space

Syntax Rules:

1. P0607 - If either LOC06 or LOC07 is present, then the other is required.
2. C1110 - If LOC11 is present, then LOC10 is required.
3. C1312 - If LOC13 is present, then LOC12 is required.
4. C1514 - If LOC15 is present, then LOC14 is required.
5. C1716 - If LOC17 is present, then LOC16 is required.
6. C1918 - If LOC19 is present, then LOC18 is required.
7. C2120 - If LOC21 is present, then LOC20 is required.
8. P2223 - If either LOC22 or LOC23 is present, then the other is required.

Semantics:

1. LOC01 through LOC03 describe the item.
2. LOC04 is a description of the positional reference point on the item.
3. LOC05 through LOC08 describe the environment in which the item is placed.
4. LOC09 is a description of the positional reference point in the environment. This is the origin of the original axes.
5. LOC10 through LOC15 describe the translation in the three-dimensional space of the axes with respect to the original axes.
6. LOC10 is the principal X axis of the item.
7. LOC10 through LOC14 describe the principal XY plane of the item.
8. LOC16 is measured with respect to the XY plane around the X axis.
9. LOC18 is measured with respect to the YZ plane around the Y axis.
10. LOC20 is measured with respect to the ZX plane around the Z axis.

Comments:

1. It is possible to translate the axis system in zero, one, two, or three axial directions.
2. The temporal measurements would be used, for example, to describe the positions of a robot head. They may be specified as t1, t2... or n1, n2...etc. Or, they may be specified in time units such as 0, 0.8, 1.6, etc. They may also represent positions where they would be specified as p1, p2, etc.
3. All angular positions of an axis vector are measured in a counter-clockwise rotation around the original axis vector, looking from the positive direction of the vector towards the origin. The angular unit is specified by the corresponding unit of measurement, as in LOC17, LOC19, and LOC21.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LOC01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					

Code	Name
PHC	Process Handling Code

> **DLMS Note:**
> *Use in the HL03 Code HP loop to identify the Process Generating Waste. Enter description in the LOC3.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LOC02	127	**Reference Identification**	M	AN	1/50	Must use	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

DLMS Note: *Use "PGW" to satisfy syntax*

		requirements.					
LOC03	352	**Description**	O	AN	1/80	Used	1

Description: A free-form description to clarify the related data elements and their content

PKG   Marking, Packaging, Loading

Pos: 0780	**Max: 1**
Detail - Optional	
Loop: PKG	**Elements: 4**

User Option (Usage): Used
Purpose: To describe marking, packaging, loading, and unloading requirements

Syntax Rules:

1. R040506 - At least one of PKG04, PKG05 or PKG06 is required.
2. C0403 - If PKG04 is present, then PKG03 is required.
3. C0501 - If PKG05 is present, then PKG01 is required.

Semantics:

1. PKG04 should be used for industry-specific packaging description codes.

Comments:

1. Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2. If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
3. Use PKG03 to indicate the organization that publishes the code list being referred to.
4. Special marking or tagging data can be given in PKG05 (description).

DLMS Note:

Use in the HP loop to identify the Proper Shipping Name. If the Proper Shipping Name is greater than 80 characters, enter "PSN1" in the PKG04 to identify the first 80 characters of the Proper shipping Name, and then repeat the PKG loop. Enter "PSN2" in the PKG04 and enter the next 80 characters of the Proper Shipping Name into the PKG05. If the Proper Shipping Name is greater than 160 characters, repeat the PKG loop and enter "PSN3" in the PKG04 followed by the remaining 40 characters of the Proper Shipping Name in the PKG05.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PKG01	349	**Item Description Type**	X	ID	1/1	Used	1
		Description: Code indicating the format of a description					

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PKG03	559	**Agency Qualifier Code**	X	ID	2/2	Used	1
		Description: Code identifying the agency assigning the code values					

Code	Name
DL	Defense Logistics Agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PKG04	754	**Packaging Description Code**	X	AN	1/7	Used	1
		Description: A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product **DLMS Note:** *Enter "PSN1", "PSN2", and "PSN3" as required to identify the 80 character increments of the Proper Shipping Name, up to a maximum of 200 characters.*					
PKG05	352	**Description**	X	AN	1/80	Used	1
		Description: A free-form description to clarify the related data elements and their content					

REF   Reference Identification

Pos: 0800	Max: 1
Detail - Optional	
Loop: REF	**Elements: 2**

User Option (Usage): Used
Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Code	Name
8D	Chemical Abstract Service Registry Number

DLMS Note:
Use in the HL03 Code KB loop to identify the Chemical Abstract Service Identifier.

HD	Department of Transportation Hazardous Number

DLMS Note:
Use in the HL03 Code HP loop to identify the Hazard Class.

P9	Page Number

DLMS Note:
Use in the HL03 Code HP loop to identify the Emergency Response Guide Page Number.

RE	Release Number

DLMS Note:
Use in the HL03 Code HP loop to identify the Edition Year of the Emergency Response Guide.

UN	United Nations Hazardous Classification Number

DLMS Note:
Use in the HL03 Code HP loop to identify the UN/NA Number.

CAL	U.S. Environmental Protection Agency (EPA) Hazardous Waste Code

DLMS Note:
1. Use in the HL03 Code HE loop to identify the EPA Hazardous Waste Number.

2. Qualifier CAL is a migration code approved for use in X12 version 4040.

PGC	Packing Group Code

DLMS Note:
Use in the HL03 Code HP loop to identify the Packing Group (e.g., I, II, III).

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	X	AN	1/50	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

LX   Assigned Number

<table>
<tr><td>Pos: 1030</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: LX</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To reference a line number in a transaction set

DLMS Note:

Use in the HP loop to identify the Other Chemical Component Description (2/PSD08/1120) and associated quantity/UOM (2/MEA/1100).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LX01	554	**Assigned Number**	M	N0	1/6	Must use	1

Description: Number assigned for differentiation within a transaction set

DLMS Note: *In the first 2/LX/1030 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.*

MEA   Measurements

<table>
<tr><td>Pos: 1100</td><td>Max: >1</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: LX</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Must use
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. C0504 - If MEA05 is present, then MEA04 is required.
3. C0604 - If MEA06 is present, then MEA04 is required.
4. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
5. E0803 - Only one of MEA08 or MEA03 may be present.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

DLMS Note:

Use in the HP loop to identify the quantities associated with the hazardous waste/hazardous material.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA02	738	**Measurement Qualifier**	O	ID	1/3	Used	1
		Description: Code identifying a specific product or process characteristic to which a measurement applies **DLMS Note:** *For DLMS use, only the following codes are authorized.*					

Code	Name
OTE	Others Each

> **DLMS Note:**
> *Use with Other Chemical Component Description at 2/PSD08/1120 to identify the quantity of the Other Chemical Component.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA03	739	**Measurement Value**	X	R	1/20	Used	1
		Description: The value of the measurement					
MEA04	C001	**Composite Unit of Measure**	X	Comp		Used	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)
DLMS Note: *Use to identify the value of the units expressed in MEA03. For example, if the percent of copper is 50, cite 50 in MEA03 and P1 in MEA04.*
Comments:
1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.
4. If C001-06 is not used, its value is to be interpreted as 1.

5. If C001-08 is not used, its value is to be interpreted as 1.
6. If C001-09 is not used, its value is to be interpreted as 1.
7. If C001-11 is not used, its value is to be interpreted as 1.
8. If C001-12 is not used, its value is to be interpreted as 1.
9. If C001-14 is not used, its value is to be interpreted as 1.
10. If C001-15 is not used, its value is to be interpreted as 1.

| MEA04-01 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 | Must use | 1 |

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

DLMS Note: *For DLMS use, only the following codes are authorized.   DLMS users see the Unit of Issue and Purchase Unit Conversion table for code conversions between X12 and DOD.*

Code	Name
59	Parts Per Million
	DLMS Note: *GenComm equivalent code is PPM.*
61	Parts Per Billion
	DLMS Note: *GenComm equivalent code is PPB.*
NA	Milligrams per Kilogram
	DLMS Note: *GenComm equivalent code is MG/KG.*
P1	Percent
	DLMS Note: *GenComm equivalent code is PER.*

PSD   Physical Sample Description

<table>
<tr><td>Pos: 1120</td><td>Max: >1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: LX</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To define the physical sample parameters associated with a test resulting in discrete measurements

Syntax Rules:

1. P0304 - If either PSD03 or PSD04 is present, then the other is required.
2. E0309 - Only one of PSD03 or PSD09 may be present.

Comments:

1. PSD08 can provide a more complete description of the physical sampling location.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PSD08	352	**Description**	O	AN	1/80	Used	1

Description: A free-form description to clarify the related data elements and their content

DLMS Note: *Use in the HP loop to identify the Other Chemical Component Description.*

CID   Characteristic/Class ID

<table>
<tr><td>Pos: 1700</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: CID</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Used
Purpose: To specify the general class or specific characteristic upon which test results are being reported or are to be taken

Syntax Rules:

1. R01020405 - At least one of CID01, CID02, CID04 or CID05 is required.
2. P0304 - If either CID03 or CID04 is present, then the other is required.
3. C060304 - If CID06 is present, then CID03 and CID04 are required.
4. L070405 - If CID07 is present, then at least one of CID04 or CID05 is required.

Comments:

1. CID06 specifies the individual code list of the agency specified in CID03.
2. CID07 refers to whether or not the characteristic identified in CID04 or CID05 or both is affected by the product change. If it is affected, the value is "Y". A value of "N" is used when it is known that it will not be affected. Any other value indicates it is indeterminate.

DLMS Note:

Use in the HL03 Codes HP, KB, and HE loops to identify various hazardous materials/hazardous waste material characteristics.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CID01	738	**Measurement Qualifier**	X	ID	1/3	Used	1

Description: Code identifying a specific product or process characteristic to which a measurement applies

Code	Name
RB	Range Value

> **DLMS Note:**
> *1. Use in the HL03 Code KB loop to identify the chemical range in the CID05.*
>
> ~~2. Use in the HL03 Code HE loop to identify the concentration range in the CID05. Identify the associated UoM in the 2/UIT01/1800.~~

Code	Name
CON	Concentration

> **DLMS Note:**
> *Use in the HL03 Code KB loop to identify the chemical concentration in the CID05.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CID03	559	**Agency Qualifier Code**	X	ID	2/2	Used	1

Description: Code identifying the agency assigning the code values

Code	Name
DL	Defense Logistics Agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CID04	751	**Product Description Code**	X	AN	1/12	Used	1

Description: A code from an industry code list which provides specific data about a product characteristic

DLMS Note: *Use in the HL03 Code HP loop. The following code values and associated definitions are authorized for use.*

ASH Ash Content (Identify the range or percent of ash in the CID05).
BAS Basis for Information (Identify the Basis for Information (e.g. "USER", "LAB", "BOTH") in the CID05).
BTU BTU/LB (Identify the BTU/LB in

numeric format in the CID05).
COL   Color (Identify the color in the CID05).
COR   Corrosive Indicator (Indicate Yes or No in the CID07).
CRC   Cyanide Reactive Indicator (Indicate Yes or No in the CID07).
CSL   Corrodes Steel Indicator (Indicate Yes or No in the CID07).
DHM   DoT Hazardous Material (Indicate Yes or No in the CID07).
DNS   Density (Identify the density in NNN.NNN format in the CID05).
DXW   Dioxin Waste Indicator (Indicate Yes or No in the CID07).
EXG   Exemption Granted Indicator (Indicate Yes or No in the CID07).
FLP   Flash Point (Indicate in degrees Fahrenheit the flash point in the CID05).
HTC   High TOC (>10%) Indicator (indicate Yes or No in the CID07).
IGN   Ignitable Indicator (Indicate Yes or No in the CID07).
LAY   Layering (Indicate the type of layering (e.g., "MULTILAYERED", "BILAYERED", "SINGLE PHASE") in the CID05).
LDR Land Disposal Restrictions Indicator (Indicate Yes or No in the CID07).
LTC   Low TOC (<10%) Indicator (indicate Yes or No in the CID07).
MTS Meets Treatment Standards Indicator (Identify the Treatment Standard Reference in the CID05 and Indicate Yes or No in the CID07).
OTH   Additional Hazard Description (Identify in the CID05 any additional Hazard descriptive information associated with the proper shipping name).
PHS Physical State (Identify the physical state (e.g., "S" = solid, "L" = liquid, SS = semisolid; "G" = gas; "O" = Other) in the CID05).
PPH Ph (Identify the Ph in the CID05).
RAC Reactive Indicator (Indicate Yes or NO n the CID07).
RCA RCRA Requirements (Identify the RCRA Requirements in the 2/MSG01/2200).
RCB Additional RCRA Requirements (Identify additional RCRA requirements in the 2/MSG01/2200).
SHI   Special Handling Information (Indicate any special handling information in the 2/MSG01/2200).
SRC Sulfide Reactive Indicator (Indicate Yes or No in the CID07).
TGR Treatment Group (Identify the treatment group (e.g, "W" = Wastewater; "N" = Non wastewater) in the CID05).
TOX Toxicity Characteristic Indicator (Indicate Yes or No in the CID07).
TSD Total Solids (Identify the range or percent of total solids in the CID05).
UHC   Underlying Hazardous Constituent (Indicate Yes or No in the CID07).
WRC Water Reactive Indicator (Indicate

Yes or No in the CID07).

CID05	352	**Description**	X	AN	1/80	Used	1

Description: A free-form description to clarify the related data elements and their content

DLMS Note: *1. Use in the HL03 Code KB loop with CID01 Codes CON and RB.*

2. Use in the HL03 Code HE loop with CID01 Code RB.

3. Use in the HL03 Code HP loop with CID03 Codes ASH, BAS, BTU, COL, DNS, FLP, LAY, OTH, PHS, PPH, TGR, and TSD. For CID03 Code MTS, identify the Treatment Standard Reference.

CID07	1073	**Yes/No Condition or Response Code**	O	ID	1/1	Used	1

Description: Code indicating a Yes or No condition or response

DLMS Note: *Use in the HL03 Code HP loop with CID07 Codes COR, CRC, CSL, DHM, DXW, EXG, HTC, IGN, LDR, LTC, MTS, RAC, SRC, TOX, UHC, WRC.*

All valid standard codes are used.

UIT   Unit Detail

Pos: 1800	**Max: 1**
Detail - Optional	
Loop: CID	**Elements: 1**

User Option (Usage): Used
Purpose: To specify item unit data

Syntax Rules:

1. C0302 - If UIT03 is present, then UIT02 is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
UIT01	C001	**Composite Unit of Measure**	M	Comp		Must use	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)
DLMS Note: *Use to identify the value of the units expressed in the HL03 Code HE loop with CID01 Code RB.*
Comments:
1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.
4. If C001-06 is not used, its value is to be interpreted as 1.
5. If C001-08 is not used, its value is to be interpreted as 1.
6. If C001-09 is not used, its value is to be interpreted as 1.
7. If C001-11 is not used, its value is to be interpreted as 1.
8. If C001-12 is not used, its value is to be interpreted as 1.
9. If C001-14 is not used, its value is to be interpreted as 1.
10. If C001-15 is not used, its value is to be interpreted as 1.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
UIT01-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
DLMS Note: *For DLMS use, only the following codes are authorized. DLMS users see the Unit of Issue and Purchase Unit Conversion table for code conversions between X12 and DOD.*

Code	Name
59	Parts Per Million
	DLMS Note: *GenComm equivalent code is PPM.*
61	Parts Per Billion
	DLMS Note: *GenComm equivalent code is PPB.*
NA	Milligrams per Kilogram
	DLMS Note:

GenComm equivalent code is MG/KG.

P1   Percent
                DLMS Note:
                GenComm equivalent code is PER.

MSG   Message Text

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text information

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

Semantics:

1. MSG03 is the number of lines to advance before printing.

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2. If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MSG01	933	**Free-Form Message Text**	M	AN	1/264	Must use	1

Description: Free-form message text
DLMS Note: *Use in the HL03 Code HP loop with CID04 Codes SHI, RCA, and RCB.*

SE Transaction Set Trailer

<table>
<tr><td>Pos: 0100</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		DLMS Note: *Cite the same number as the one cited in ST02.*					

DLMS 856W

Hazardous Material/

Hazardous Waste

Shipment Status

856   <u>Ship Notice/Manifest</u>

<u>Functional Group=**SH**</u>

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information.The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

DLMS Note:

1. This 856W, Hazardous Material/Hazardous Waste Shipment Status transaction is intended for use by DLA's Distribution Standard System and Component generating systems supporting Disposition Services processing hazardous material/waste for turn-in/disposal to DLA Disposition Services.

2. This transaction will be used to convey the information described in the Generator Communications (GenComm) Interface Standard Version 5.0.0. See DLM 4000.25, Volume 2, Appendix 9.

3. Users operating under the Defense Logistics Management Standards (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and Transportation Mode of Shipment Conversion Table which can be found on the Defense Logistics Management Standards Office Web site at www.dla.mil/j-6/dlmso.

4. This entire DLMS Implementation Convention (IC) is considered an authorized DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This transaction should be adopted during, or subsequent, to modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this DLMS transaction does not cause inappropriate rejection of the transaction.

5. This DLMS IC incorporates the Proposed DLMS Change and Approved DLMS Change (ADC) listed. PDC/ADCs are available from the Defense Logistics Management Standards Office Web site: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp.

