Record 1, File Header

Characters 1-3	"009"	Fixed-file type
Characters 4-9	6 numeric	Date of file generation (year, month, day)
Character 10	"1"	Fixed-record type (denotes file header)
Characters 11-21	11 alpha	Vessel (left-justified)
Characters 22-27	6 alpha	Cruise number (left-justified)
Characters 28-44		Cruise dates in form xx/xx/xx-xx/xx/xx (year, month, day)
Characters 45-63	19 alpha	Senior Scientist (left-justified)
Characters 64-87	24 alpha	Investigator and Institution responsible for data

Record 2, Sample Header 1

Characters 1-3	"009"	Fixed-file type
Characters 4-9	6 numeric	Date of file generation (year, month, day)
Character 10	"2"	Fixed-record type (denotes sample header)
Characters 11-13	"001"	Fixed-sequence number of record type*
Characters 14-18	5 alpha	Lab sample number
Characters 19-25	6 numeric 1 alpha	Latitude (degrees, minutes, seconds, hemisphere -N or S)
Characters 26-33	7 numeric	Longitude (degrees, minutes, seconds, hemisphere -E or W)
Characters 34-36	3 numeric	Station time (GMT to nearest tenth of a hour)
Characters 37-44		Sample Date in form xx/xx/xx (year, month, day)
Characters 45-49	5 numeric	Water depth (to nearest tenth of a meter)
Characters 50-51	2 numeric	Navigation: 01-Loran A 02-Loran C 03-Radar and/or Fixes 04-Raydist (w/o complications) 05-Raydist (with errors, drifting etc.) 06-Satellite 07-Omega
Character 52	1 numeric	Analytical Procedure 1-Hydrocarbonclastic bacteria - MPN dilution procedure
Characters 53-56	4 numeric	Sample depth (to nearest meter)
Character 57	1 numeric	Sample type 1-water 2-sediment 3-surface film
Characters 58-80	Blank	

* The last sample header for each sample is followed by a terminator record with characters 1-10 identical to the last sample header, followed by a 998 as characters 11-13 and all other characters blank.

Record 3, Sample Header 2

Characters 1-3	"009"	Fixed-file type
Characters 4-9	6 numeric	Date of file generation (year, month, day)
Character 10	"2"	Fixed-record type (denotes sample header)

Characters 11-13	"002"	Fixed-sequence number of record type*
Characters 14-18	5 alpha	Sample number
Characters 19-21	3 numeric	Barometric pressure (in tens, units, and tenths of millibars)
Characters 22-25	4 numeric	Dry-bulb air temperature (°C to nearest tenth)
Characters 26-29	4 numeric	Wet-bulb air temperature (°C to nearest tenth)
Characters 30-31	2 numeric	Wind direction (code indicating tens of degrees according to WMO Code 0877)
Characters 32-33	2 numeric	Wind Speed (to nearest knot)
Characters 34-35	2 numeric	Sea Direction (code indicating tens of degrees according to WMO Code 0885)
Character 36	1 numeric	Sea Height (code indicating height of waves according to WMO Code 1555)
Characters 37-38	2 numeric	Swell direction (code indicating tens of degrees according to WMO Code 0885)
Character 39	1 numeric	Swell height (code indicating height of swell according to WMO Code 1555)
Character 40	1 numeric	Weather (code indicating weather according to WMO Code 4501)
Character 41	1 numeric	Cloud type (code indicating cloud type according to WMO Code 0500)
Character 42	1 numeric	Cloud cover (code indicating percent cloud cover according to WMO Code 2700)
Character 43	1 numeric	Visibility (code indicating visibility according to WMO Code 4300)
Characters 44-47	4 numeric	Secchi Disk Depth (to nearest tenth of a meter
Character 48	1 numeric	Turbidity Measurement Technique 1-Turbidometer, in JTU 2-Transmissometer, in % light transmission over 10cm path 3-Fluorometer suspended solids calibration
Characters 49-80	Blank	

* The last sample header for each sample is followed by a terminator record with characters 1-10 identical to the last sample header followed by 998 as characters 11-13 and all other characters blank.

Record 4, Data Record

Characters 1-3	"009"	Fixed-file type
Characters 4-9	6 numeric	Date of file generation (year, month, day)
Character 10	"3"	Fixed-record type (denotes data record)
Characters 11-13	3 numeric	Sequence number of record type*
Characters 14-18	5 alpha	Lab sample number
Characters 19-25	7 numeric	heterotrophic bacteria (per ml if water, per gram if sediment, per cm^2 if surface film: MPN Value, 2 decimals)
Characters 26-32	7 numeric	hydrocarbonoclastic bacteria (per ml if water, per gram if sediment, per cm^2 if surface film: MPN Value, 2 decimals)
Characters 33-80	Blank	

The last data record of each sample is followed by a terminator record with characters 1-10 identical to the last data record, followed by 998 as characters 11-13, and with all other characters blank. The last data record of the entire file is followed by a terminator record (last record of the file) with characters 1-10 identical to the last data record, followed by 999 as characters 11-13, and with all other characters blank.