

AP9. APPENDIX 9

GENERATOR COMMUNICATIONS INTERFACE STANDARD 5.0.0

AP9.1 General.

AP9.1.1. Generator Communications (GenComm) basically serves as an interpreter, allowing DLA Disposition Services 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.

AP9.1.2. GenComm allows for the electronic transfer of the Waste Profile Sheet (WPS, DRMS 1930 and the Disposal Turn-In Document (DTID, DD1348-1A) data.

AP9.1.2.1. It expedites the transfer of accountability from the Generator to the DLA Disposition Services Field Office.

AP9.1.2.2. It expedites the ultimate disposal of hazardous waste from the DoD supply chain by reducing keystroke errors and lowering data entry costs by decreasing paper handling.

AP9.2. Procedure.

AP9.2.1. The generator uses their system to create either an ASCII or an XML file.

AP9.2.2. The generator transfers their file to the GenComm server by using one of the following methods:

AP9.2.2.1. E-mail file to: gencomm@gencomm.dla.mil

AP9.2.2.2. Upload the file to: Gencomm Upload Page
(<https://www.drms.dla.mil/gencomm/GencommUpload>)

AP9.2.2.3. Use secure shell/secure FTP

AP9.2.3. Generator checks the GenComm Log file to check for problems or errors. The log file lists the WPS numbers and DTID numbers, which processed. Items rejected show the WPS/DTID number and a reason for the reject. Items rejected need to be resubmitted in a new file, with a different name. Note: the individual records reject – not the entire file.

AP9.2.4. To receive the GenComm Log file submit the following via e-mail:

AP9.2.4.1. DoDAAC

AP9.2.4.2. E-mail Address for system or individual(s) to receive the log.

AP9.2.4.3. To: <mailto:DRMSShipHQ@dla.mil>

AP9.3. File Format for Generator Communications (Version 5.0.0 – 04/17/08). 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.

AP9.3.1. Structure.

AP9.3.1.1. The required outline is as follows:

- File Header
- WPS Section, if any
- DTID Section, if any

AP9.3.1.2. Each WPS section is as follows:

- WPS Section Header
- WPS Subsection(s), if any
- WPS Section Trailer

AP9.3.1.2.1 Each WPS Subsection is as follows:

- WPS Record
- Chemical Composition Subsection, if any
- EPA Waste Number Subsection, if any.

AP9.3.1.2.2. Each Chemical Composition Subsection is as follows:

- Chemical Composition Section Header
- Chemical Composition Record(s)
- Chemical Composition Section Trailer.

AP9.3.1.2.3. Each EPA Waste Number Subsection is as follows:

- EPA Waste Number Subsection Header
- EPA Waste Number Record(s)
- EPA Waste Number Subsection Trailer.

AP9.3.1.3. Each DTID section is as follows:

- DTID Section Header
- DTID Subsection(s), if any
- DTID Section Trailer.

AP9.3.1.3.1. Each DTID Subsection is as follows:

- DTID Record
- DTID Container Subsection, if any
- DTID EPA Waste Code Subsection, if any
- DTID State Waste Code Subsection, if any

AP9.3.1.3.2. Each DTID Container Subsection is as follows:

- DTID Container Subsection Header
- DTID Container Record(s)
- DTID Container Subsection Trailer.

AP9.3.1.3.3. Each DTID Container Subsection is as follows:

- DTID EPA Waste Code Subsection Header
- DTID EPA Waste Code Record(s)
- DTID EPA Waste Code Subsection Trailer.

AP9.3.1.3.4. Each DTID State Waste Code Subsection is as follows:

- DTID State Waste Code Subsection Header
- DTID State Waste Code Record(s)
- DTID State Waste Code Subsection Trailer.

AP9.3.2. Fields are restricted to a maximum of the length indicated, unless noted as variable (V).

AP9.3.3. Fields will be delimited by the pipe symbol (“|”) in the bar delimited files. However, there will not be a trailing pipe (“|”).

AP9.3.4. 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.

AP9.3.5. At the end of any record there are three options:

AP9.3.5.1. Continue with the next record.

AP9.3.5.2. Terminate the section or subsection with its trailer and start a new section or subsection.

AP9.3.5.3. Terminate the section or subsection with its trailer and quit (End of file).

AP9.3.6. The following codes are used in defining record formats:

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

AP9.4. Record Formats for Generator Communications (Version 5.0.0 - 04/17/08)

AP9.4.1. File Header Format. The header record will be followed by one or two sections: Waste Profile Sheet (WPS) Section or Disposal Turn In Document (DTID) Section. Each section can contain one or more records. A section must have a section header and a section trailer. Permissible combinations are: File Header (FH) and WPS and DTID Sections (in that order), FH and WPS Section only, or FH and DTID section only. Note: The Routing Identifier Code (RIC) SFX must be coordinated with your environmental contact to ensure proper routing.

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 i.e. FB2020
M	Transaction Date	N	7	7	Julian date the file was created i.e. 1994332
M	Transaction Time	N	4	4	In the format HHMM
M	DLA Disposition Services Site ID (RCCC)	A/N	4	3	DLA Disposition Services Site ID
O	Generator's Software Release Version Number	A/N	50	1	Generator Software Release Version Number
M	End of Record Indicator				

AP9.4.2. WPS Section Header Format.