- ADC 1131, New DLMS Implementation Convention (IC) 841W, Hazardous Material/Hazardous Waste (HM/HW) Profile and New DLMS IC 856W, Hazardous Material/Hazardous Waste Shipment Status

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use
* 0400	DTM	Date/Time Reference	O	10			Not Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Used
0300	SN1	Item Detail (Shipment)	O	1			Used
* 0400	SLN	Subline Item Detail	O	1000			Not Used
* 0500	PRF	Purchase Order Reference	O	1			Not Used
* 0600	PO4	Item Physical Details	O	1			Not Used
0700	PID	Product/Item Description	O	200			Used
0800	MEA	Measurements	O	40			Used
* 0900	PWK	Paperwork	O	25			Not Used
1000	PKG	Marking, Packaging, Loading	O	25			Used
* 1100	TD1	Carrier Details (Quantity and Weight)	O	20			Not Used
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
* LOOP ID - TD3					**12**		
* 1300	TD3	Carrier Details (Equipment)	O	1			Not Used

* 1350	AT9	Trailer or Container Dimension and Weight	O	1		Not Used
* 1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		Not Used
* 1450	TSD	Trailer Shipment Details	O	1		Not Used
1500	REF	Reference Identification	O	>1		Used
1510	PER	Administrative Communications Contact	O	3		Used
* LOOP ID - LH1					**100**	
* 1520	LH1	Hazardous Identification Information	O	1		Not Used
* 1530	LH2	Hazardous Classification Information	O	4		Not Used
* 1540	LH3	Hazardous Material Shipping Name	O	12		Not Used
* 1550	LFH	Freeform Hazardous Material Information	O	20		Not Used
* 1560	LEP	EPA Required Data	O	>1		Not Used
* 1570	LH4	Canadian Dangerous Requirements	O	1		Not Used
* 1580	LHT	Transborder Hazardous Requirements	O	3		Not Used
* 1590	LHR	Hazardous Material Identifying Reference Numbers	O	10		Not Used
* 1600	PER	Administrative Communications Contact	O	5		Not Used
* 1610	LHE	Empty Equipment Hazardous Material Information	O	1		Not Used
* LOOP ID - CLD					**200**	
* 1700	CLD	Load Detail	O	1		Not Used
* 1800	REF	Reference Identification	O	200		Not Used
* 1850	DTP	Date or Time or Period	O	1		Not Used
* 1900	MAN	Marks and Numbers	O	>1		Not Used
2000	DTM	Date/Time Reference	O	10		Used
* 2100	FOB	F.O.B. Related Instructions	O	1		Not Used
* 2150	PAL	Pallet Information	O	1		Not Used
LOOP ID - N1					**200**	
2200	N1	Name	O	1		Used
2300	N2	Additional Name Information	O	2		Used
2400	N3	Address Information	O	2		Used
* 2500	N4	Geographic Location	O	1		Not Used
* 2600	REF	Reference Identification	O	12		Not Used
* 2700	PER	Administrative Communications Contact	O	3		Not Used
* 2800	FOB	F.O.B. Related Instructions	O	1		Not Used
* 2900	SDQ	Destination Quantity	O	50		Not Used
* 3000	ETD	Excess Transportation Detail	O	1		Not Used
* 3100	CUR	Currency	O	1		Not Used
LOOP ID - SAC					**>1**	
3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used
* 3250	CUR	Currency	O	1		Not Used
* 3300	GF	Furnished Goods and Services	O	1		Not Used
* 3350	YNQ	Yes/No Question	O	10		Not Used
LOOP ID - LM					**10**	
3400	LM	Code Source Information	O	1		Used
3500	LQ	Industry Code	M	100		Must use

* LOOP ID - V1					>1		
* 3600	V1	Vessel Identification	O	1			Not Used
* 3700	R4	Port or Terminal	O	>1			Not Used
* 3800	DTM	Date/Time Reference	O	>1			Not Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 0100	CTT	Transaction Totals	O	1		N3/0100	Not Used
0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/0100   Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value
of units shipped (SN102) for each SN1 segment.

Comments:

2/0100L   The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
2/0100   The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

ST   Transaction Set Header

<table>
<tr><td>Pos: 0100</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Must use
Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:
1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		Code **Name** 856 Ship Notice/Manifest					
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
ST03	1705	**Implementation Convention Reference**	O	AN	1/35	Used	1
		Description: Reference assigned to identify Implementation Convention **DLMS Note:** *Use to indicate this transmission uses the DLMS IC 856W. Enter the DLMS IC (e.g., 004030F856W0WA00).*					

BSN   Beginning Segment for Ship Notice

Pos: 0200   **Max: 1**
Heading - Mandatory
Loop: N/A   **Elements: 5**

User Option (Usage): Must use
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BSN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

Code	Name
00	Original
77	Simulation Exercise

DLMS Note:
Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BSN02	396	**Shipment Identification**	M	AN	2/30	Must use	1

Description: A unique control number assigned by the original shipper to identify a specific shipment
DLMS Note: *Use Code "ZZ" for this data element to satisfy mandatory X12 syntax requirements.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BSN03	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year
DLMS Note: *This date corresponds to the Universal Time Coordinate (UTC).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BSN04	337	**Time**	M	TM	4/8	Must use	1

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
DLMS Note: *1. Express the originating activity's time in UTC.*

2. Express time in a four-position (HHMM) format.

BSN06	640	**Transaction Type Code**	X	ID	2/2	Used	1

Description: Code specifying the type of transaction

Code	Name
AZ	Disposal Shipment Advice

DLMS Note:
Use to indicate this transaction provides Hazardous Material/Hazardous Waste shipment status information for turn-in of material to DLA Disposition Services.

HL	**Hierarchical Level**	**Pos: 0100**	**Max: 1**
		Detail - Mandatory	
		Loop: HL	**Elements: 3**

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

DLMS Note:

1. The transaction set hierarchical data structure is address information and DTID record. The DTID container, EPA waste code, and state waste code records are children to the DTID record and are used as applicable.

2. Use the first 2/HL/0100 loop iteration to provide transaction set originator and recipient address information.

3. Use the second 2/HL/0100 loop iteration to identify the DTID record information.

4. Use additional 2/HL/0100 loop iterations to identify the DTID container record, EPA waste code record, and state waste code record as applicable.

5. Use an additional 2/HL/0100 loop iteration to identify financial information in support of SLOA/Accounting Classification requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use	1
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure					
		DLMS Note: *In the first 2/HL/0100 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.*					
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used	1
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to					
		DLMS Note: *1. Use to provide association (parent/child relationship) between the DTID record and any DTID container, EPA waste code, and state waste code records, as applicable. Use in the subordinate (child) loop to identify the HL01 ID Number of the DTID Record loop (HL01=2).*					
		2. Not applicable to address and DTID Record loops.					

| HL03 | 735 | **Hierarchical Level Code** | M | ID | 1/2 | Must use | 1 |

Description: Code defining the characteristic of a level in a hierarchical structure

<u>Code</u>	<u>Name</u>

V   Address Information

> **DLMS Note:**
> *Use to identify the address loop which specifies the transaction originator and recipient. Use only one address loop per transaction.*

W   Transaction Reference Number

> **DLMS Note:**
> *Use to identify the DTID record loop which specifies the document number and associated shipment information. Use only one DTID record loop per transaction.*

CN   Container

> **DLMS Note:**
> *Use to identify the DTID container record loop which specifies the storage location code, container weight/volume and the accumulation start date for the DTID record. Repeat this loop as necessary and identify the parent loop as the DTID record loop.*

FI   Financial Information

> **DLMS Note:**
> *Use to identify the Finance loop to provide DoD SLOA/Accounting Classification information. The Finance loop includes only the REF/1500 and DTM/2000 segments.*

HE   EPA Waste

> **DLMS Note:**
> *1. Use to identify the EPA waste code record loop which specifies the applicable EPA waste codes associated with the shipment. Repeat this loop as necessary and identify the parent loop as the DTID record loop.*
>
> *2. At this time a local code 'HE' is established for use in the 856W, version 4030. A data maintenance action has been submitted for establishment of 'HE – EPA Waste Code' in a future version.*

ST   State

> **DLMS Note:**
> *1. Use to identify the DTID state waste code record loop which specifies the applicable state waste codes associated with the shipment. Repeat this loop as necessary and identify the parent loop as the DTID record loop.*
>
> *2. Qualifier ST is a migration code approved for use in X12 version 4040.*

LIN   Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 6

User Option (Usage): Used
Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

DLMS Note:

Must use only in 2/HL/0100 Code W DTID Record loop to identify the material shipped/turned in.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
FT	Federal Supply Classification

DLMS Note:
Use to identify the FSC of the material. Include the National Item Identification Number (NIIN) or Local Stock Number (LSN) in the LIN04/LIN05 as applicable.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use	1

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
FS	National Stock Number

		DLMS Note: *Use to identify the NSN of the material.*					
	NN	National Item Identification Number					
		DLMS Note: *1. Use to identify the NIIN of the material. Include the corresponding FSC in the LIN03/LIN04.* *2. Qualifier NN is a migration code approved for use in X12 version 5020.*					
	SW	Stock Number					
		DLMS Note: *Use to identify the local stock number (LSN). Include the corresponding FSC in the LIN03/LIN04.*					
	ZZ	Mutually Defined					
		DLMS Note: *May be used for legacy GENCOMM to DLMS conversion when the translator cannot determine a more appropriate code.*					
LIN05	234	**Product/Service ID**	X	AN	1/48	Used	1
		Description: Identifying number for a product or service					
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					

Code	**Name**
CN	Commodity Name
	DLMS Note: *Use with LIN04 codes SW or ZZ to identify the material name or description.*

LIN07	234	**Product/Service ID**	X	AN	1/48	Used	1
		Description: Identifying number for a product or service					

SN1   Item Detail (Shipment)

Pos: 0300   Max: 1
Detail - Optional
Loop: HL   Elements: 2

User Option (Usage): Used
Purpose: To specify line-item detail relative to shipment

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

DLMS Note:

Must use only in 2/HL/0100 Code W DTID record loop to identify the number of units shipped/turned in.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use	1
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set **DLMS Note:** *Must use only in 2/HL/0100 Code W DTID record loop to identify the number of units shipped/turned in.*					
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **DLMS Note:** *1. Use to identify the unit of issue for the material.* *2. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.* **All valid standard codes are used.**					

PID   Product/Item Description

<div>

Pos: 0700   **Max: 200**
Detail - Optional
Loop: HL   **Elements: 4**

</div>

User Option (Usage): Used
Purpose: To describe a product or process in coded or free-form format

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

DLMS Note:

Must use only in 2/HL/0100 Code W DTID record loop to provide the waste description information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID01	349	**Item Description Type**	M	ID	1/1	Must use	1
		Description: Code indicating the format of a description					

Code	Name
X	Semi-structured (Code and Text)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID03	559	**Agency Qualifier Code**	X	ID	2/2	Used	1
		Description: Code identifying the agency assigning the code values					

Code	Name
DL	Defense Logistics Agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID04	751	**Product Description Code**	X	AN	1/12	Used	1
		Description: A code from an industry code list which provides specific data about a product characteristic					

DLMS Note: *Use the following codes to identify the waste description line number:*

WDL1 - Waste Description Line 1
WDL2 - Waste Description Line 2
WDL3 - Waste Description Line 3
WDL4 - Waste Description Line 4

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID05	352	**Description**	X	AN	1/80	Used	1

         Description: A free-form description to
         clarify the related data elements and their
         content

MEA	Measurements		Pos: 0800 Max: 40
			Detail - Optional
			Loop: HL Elements: 4

User Option (Usage): Used
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. C0504 - If MEA05 is present, then MEA04 is required.
3. C0604 - If MEA06 is present, then MEA04 is required.
4. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
5. E0803 - Only one of MEA08 or MEA03 may be present.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA01	737	**Measurement Reference ID Code**	O	ID	2/2	Used	1
		Description: Code identifying the broad category to which a measurement applies					

Code	Name
CT	Counts

> **DLMS Note:**
> *Use in the HL03 code W loop to identify the number of containers. Enter the quantity in the MEA03.*

WA	Waste Amount

> **DLMS Note:**
> *Use in the HL03 code W loop with MEA02 code VWT to identify the Disposal Total Weight/Volume.*

WT	Weights

> **DLMS Note:**
> *Use in the HL03 code CN loop with MEA02 code VWT to identify the Container Weight/Volume.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA02	738	**Measurement Qualifier**	O	ID	1/3	Used	1
		Description: Code identifying a specific product or process characteristic to which a measurement applies					

Code	Name
VWT	Volume Weight

> **DLMS Note:**
> *Use in the HL03 code W loop with MEA01 code WA or WT. Enter volume weight in the MEA03.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA03	739	**Measurement Value**	X	R	1/20	Used	1
		Description: The value of the measurement					
MEA04	C001	**Composite Unit of Measure**	X	Comp		Used	1
		Description: To identify a composite unit of measure(See Figures Appendix for					

examples of use)
Comments:
1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.
4. If C001-06 is not used, its value is to be interpreted as 1.
5. If C001-08 is not used, its value is to be interpreted as 1.
6. If C001-09 is not used, its value is to be interpreted as 1.
7. If C001-11 is not used, its value is to be interpreted as 1.
8. If C001-12 is not used, its value is to be interpreted as 1.
9. If C001-14 is not used, its value is to be interpreted as 1.
10. If C001-15 is not used, its value is to be interpreted as 1.

MEA04-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

DLMS Note: *1. For DLMS use, only the following codes are authorized.   DLMS users see the Unit of Issue and Purchase Unit Conversion table for code conversions between X12 and DOD.*

2. In the HL03 code W loop, the following codes are authorized for use: CR, CY, GA, KG, LB, LT, MP, and NS.

Code	Name
CR	Cubic Meter

DLMS Note:
   GenComm equivalent code is C.

CY	Cubic Yard

DLMS Note:
   GenComm equivalent code is Y.

GA	Gallon

DLMS Note:
   GenComm equivalent code is G.

KG	Kilogram

DLMS Note:
   GenComm equivalent code is K.

LB	Pound

DLMS Note:
   GenComm equivalent code is P.

LT	Liter

DLMS Note:
   GenComm equivalent code is L.

NS	Short Ton

DLMS Note:
   GenComm equivalent code is T.

PKG   Marking, Packaging, Loading

Pos: 1000   Max: 25
Detail - Optional
Loop: HL   Elements: 3

User Option (Usage): Used

Purpose: To describe marking, packaging, loading, and unloading requirements

Syntax Rules:

1. R040506 - At least one of PKG04, PKG05 or PKG06 is required.
2. C0403 - If PKG04 is present, then PKG03 is required.
3. C0501 - If PKG05 is present, then PKG01 is required.

Semantics:

1. PKG04 should be used for industry-specific packaging description codes.

Comments:

1. Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2. If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
3. Use PKG03 to indicate the organization that publishes the code list being referred to.
4. Special marking or tagging data can be given in PKG05 (description).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PKG01	349	**Item Description Type**	X	ID	1/1	Used	1
		Description: Code indicating the format of a description					

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PKG02	753	**Packaging Characteristic Code**	O	ID	1/5	Used	1
		Description: Code specifying the marking, packaging, loading and related characteristics being described					

Code	Name
CB	Container Type

> **DLMS Note:**
> *Use in the HL03 code W loop to provide a narrative of the container type and its associated container volume (e.g., 55 gallon drum).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PKG05	352	**Description**	X	AN	1/80	Used	1
		Description: A free-form description to clarify the related data elements and their content					

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200   **Max: 12**
Detail - Optional
Loop: HL   **Elements: 1**

User Option (Usage): Used
Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

DLMS Note:

Use only in 2/HL/0100 Code W DTID record loop to identify the mode of shipment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD504	91	**Transportation Method/Type Code**	X	ID	1/2	Used
		Description: Code specifying the method or type of transportation for the shipment **DLMS Note:** *DLMS users see the Transportation Mode of Shipment Conversion Table for available codes. This will be the initial mode of shipment applicable at the time the shipment status is created by the shipping activity.*				

REF   Reference Identification

Pos: 1500	**Max:** >1
Detail - Optional	
Loop: HL	**Elements:** 3

User Option (Usage): Used
Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DLMS Note:

1. Must use in 2/HL/0100 Code FI Finance loop to provide the SLOA information. Cost object elements, Project Identifier, Funding Center Identifier, Functional Area, Cost Element Code, Cost Center Identifier, Activity Identifier, and Work Order Number are used as appropriate for the generating system.

2. Use in the 2/HL/0100 Code W DTID Record loop to provide the transportation control number and associated transportation tracking numbers.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Code	Name
2E	Foreign Military Sales Case Number

DLMS Note:
Use in the HL03 code FI loop to identify Security Cooperation Case Designator.

2I	Tracking Number

DLMS Note:
Use in the HL03 code W loop to identify all shipments to a DLA Disposition Services Field Office that qualify for in transit control procedures (e.g., the shipped materiel line item value is $800 or more or the item is recorded as pilferable/sensitive). Cite Y in REF02 if shipment meets specified criteria.

79	Cost Account

DLMS Note:
Use in the HL03 code FI loop to identify Cost Center Identifier.

91	Cost Element

DLMS Note:
Use in the HL03 code FI loop to identify Cost Element Code.

