DRMO to GENERATOR COMMUNICATIONS INTERFACE STANDARD 2.0.0

BACKGROUND:

GenComm is composed of two parts: GenComm enables the Generating Activity to communicate with the DRMO; DRMOGen enables the DRMO to communicate with the Generator.

GENERATOR COMMUNICATIONS – GENCOMM:

GenComm basically serves as an interpreter, allowing DRMS to read automated data submitted from the generator's system, which meets the standard set forth in this document. Data can be submitted in bar delimited format or in XML.

DRMO to GENERATOR COMMUNICATIONS - DRMOGEN:

DRMOGen provides audit trail information back to the Generator system. As the DTID moves through the Ultimate Disposal process, updates on the status of the property and the Pickup Manifest data are provided. Once a day, SHIP generates a DRMOGen file with the updated information.

WHY DRMOGEN?

- Generator systems can use the data to update their system
- Provides audit trail information back to the generator.
- Provides data needed for reporting purposes.
- Decrease paper handling.
- First step on the road to a paperless environment.

HOW DOES IT WORK?

- DRMS will generate the file daily, overwriting the old file. The file name will consist of the Generator DoDAAC and the DRMO Location Code. Example: W45N7V.4J
- File will be e-mailed to the generator when the following information is provided:
    - DoDAAC
    - E-mail address for personnel or system receiving the file.

FILE FORMAT FOR DRMO to GENERATOR COMMUNICATIONS
(DRMOGEN 2.0.0 - 07/25/07)

The file provides the Generator with the following information: Delivery Order data (DO) and Pickup Manifest data (PMF) for each DTID.

The basic structure for communicating this data is to use sections and subsections in a text file. The record format for each text line is determined by a combination of its sequence in the outline and its first field.

STRUCTURE:

1. The required outline is as follows:
    1. File Header
    2. DO Section

1.1 Each DO section is outlined as follows:
    1. DO Section Header
    2. DO Section Record(s)
    3. DO Section Trailer

1.2.1 Each PMF Section is outlined as follows:
    1. PMF Section Header
    2. PMF Section(s), if any
    3. PMF Section Trailer

1.2.2 Each EPA Waste Code Subsection is outlined as follows:
    1. EPA Waste Code Section Header
    2. EPA Waste Code Record(s)
    3. EPA Waste Code Section Trailer.

1.2.3 Each EPA Handling Code Subsection is outlined as follows:
    1. EPA Handling Code Subsection Header
    2. EPA Handling Code Record(s)
    3. EPA Handling Code Subsection Trailer.

1.2.4 Each Transportation Data Subsection is outlined as follows:
    1. Transportation Data Subsection Header
    2. Transportation Data Record(s)
    4. Transportation Data Subsection Trailer.

1.2.5 Each Container Data Section is outlined as follows:
    1. Container Data Section Header
    2. Container Data Record(s)
    3. Container Data Section Trailer.

NOTES:

1. Fields are restricted to (a maximum of) the length indicated, unless noted as variable (V).
2. Fields will be delimited by the pipe symbol ("|") in the bar delimited files. However, there will not be a trailing pipe ("|").
3. 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.
4. 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 FOLLOWING CODES ARE USED IN DEFINING RECORD FORMATS:

Mandatory (M) Alpha (A)
Optional (O) Numeric (N)
Alpha/Numeric (A/N)

THE FOLLOWING IS THE FORMAT OF A FILE HEADER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	DoDAAC	A/N	6	The Generator DoDAAC i.e. FB2020
M	Date	N	7	Julian date the file was created i.e. 2004332
M	Time	N	4	In the format HHMM
M	Form Version	A/N	5	DRMS DRMOGEN File Format version Number (currently 1.0.0
M	DRMO RIC	A/N	4	DRMO RIC and Suffix
M	Form Version	A/N	V	SHIP Software Release Version Number (currently version SHIP 6.18)
M	End of Record Indicator			

THE FOLLOWING IS A FORMAT FOR THE DO SECTION HEADER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	DO Section Header	A/N	11	A constant of "beg_do_sect"
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR A DO RECORD:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style	SHIP Table field name
M	Disposal Turn In Document (DTID) Number	A/N	15	W25G1V91250025	DTID_NO
M	DRMS Status Code	A/N	1	“D” = Received by the DRMO “E” = DO Requested “G”= DO Issued “M”= Partial Pickup “Z” = Complete Pickup	
M	Quantity of hazardous waste on the DTID	N	6		QTY
M	Unit of measure of hazardous waste	A/N	2	LB	UM
O	Total Disposal Cost	N	20	1.24	TOT_DSPSL_C
O	Price per unit for disposal of HW	N	5.2	00000.01	UP
O	BOSS Document Number	A/N	8	91250001	DOCNO
O	Customer Identifier (Used for	A/N	4	DOR1	CUST_CD

	grouping DTIDs into a delivery order request)				
O	Contract Number	A/N	13	SP440099D0023	CONTR_NO
O	Delivery Order Number	A/N	4	0002	DLVRY_ORDR
O	Contract(DO) Line Item Number CLIN	A/N	4	0002	
O	DRMS HIN Hazardous Identification Number	A/N	6	9102RR	DRMS_HIN
M	End of Record indicator				

THE FOLLOWING IS THE FORMAT FOR THE DO SECTION TRAILER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	DO Section Trailer	A/N	12	A constant of "end_do_sect""
M	End of Record Indicator			

THE FOLLOWING IS A FORMAT FOR THE PMF SECTION HEADER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	PMF Section Header	A/N	12	A constant of “beg_pmf_sect"
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR A PMF RECORD:

M/O	Description	Field Type	Field Length	Example, Format, or Style	SHIP Table field name
M	Disposal Turn In Document (DTID) Number	A/N	15	W25G1V9124000 1	DTID_NO
M	BOSS Document Number	A/N	8	9128023	DOCNO
M	Designated TSDF EPA ID number	A/N	12	CAD123456789	DSG_TSDF_E
M	Manifest Document number	A/N	12	123456789AAC	MFST_DOC_N
O	Manifest Page number	A/N	2	1	MFST_PAGE
O	Manifest Line number	A/N	3	333	MFST_LINE
O	Number of Containers	N	4		NUM_CNTRS
O	Container Type	A/N	2	DM, CF, TT	CNTR_TYP
M	Quantity of hazardous waste Picked up	N	6		QTY
M	Unit of measure of hazardous waste	A/N	2	LB, KG, GL, EA	UM
O	Date items were received by the first transporter (pickup date)	D	7	YYYYDDD Julian Date	RECP_DATE

O	Date the “comeback” copy of the Pickup Manifest was received from the Contractor	D	7	YYYYDDD Julian Date	RETRN_DATE
O	State manifest number	A/N	8		STATE_MFST
O	Date the Manifest arrives at the Transfer, Storage or Disposal Facility (TSDF Receipt Date)	D	7	YYYYDDD Julian Date	TSDF_RECP_
O	Management Method	A/N	4	H141	MGMNT_MTHD
M	End of Record Indicator				

THE FOLLOWING IS THE FORMAT FOR THE EPA WASTE CODE HEADER:

M/O	Field Name	Field Type	Field Length	Example, Fomat, or Style
M	EPA Waste Code Subsection Header	A/N	13	A constant of "beg_epa_sect
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR THE EPA WASTE CODE:

M/O	Description	Field Type	Field Length	Example, Format, or Style	SHIP table field name
M	Disposal Turn In Document (DTID) Number	A/N	15	W25G1V91240001	DTID_NO
M	BOSS Document Number	A/N	8	9128023	DOCNO
M	Manifest Document number	A/N	12	123456789AAC	MFST_DOC_N
M	EPA Waste Code	A/N	4	D001, NONE, F005	EPA_HAZ_WS
M	Sequence Number	N		1 = first waste code 2 = second waste code 3 = third waste code etc	SEQ_NO
M	End of record indicator				

THE FOLLOWING IS THE FORMAT FOR THE EPA WASTE CODE TRAILER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	EPA Waste Code Subsection Trailer	A/N	13	A constant of "end_epa_sect"
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR THE EPA HANDLING CODE HEADER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	EPA Handling Code Subsection Header	A/N	14	A constant of "beg_hndl_sect"
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR THE EPA HANDLING CODE:

M/O	Description	Field Type	Field Length	Example, Format, or Style	SHIP table Name
M	Disposal Turn In Document (DTID) Number	A/N	15	W25G1V91240001	DTID_NO
M	BOSS Document Number	A/N	8	9128023	DOCNO
M	Manifest Document number	A/N	12	123456789AAC	MFST_DOC_N
M	Three position EPA Handling Code (40 CFR 264/5)	A/N	3	S01, S02, D80, T81	HDL_CDS
M	Sequence Number	N		1 = first handling code 2 = second handling code 3 = third handling code etc	SEQ_NO
M	End of Record Indicator				

THE FOLLOWING IS THE FORMAT FOR THE EPA HANDLING CODE TRAILER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	EPA Handling Code Subsection Trailer	A/N	14	A constant of "end_hndl_sect"
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR THE TRANSPORTATION DATA HEADER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	Transportation Subsection Header	A/N	14	A constant of "beg_tran_sect"
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR THE TRANSPORTATION DATA:

M/O	Description	Field Type	Field Length	Example, Format, or Style	SHIP table Name
M	Disposal Turn In Document (DTID) Number	A/N	15	W25G1V91240001	DTID_NO
M	BOSS Document Number	A/N	8	9128023	DOCNO
M	Manifest Document number	A/N	12	123456789AAC	MFST_DOC_N
M	Transporter EPA Identification number	A/N	12	CAD123456789	TNSP_EPA_N
M	Date items were received by transporter	D	7	YYYYDDD Julian Date	RECP_DATE
M	Sequence Number	N		1 = first transporter 2 = second transporter 3 = third transporter etc	SEQ_NO

M	End of record indicator				

THE FOLLOWING IS THE FORMAT FOR THE TRANSPORTATION DATA TRAILER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	Transportation Subsection Trailer	A/N	14	A constant of "end_tran_sect"
M	End of Record Indicator			

THE FOLLOWING IS A FORMAT FOR THE PMF SECTION TRAILER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	PMF Section Trailer	A/N	12	A constant of "end_pmf_sect"
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR THE CONTAINER DATA HEADER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	Container Section Header	A/N	14	A constant of "beg_cont_sect"
M	End of Record Indicator			

THE FOLLOWING IS THE FORMAT FOR THE CONTAINER DATA:

M/O	Description	Field Type	Field Length	Example, Format, or Style	SHIP table Name
M	Disposal Turn In Document (DTID) Number	A/N	15	W25G1V91240001	DTID_NO
M	Container Number	A/N	15	W25G1K000100001	
O	Container Quantity	N	6	123456	
O	Site Location	A/N	2	Z#	
O	Location	A/N	9	H010201A0	
M	End of record indicator				

THE FOLLOWING IS THE FORMAT FOR THE CONTAINER DATA TRAILER:

M/O	Field Name	Field Type	Field Length	Example, Format, or Style
M	Container Section Trailer	A/N	14	A constant of "end_cont_sect"
M	End of Record Indicator			