M/ O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	WPS Section Header	A/N	12	12	A constant of "beg_wps_sect"
M	End of Record Indicator				

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	Waste Profile Number	A/N	20	5		Part 1 – A
M	Generator Name	A/N	30	2		Part 1 – A-1
M	Facility Address Line 1	A/N	30	3		Part 1 – A-2
O	Facility Address Line 2	A/N	30	0		Part 1 – A-2
M	Facility Address Line 3	A/N	30	2	City & State	Part 1 – A-2
M	Facility ZIP Code	A/N	10	5	NNNNN-NNNN	Part 1 – A-3
O	Generator USEPA ID	A/N	13	0		Part 1 – A-4
O	Generator State ID	A/N	13	0		Part 1 – A-5
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	
O	Name of Waste	A/N	60	0		Part 1 – B-1
O	Process Generating Waste	A/N	60	0		Part 1 – B-3
O	Projected Annual Volumes	N	10.4	0	NNNNNNNNNN.NNN N	Part 1– B-3
O	Projected Annual Units	A	10	0		Part 1 – B-4
O	Mode of Collection	A	15	0		Part 1 – B-5
O	Dioxin Waste	A	1	0	Y/N	Part 1 – B-6
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

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	Meets Treatment Standards <i>Indicator</i>	A	1	0	Y/N	Part 1 – B-7-C
O	Treatment Standard Reference	A/N	30	0		Part 1 – B-7-C
O	Color	A	30	0		Part 2 – 1-1
O	Density	A/N	15	0		Part 2 – 1-2
O	BTU/LB	A/N	15	0		Part 2 – 1-3
O	Total Solids	A/N	15	0		Part 2 – 1-5
O	Ash Content	A/N	15	0		Part 2 – 1-4
O	Layering	A	12	0	MULTILAYERED, BILAYERED, SINGLE PHASE	Part 2 – 1-6
O	Physical State	A	10	0	S = SOLID, L = LIQUID, SS = SEMISOLID, G = GAS, O = OTHER	Part 2 – 2
O	Treatment Group	A	1	0	W=Wastewater, N = Nonwastewater	
O	Ignitable <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Flash Point (<i>Degrees Fahrenheit</i>)	A/N	9	0		Part 2 – 2
O	High TOC (> 10 %) <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Low TOC (< 10 %) <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Reactive <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Water Reactive <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Cyanide Reactive <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Sulfide Reactive <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Corrosive <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Ph	A/N	8	0	Example: >= 12.5	
O	Toxicity Characteristic <i>Indicator</i>	A	1	0	Y/N	Part 2 – 2
O	Corrodes Steel <i>Indicator</i>	A	1	0	Y/N	
O	Copper Quantity	N	20	0		
O	Copper Units	A/N	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	Phenolics Quantity	N	20	0		
O	Phenolics Units	A/N	5	0		
O	Nickel Quantity	N	20	0		
O	Nickel Units	A/N	5	0		
O	Total Halogens Quantity	N	20	0		
O	Halogens Units	A/N	5	0		
O	Zinc Quantity	N	20	0		
O	Zinc Units	A/N	5	0		
O	Volatile Organics Qty	N	20	0		
O	Volatile Organics Units	A/N	5	0		
O	Chromium Hex Quantity	N	20	0		
O	Chromium Units	A/N	5	0		
O	PCB Quantity	N	20	0		
O	PCB Units	A/N	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	5	0		
O	Dot Hazardous Material	A	1	0	Y/N	Part 2-4
O	Proper Shipping Name	A/N	200	0		Part 2-4
O	Hazard Class	A/N	18	0		Part 2-4
O	UN or NA Number	A/N	6	0		Part 2-4
O	Additional Description	A/N	60	0		Part 2-4
O	Packing Type	A/N	30	0	BULK, DRUM or OTHER (Describe)	Part 2-4
O	DoT Reportable Quantity	N	5	0		Part 2-4
O	DoT Unit of Issue	A/N	5	0		
O	Packing Group	A	3	0		Part 2-4
O	Emergency Response Guide Page Number	N	4	0		Part 2-4
O	Edition (YR)	N	4	0		
O	Special Handling Information	A/N	90	0		Part 2-5

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	Basis For Information	A	4	0	USER for user knowledge LAB for chemical analysis	Part 2-6
O	RCRA Requirements	A/N	255	0		
O	Additional RCRA Requirements	A/N	255	0		Part 2-6
O	Certifier Name	A	45	0		Part 2-6
M	End of Record Indicator					

AP9.4.4. Chemical Composition Header 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	Composition Subsection Header	A/N	13	13	A constant of "beg_comp_sect"	
M	End of Record Indicator					

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 Name	A	60	2		Part 2-3
M	Chemical Concentration	A/N	30	1		Part 2-3
M	Chemical Range	A/N	30	2		Part 2-3
M	CAS Identifier	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	
M	End of Record Indicator					