98	Container/Packaging Specification Number

DLMS Note:
Use in the HL03 code CN loop to identify the Container Number.

9X	Account Category

DLMS Note:
Use in the HL03 code FI loop to identify Functional Area.

BE	Business Activity

DLMS Note:
Use in the HL03 code FI loop to identify Activity Identifier.

C7	Contract Line Item Number

DLMS Note:
Use in the HL03 code W loop to identify the Hazard Item Number associated with the contract number.

CT	Contract Number

DLMS Note:
Use in the HL03 code W loop to identify the Contract Number.

DP	Department Number	
	DLMS Note: *Use in the HL03 code FI loop to identify Department Regular.*	
~~FB~~	~~File Transfer Form Number~~	
	~~DLMS Note:~~ *~~Use in the HL03 code W loop to identify the GENCOMM Transaction File Format Version.~~*	
FU	Fund Code	
	DLMS Note: *Use in the HL03 code W loop to identify the Fund Code.*	
JB	Job (Project) Number	
	DLMS Note: *Use in the HL03 code FI loop to identify Project Identifier.*	
LI	Line Item Identifier (Seller's)	
	DLMS Note: *Use in the HL03 code FI loop to identify Security Cooperation Case Line Item Identifier.*	
M1	Material Storage Location	
	DLMS Note: *Use in the HL03 code CN loop to identify the Storage Location Code.*	
MS	Manufacturer's Material Safety Data Sheet Number	
	DLMS Note: *Use in the HL03 code W loop to identify the Material Safety Data Sheet Number.*	
PA	Price Area Number	
	DLMS Note: *Use in the HL03 code W loop to identify the Issue Unit Price.*	
TF	Transfer Number	
	DLMS Note: *Use in the HL03 code FI loop to identify Department Transfer.*	
TG	Transportation Control Number	
	DLMS Note: *Use in the HL03 code W loop to identify Transportation Control Number.*	
TN	Transaction Reference Number	
	DLMS Note: *Use in the HL03 code W loop to identify the document number.*	
V0	Version	
	DLMS Note: *Use in the HL03 code W loop to identify the Generator's Software Release Version Number.*	
WO	Work Order Number	
	DLMS Note: *Use in the HL03 code FI loop to identify Work Order Number.*	
AGY	Agency Disbursing Identifier Code	
	DLMS Note: *1. Use in the HL03 code FI loop to identify Agency Disbursing Identifier Code.* *2. Qualifier AGY is a migration code approved for use in X12 version 7020.*	
AGZ	Agency Accounting Identifier	
	DLMS Note: *1. Use in the HL03 code FI loop to identify Agency Accounting Identifier.* *2. Qualifier AGZ is a migration code approved for use in X12 version 7020.*	
AVT	Availability Type	
	DLMS Note: *1. Use in the HL03 code FI loop to identify Availability Type.* *2. Qualifier AVT is a migration code approved for use in X12 version 7020.*	
BET	Business Event Type Code	
	DLMS Note: *1. Use in the HL03 code FI loop to identify Business Event Type Code.* *2. Qualifier BET is a migration code approved for use in X12 version 7020.*	
BLI	Budget Line Item	

	DLMS Note:
	1. Use in the HL03 code FI loop to identify Budget Line Item.
	2. Qualifier BLI is a migration code approved for use in X12 version 7020.
CAL	U.S. Environmental Protection Agency (EPA) Hazardous Waste Code
	DLMS Note:
	1. Use in the HL03 code HE loop to identify the EPA Waste Code.
	2. Qualifier CAL is a migration code approved for use in X12 version 4040.
CAN	State Hazardous Waste Code
	DLMS Note:
	1. Use in the HL03 code ST loop to identify the State Waste Code.
	2. At this time a local code 'CAN' is established for use in the 856W, version 4030. A data maintenance action has been submitted for establishment of 'CAN – State Hazardous Waste Code' in a future version.
ECA	Fund Identifier
	DLMS Note:
	Use in the HL03 code FI loop to identify Funding Center Identifier.
MAT	Main Account
	DLMS Note:
	1. Use in the HL03 code FI loop to identify Main Account.
	2. Qualifier MAT is a migration code approved for use in X12 version 7020.
MDN	Hazardous Waste Manifest Document Number
	DLMS Note:
	Use in the HL03 code W loop to identify the Receipt Manifest Number.
REB	Reimbursable Code
	DLMS Note:
	1. Use in the HL03 code FI loop to identify Reimbursable Flag.
	2. Qualifier REB is a migration code approved for use in X12 version 7020.
SAT	Sub Account
	DLMS Note:
	1. Use in the HL03 code FI loop to identify Sub Account.
	2. Qualifier SAT is a migration code approved for use in X12 version 7020.
SBA	Sub-Allocation
	DLMS Note:
	1. Use in the HL03 code FI loop to identify Sub-Allocation (formerly known as Limit/Subhead).
	2. Qualifier SBA is a migration code approved for use in X12 version 7020.
SCC	Security Cooperation Customer Code
	DLMS Note:
	1. Use in the HL03 code FI loop to identify Security Cooperation Customer Code.
	2. A field size exceeding 2 positions is not supportable under current MILSTRIP processes. Three character codes are not authorized at this time.
	3. Qualifier SCC is a migration code approved for use in X12 version 7020.
SCI	Security Cooperation Implementing Agency
	DLMS Note:
	1. Use in the HL03 code FI loop to identify Security Cooperation Implementing Agency.
	2. A field size exceeding 3 positions is not supportable under current MILSTRIP processes. Four character codes are not authorized at this time.
	3. Qualifier SCI is a migration code approved for use in X12 version 7020.
SCL	Sub Class
	DLMS Note:
	1. Use in the HL03 code FI loop to identify Sub Class.

			2. Sub Class is a potential future DLMS enhancement.					
			3. Qualifier SCL is a migration code approved for use in X12 version 7020.					
		WPN	Waste Profile Sheet Number					
			DLMS Note:					
			1. Use in the HL03 code W loop to identify the Waste Profile Sheet Number.					
			2. At this time a local code 'WPN' is established for use in the 856W, version 4030. A data maintenance action has been submitted for establishment of 'WPN – Waste Profile Sheet Number" in a future version.					
		XX4	Object Code					
			DLMS Note:					
			1. Use in the HL03 code FI loop to identify Object Class.					
			2. Qualifier XX4 is a migration code approved for use in X12 version 4040.					
REF02	127	**Reference Identification**	X	AN	1/50	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
REF04	C040	**Reference Identifier**	O	Comp		Used	1
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier **Syntax:** 1. P0304 - If either C04003 or C04004 is present, then the other is required. 2. P0506 - If either C04005 or C04006 is present, then the other is required. **DLMS Note:** *Use REF04 to associate data with the REF01. When needed, use codes from REF04-01 and the next available combination of data element 128/127 pairs to provide the necessary data.*					
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification **DLMS Note:** *Use one of codes 08, AW, BL, BM, IZ, K2, K3, ZH, or WY with REF01 code TG (TCN) to identify a secondary transportation number. Where applicable, two secondary transportation numbers may be provided, e.g. the carrier tracking number (PRO) may be identified in REF04-01 and the bill of lading number (commercial or Government) may be identified in REF04-03.*					

Code	Name
08	Carrier Assigned Package Identification Number
	DLMS Note: *Use in the HL03 code W loop to identify carrier tracking (PRO) number (when carrier is other than the United States Postal Service). Use recommended in conjunction with identification of the carrier (2/N101/2200 qualifier CA).*
AW	Air Waybill Number
	DLMS Note: *Use in the HL03 code W loop to identify the shipment unit air waybill number.*
BL	Government Bill of Lading
	DLMS Note: *Use in the HL03 code W loop to identify the government bill of lading.*
BM	Bill of Lading Number

		DLMS Note: *Use in the HL03 code W loop to identify the shipment unit commercial bill of lading number.*						
	IZ	Insured Parcel Post Number						
		DLMS Note: *Use in the HL03 code W loop to identify the shipment unit insured parcel post number.*						
	K2	Certified Mail Number						
		DLMS Note: *Use in the HL03 code W loop to identify the shipment unit certified mail number.*						
	K3	Registered Mail Number						
		DLMS Note: *Use in the HL03 code W loop to identify the shipment unit registered parcel post number.*						
	W8	Suffix						
		DLMS Note: *Use to identify the suffix code, if applicable, associated to the document number (REF01=TN).*						
	WY	Waybill Number						
		DLMS Note: *Use in the HL03 code W loop to identify the shipment unit surface waybill number.*						
	ZH	Carrier Assigned Reference Number						
		DLMS Note: *Use in the HL03 code W loop to identify the shipment unit express mail number.*						
REF04-02	127	**Reference Identification**	M	AN	1/50	Must use	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

PER   Administrative Communications Contact

Pos: 1510	**Max: 3**
Detail - Optional	
Loop: HL	**Elements: 4**

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER01	366	**Contact Function Code**	M	ID	2/2	Must use	1
		Description: Code identifying the major duty or responsibility of the person or group named					

Code	Name
IC	Information Contact

> **DLMS Note:**
> Use in the HL03 code W loop to identify the point of contact.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER02	93	**Name**	O	AN	1/60	Used	1
		Description: Free-form name					
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used	1
		Description: Code identifying the type of communication number					

Code	Name
AU	Defense Switched Network

> **DLMS Note:**
> Use in the HL03 code W loop to identify the DSN phone number.

Code	Name
EM	Electronic Mail

> **DLMS Note:**
> Use in the HL03 code W loop to identify the email address.

Code	Name
TE	Telephone

> **DLMS Note:**
> Use in the HL03 code W loop to identify the commercial phone number.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER04	364	**Communication Number**	X	AN	1/256	Used	1
		Description: Complete communications number including country or area code when applicable					

DTM   **Date/Time Reference**

Pos: 2000	**Max: 10**
Detail - Optional	
Loop: HL	**Elements: 2**

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

DLMS Note:

Must use in 2/HL/0100 Code FI Finance loop to provide the SLOA information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

Code	Name
011	Shipped

DLMS Note:
Use in the HL03 code W loop to identify the shipment date.

051	Cumulative Quantity Start

 DLMS Note:
 Use in the HL03 code W and CN loops to identify the accumulation start date.

283	Funds Appropriation – Start

DLMS Note:
1. Use in the HL03 code FI loop to identify Beginning Period of Availability Fiscal Year Date.

2. Use as appropriate to represent Program Year. Availability Type Code must be "X".

284	Funds Appropriation – End

DLMS Note:
Use in the HL03 code FI loop to identify Ending Period of Availability Fiscal Year Date.

585	Report

DLMS Note:
Use in the HL03 code W loop to identify the Waste Profile Established Date.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	X	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

N1   Name

Pos: 2200	**Max: 1**
Detail - Optional	
Loop: N1	**Elements: 5**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
BT	Bill-to-Party

DLMS Note:
 Use in the HL03 code V loop to identify the Bill to DoDAAC.

Code	Name
CA	Carrier

DLMS Note:
1. Use to identify the shipment unit carrier when other than the United States Postal Service.
2. The carrier may be identified by name (N102) and Standard Carrier Alpha Code (SCAC).

Code	Name
HZ	Hazardous Waste Generator

DLMS Note:
 Use in the HL03 code V loop to identify the Hazardous Material/Hazardous Waste Generator's File Transfer DoDAAC. Use with code FR in the N106.

Code	Name
PW	Pick Up Address

DLMS Note:
 Use in the HL03 code V loop to identify the Pickup DoDAAC.

Code	Name
ST	Ship To

DLMS Note:
Use to identify the DLA Disposition Services Field Office.

Code	Name
ZD	Party to Receive Reports

DLMS Note:
 Use in the HL03 code V loop to identify DLA Disposition Services Field Office RIC as the transaction recipient. Use with code TO in the N106.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N102	93	**Name**	X	AN	1/60	Used	1

Description: Free-form name
DLMS Note: Use with the N101=PW to identify the organization code. This represents the shop (e.g., motor pool, paint shop) that generated the waste for turn-in.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name

	2	Standard Carrier Alpha Code (SCAC)					
	10	Department of Defense Activity Address Code (DODAAC)					
	M4	Department of Defense Routing Identifier Code (RIC)					
N104	67	**Identification Code**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

N106	98	**Entity Identifier Code**	O	ID	2/3	Used	1

Description: Code identifying an organizational entity, a physical location, property or an individual

<u>Code</u>	<u>Name</u>
FR	Message From

DLMS Note:
Use in the HL03 code V loop with N101 code HZ to identify the Hazardous Material/Hazardous Waste Generator's File Transfer DoDAAC is the transaction originator.

TO	Message To

DLMS Note:
Use in the HL03 code V loop with N101 code ZD to identify DLA Disposition Services Field Office RIC is the transaction recipient.

N2   Additional Name Information

Pos: 2300	**Max: 2**
Detail - Optional	
Loop: N1	**Elements: 1**

User Option (Usage): Used
Purpose: To specify additional names

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N201	93	Name	M	AN	1/60	Must use	1

Description: Free-form name
DLMS Note: *Use in the HL03 code W loop with N101=PW to identify the Type of Operation associated with the Organization Code. Enter either the three position code or the equivalent narrative. Source code list is OMB #2050-0024 (EPA Form 8700-13 A/B), http://www.epa.gov/waste/inforesources/data/br11/br2011rpt.pdf.*

N3   Address Information

<table>
<tr><td>Pos: 2400</td><td>Max: 2</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N301	166	Address Information	M	AN	1/55	Must use	1

Description: Address information
DLMS Note: *Use in HL03 code V loop with N101=PW to identify the Building Number of the pickup DoDAAC for material that is turned in as receipt in place.*

SAC	Service, Promotion, Allowance, or Charge Information	Pos: 3200	Max: 1
		Detail - Optional	
		Loop: SAC	Elements: 4

User Option (Usage): Used
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use	1
		Description: Code which indicates an allowance or charge for the service specified					

Code	Name
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SAC03	559	**Agency Qualifier Code**	X	ID	2/2	Used	1
		Description: Code identifying the agency assigning the code values					

Code	Name
DL	Defense Logistics Agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN	1/10	Used	1
		Description: Agency maintained code identifying the service, promotion, allowance, or charge					

		DLMS Note: *1. The following codes are authorized for use:* *TDC - Total Disposal Cost* *2. Use in the HL03 code W loop to identify the Total Disposal Cost.*					
SAC05	610	**Amount**	O	N2	1/15	Used	1
		Description: Monetary amount					

LM   Code Source Information

<table>
<tr><td>Pos: 3400</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: LM</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used
Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

DLMS Note:

Must use only in the 2/HL/0100 DTID Record loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

<table>
<tr><td>Pos: 3500</td><td align="right">Max: 100</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: LM</td><td align="right">Elements: 2</td></tr>
</table>

User Option (Usage): Must use
Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

DLMS Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Used	1

Description: Code identifying a specific industry code list
DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
0	Document Identification Code

> **DLMS Note:**
> *Not applicable. Although this 856W will be recognized as the equivalent of the legacy MILSTRIP DIC AS3 for purposes of Intransit Control System (ICS) monitoring, there is no DIC assigned for the HM/HW shipment status.*

83	Supply Condition Code

> **DLMS Note:**
> *Use to identify the supply condition code of the turn-in material.*

88	Disposal Authority Code

> **DLMS Note:**
> *Use to identify the disposal authority code to indicate that the designated material is authorized for shipment to a DLA Disposition Service Field Office.*

AK	Distribution Code

> **DLMS Note:**
> *Enter "9" to indicate DLA Disposition Services.*

BC	Transportation Holding Delay Code

> **DLMS Note:**
> *1. Use to identify the shipment hold code.*
>
> *2. Use to identify the reason a shipment unit is not shipped. This includes delays occurring immediately after materiel is picked, packed, marked and made ready for shipment. It also includes receipt in place shipments.*

DF	Media and Status Code

> **DLMS Note:**
> *Enter "0" to indicate no status other than mandatory shipment status to the ship-to activity.*

FD	Demilitarization Code

> **DLMS Note:**
> *Use to identify the demilitarization code for the turn-in material.*

GQ	Group Qualifier Code

> **DLMS Note:**
> *1. Use to identify the Materiel Management Aggregation Code (MMAC) for items managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element.*
>
> *2. In the GenComm Standard, this is represented as data element "Additional Data" in the DTID record.*

| | | *3. A data maintenance action was approved in version 5010. The approved code/name is "MAC – Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.* |
| DSI | Disposition Services Indicator | |

DLMS Note:

1. Use to provide the Disposition Services Indicator to identify the nature of the turn-in.

2. The following codes are authorized for use:

HM - Hazardous Material (GENCOMM equivalent code is M)
HW - Hazardous Waste (GENCOMM equivalent code is W)
US – Useable Property (GENCOMM equivalent code is N)
SC – Scrap (GENCOMM equivalent code is S)
SS – Special Services (GENCOMM equivalent code is P)

3. At this time a local code 'DSI is established for use in the 856S, version 4030. A data maintenance action has been submitted for establishment of 'DSI- Disposition Services Indicator' in a future version.

SMI	Special Material Identification Code

DLMS Note:

1. Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. In the GenComm Standard, this is represented as data element "Additional Data" in the DTID record.

