

stopathological Data-Tape Layout 7 Character Records

Record 1, File Header

Characters 1-3	"011"	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
Characters 28-44		Date 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	"011"	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	Sample number
Characters 19-25	6 numeric	Latitude (degrees, minutes, seconds, hemisphere -N or S)
Characters 26-33	7 numeric	Longitude (degrees, minutes, seconds, hemisphere -E or W)
Characters 34-36	1 alpha	Station time (GMT to tenths of a hour)
Characters 37-44	3 numeric	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
Characters 54-57	6 alpha	Trawl number
Characters 58-62	5 numeric	Specimen number
Characters 63-67	5 numeric	Specimen subnumber
Characters 68-72	5 numeric	Specimen type 00001-stomach 00002-lower gut 00003-upper gut 00004-foot 00005-mantle 00006-gill 00007-heart 00008-liver 00009-spleen 00010-hepatopancreas 00011-adductor 00012-muscle 00013-musculature 00014-testes

00015-ovary
 00016-whole animal
 00017-right half
 00018-left half
 00019-cephalothorax and abdomen
 00020-abdomen
 00021-cephalothorax
 00022-anterior half
 00023-posterior half
 00024-1/5 of echinoderm
 00025-2/5 of echinoderm
 Species (VIMS Code)
 Size (mm)

Characters 73-82 10 numeric
 Characters 83-87 5 numeric

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

Record 3, Sample Header 2

Characters 1-3	"011"	Fixed-file type
Characters 4-9	6 numeric	Date of file generation (year, month, day)
Character 10	"2"	Record type (denotes sample header)
Characters 11-13	"002"	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 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 10 cm path 3-Fluorometer, suspended solids calibration
Characters 49-87	Blank	

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

Record 4, Data Record

Characters 1-3	"011"	Fixed-file type
Characters 4-9	6 numeric	Date of file generation (year, month, day)
Character 10	"4"	Fixed-record type (denotes data record)
Characters 11-13	3 numeric	Sequence number of record type*
Characters 14-18	5 alpha	Sample number
Characters 19-23	5 numeric	Slide number
Characters 24-28	5 numeric	Specimen number
Characters 29-33	5 numeric	Specimen subnumber
Character 34	1 alpha	Sex
Characters 35-39	5 numeric	Gonadal maturity
		a-1 in column indicated indicates presence of state, a 0 absense
		col 35-premordial germ cells
		col 36-spermatozonia oogonia
		col 37-spermatocytes or oocytes
		col 38-spermatids or ootides
		col 39-spermatozoa
Characters 40-44	5 numeric	Micrograph numbers
Characters 45-47	4 alpha	Comments (left-justified)
45-47	2 numeric	Stain type coded

* The last data record of each station 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.