AP9.4.6. Chemical Composition Trailer Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	Composition Subsection Trailer	A/N	13	13	A constant of "end_comp_sect"
M	End of Record Indicator				

AP9.4.7. EPA Waste Number Header Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	EPA Waste No Subsect Header	A/N	12	12	A constant of "beg_ewn_sect"
M	End of Record Indicator				

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	EPA HW Number	A/N	4	4	EPA HW Number i.e. D001
M	EPA Units	A/N	5	2	
M	End of Record Indicator				

AP9.4.9. EPA Waste Number Trailer Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	EPA Waste No Subsection Trailer	A/N	12	12	A constant of "end_ewn_sect"
M	End of Record Indicator				

AP9.4.10. WPS Section Trailer Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
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M	WPS Section Trailer	A/N	12	12	A constant of "end_wps_sect"
M	End of Record Indicator				

AP9.4.11. DTID Section Header Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	DTID Section Header	A/N	12	12	A constant of "beg_dtid_sect"
M	End of Record Indicator				

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	Federal Supply Class	N	4	4	
M	NIIN/Local Stock Number	A/N	9	9	
O	Additional Data	A/N	2	0	
M	Document Number	A/N	15	14	Disposal Turn In Document Number
M	Unit of Issue	A	2	2	
M	Issued Quantity	N	7	1	
O	Disposal Authority Code	A	1	0	M=Approved, N=Not Reqd., R=Auth. Received
M	Hazardous Waste/ Material Code	A	1	1	"W" for hazardous and non-regulated waste, "M" for hazardous material, and "N" for <i>usable</i> 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	Item Nomenclature	A/N	60	2	
M	Supply Condition Code	A	1	1	
M	Demilitarization Code	A	1	1	
O	Accumulation Start Date	N	7	0	Julian Date i.e. 1994320

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
O	Waste Profile Sheet Number	A/N	20	5	
O	MSDS Number	A/N	15	0	
O	Receipt Manifest Number	A/N	17	0	Only used for property received at the DLA Disposition Services Field Office from an off-site facility. Put in the 12 digit EPA Manifest Number.
O	Type of Container	A/N	60	0	
O	Disposal Total Weight/Volume	N	6	0	
O	Disposal Total Weight/Volume Unit	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	Organization 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.
M	Contact Name	A	18	4	
M	Contact Phone	A/N	21	4	
O	Waste Description Line 1	A/N	60	0	
O	Waste Description Line 2	A/N	60	0	
O	Waste Description Line 3	A/N	60	0	
O	Waste Description Line 4	A/N	60	0	
O	Contract Number	A/N	13	0	
O	HIN	A/N	6	6	
M	Total Disposal Cost	N2	5.2	4	NNNNN.NN
M	Fund Code	A/N	2	2	
O	Bill to DoDAAC	A/N	6	0	
O	Pickup DoDAAC	A/N	6	0	
O	Number of Containers	N	4	0	Count of containers in DTID
M	End of Record Indicator				

AP9.4.13. DTID Container Header Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	Container Subsection Header	A/N	13	13	A constant of "beg_cont_sect"
M	End of Record Indicator				

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	Document Number	A/N	15	1	Disposal Turn In Document Number
M	Container Number	A/N	15	1	Alias "Drum Number"
O	Storage Location Code	A/N	16	0	Location within the building
O	Container Weight/Volume	N	6	0	
O	Accumulation Start Date	N	7	0	Julian Date i.e. 1994320
M	End of Record Indicator				

AP9.4.15. DTID Container Trailer Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	Container Subsection Trailer	A/N	13	13	A constant of "end_cont_sect"
M	End of Record Indicator				

AP9.4.16. DTID EPA Waste Code Header Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	EPA Waste Code	A/N	16	16	A constant of "beg_dtidepa_sect"

	Subsection Header				
M	End of Record Indicator				

AP9.4.17. DTID EPA Waste Code Record Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	Document Number	A/N	15	14	Disposal Turn In Document Number
M	DTID EPA Waste Codes	A/N	4	4	EPA waste code for DTID
M	End of Record Indicator				

AP9.4.18. DTID EPA Waste Code Trailer Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	EPA Waste Code Subsection Trailer	A/N	16	16	A constant of "end_dtidepa_sect"
M	End of Record Indicator				

AP9.4.19. DTID State Waste Code Header Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	State Waste Code Subsection Header	A/N	16	16	A constant of "beg_dtidsta_sect"
M	End of Record Indicator				

AP9.4.20. DTID State Waste Code Record Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	Document Number	A/N	15	14	Disposal Turn In Document Number

M	DTID State Waste Codes	A/N	10	4	State waste code for DTID
M	End of Record Indicator				

AP9.4.21. DTID State Waste Code Trailer Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	State Waste Code Subsection Trailer	A/N	16	16	A constant of "end_dtidsta_sect"
M	End of Record Indicator				

AP9.4.22. DTID Section Trailer Format.

M/O	Field Name	A, N or A/N	Field Length	Min Field Length	Example, Format or Style
M	DTID Section Trailer	A/N	13	13	A constant of "end_dtid_sect"
M	End of Record Indicator				