LQ02	1271	**Industry Code**	X	AN	1/30	Used	1

Description: Code indicating a code from a specific industry code list

SE   Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		DLMS Note: *Cite the same number as the one cited in ST02.*					

Enclosure 6

DLM 4000.25 Volume 2, Chapter 16 Updates

The following paragraphs are updated as indicated. Insertions are identified by *red, bold, italics*. Deletions are identified by ~~double strikethrough~~.

[Preceding paragraphs intentionally omitted]

       C16.5.1.4. <u>Receipt in Place Documentation Processing at the DLA Disposition Services Field Office</u>. For receipt in place excess property where the DoD generator has provided a DLMS 856S Shipment Status (and DLMS *841W* ~~996H~~ for Hazardous Waste), the Distribution Standard System (DSS) due-in report is authorized to be used by DLA Disposition Services without a hard copy DD Form 1348-1A or DD Form 1348-2 for receipt, so long as all required information for turn-in is included in the automated file.

[Intervening paragraphs intentionally omitted]

       C16.5.2.1. <u>Shipment Status</u>. The DLA Disposition Services Field Offices will use the DLMS 856*W*~~S~~ to electronically capture and validate information about inbound HM/HW property from a customer that is shipping property to a DLA Disposition Services field office prior to physical receipt. The information contained within the transaction is used by DLA Disposition Services field offices to schedule inbound shipments and to match the inbound shipment to a Hazardous Waste Profile Sheet (HWPS). In addition to data requirements for shipment status of non-hazardous materi*a*ls, shipment status for HW/HM will add the following: DTID number or DTID number and suffix number, HWPS number, disposal authority code, disposition services indicator code, item nomenclature, SCC, special materiel identification code, materiel management aggregation code, and DEMIL code. This additional information will assist the DLA Disposition Services Field Offices with the receipt, inspection, and materiel identification of the HM/HW turn-ins. *The DLMS 856S/legacy DIC AS3 should not be transmitted when the 856W is provided*. See DLA Disposition Services I 4160.14, "Operating Instructions for Disposition Management," for appropriate code value lists.

       C16.5.2.2. <u>Hazardous Waste Profile Sheet (DLMS *841W* ~~996H~~ Hazardous *Material/Hazardous* Waste Profile ~~Transaction~~)</u>. The HWPS provides detailed information/analysis relative to the waste stream being turned in to the DLA Disposition Field Office. This information will be provided prior to receipt to allow for compatible storage arrangements and will facilitate DLA Disposition Services' ability to plan, manage, schedule, and report on inbound shipments to maximize the efficiency of the receiving process.

       C16.5.2.2.1. <u>Required Documents for Hazardous Waste/Hazardous Materi*a*l Turn-ins</u>. Turn-in activities are required to provide an HWPS, DLA Disposition Services Form 1930, or backup documents indicating lab or manufacturer's chemical analysis with the turn-in of each initial waste stream, and once a year thereafter. An HWPS is required with turn-ins of HW and used and/or opened HM that meets the definition of HW when discarded via disposal service contract. Used and/or opened HM is considered contaminated and may not be the same property described on a ~~Materiel~~ Safety Data Sheet (~~M~~SDS). See DoD 4160.21-M, Chapter 10, Paragraph D. Generators will complete the HWPS by providing information based upon user's knowledge or laboratory analysis of the waste. Supporting documentation, consisting of lab or manufacturer's chemical analysis, description of waste production

processes including raw materials, end products, and other sources documenting how the waste was generated, may be required if user's knowledge does not identify or characterize the waste sufficiently or correctly. All supporting documentation should accompany the physical shipment. A DLMS *841W* ~~996H~~ transaction can be used in lieu of a hard copy Form 1930 for HW received in place, however, hard copy Form 1930s will be required if HW is physically received at the Disposition Services Field Office or if a hard copy HWPS is required by Federal, State, or Local regulation.

[Intervening paragraphs intentionally omitted]

C16.5.2.2.5. Conversion of Department of Transportation Units of Issue to Standard X12 Units of Measure. The Department of Transportation (DoT) has its own unit of issue designations for HM/HW. In some cases, the level of granularity in X12 is not sufficient to uniquely identify the DoT Unit of Issue; in those cases, a composite set of measures from the X12 Data Elements MEA04 and MEA09 will be used to make the identification unique. See Table C16.T1. for the DoT-to-X12 Unit of Issue Conversion used in the DLMS 841W.

C16.T1. DoT-to-X12 Unit of Issue Conversion for the DLMS 841W

Unit of Issue Name Description	DoT UoI	X12 UoM (MEA04)	X12 UoM (MEA09)
Fiber or Plastic Box, Carton, Case	CF	BX	SD
Metal Box, Carton, Case	CM	BX	SE
Wood Box, Carton, Case	CW	BX	SF
Fiberboard or Plastic Drum, Barrel, Keg	DF	BR	SD
Metal Drum, Barrel, Keg	DM	BR	SE
Wooden Drum, Barrel, Keg	DW	BR	SF
Car	HG	NC	---
Tank Car	TC	1P	---
Cylinder	CY	CL	---
Tank	TP	TK	---
Tank Truck	TT	19	---

[Intervening paragraphs intentionally omitted]

C16.**5**.2.3. ~~Material~~ Safety Data Sheet Requirement

C16.**5**.2.3.1. ~~Material~~ Safety Data Sheet Hard Copy Requirement. Turn-in activities will provide a hard copy MSDS for hazardous materi*a*l in the absence of a Hazardous Material Information Repository System (HMIRS) Number. If there is a valid ~~M~~SDS in HMIRS, then indicate the ~~M~~SDS five digit alpha code from the HMIRS on the DTID (DD Form 1348-1A). This requirement applies to turn-ins of both used and unused HM, as well as opened or unopened HM. The ~~M~~SDS requirement does not apply to exclusions listed in 29 CFR 1910.1200(b)(6).

C16.**5**.2.3.2. Hazardous Materi*a*l Information/Documentation Requirements. The ~~M~~SDS will match the specific manufacturer of the hazardous materi*a*l and should include the manufacturer's name or contractor and Government entity (CAGE) code. In addition to an ~~M~~SDS, used and/or opened HM requires that the chemical name of any hazardous contaminants and the noun name of any non-hazardous contaminants will be identified on the DTID. This is required because

used and/or opened HM may have become contaminated with constituents not reflected on the ~~M~~SDS. A HWPS may also be required for used/opened HM going directly to waste disposal contract.

[Intervening paragraphs intentionally omitted]

C16.5.2.4.1. <u>Generator Communication Method</u>[1]. Use of the GenComm Server for automated turn-in of documentation to the DLA Disposition Services Field Office allows the military generator, using its HW disposal system, to electronically send email or upload the DTID, DD 1348-1A and the related HWPS. The GenComm server will transmit the HWPS and any correlating supply shipment status information to ~~DLA~~ Transaction Services using the standard XML-schema. Transaction Services will convert the information into a DLMS *841W* ~~996H~~ transaction and route to the appropriate DLA Disposition Services Field Office using a RIC plus suffix to site identification (ID) to valid RIC crosswalk table. This table will be maintained by DLA Disposition Services and provided to ~~DLA~~ Transactions Services as required. ~~DLA~~ Transaction Services will also generate the DLMS 856*W*~~S~~ HM/HW shipment status transaction from the information in the XML schema and send to the appropriate field office.

[Intervening paragraphs intentionally omitted]

C16.5.2.4.3. <u>Direct Communication with ~~DLA~~ Transaction Services</u>. ***Use of direct communications with DLA Transaction Services for automated turn-in of documentation to DLA Disposition Services is the preferred method of communication.*** ~~Those military generators with a~~ *A* Performance Based Agreement (PBA) with ~~DLA~~ Transaction Services *is required for a military generator's system to connect with DLA Transaction Services* ~~can bypass the GenComm server~~. The PBA should identify the military generator's DoDAAC to be used in the ~~HWPS~~ *DLMS 841W* transaction, as well as confirmation of capability of producing the DLMS 856*W*~~S shipment status~~, along with the DTID number and HWPS number and all other data required for HM/HW shipment status (see C16.4.2.1.). ~~The generator has the option of providing the DLA Transaction Services with the identical transactions currently provided to GenComm, the XML schema, or the actual DLMS 996H and 856S transactions. For generators not DLMS compliant, the DLA Transaction Services will map the 856S based on the inbound feed from the military generator.~~

~~C16.5.2.5. DLA Transaction Services mapping to 996H~~

~~C16.5.2.5.1. DLMS 996H. The DLMS 996H will serve as a file transfer message for conveying the GenComm standard and XML schema transactions to the receiving DLA Disposition Services Field Office.~~

~~C16.5.2.5.2. File Transfer Segments. The beginning segment for file transfer information will be used to convey the GenComm interface standard version number. The file information segments will be used to pass the XML tag name and content information associated with that tag name. In order to assist a receiving system with consuming the DLMS 996H transaction, each file information segment needs to include contextual information for the content being passed. This will be accomplished by pairing the file information segments. The first file information segment in a pair will provide the context for the pair (i.e., the GenComm data element name), while the subsequent file information segment(s) provide the content (i.e., the values associated with the data element~~

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[1] ***Components must plan to discontinue use of this method of turn-in for HM/HW and convert to generating the DLMS 841W and DLMS 856W in their generating systems. Refer to ADC 1131.***

~~name). The file transfer segments will continue to be paired until all the data elements associated with the GenComm inbound transaction have been successfully mapped to the DLMS 996H transaction.~~

C16.5.3. Receipt of Hazardous Materi*a*l/Hazardous Waste and Processing Related Hazardous Waste Profile Sheet. Upon receipt by DLA Disposition Services Field Office of the DLMS *841W* ~~996H~~ HM/HW Profile Sheet from ~~DLA~~ Transaction Services, the supporting system will parse the information into its database and store the individual HWPS records by HWPS reference number and DTID number. When HM/HW is turned in to the DLA Disposition Services field office, the system will search for a DLMS 527D Pre-positioned Materiel Receipt (PMR) to facilitate automated check-in. In the absence of the PMR, a search for the matching DLMS 856*W*~~S~~ shipment status will be conducted. Once the matching record is found, the system will use the DTID number or DTID number and suffix, and the HWPS reference number from the shipment status to pull the matching HWPS for the shipment to be receipted. If no electronic records are on file for the DTID number or DTID number and suffix, and the HWPS, the DLA Disposition Services Field Office personnel will be manually prompted to enter the information into their system based on the hard copy documentation accompanying the shipment.

[Intervening paragraphs intentionally omitted]

C16.*6.*2. Intransit Control System Suspense File. The ETID interface described above, shipment status transactions, *hazardous material/hazardous waste shipment status transactions,* or any receipts processed prior to shipment status meeting ICS criteria (see C16.*6.*1.1.), will initiate the ICS suspense file maintained as part of the DLA Disposition Services Field Office global record. This global record will be visible and available to all DLA Disposition Services Field Offices as required. At a minimum, the suspense file will contain the following data shown in Table C16.T1:

Table C16.T1. Turn-In Processing Data Requirements

DATA ELEMENT	SOURCE[2]
Original DTID Number	ETID/Shipment Status/Receipt
UCN	Receipt
NSN/FSC/FSG (if available)	ETID/Shipment Status/Receipt
Unit of Issue	ETID/Shipment Status/Receipt
Extended $ Value of Shipment (if available)	Calculated from FLIS unit price
Controlled Inventory Item Code	FLIS
Quantity Shipped	ETID/Shipment Status
Date of Shipment	ETID/Shipment Status
Quantity Received	Receipt
Date of Receipt	Receipt
Transmission Date of Disposition Services Turn-in Receipt Acknowledgement (TRA)	TRA
TRA Recipient DoDAAC	TRA
Extended Dollar Value of Receipt	Receipt

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[2] *References to shipment status in this table include both DLMS 856S/MILSTRIP Legacy AS3 and DLMS 856W. Refer to ADC 1131.*

Table C16.T1. Turn-In Processing Data Requirements

DATA ELEMENT	SOURCE[2]
$ Value of Quantity Variance Between Shipment and Receipt (if any)	(Internal Computation)

[Intervening paragraphs intentionally omitted]

        C16.*6.*4.1.9.7. <u>No Shipping Activity Record</u>. If the shipping activity has no record of generating a ~~DLMS 856S~~ *s*hipment *s*tatus transaction, but has received *either* a *TRA, or a* signed copy of the DTID, a DLMS 945A Disposal Shipment Confirmation (Transaction Type Code AZ) (MILSTRIP DIC ASZ functionality) showing the quantity receipted for the DTID number or DTID number and suffix will be sent in response to the DLMS 940R Disposal Shipment Confirmation Follow-up.

[Intervening paragraphs intentionally omitted]

        C16.*7.*7.2. <u>DLMS 527R Required Data Elements</u>. The DLMS 527R Receipt transaction includes the following data elements as applicable to support the disposition category code assignment process and to subsequently track other disposal processes: Bill to DoDAAC, DEMIL code, demilitarization integrity code, demilitarization performed code, disposition services accumulation number, disposition category code, disposition services container ID, disposition services complete container count, disposition services current container count, *disposition services term sales code,* disposition services indicator (e.g., Abandoned Property (AP) Indicator, Certificate Availability (CA) Indicator, Controlled Property Branch Verified as Not controlled (CPBV), DEMIL Instructions (DI) Indicator, HM Indicator, HW Indicator, or HWPS Indicator, Receipt-In-Place (RIP) Indicator, SA/LW Indicator, Wash Post (WP) Indicator), disposition services reimbursement code, disposition services UCN, DTID number or DTID number and suffix, DTID materiel description, hazardous materi*a*l indicator code, Industrial Plant Equipment (IPE) report number, ~~M~~SDS Number, model number (used only in conjunction with IPE Report Number), Sales Contract Number, Sales Contract Line Item Number, Service LSN, year of manufacturer (used only in conjunction with IPE Report Number).

Enclosure 7

DLM 4000.25 Volume 2, Appendix 7 Updates

The following paragraphs are updated as indicated. Insertions are identified by *red, bold, italics*. Deletions are identified by ~~double strikethrough~~.

A. Add Appendix 7.29 to the DLMS 4000.25 Volume 2, Appendix 7 index list.

AP7. APPENDIX 7

DATA ELEMENTS AND CODE INDEX

NUMBER	TITLE
AP7.29	*Hazardous Waste/Material Code*

B. Add new appendix for hazardous waste/material code list.

AP7.29. APPENDIX 7.29.

HAZARDOUS WASTE/MATERIAL CODE

NUMBER OF CHARACTERS:	One (Generator Communication Legacy)/Two (DLMS)
TYPE OF CODE:	Alpha
EXPLANATION:	Entered on the DTID Record supporting a Hazardous Material/Hazardous Waste Turn-In to DLA Disposition Services to identify the nature of the hazard and service request. The Generator Communication (GenComm) legacy format is one alpha character. Under the DLMS, this value is converted to a two position alpha character for alignment with the Disposition Services Indicator DLMS data element.
RECORD POSITION(S):	GENCOMM DTID Record Format (8th data element)
DLMS SEGMENT/QUALFIER	LQ Segment, LQ01 Data Element ID 1270 Qualifier "DSI – Disposition Services Indicator"

HAZARDOUS WASTE/MATERIAL CODE

CODE	EXPLANATION
HM	Hazardous Material. GenComm legacy equivalent code is M.
HW	Hazardous and Non-Regulated Waste. GenComm legacy equivalent code is W.
SC	Scrap Property. GenComm legacy equivalent code is S.
SS	Special Services Request. GenComm legacy equivalent code is P.
US	Useable Property. GenComm legacy equivalent code is N.

Enclosure 8

LOGDRMS Update to Logistics Qualifier Code DSI – Disposition Services Indicator

Update the codes and names as indicated. Insertions are identified by *red, bold, italics*. Deletions are identified by ~~double strikethrough~~.

CODE	NAME	DESCRIPTION
HM	HAZARDOUS MATERI*A*L	HAZARDOUS MATERI*A*L. *GENCOMM LEGACY EQUIVALENT CODE IS M.*
HW	HAZARDOUS WASTE	HAZARDOUS *AND NON-REGULATED* WASTE. *GENCOMM LEGACY EQUIVALENT CODE IS W.*
SC	*SCRAP PROPERTY*	*SCRAP PROPERTY. GENCOMM LEGACY EQUIVALENT CODE IS S.*
SS	*SPECIAL SERVICES REQUESTS*	*SPECIAL SERVICES REQUESTS. GENCOMM LEGACY EQUIVALENT CODE IS P.*
US	*USEABLE PROPERTY*	*USEABLE PROPERTY. GENCOMM LEGACY EQUIVALENT CODE IS N.*

Enclosure 9 Updates to DLMS Data Dictionary

Add (A)/ Mod (M)	Data Element	Definition	Location	Qualifier	Data Type	Min/ Max
A	*Generator's File Transfer DoDAAC*	*The DODAAC of the generator turning in the waste.*	*841W – 1/N101/1200* *856W - 1/N101/1200*	*HZ* *HZ*	*AN* *AN*	*6/6* *6/6*
~~A~~	~~*Transaction File Format Version*~~		~~*841W – 1/SPI02/0200*~~ ~~*856W – 2/REF01/1500*~~	~~*FB*~~ ~~*FB*~~	~~*AN*~~ ~~*AN*~~	~~*1/5*~~ ~~*1/5*~~
A	*Generator's Software Release Version Number*	*The software release version being used by the generator submitting the transaction.*	*841W – 1/REF01/0900* *856W – 1/REF01/0900*	*V0* *V0*	*AN* *AN*	*1/50* *1/50*
A	*Waste Profile Number*	*A unique number assigned to the waste stream for future reference.*	*841W – 2/SPI02/0200* *856W – 2/REF01/1500*	*WPN* *WPN*	*AN* *AN*	*3/20* *3/20*
A	*Generator Name*	*The official name of the generating facility associated with the United States Environmental Protection Agency Identification number.*	*841W – 2/N101/0510*	*HZ*	*AN*	*2/30*
A	*Generator USEPA ID*	*A 12 character alpha-numeric descriptor issued by the United States Environmental Protection Agency to the generating facility.*	*841W – 2/N901/0560*	*CAM*	*AN*	*1/13*
A	*Generator State ID*	*A descriptor issued by the Resident State to the generating facility.*	*841W – 2/N901/0560*	*ABO*	*AN*	*1/13*
A	*Technical Contact Name*	*Name of the person to contact for more information about the waste.*	*841W – 2/PER01/0550*	*BL*	*AN*	*2/30*
A	*Technical Contact Title*	*Technical Contact's official title.*	*841W – 2/N201/0520*	*---*	*AN*	*1/30*
A	*Technical Contact Phone*	*Technical Contact's telephone number.*	*841W – 2/PER03/0550*	*TE* *EX*	*AN*	*4/21*
A	*Waste Profile Established Date*	*Date the Waste Profile was established or recertified.*	*841W – 2/RDT03/0300*	*585*	*N*	*7/8*
A	*Name of Waste*	*A name that is generally descriptive of the waste.*	*841W – 2/PID02/0600*	*WT*	*AN*	*1/60*
A	*Process Generating Waste*	*A free-form description of the specific process/operation or source that generates the waste.*	*841W – 2/LOC01/0760*	*PHC*	*AN*	*1/60*
A	*Projected Annual Volume*	*A numerical value of the quantity of waste projected for turn-in annually.*	*841W – 2/QTY01/0700*	*TT*	*N*	*1/15*
A	*Projected Annual Volume Units*	*Used to identify the unit of measure for projected annual volumes.*	*841W – 2/QTY01/0700*	*XL*	*N*	*1/10*

Add (A)/ Mod (M)	Data Element	Definition	Location	Qualifier	Data Type	Min/ Max
A	Mode of Collection	A free-form description of the method used to collect and store the waste stream.	841W – 2/PKD01/0650	MXD	AN	1/15
A	Dioxin Waste Indicator	An indicator used to identify United States Environment Protection Agency identified dioxin waste.	841W – 2/CID04/1700	DXW	AN	1/1
A	Land Disposal Restrictions Indicator	An indicator used to identify waste restricted from land disposal.	841W – 2/CID04/1700	LDR	AN	1/1
A	Exemption Granted Indicator	An indicator used to identify if land disposal restricted waste has been granted an exemption.	841W – 2/CID04/1700	EXG	AN	1/1
A	Meets Treatment Standards Indicator	An indicator used to identify if waste meets applicable treatment standards.	841W – 2/CID04/1700	MTS	AN	1/1
A	Treatment Standard Reference	A free-form description of how and why these documents comply with the United States Environment Protection Agency Resource and Recovery Act requirements.	841W – 2/CID05/0800	---	AN	1/30
A	Color	A free-form description of the color of the waste.	841W – 2/CID04/1700	COL	AN	1/30
A	Density	The weight of a material for a given volume.	841W – 2/CID04/1700	DNS	AN	1/15
A	BTU/LB	The amount of British thermal units per pound for the hazardous waste.	841W – 2/CID04/1700	BTU	AN	1/10
A	Total Solids	The percentage of solid material in sludge or liquid.	841W – 2/CID04/1700	TSD	AN	1/15
A	Ash Content	Amount of incinerated product in the hazardous waste.	841W – 2/CID04/1700	ASH	AN	1/15
A	Layering	The number of unique phases of waste in the container.	841W – 2/CID04/1700	LAY	AN	1/12
A	Physical State	A description of the physical state of the waste stream.	841W – 2/CID04/1700	PHS	AN	1/10
A	Treatment Group	A description of whether the waste was generated by a water treatment system.	841W – 2/CID04/1700	TGR	AN	1/1
A	Ignitable Indicator	An indicator used to identify if the waste is ignitable (less than 140 degrees fahrenheit) as defined in 40 CFR.	841W – 2/CID04/1700	IGN	AN	1/1

Add (A)/ Mod (M)	Data Element	Definition	Location	Qualifier	Data Type	Min/ Max
A	*Flash Point*	*The minimum temperature at which a liquid gives off vapor within a test vessel in sufficient concentration to form an ignitable mixture with air near the surface of the liquid.*	*841W – 2/CID04/1700*	*FLP*	*AN*	*1/19*
A	*High TOC (≥10%) Indicator*	*An indicator used to identify if Total Organic Carbon for Ignitable Liquids meets or exceeds 10%.*	*841W – 2/CID04/1700*	*HTC*	*AN*	*1/1*
A	*Low TOC (<10%) Indicator*	*An indicator used to identify if Total Organic Carbon for Ignitable Liquids is less than 10%.*	*841W – 2/CID04/1700*	*LTC*	*AN*	*1/1*
A	*Reactive Indicator*	*An indicator used to identify if a waste is reactive as defined in 40 CFR.*	*841W – 2/CID04/1700*	*RAC*	*AN*	*1/1*
A	*Water Reactive Indicator*	*An indicator used to identify if a waste is reactive to water as defined in 40 CFR.*	*841W – 2/CID04/1700*	*WRC*	*AN*	*1/1*
A	*Cyanide Reactive Indicator*	*An indicator used to identify if a waste is reactive to cyanide as defined in 40 CFR.*	*841W – 2/CID04/1700*	*CRC*	*AN*	*1/1*
A	*Sulfide Reactive Indicator*	*An indicator used to identify if a waste is reactive to sulfide as defined in 40 CFR.*	*841W – 2/CID04/1700*	*SRC*	*AN*	*1/1*
A	*Corrosive Indicator*	*An indicator used to identify if a waste is corrosive as defined in 40 CFR.*	*841W – 2/CID04/1700*	*COR*	*AN*	*1/1*
A	*Ph*	*A measure of the corrosivity of the waste*	*841W – 2/CID04/1700*	*PPH*	*AN*	*1/8*
A	*Toxicity Characteristic Indicator*	*An indicator used to identify if a waste is toxic as defined in 40 CFR.*	*841W – 2/CID04/1700*	*TOX*	*AN*	*1/1*
A	*Corrodes Steel Indicator*	*An indicator used to identify if a waste is corrosive to steel as defined in the 40 CFR.*	*841W – 2/CID04/1700*	*CSL*	*AN*	*1/1*
A	*Copper Quantity*	*Numeric value of copper quantity.*	*841W – 2/MEA02/0740*	*ZCU*	*N*	*1/20*
A	*Copper Unit*	*Used to identify the unit of measure for copper quantity.*	*841W – 2/MEA04/0740*	*---*	*ID*	*1/5*
A	*Phenolic Quantity*	*Numeric value of phenolic quantity.*	*841W – 2/MEA02/0740*	*PHE*	*N*	*1/20*
A	*Phenolics Unit*	*Used to identify the unit of measure for phenolics quantity.*	*841W – 2/MEA04/0740*	*---*	*ID*	*1/5*
A	*Nickel Quantity*	*Numeric value of nickel quantity.*	*841W – 2/MEA02/0740*	*ZNI*	*N*	*1/20*

Add (A)/ Mod (M)	Data Element	Definition	Location	Qualifier	Data Type	Min/ Max
A	*Nickel Unit*	*Used to identify the unit of measure for nickel quantity.*	*841W – 2/MEA04/0740*	*---*	*ID*	*1/5*
A	*Total Halogens Quantity*	*Numerical value of halogens quantity.*	*841W – 2/MEA02/0740*	*HAL*	*N*	*1/20*
A	*Halogens Unit*	*Used to identify the unit of measure for halogens quantity.*	*841W – 2/MEA04/0740*	*---*	*ID*	*1/5*
A	*Zinc Quantity*	*Numerical value of zinc quantity.*	*841W – 2/MEA02/0740*	*ZZN*	*N*	*1/20*
A	*Zinc Unit*	*Used to identify the unit of measure for zinc quantity.*	*841W – 2/MEA04/0740*	*---*	*ID*	*1/5*
A	*Volatile Organics Quantity*	*Numerical value of volatile organics quantity.*	*841W – 2/MEA02/0740*	*AK*	*N*	*1/20*
A	*Volatile Organics Unit*	*Used to identify the unit of measure for volatile organics.*	*841W – 2/MEA04/0740*	*---*	*ID*	*1/5*
A	*Chromium Hex Quantity*	*Numerical value of chromium hex quantity.*	*841W – 2/MEA02/0740*	*ZCR*	*N*	*1/20*
A	*Chromium Hex Unit*	*Used to identify the unit of measure for chromium hex.*	*841W – 2/MEA04/0740*	*---*	*ID*	*1/5*
A	*PCB Quantity*	*Numeric value of polychlorinated biphenyl quantity.*	*841W – 2/MEA02/0740*	*PCB*	*N*	*1/20*
A	*PCB Unit*	*Used to identify the unit of measure for polychlorinated biphenyl*	*841W – 2/MEA04/0740*	*---*	*ID*	*1/5*
A	*Other Chemical Component Description*	*A free-form description to identify any other chemical components that may cause harm to humans or the environment.*	*841W – 2/PSD08/1120*	*---*	*AN*	*1/30*
A	*Other Chemical Component Quantity*	*Numerical value of other chemical component quantity.*	*841W – 2/MEA02/1100*	*OTE*	*N*	*1/20*
A	*Other Chemical Component Unit*	*Used to identify the unit of measure for other chemical component.*	*841W – 2/MEA04/1100*	*---*	*ID*	*1/5*
A	*DoT Hazardous Material Indicator*	*An indicator used to identify if waste is hazardous as defined by the United States Department of Transportation Office of Hazardous Materials Transportation in the 49 CFR.*	*841W – 2/CID04/1700*	*DHM*	*AN*	*1/1*
M	Proper Shipping Name	The name of a hazardous material as shown in 49 Code of Federal Regulations and related or similar publications.	*841W - 2/PKG04/0780*	--- *PSN1* *PSN2* *PSN3*	AN	1/200

Add (A)/ Mod (M)	Data Element	Definition	Location	Qualifier	Data Type	Min/ Max
A	*Hazard Class*	*Defines the type of risk a hazardous material poses. Title 49 of the Code of Federal Regulations Part 173.2 defines the class and division definitions.*	*841W – 2/REF01/0800*	*HD*	*AN*	*1/18*
M	United Nations (UN)/North American (NA) Identification Code	UN codes identify hazardous material and articles (such as explosives, flammable liquids, toxic substances, etc.) in the framework of international transport. North American codes are also known as DOT codes and are issued by the Department of Transportation; they are identical to UN codes, except that some substances without a UN number may have an NA number.	*841W – 2/REF01/0800*	--- *UN*	ID *AN*	6/6
A	*Additional Description*	*A free-form description to identify any other additional information on the waste.*	*841W – 2/CID04/1700*	*OTH*	*AN*	*1/60*
A	*Packing Type*	*A free-form description of the shipping package.*	*841W – 2/LIN02/0400*	*JP*	*AN*	*1/30*
A	*DoT Reportable Quantity*	*Numerical value of the amount of waste required to be reported in one container.*	*841W – 2/MEA02/0740*	*QUR*	*N*	*1/5*
A	*DoT Unit of Issue*	*Used to identify the unit of measure of the DoT Reportable Quantity.*	*841W – 2/MEA04/0740* *841W – 2/MEA09/0740*	---	*ID*	*1/5*
M	Packing Group Code	Use Roman Numerals I, II, or III to indicate the degree of danger for the hazardous material	*841W - 2/REF01/0800*	--- *PGC*	ID *AN*	1/3
A	*Emergency Response Guide Page Number*	*Numerical value of the page number of the United States Department of Transportation's Emergency Response Guidebook corresponding to the hazardous material/hazardous waste being shipped.*	*841W – 2/REF01/0800*	*P9*	*N*	*1/4*
A	*Edition*	*Numerical value of the Edition of the Department of Transportation's Emergency Response Guidebook corresponding to the Emergency Response Guide Page Number.*	*841W – 2/REF01/0800*	*RE*	*N*	*1/4*
A	*Special Handling Information*	*A free-from description of any special handling information for the hazardous material/hazardous waste.*	*841W – 2/CID04/1700*	*SHI*	*AN*	*1/90*

Add (A)/ Mod (M)	Data Element	Definition	Location	Qualifier	Data Type	Min/ Max
A	*Basis for Information*	*Describes the basis for the Resource Conservation and Recovery Act applicability for completing the waste profile sheet. (e.g. USER= User Knowledge, LAB = Laboratory Analysis, BOTH= Both User Knowledge and Lab Analysis.*	*841W – 2/CID04/1700*	*BAS*	*AN*	*1/4*
A	*RCRA Requirements*	*A free-form description of how Resource Conservation and Recovery Act requirements are being met.*	*841W – 2/CID04/1700*	*RCA*	*AN*	*1/255*
A	*Additional RCRA Requirements*	*An additional free-form description of how Resource Conservation and Recovery Act requirements are being met.*	*841W – 2/CID04/1700*	*RCB*	*AN*	*1/255*
A	*Certifier Name*	*The name of the person completing the DRMS 1930 Hazardous Waste Profile Sheet.*	*841W – 2/PER01/0550*	*CE*	*AN*	*1/45*
A	*Chemical Name*	*The name of the chemical.*	*841W – 2/PID02/0600*	*CCN*	*AN*	*2/60*
A	*Chemical Concentration*	*A free-form description of the numerical concentration of the chemical and the unit of measure of that concentration.*	*841W – 2/CID01/1700*	*CON*	*AN*	*1/30*
A	*Chemical Range*	*The range in which the component is present expressed as percent.*	*841W – 2/CID01/1700*	*RB*	*AN*	*2/30*
A	*CAS Identifier*	*The Chemical Abstract Number, which may be used instead of the chemical name in the component block.*	*841W – 2/REF01/0800*	*8D*	*AN*	*2/11*
A	*Underlying Hazardous Constituent*	*Underlying hazardous constituent means any constituent listed in º268.48, Table UTS - Universal Treatment Standards, except fluoride, selenium, sulfides, vanadium, and zinc, which can reasonably be expected to be present at the point of generation of the hazardous waste at a concentration above the constituent-specific UTS treatment standards.*	*841W – 2/CID04/1700*	*UHC*	*AN*	*1/1*
A	*EPA HW Number*	*The United States Environmental Protection Agency hazardous waste code.*	*841W – 2/REF01/0800*	*CAL*	*AN*	*4/4*

Add (A)/ Mod (M)	Data Element	Definition	Location	Qualifier	Data Type	Min/ Max
~~A~~	~~*Concentration Range*~~		~~*841W – 2/CID01/1700*~~	~~*RB*~~	~~*AN*~~	~~*2/30*~~
A	*EPA Unit*	*Used to identify the unit of measure for the EPA Hazardous Waste Number.*	*841W – 2/UIT01/1800*	*---*	*ID*	*2/5*
A	*Accumulation Start Date*	*The date the generator determines the item is hazardous waste.*	*856W – 2/DTM01/2000*	*051*	*DT*	*7/8*
A	*~~M~~SDS Number*	*The identifying Safety Data Sheet number.*	*856W – 2/REF01/1500*	*MS*	*AN*	*1/15*
A	*Receipt Manifest Number*	*The shipping manifest document number to the Disposition Services site.*	*856W – 2/REF01/1500*	*MDN*	*AN*	*1/17*
A	*Type of Container*	*A description of the packaging holding the hazardous waste.*	*856W – 2/PKG02/1000*	*CB*	*AN*	*1/60*
A	*Disposal Total Weight/Volume*	*Numeric value of the disposal total weight or volume.*	*856W – 2/MEA02/0800*	*VWT*	*N*	*1/6*
A	*Disposal Total Weight/Volume Unit*	*Used to identify the unit of measure for disposal total weight or volume.*	*856W – 2/MEA04/0800*	*---*	*ID*	*1/2*
A	*Organization Code*	*An optional code used to identify the specific workshop that generated the waste.*	*856W – 2/N101/2200*	*PW*	*AN*	*1/6*
A	*Building*	*The building location for the pickup of the waste.*	*856W – 2/N301/2200*	*---*	*AN*	*1/6*
A	*Type Operation*	*A free-form description of the specific process/operation or source that generates waste.*	*856W – 2/N101/2200* *856W – 2/N201/2200*	*PW*	*AN*	*1/60*
A	*Waste Description Line 1*	*A free-form description for additional information about the waste.*	*856W – 2/PID04/0700*	*WDL1*	*AN*	*1/60*
A	*Waste Description Line 2*	*An additional free-form description for additional information about the waste.*	*856W – 2/PID04/0700*	*WDL2*	*AN*	*1/60*
A	*Waste Description Line 3*	*An additional free-form description for additional information about the waste.*	*856W – 2/PID04/0700*	*WDL3*	*AN*	*1/60*
A	*Waste Description Line 4*	*An additional free-form description for additional information about the waste.*	*856W – 2/PID04/0700*	*WDL4*	*AN*	*1/60*
A	*HIN*	*The Hazard Item Number of the waste as described in the current hazardous waste contract.*	*856W – 2/REF01/1500*	*C7*	*AN*	*6/6*

Add (A)/ Mod (M)	Data Element	Definition	Location	Qualifier	Data Type	Min/ Max
A	Total Disposal Cost	The total monetary cost to dispose of the waste.	856W – 2/SAC04/3200	TDC	N2	4/8
A	Pickup DoDAAC	The DODAAC at which the waste should be picked up.	856W – 2/N101/2200	PW	ID	6/6
A	Container Number	A unique identification number for waste containers generated by the Hazardous waste generator.	856W – 2/REF01/1500	98	AN	1/15
A	Storage Location Code	A code identifying the storage location of the waste for the generators location for receipt in place.	856W – 2/REF01/1500	M1	AN	1/16
A	Container Weight/Volume	Value of weight or volumetric measure of the container.	856W – 2/MEA02/0800	VWT	N	1/6
A	DTID EPA Waste Code	The United States Environmental Protection Agency waste code from the 40 CFR.	856W – 2/REF01/1500	CAL	ID	4/4
A	DTID State Waste Code	The State/Host Country waste code derived from state or host country regulations.	856W – 2/REF01/1500	CAN	ID	4/10

DAAS MAPPING OF GENCOMM 5 TO DLMS 841W and 856W

(Last Update: 11/25/2015 12:32 PM)

PURPOSE: The below tables maps generator data for Waste Profile Sheets (WPS) and Disposal Turn-In Documents (DTID) from a flat file based on the GenComm 5.0 standard to the appropriate Defense Logistics Management Standard (DLMS) implementation convention (IC).

BACKGROUND: Currently, GenComm transactions can carry multiple WPS, multiple Disposal Turn-In Documents (DTID), or multiples of both. In 2011, to facilitate a quick DLMS capability, ADC 416 created a means to encapsulate GenComm WPS and DTID data into an X12 996 transaction set. ADC 422 also had Transaction Services extract DTID data from GenComm transactions to create a DLMS 856S transaction since a DTID mapping to the 856S had already been developed as part of the Reutilization Business Initiative (RBI) co-development into DLMS. To develop a more DLMS conformant solution, the goal is to define a mapping from GenComm flat file and XML file formats to generate a new DLMS IC 841W for WPS data and new 856W for HM/HW DTID data.

APPROACH: Based on the GenComm standard, the mapping will support one to many WPS (841W) and/or DTIDs (856W). Each WPS can have one to many records for chemical composition data, and one to many records for EPA waste number records. DTIDs may include a container record, an EPA waste code record, and/or a state waste code record.

I.   Description of columns

A. Generic Data Element: A generic element name that may better clarify the intent of the data to be carried in the data element of the file format(s).

B. Min Length: The minimum number of characters/digits for a data element when included in any of the file formats. A value of "0" (zero) implies the element is optional. Any value 1 implies the element is required. Elements for the end of record indicator of the flat file format do not accept any characters/digits and so the minimum length is not applicable (N/A).

C. Max Length: The maximum number of characters/digits for a data element when included in any of the file format. A value of "V" identifies elements that do not have a set maximum length (i.e. variable length). Elements for the end of record indicator of the flat file format do not accept any characters/digits and so the maximum length is not applicable (N/A).

D. GenComm v5.0: Identifies the data element as defined in the "Generator Communications Interface Standard 5.0.0, dated April 17, 2008. Mappings should be aware of the following file formatting information extracted from the standard:

1) Fields will be delimited by the pipe symbol ("|") in the bar delimited files. However, there will not be a trailing pipe ("|").

2) Records will be delimited by the carriage return <CR>, technically stored as the carriage return line feed (LF) combination. This will be represented as End of Record Indicator in the record formats.

3) At the end of any record there are three options:

   a) Continue with the next record.

   b) Terminate the section or subsection with its trailer and start a new section or subsection.

   c) Terminate the section or subsection with its trailer and quit (End of file).

The flat file format includes explicit elements to indicate in the data file where record loops begin and end. Since looping can be inferred in the XML and EDI data files based on their defined structures, these header and trailer record indicators are unique to the flat file.

E. GenComm XSD: The XML schema follows from the GenComm v.5.0 flat file format, sans the header and trailer record indicators of the flat file format. The full element hierarchy is provided to ensure there is no confusion between instances of the same element in different parts of the schema.

F. DLMS: This column identifies the appropriate mapping to convey the data in the DLMS 841W or 856W. Mappings include qualifiers in other segment positions which provide the context needed to define the GenComm data content.

   1) **Mapping Nomenclature.** The mapping column uses the following nomenclature to identify where in the 841W and 856W the data from the GenComm transaction is recommended to be mapped:

<Transaction Section>/<Segment ID><Segment Position>/<Transaction Position>

Transaction Section: X12 transaction sets can be divided into major sections; 1 = Header Section, 2 = Detail Section, and 3 = Summary Section. Header sections tend to identify the intent of the transaction and information common to rest of the detail data. Detail sections are the meat of the transaction, and often support many iterations for multiple records of the same type. Summary section are only used when the transaction would include tallies to sum up the details. The 841 does not have a summary section.

Segment ID: This is a two to three character identifier of a data segment that is part of the section of the transaction.

Transaction Position: This is a sequential number identifying where within the transaction section the segment is relative to other segments.

Segment Position: This is a sequential number identifying the position of an element within the segment.

2) **Mapping Color Coding.** Many mappings require the use of codes to qualify the data. Where the version 4030 of the X12 standard lacked an appropriate code value to use the map has included a recommended mapping that fit into one of three categories.

Migration Codes: When a good code is available in a more recent version of the X12 standard, it is possible to program the translator to recognize this code as if it were part of the 4030 version. The Defense Logistics Manual (DLM) 4000.25, Volume 1 defines the use of such codes as migration codes and explains the circumstances for using migration codes. There are four recommended migration codes in the mapping highlighted in green.

Local Codes: When there is no code available (even in current X12 standards) then a local code is recommended to be programmed as a valid code. When local codes are approved in DLMS changes, DLMSO submits the codes to X12 so that they will be included in a future release of the standard and become migration codes. There are five recommended local codes in the mapping highlighted in yellow.

Agency Codes: Some segments support the ability for identifying codes maintained outside the X12 standard. The mapping recommends a number of elements be qualified using codes managed by DLA Distribution Services. The suggested codes are highlighted in blue below.

G. Notes: Additional mapping and processing information for the element.

II. GenComm to DLMS 841W Mapping

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
1	Transaction Identification	N	3	3			1/ST01/0100 = 841	The identification of a flat file or XSD that DAAS is to map to the 841W is inferred by the identification of the sending system interface.
2	Transaction Control Header	A/N	4	9			1/ST02/0100={Serial number}	
3	Implementation Convention Reference	A/N	1	35			1/ST03/0100 = 004030F841W0WA00	Use current DLMS IC 841W version number.
4	Generator's File Transfer DoDAAC	A/N	6	6	Generator's File Transfer DoDAAC	DRMO_FILE_GEN / GENCOMM_DODAAC	1/N101/1200 = HZ 1/N103/1200 = 10 1/N104/1200 = {DoDAAC} 1/N106/1200 = FR	
5	Transaction Date	N	7	7	Transaction Date	DRMO_FILE_GEN / DATE	1/DTM01/1000 = 097 1/DTM02/1000 = {Date}	DAAS will need to convert Julian date (YYYYDDD) to CCYYMMDD.
6	Transaction Time	N	4	4	Transaction Time	DRMO_FILE_GEN / TIME	1/DTM03/1000 = {Time} 1/DTM04/1000 = UT	Time expressed as HHMM.
~~7~~	~~Transaction File Format Version~~	~~A/N~~	~~1~~	~~5~~	~~Transaction File Format Version~~	~~DRMO_FILE_GEN / GENCOMM_FILE_FORMAT_VERSION~~	~~1/SPI01/0200 = 99~~ ~~1/SPI02/0200 = FB~~ ~~1/SPI03/0200 = {Form Version}~~	
7	DLA Disposition Services Field Office RIC	A/N	3	4	DLA Disposition Services Field Office RIC	DRMO_FILE_GEN / DRMO_RIC	2/HL01/0100 = 1 2/HL03/0100 = V 2/N101/0510 = ZD 2/N103/0510 = M4 2/N104/0510 = {Site ID} 2/N106/0510 = TO	Convert DLA Disposition Services Filed Office RIC + Suffix to Applicable DSS Site ID per latest version of cross reference included as Enclosure (4) of ADC 416. Recommend DSS be identified as the source, and will responsible for notifying DAAS of any updates to the table.

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
8	Generator's Software Release Version Number	A/N	1	50	Generator's Software Release Version Number	DRMO_FILE_GEN / APPLICATION_VERSION	1/REF01/0900 = V0 1/REF02/0900 = {Generator's Software Version Number}	X12 restricts this data field to a maximum of 50 characters. DAAS will truncate if necessary.
9	Transaction Header Record End of Record Indicator				End of Record Indicator			
10	WPS Section Header		12	12	WPS Section Header		2/HL01/0100 = {Hierarchical ID} 2/HL03/0100 = HP	A literal of "beg_wps_sect". Identifies the start of a waste profile loop for the flat file format. Each WPS record triggers a new HL loop. The Hierarchical ID is a unique alphanumeric number for each occurrence of the HL segment in the transaction.
11	WPS Section Header Record End of Record Indicator				End of Record Indicator			
12	Waste Profile Number	A/N	5	20	Waste Profile Number	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / WST_PRFL_NO	2/SPI01/0200 = 99 2/SPI02/0200 =: WPN 2/SPI03/0200 =: {Waste Profile Number}	For GenComm XML files, each Waste Profile Number element triggers a new 841W 2/HL/0100 loop as noted above for the flat file WPS Section Header.
13	Generator Name	A/N	2	30	Generator Name	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / GNRTR_NM	2/N101/0510 = HZ 2/N102/0510 = {Generator Name}	
14	Facility Address Line 1	A/N	3	30	Facility Adds Line 1	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / GNRTR_ADRS_1	2/N301/0530 = {Facility Address Line 1}	
15	Facility Address Line 2	A/N	0	30	Facility Adds Line 2	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / GNRTR_ADRS_2	2/N302/0530 = {Facility Address Line 2}	

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
16	Facility Address Line 3	A/N	2	30	Facility Adds Line 3	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / GNRTR_ADRS_3	2/N401/0540 = {City} 2/N402/0540 = {State Code}	Map city and state to appropriate X12 data elements in the N4. Generators are to use standard state codes per the DoDAAD.
17	Facility ZIP Code	A/N	5	10	Facility ZIP Cd Line 4	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / GNRTR_ZIP_CD	2/N403/0540 = {Facility ZIP Code}	Formatted NNNNN-NNNN N403 does not carry the dash (-) of a formatted postal code. DAAS will have to remove the dash during translation to the 841W.
18	Generator USEPA ID	A/N	0	13	Generator USEPA ID	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / GEN_EPA_ID_NUM	2/N901/0560 = CAM 2/N902/0560 = {Generator USEPA ID}	
19	Generator State ID	A/N	0	13	Generator State ID	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / GENRTR_ST_ID	2/N901/0560 = ABO 2/N902/0560 = {Generator State ID}	
20	Technical Contact Name	A/N	2	30	Technical Contact	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / TECH_CNTCT_NM	2/PER01/0550 = BL 2/PER02/0550 = {Technical Contact Name}	
21	Technical Contact Title	A/N	0	30	Technical Title	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / TECH_CNTCT_TL_ID	2/N201/0520 = {Technical Contact Title}	
22	Technical Contact Phone	A/N	4	21	Technical Phone	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / TECH_CNTCT_TELEPHN_ID	2/PER03/0550 = TE 2/PER04/0550 = {Technical Phone} 2/PER05/0550 = EX 2/PER06/0550 {Phone Extension}	Formatted XXX(NNN)NNN-NNNNxNNNN When a telephone extension is present as indicated by an "x" in the phone number, it is mapped to a separate element (PER06).
23	Waste Profile Established Date	N	0	7	Profile Established Date	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / ESTABLISHED_DATE	2/RDT03/0300 = 585 2/RDT04/0300 = {Profile Established Date}	DAAS will need to convert Julian date (YYYYDDD) to CCYYMMDD.

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
24	Name of Waste	A/N	0	60	Name of Waste	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_NM	2/PID01/0600 = F 2/PID02/0600 = WT 2/PID05/0600 = {Name of Waste}	
25	Process Generating Waste	A/N	0	60	Process Generating Waste	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_GNRTNG_PRCS_ID	2/LOC01/0760 = PHC 2/LOC02/0760 = PGW 2/LOC03/0760 = {Process Generating Waste}	Code PGW in LOC02 satisfies syntactical requirement as LOC02(max 50 characters) has to give way to LOC03 (max 80 characters) to capture the name of the process generating the waste due to the maximum field length of the element defined in the GENCOM standard.
26	Projected Annual Volumes	N	0	15	Projected Annual Volumes	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_PROJ_ANL_QTY	2/QTY01/0700 = TT 2/QTY02/0700 = {Projected Annual Volumes}	Formatted NNNNNNNNNNN.NNNN
27	Projected Annual *Volume* Units	A	0	10	Projected Annual *Volume* Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_PROJ_ANL_UNIT	2/QTY01/0700 = XL 2/QTY02/0700 = {Projected Annual *Volume* Units}	
28	Mode of Collection	A	0	15	Mode of Collection	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / CLCTN_MODE_CD	2/PKD01/0650 = MXD 2/PKD02/0650 = {Mode of Collection}	
29	Dioxin Waste Indicator	A	0	1	Dioxin Waste	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / DXN_WST_COL	2/CID03/1700 = DL 2/CID04/1700 = DXW 2/CID07/1700 = {Y/N}	
30	Land Disposal Restrictions Indicator	A	0	1	Land Disposal Restrictions	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / LNDFL_RSTRCTN_CD	2/CID03/1700 = DL 2/CID04/1700 = LDR 2/CID07/1700 = {Y/N}	
31	Exemption Granted Indicator	A	0	1	Exemption Granted	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / LNDFL_EXMPT_CD	2/CID03/1700 = DL 2/CID04/1700 = EXG 2/CID07/1700 = {Y/N}	

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
32	Meets Treatment Standards Indicator	A	0	1	Meets Treatment Standards	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / WST_TRTMNT_ST ND_CD	2/CID03/1700 = DL 2/CID04/1700 = MTS 2/CID07/1700 = {Y/N}	
33	Treatment Standard Reference	A/N	0	30	Treatment Standard Reference	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / WST_TRTMNT_ST ND_RFRNC_ID	2/CID05/0800 = {Treatment Standard Reference}	Treatment Standard Reference is mapped to CID05 for the same instance of the CID segment used for Meets Treatment Standards (CID04: MTS).
34	Color	A	0	30	Color	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / MATL_CHAR_COL R_ID	2/CID03/1700 = DL 2/CID04/1700 = COL 2/CID05/1700 = {Color}	
35	Density	A/N	0	15	Density	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / DNSTY_VAL	2/CID03/1700 = DL 2/CID04/1700 = DNS 2/CID05/1700 = {Density}	Formatted NNN.NNN
36	BTU/LB	A/N	0	15	BTU/LB	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / MATL_CHAR_BTU_ QTY	2/CID03/1700 = DL 2/CID04/1700 = BTU 2/CID05/1700 = {BTU/LB}	Formatted NNNNNNNNNN
37	Total Solids	A/N	0	15	Total Solids	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / MATL_CHAR_TOT_ SOLID_QTY	2/CID03/1700 = DL 2/CID04/1700 = TSD 2/CID05/1700 = {Total Solids}	This may be a range or % (98.9-100%)
38	Ash Content	A/N	0	15	Ash Content	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / MATL_CHAR_ASH_ CNTNT_WT	2/CID03/1700 = DL 2/CID04/1700 = ASH 2/CID05/1700 = {Ash Content}	This may be a range or % (98.9-100%)
39	Layering	A	0	12	Layering	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / MATL_CHAR_LAYR NG_CD	2/CID03/1700 = DL 2/CID04/1700 = LAY 2/CID05/1700 = {Layering}	MULTILAYERED, BILAYERED, SINGLE PHASE
40	Physical State	A	0	10	Physical State	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / PHYSCL_FRM	2/CID03/1700 = DL 2/CID04/1700 = PHS 2/CID05/1700 = {Physical State}	S = SOLID, L = LIQUID, SS = SEMISOLID, G = GAS, O = OTHER

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
41	Treatment Group	A	0	1	Treatment Group	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_TRTMNT_GRP_CD	2/CID03/1700 = DL 2/CID04/1700 = TGR 2/CID05/1700 = {Treatment Group}	W=Wastewater, N = Nonwastewater
42	Ignitable Indicator	A	0	1	Ignitable (D001)	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_IGNTBL_CD	2/CID03/1700 = DL 2/CID04/1700 = IGN 2/CID07/1700 = {Y/N}	
43	Flash Point (Degrees Fahrenheit)	A/N	0	9	Flash Point (F)	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / FLSHPNT_TP	2/CID03/1700 = DL 2/CID04/1700 = FLP 2/CID05/1700 = {Flash Point}	
44	High TOC (> 10 %) Indicator	A	0	1	High Toc (> 10 %)	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HI_TOC	2/CID03/1700 = DL 2/CID04/1700 = HTC 2/CID07/1700 = {Y/N}	
45	Low TOC (< 10 %) Indicator	A	0	1	Low Toc (< 10 %)	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / LO_TOC	2/CID03/1700 = DL 2/CID04/1700 = LTC 2/CID07/1700 = {Y/N}	
46	Reactive Indicator	A	0	1	Reactive (D003)	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_RCTV_CD	2/CID03/1700 = DL 2/CID04/1700 = RAC 2/CID07/1700 = {Y/N}	
47	Water Reactive Indicator	A	0	1	Water Reactive	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_WTR_RCTV_CD	2/CID03/1700 = DL 2/CID04/1700 = WRC 2/CID07/1700 = {Y/N}	
48	Cyanide Reactive Indicator	A	0	1	Cyanide Reactive	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_CYND_RCTV_CD	2/CID03/1700 = DL 2/CID04/1700 = CRC 2/CID07/1700 = {Y/N}	
49	Sulfide Reactive Indicator	A	0	1	Sulfide Reactive	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_SLFD_RCTV_CD	2/CID03/1700 = DL 2/CID04/1700 = SRC 2/CID07/1700 = {Y/N}	
50	Corrosive Indicator	A	0	1	Corrosive (D002)	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_CRSV_CD	2/CID03/1700 = DL 2/CID04/1700 = COR 2/CID07/1700 = {Y/N}	
51	Ph	A/N	0	8	Ph	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / PH_ID	2/CID03/1700 = DL 2/CID04/1700 = PPH 2/CID05/1700 = {Ph}	

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
52	Toxicity Characteristic Indicator	A	0	1	Toxicity Characteristic	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_TXCTY_CHAR_CD	2/CID03/1700 = DL 2/CID04/1700 = TOX 2/CID07/1700 = {Y/N}	
53	Corrodes Steel Indicator	A	0	1	Corrodes Steel	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_STEEL_CRSV_CD	2/CID03/1700 = DL 2/CID04/1700 = CSL 2/CID07/1700 = {Y/N}	
54	Copper Quantity	N	0	20	Copper Quantity	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / CPR_CHEM_CMPSTN_QTY	2/MEA02/0740 = ZCU 2/MEA03/0740 = {Copper Quantity}	
55	Copper Units	A/N	0	5	Copper Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / CPR_UNIT_CD	2/MEA04/0740 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
56	Phenolics Quantity	N	0	20	Phenolics Quantity	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / PHNLCS_CHEM_CMPSTN_QTY	2/MEA02/0740 = PHE 2/MEA03/0740 = {Phenolics Quantity}	
57	Penolics Units	A/N	0	5	Phenolics Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / PHNLCS_UNIT_CD	2/MEA04/0740 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
58	Nickel Quantity	N	0	20	Nickel Quantity	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / NCKL_CHEM_CMPSTN_QTY	2/MEA02/0740 = ZNI 2/MEA03/0740 = {Nickel Quantity}	
59	Nickel Units	A/N	0	5	Nickel Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / NCKL_UNIT_CD	2/MEA04/0740 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
60	Total Halogens Quantity	N	0	20	Total Halogens Quantity	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / TOT_HLGN_CHEM_CMPSTN_QTY	2/MEA02/0740 = HAL 2/MEA03/0740 = {Total Halogens Quantity}	

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
61	Halogens Units	A/N	0	5	Halogens Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HLGN_UNIT_CD	2/MEA04/0740 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
62	Zinc Quantity	N	0	20	Zinc Quantity	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / ZINC_CHEM_CMPSTN_QTY	2/MEA02/0740 = ZZN 2/MEA03/0740 = {Zinc Quantity}	
63	Zinc Units	A/N	0	5	Zinc Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / ZINC_UNIT_CD	2/MEA04/0740 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
64	Volatile Organics Qty	N	0	20	Volatile Organics Qty	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / VLTL_ORGC_CHEM_CMPSTN_QTY	2/MEA02/0740 = AK 2/MEA03/0740 = {Volatile Organics Quantity}	
65	Volatile Organics Units	A/N	0	5	Volatile Organics Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / VLTL_ORGC_UNIT_CD	2/MEA04/0740 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
66	Chromium Hex Quantity	N	0	20	Chromium Hex Quantity	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / CHRM_HX_CMPSTN_QTY	2/MEA02/0740 = ZCR 2/MEA03/0740 = {Chromium Hex Quantity}	
67	Chromium *Hex* Units	A/N	0	5	Chromium *Hex* Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / CHRM_HX_UNIT_CD	2/MEA04/0740 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
68	PCB Quantity	N	0	20	PCB Quantity	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / PCB_CHEM_CMPSTNA_QTY	2/MEA02/0740 = PCB 2/MEA03/0740 = {PCB Quantity}	

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
69	PCB Units	A/N	0	5	PCB Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / PCB_CHEM_CMPSTN_UNIT	2/MEA04/0740 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
70	Other Chemical Component Description	A/N	0	30	(Other) Description	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / OTHR_CHEM_CMPSTN_DESC_TXT	2/LX01/1030 = {Generated Number} 2/PSD08/1120 {Other Chemical Component Description}	
71	Other Chemical Component Quantity	N	0	20	Other Quantity	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / OTHR_CHEM_CMPSTN_QTY	2/MEA02/1100 = OTE 2/MEA03/1100 = {Other Quantity}	
72	Other Chemical Component Units	A/N	0	5	Other Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / OTHR_UNIT_CD	2/MEA04/1100 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
73	DoT Hazardous Material	A	0	1	Dot Hazardous Material	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / DOT_HAZ_MAT	2/CID03/1700 = DL 2/CID04/1700 = DHM 2/CID07/1700 = {Y/N}	

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
74	Proper Shipping Name	A/N	0	200	Proper Shipping Name	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / HAZ_WST_SHPNG _NM	2/PKG01/0780 = F 2/PKG03/0780 = DL 2/PKG04/0780 = {PSN1|PSN2|PSN3} 2/PKG05/0780: {Proper Shipping Name}	The PKG segment only has a 80 character Description element (PKG05). The translator will have to count characters and if >80 must repeat the PKG segment, and another time if the count exceeds 160 characters. A translator generated code PSN1 will be applied to all mappings and will indicate text processing order to facilitate reconstruct into a single element at DSS should there be a need to repeat the PKG segment for the remainder of the Proper Shipping Name with PKG04 = "PSN2" and possibly "PSN3" as well.
75	Hazard Class	A/N	0	18	Hazard Class	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / DOT_HAZ_CLS_ID	2/REF01/0800 = HD 2/REF02/0800 = {Hazard Class}	
76	UN or NA Number	A/N	0	6	UN or NA Number	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / DOT_HAZ_MATL_C D	2/REF01/0800 = UN 2/REF02/0800 = {UN or NA Number}	X12 has specific codes to distinguish between NA and UN numbers. The mapping uses the X12 code for UN to be applied in either case since the GenComm standard doesn't distinguish.

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
77	Additional Description	A/N	0	60	Additional Description	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / ADTNL_HAZ_DESCRPTN_TXT	2/CID03/1700 = DL 2/CID04/1700 = OTH 2/CID05/1700 = {Additional Description}	This is associated to the proper shipping name. There are regulatory reasons for certain chemicals to use additional description such as poison inhalation hazard (PIH).
78	Packing Type	A/N	0	30	Method of Shipment	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / SHPMNT_MTHD_CD	2/LIN02/0400 = JP 2/LIN03/0400 = {Method of Shipment}	BULK, DRUM or OTHER (Describe)
79	DoT Reportable Quantity	N	0	5	DoT Reportable Qty (RQ)	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / CERCLA_RQ	2/MEA02/0740 = QUR 2/MEA03/0740 = {DoT Reportable Quantity}	

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
80	DoT Unit of Issue	A/N	0	5	DoT Unit of Issue	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / CERCLA_UNIT	2/MEA04/0740 = {UoM} 2/MEA09/0740 = {UoM Material Qualifier}	Convert to X12 UoM values. (DoT > X12): CF > BX CM > BX CW > BX DF > BR DM > BR DW > BR HG > NC TC > 1P CY > CL TP > TK TT > 19 Authoritative source for the DoT UoI is 49CFR172. DoT UoI codes CF, CM, CW, DF, DM, and DW pair the UoM code in MEA04 with a borrowed code for the material type in MEA09 accordingly: CF > SD DF > SD CM > SE DM > SE CW > SF DW > SF
81	Packing Group	A	0	3	Packing Group	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / PACKING_GROUP	2/REF01/0800 = PGC 2/REF02/0800 = {Packing Group}	E.g. I,II,III
82	Emergency Response Guide Page Number	N	0	4	Emerg Resp Guide Page No	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / EMRGNCY_GD_PAGE_ID	2/REF01/0800 = P9 2/REF02/0800 = {Emergency Response Guide Page Number}	E.g. 134
83	Edition (YR)	N	0	4	Edition (YR)	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / EMRGNCY_GD_YEAR_ID	2/REF01/0800 = RE 2/REF02/0800 = {Edition (YR)}	E.g. 2006
84	Special Handling Information	A/N	0	90	Special Handling Info	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / SPCL_HDLG_TXT	2/CID03/1700 = DL 2/CID04/1700 = SHI 2/MSG01/2200 = {Special Handling Info}	

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
85	Basis For Information	A	0	4	Basis For Information	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / BASIS_INFO_TXT	2/CID03/1700 = DL 2/CID04/1700 = BAS 2/CID05/1700 = {Basis For Information}	USER = user knowledge LAB = chemical analysis BOTH = both
86	RCRA Requirements	A/N	0	255	RCRA Requirements	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / RCRA_REQMT_TXT	2/CID03/1700 = DL 2/CID04/1700 = RCA 2/MSG01/2200 = {RCRA Requirements}	
87	Additional RCRA Requirements	A/N	0	255	Addl RCRA Requirements	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / ADD_RCRA_REQMT_TXT	2/CID03/1700 = DL 2/CID04/1700 = RCB 2/MSG01/2200 = {Additional RCRA Requirements}	
88	Certifier Name	A	0	45	Certifier Name	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / QMRTR_CERT_NM	2/PER01/0550 = CE 2/PER02/0550 = {Certifier Name}	
89	WPS Record End Of Record Indicator				End Of Record Indicator			
90	Composition Subsection Header		13	13	Composition Subsection Header		2/HL01/0100 = {Hierarchical ID} 2/HL02/0100 = {Parent WPS Hierarchical ID} 2/HL03/0100 = KB	A literal of "beg_comp_sect". Identifies the start of a chemical composition loop within a waste profile loop for the flat file format. Each successive chemical composition record triggers a new HL loop, with HL02 equaling the value of the HL01 in the HL loop of the relevant WPS.
91	Composition Subsection Header End of Record Indicator				End of Record Indicator			

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
92	Chemical Name	A/N	2	60	Chemical Name	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / COMP_SECT / CHEM_COMP_RO W / HAZ_MATL_CMPN T_CHEM_NM	2/PID01/0600 = F 2/PID02/0600 = CCN 2/PID05/0600 = {Chemical Name}	For GenComm XML files, each <CHEM_COMP_ ROW> of a <COMP_SECT> triggers a new 2/HL/0100 loop as noted above for the flat file Chemical Composition Subsection Header.
93	Chemical Concentration	A/N	1	30	Chemical Concentratio n	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / COMP_SECT / CHEM_COMP_RO W / HAZ_MATL_CYCNT RTN_RGN_ID	2/CID01/1700 = CON 2/CID05/1700 = {Chemical Concentration}	Ranges are acceptable. Examples of A/N concentration are 98-100% or 1000-10000PPM.
94	Chemical Range	A/N	2	30	Chemical Range	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / COMP_SECT / CHEM_COMP_RO W / HAZ_MATL_RNG_I D	2/CID01/1700 = RB 2/CID05/1700 = {Chemical Range}	
95	CAS Identifier	A/N	2	11	CAS Number	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / COMP_SECT / CHEM_COMP_RO W / CHEM_ABSTRCT_ SRVC_ID	2/REF01/0800 = 8D 2/REF02/0800 = {CAS Number}	
96	*Underlying Hazardous Constituent*	*A/N*	*1*	*1*	*Underlying Hazardous Constituent*		*2/CID03/1700 = DL 2/CID04/1700 = UHC 2/CID07/1700 = {Y/N}*	*Y for Yes; N for No; or Blank*
97	Chemical Composition Record End of Record Indicator				End of Record Indicator			
98	Chemical Composition Subsection Trailer		13	13	Composition Subsection Trailer			A literal of "end_comp_sect". Identifies the end of a chemical composition loop within a waste profile loop for the flat file format.

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
99	Chemical Composition Subsection Trailer End Of Record Indicator				End Of Record Indicator			
100	EPA Waste Number Subsection Header		12	12	EPA Waste No Subsect Header		2/HL01/0100 = {Hierarchical ID} 2/HL02/0100 = {Parent WPS Hierarchical ID} 2/HL03/0100 = HE	A literal of "beg_ewn_sect". Identifies the start of an EPA waste number loop within a waste profile loop for the flat file format. Each successive EPA Waste Number record triggers a new HL loop, with HL02 equaling the value of the HL01 in the HL loop of the relevant WPS.
101	EPA Waste Number Subsection Header End Of Record Indicator				End Of Record Indicator			
102	EPA HW Number	A/N	4	4	EPA HW Number	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / EWN_SECT / EWN_ROW / EPA_HAZ_WST_NO	2/REF01/0800 = CAL 2/REF02/0800 = {EPA HW Number}	E.g. D001 For GenComm XML files, each \<EWN_ROW\> of a \<EWN_SECT\> triggers a new 2/HL/0100 loop as noted above for the flat file Chemical Composition Subsection Header.
103	Concentration Range	A/N	2	30	Range	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / EWN_SECT / EWN_ROW / EPA_UNIT_QTY	2/CID01/1700 = RB 2/CID05/1700 = {Range}	Range of concentration. This is a range value 95-100%, 1000-10,000PPM

Row #	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	841W	Notes
103	EPA Units	A/N	2	5	EPA Units	DRMO_FILE_GEN / WPS_SECT / WPS_SECT_REC / EWN_SECT / EWN_ROW / EPA_UNIT_ISS_CD	2/UIT01/1800 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): PPB > 61 PPM > 59 MG/KG > NA PER > P1
104	EPA Waste Number Record End of Record Indicator				End of Record Indicator			
105	EPA Waste Number Subsection Trailer		12	12	EPA Waste No Subsect Trailer			A literal of "end_ewn_sect". Identifies the end of an EPA waste number loop within a waste profile loop for the flat file format.
106	EPA Waste Number Subsection Trailer End of Record Indicator				End of Record Indicator			
107	WPS Section Trailer		12	12	WPS Section Trailer		3/SE01/0100={# of segments} 3/SE02/0100={serial number}	A literal of "end_wps_sect". Identifies the end of a waste profile loop for the flat file format. For GenComm XML files, a <DTID_SECT> start tag or a </ DRMO_FILE_GEN> end tag signal the end of mapping to the 841W.
108	WPS Section Trailer End of Record Indicator				End of Record Indicator			
See Section III on next page for mapping of DTID records into DLMS 856W.								

III.   GenComm to DLMS 856W Mapping

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
1.	Transaction Set Identifier Code	N	3	3			1/ST01/100 = 856	
2.	Transaction Set Control Number	A/N	4	9			1/ST02/100={Serial Number}	
3.	Implementation Convention Reference	A/N	1	35			1/ST03/100 = {DLMS IC Version Number}	Sample data: 004030F856W0 WP00
4.	Transaction Set Purpose Code	A/N	2	2			1/BSN01/0200 = 00 Or 1/BSN01/0200 = 77	
5.	Shipment Identification	A/N	2	30			1/BSN02/0200 = ZZ	
6.	Generator's File Transfer DoDAAC	A/N	6	6	DoDAAC	DRMO_FILE_GEN / GENCOMM_DODAAC	2/HL01/0100 = 1 2/HL03/0100 = V 2/N101/2200 = HZ 2/N103/2200 = 10 2/N104/2200 = {Generator's DoDAAC} 2/N106/2200 = FR	
7.	Transaction Date	N	7	7	Date	DRMO_FILE_GEN / DATE	1/BSN03/0200 = {Transaction Date}	DAAS will need to convert CCYYJJJ in flat file to X12 standard format CCYYMMDD.
8.	Transaction Time	N	4	4	Time	DRMO_FILE_GEN / TIME	1/BSN04/0200 = {Transaction Time}	Express time in HHMM
9.	Transaction Type Code	A/N	2	2			1/BSN06/0200 = AZ	
~~10. 1~~	~~Transaction File Format Version~~	~~A/N~~	~~1~~	~~5~~	~~Form Version~~	~~DRMO_FILE_GEN / GENCOMM_FILE_F ORMAT_VERSION~~	~~2/HL01/0100 = 2 2/HL03/0100 = W 2/REF01/1500 = FB 2/REF02/1500 = {Form Version}~~	

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
11.	DLA Disposition Services Filed Office RIC		3	4	DRMO RIC	DRMO_FILE_GEN / DRMO_RIC	2/HL01/0100 = 1 2/HL03/0100 = V 2/N101/2200 = ZD 2/N103/2200 = M4 2/N104/2200 = {Site ID} 2/N106/2200 = TO	Convert DLA Disposition Services Filed Office RIC + Suffix to Applicable DSS Site ID per latest version of cross reference included as Enclosure (4) of ADC 416. Recommend DSS be identified as the source, and will responsible for notifying DAAS of any updates to the table.
12.	Generator's Software Release Version Number		1	50	Form Version	DRMO_FILE_GEN / APPLICATION_VERSION	2/HL01/0100 = 2 2/HL03/0100 = W 1/REF01/1500 = V0 1/REF02/1500 = {Generator's Software Version Number}	X12 restricts this data field to a maximum of 50 characters. DAAS will truncate if necessary.
13.	Transaction Header Record End of Record Indicator				End of Record Indicator			
See Section II above for mapping of WPS records into DLMS 841W.								

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
14.	DTID Section Header		12	12	DTID Section Header		2/HL01/0100 = 2 2/HL03/0100 = W	A literal of " beg_dtid_sect". Identifies the start of a DTID loop for the flat file format. Each DTID record triggers a new 856W transaction with identical mapping of the GenComm Header Record Since there is only one DTID per 856W, 2/HL03/0100 (Hierarchical ID) will always be "2" for the DTID record. DTIDs indicate they are child records of the HL loop which identifies the receiving DLA Disposition Services Field Office (i.e. "1").
15.	DTID Section Header End of Record Indicator				End of Record Indicator			
16.	Federal Supply Class		4	4	Federal Supply Class	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / FSC	2/LIN02/0200 = FT 2/LIN03/0200 = {Federal Supply Class}	

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
17.	NIIN/Local Stock Number		9	9	NIIN/Local Stock Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / NIIN	2/LIN04/0200 = FS 2/LIN05/0200 = {FSC+NIIN} or 2/LIN04/0200 = NN 2/LIN05/0200 = {NIIN} or 2/LIN04/0200 = SW 2/LIN05/0200 = {Local Stock Number} Or 2/LIN04/0200 = ZZ 2/LIN05/0200 = {Mutually Defined}	If the FSC field contains a valid four character value and the first position of the NIIN value equals "0", then LIN04=FS, else if first position equals '0", then LIN04=NN, else if first two positions equal "DS", then LIN04=SW, else, LIN04=ZZ to indicate that the value is not recognized as either a valid NIIN or Disposition Services LSN.
18.	Additional Data		0	2	Additional Data	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / ADDITIONAL_DATA	2/LM01/3400 = DF 2/LQ01/3500 = GQ 2/LQ02/3500 = {Additional Data} Or 2/LM01/3400 = DF 2/LQ01/3500 = SMI 2/LQ02/3500 = {Additional Data}	Use GQ if Air Force. Use SMI if Navy.
19.	Document Number		14	15	Document Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / PMR_DTID_NO	2/REF01/1500 = TN 2/REF02/1500 = {Document Number} 2/REF04-01/1500 = W8 2/REF04-02/1500 = {Document Number Suffix}	This is the DTID. When present, the 15th character (a suffix) is mapped to 2/REF04-02/1500.
20.	Unit of Issue		2	2	Unit of Issue	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / ITM_UI	2/SN103/0300 = {UoM}	Convert to valid X12 codes per unit of issue conversion table.
21.	Issued Quantity		1	5	Quantity	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / PMR_QTY	2/SN102/0300 = {Quantity}	Express as a whole number with no decimals.

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
22.	Disposal Authority Code		0	1	Disposal Authority Cd	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / DSPSL_AUTH_CD	2/LQ01/3500 = 88 2/LQ02/3500 = {Disposal Authority Code}	Loop segment 2/LM01/3400 = DF if not already opened for another LQ mapped element.
23.	Hazardous Waste/Material Code		1	1	Hazardous Waste/Mat Code	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / DTID_HM_HW_CD	2/LQ01/3500 = DSI 2/LQ02/3500 = {Disposition Services Indicator}	Loop segment 2/LM01/3400 = DF if not already opened for another LQ mapped element. Map legacy field value to new DSI code values as follows: M=HM (Hazardous Material), W=HW (Hazardous Waste), N=US (Useable), S=SC (Scrap), and P=SS (Special Services). Refer to ADC 422 for establishment of HM/HW DSI codes.
24.	Issue Unit Price		1	8	Unit Price	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / ITM_UP	2/REF01/1500 = PA 2/REF02/1500 = {Unit Price}	
25.	Item Nomenclature	A/N	2	60	Item Nomenclature	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / PMR_ITM_NAME	2/LIN06/0200 = CN 2/LIN07/0200 = {Item Nomenclature}	Use with LIN04 codes SW or ZZ when no NIIN is available.
26.	Supply Condition Code		1	1	Supply Condition Code	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / SPLY_COND_CD	2/LQ01/3500 = 83 2/LQ02/3500 = {Supply Condition Code}	Loop segment 2/LM01/3400 = DF if the not already opened for another LQ mapped element.

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
27.	Demilitarization Code		1	1	Demil Code	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / ITM_DEMIL_CD	2/LQ01/3500 = FD 2/LQ02/3500 = {Demilitarization Code}	Loop segment 2/LM01/3400 = DF if the not already opened for another LQ mapped element.
28.	Accumulation Start Date		0	7	Accumulation Start Date	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / ACCUM_START_DT	2/DTM01/2000 = 051 2/DTM02/2000 = {Accumulation Start Date}	DAAS will need to convert Julian date (YYYYDDD) to CCYYMMDD.
29.	Waste Profile Sheet Number	A/N	5	20	Waste Profile Sheet No	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / WST_PRFL_NO	2/REF01/1500 = WPN 2/REF02/1500 = {Waste Profile Sheet Number}	
30.	MSDS Number		0	15	MSDS Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / MSDS_NO	2/REF01/1500 = MS 2/REF02/1500 = {MSDS Number}	
31.	Receipt Manifest Number	A/N	0	17	Receipt Manifest Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / REC_MNFST_NO	2/REF01/1500 = MDN 2/REF02/1500 = {Receipt Manifest Number}	
32.	Type of Container	A/N	0	60	Type of Container	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / CNTNR_DESCR	2/PKG01/1000 = F 2/PKG02/1000 = CB 2/PKG05/1000 = {Type of Container}	This is a free form field that includes a narrative of the container type and its volume (e.g., 55 gallon drum)
33.	Disposal Total Weight/Volume	N	0	6	Total Wt/Vol	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / TOT_WT_OR_VOL	2/MEA01/0800 = WA 2/MEA02/0800 = VWT 2/MEA03/0800 = {Total Weight/Volume}	
34.	*Disposal Total* Weight/Volume Unit		0	1	*Total* Wt/Vol Code	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / WT_OR_VOL_CD	2/MEA04/0800 = {UoM}	Convert to X12 UoM values (GENCOMM > X12): P > LB T > NS; G > GA; Y > CY; K > KG; M > MP; L > LT; C > CR

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
35.	Organization Code		0	6	Org Code	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / ORG_CD	2/N101/2200 = PW 2/N102/2200 = {Organization Code}	This represents the shop (e.g., motor pool, paint shop) that generated the waste for turn-in.
36.	Building		0	6	Building	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / STG_LOC_CD	2/N301/2200 = {Building}	Use with N101 = PW. This represents the Receipt in Place building number of the Pickup DodAAC.
37.	Type Operation	A/N	0	60	Type Operation	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / TYPOP	2/N201/2200 = {Type Operation}	Use with N101 = PW 3 position code or equivalent narrative. Source is RCRA Bi-Annual Report (US EPA Instruction 3700.13).
38.	Contact Name		4	18	Contact Name	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / POC	2/PER01/1510 = IC 2/PER02/1510 = {Contact Name}	
39.	Contact Phone		4	21	Contact Phone	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / POC_TFONE	2/PER03/1510 = TE 2/PER04/1510 = {Contact Phone}	
40.	Waste Description Line 1		0	60	Waste Description line 1	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / HAZ_DESCR_1	2/PID01/0700 = X 2/PID03/0700 = DL 2/PID04/0700 = WDL1 2/PID05/0700 = {Waste Description Line 1}	
41.	Waste Description Line 2		0	60	Waste Description line 2	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / HAZ_DESCR_2	2/PID01/0700 = X 2/PID03/0700 = DL 2/PID04/0700 = WDL2 2/PID05/0700 = {Waste Description Line 1}	
42.	Waste Description Line 3		0	60	Waste Description line 3	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / HAZ_DESCR_3	2/PID01/0700 = X 2/PID03/0700 = DL 2/PID04/0700 = WDL3 2/PID05/0700 = {Waste Description Line 1}	
43.	Waste Description Line 4		0	60	Waste Description line 4	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / HAZ_DESCR_4	2/PID01/0700 = X 2/PID03/0700 = DL 2/PID04/0700 = WDL4 2/PID05/0700 = {Waste Description Line 1}	

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
44.	Contract Number	A/N	0	13	Contract Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / CONTR_NO	2/REF01/1500 = CT 2/REF02/1500 = {Contract Number}	
45.	HIN		6	6	HIN	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / HIN	2/REF01/1500 = C7 2/REF02/1500 = {CLIN/HIN}	
46.	Total Disposal Cost	N2	4	8	Total Disposal Cost	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / TOTAL_DISP_COST	2/SAC01/3200 = C 2/SAC03/3200 = DL 2/SAC04/3200 = TDC 2/SAC05/3200 = {Total Disposal Cost}	In X12, this is an N2, which means last two positions of the value are understood to be cents.
47.	Fund Code		2	2	Fund Code	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / FD_CD	2/REF01/1500 = FU 2/REF02/1500 = {Fund Code}	
48.	Bill to DoDAAC		0	6	Bill to DoDAAC	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / BILL_TO_DODAAC	2/N101/2200 = BT 2/N103/2200 = 10 2/N104/2200 = {Bill to DoDAAC}	
49.	Pickup DoDAAC		0	6	Pickup DoDAAC	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / PICKUP_DODAAC	2/N103/2200 = 10 2/N104/2200 = {Pickup DoDAAC}	Use with N101 = PW
50.	Number of Containers		0	4	Number of Containers	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / NUM_CNTRS	2/MEA01/0800 = CT 2/MEA03/0800 = {Number of Containers}	
51.	Media and Status Code		1	1			2/LQ01/3500 = DF 2/LQ02/3500 = 0	Loop segment 2/LM01/3400=" DF" if not already opened for another LQ mapped element.
52.	DTID Record End of Record Indicator				End of Record Indicator			

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
53.	DTID Container Subsection Header		13	13	Container Subsection Header		2/HL01/0100 = {Hierarchical ID} 2/HL02/0100 = 2 2/HL03/0100 = CN	A literal of "beg_cont_sect". Identifies the start of a DTID container record loop within a DTID record loop for the flat file format. Since there is only one DTID per 856W, when there are DTID Container Subsection records each will be mapped to a child HL loop pointing to the parent DTID HL loop. (i.e. HL02 = "2").
54.	DTID Container Subsection Header End of Record Indicator				End of Record Indicator			

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
55.	Document Number		14	15	Document Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / CONT_SECT / CONT_ROW / PMR_DTID_NO		This is the DTID used by GenComm files to match DTID subsections to the parent DTID record. The hierarchical nesting of the records in the 856W negates the need to repeat the entry in this HL loop and risk a mismatch error being sent to the receiving application, however DAAS will confirm the DTID of the DTID Container Subsection matches the DTID of the parent DTID Section (See row #19 above).
56.	Container Number	A/N	1	15	Container Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / CONT_SECT / CONT_ROW / CNTNR_NO	2/REF01/1500 = 98 2/REF02/1500 = {Container Number}	
57.	Storage Location Code		0	16	Storage Location Code	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / CONT_SECT / CONT_ROW / CNTNR_STG_LOC _CD	2/REF01/1500 = M1 2/REF02/1500 = {Storage Location Code}	
58.	Container Weight/Volume		0	6	Container WT/VOL	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / CONT_SECT / CONT_ROW / CNTNR_WT_OR_V OL	2/MEA01/0800 = WT 2/MEA02/0800 = VWT 2/MEA03/0800 = {Container Weight/Volume}	

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
59.	Accumulation Start Date		0	7	Accumulation Start Date	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / CONT_SECT / CONT_ROW / CNTNR_ACUM_START_DT	2/DTM01/2000 = 051 2/DTM02/2000 = {Accumulation Start Date}	DAAS will need to convert Julian date (YYYYDDD) to CCYYMMDD.
60.	DTID Container Record End of Record Indicator				End of Record Indicator			
61.	DTID Container Subsection Trailer		13	13	Container Subsection Trailer			A literal of "end_cont_sect". Identifies the end of a DTID container record loop within a DTID record loop for the flat file format.
62.	DTID Container Subsection Trailer End of Record Indicator				End of Record Indicator			
63.	DTID EPA Waste Code Subsection Header		16	16	EPA Waste Code Subsection Header		2/HL01/0100 = {Hierarchical ID} 2/HL02/0100 = 2 2/HL03/0100 = <mark>HE</mark>	A literal of "beg_dtidepa_sect". Identifies the start of a DTID EPA waste code record loop within a DTID record loop for the flat file format. Since there is only one DTID per 856W, when there are DTID EPA Waste Code Subsection records each will be mapped to a child HL loop pointing to the parent DTID HL loop. (i.e. HL02 = "2").

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
64.	DTID EPA Waste Code Subsection Header End of Record Indicator				End of Record Indicator			
65.	Document Number		14	15	Document Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / DTIDEPA_SECT / DTIDEPA_ROW / PMR_DTID_NO		This is the DTID used by GenComm files to match DTID subsections to the parent DTID record. The hierarchical nesting of the records in the 856W negates the need to repeat the entry in this HL loop and risk a mismatch error being sent to the receiving application, however DAAS will confirm the DTID of the DTID Container Subsection matches the DTID of the parent DTID Section (See row #20 above).
66.	DTID EPA Waste Codes		4	4	DTID EPA Waste Codes	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / DTIDEPA_SECT / DTIDEPA_ROW / EPA_CD	2/REF01/1500 = CAL 2/REF02/1500 = {DTID EPA Waste Codes}	
67.	DTID EPA Waste Code Record End of Record Indicator				End of Record Indicator			

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
68.	DTID EPA Waste Code Subsection Trailer		16	16	EPA Waste Code Subsection Trailer			A literal of "end_dtidepa_sect". Identifies the end of a DTID EPA waste code record loop within a DTID record loop for the flat file format.
69.	DTID EPA Waste Code Subsection Trailer End of Record Indicator				End of Record Indicator			
70.	DTID State Waste Code Subsection Header		16	16	State Waste Code Subsection Header		2/HL01/0100 = {Hierarchical ID} 2/HL02/0100 = 2 2/HL03/0100 = ST	A literal of "beg_dtidsta_sect". Identifies the start of a DTID state waste code record loop within a DTID record loop for the flat file format. Since there is only one DTID per 856W, when there are DTID State Waste Code Subsection records each will be mapped to a child HL loop pointing to the parent DTID HL loop. (i.e. HL02 = "2").
71.	DTID State Waste Code Subsection Header End of Record Indicator				End of Record Indicator			

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
72.	Document Number		14	15	Document Number	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / DTIDSTA_SECT / DTIDSTA_ROW / PMR_DTID_NO		This is the DTID used by GenComm files to match DTID subsections to the parent DTID record. The hierarchical nesting of the records in the 856W negates the need to repeat the entry in this HL loop and risk a mismatch error being sent to the receiving application, however DAAS will confirm the DTID of the DTID Container Subsection matches the DTID of the parent DTID Section (See row #20 above).
73.	DTID State Waste Codes		4	10	DTID State Waste Codes	DRMO_FILE_GEN / DTID_SECT / DTID_SECT_REC / DTIDSTA_SECT / DTIDSTA_ROW / STATE_NR	2/REF01/1500 = CAN 2/REF02/1500 = {DTID State Waste Codes}	
74.	DTID State Waste Code Record End of Record Indicator				End of Record Indicator			
75.	DTID State Waste Code Subsection Trailer		16	16	State Waste Code Subsection Trailer			A literal of "end_dtidsta_sect". Identifies the end of a DTID state waste code record loop within a DTID record loop for the flat file format.

#	Generic Data Element	A, N or A/N	Min	Max	GenComm v5.0 (Pipe "|" Delimited)	GenComm XSD	856W	Notes
76.	DTID State Waste Code Subsection Trailer End of Record Indicator				End of Record Indicator			
77.	DTID Section Trailer		13	13	DTID Section Trailer			A literal of "end_dtid_sect". Identifies the end of a DTID record loop for the flat file format.
78.	DTID Section Trailer End of Record Indicator				End of Record Indicator			
79.	Transaction Included Segment Count		1	10			3/SE01/0200={# of segments}	
80.	Transaction Control Trailer		4	9			3/SE02/0200={serial number}	