

650154
CONTENTS OF B19840

A 01451 (D 01622)

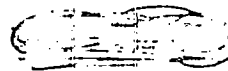
FILE #	DATA TYPE	DDF#	FILE TYPE	DATA COPIED FROM NODC TAPE
1	NON-METAL ANALYSIS (HYDROCARBONS)	II-1-1	62	BUKOIL
2	BACTERIA-BEHAVIOR	II-1-2	65 & 63	BUKOIL
3	BACTERIA-DEGRADATION RATES	II-1-3	65 & 61	BUKOIL
4	BACTERIA-ENUMERATION	II-1-4	65 & 60	BUKOIL
5	BACTERIA-TAXONOMY/ PHYSIOLOGICAL DIVERSITY	II-1-5	65 & 62	BUKOIL
6	RESPIROMETRY EXPERIMENT	II-1-6	73	BUKOIL
7	TRACE METAL-SEDIMENT (DRIVER CORE)	II-1-7	20	BUKOIL
8	SEDIMENT-SIZE ANALYSIS	II-1-8	21	BUKOIL
9	STOMACH CONTENTS	II-1-9	59	BUKOIL
10	DEMERSAL FISH	II-1-10	57	BUKOIL
11	SHRIMP BIOASSAY	II-1-11	80	BUKOIL
12	TRACE METALS	II-1-12	22	BUKOIL
13	TRAPPED SUSPENDED SEDIMENT	II-1-13	23	BUKOIL
14	STOMACH CONTENTS	III-1	37X-53	BUKOIL
15	Pb-210	III-2	326	BUKOIL
16	BIOASSAY (TOXICITY)	III-3	91 & 93	BUKOIL
17	ALGAE	III-4	37A	BUKOIL
18	TAGGING	III-5	371	BUKOIL
19	HISTOPATHOLOGY AND BACTERIOLOGY	III-6	372	BUKOIL
20	MORPHOMETRIC	III-7	373	BUKOIL
21	BLENNY CENSUS	III-8	375	BUKOIL
22	BIOMASS SAMPLES-WEIGHT AND BARNACLES	III-9	376	BUKOIL
23	PISTOL SHRIMP AND STONE CRAB	III-10	377	BUKOIL
24	BIOMASS-LARGE CRYPTIC SAMPLES	III-11	378	BUKOIL
25	SURFICIAL SEDIMENTS	III-12	321	BUKOIL
26	SUSPENDED PARTICULATES	III-13	322	BUKOIL
27	SEDIMENTS	III-14	323	BUKOIL
→ 28	WATER COLUMN (WATER CHEMISTRY)	III-15	324	BUKOIL
29	CLAY MINERALOGY	III-16	325	BUKOIL
30	BACTERIA-ENUMERATION	III-17	64 & 60	BUKOIL
31	BACTERIA-DEGRADATION RATES	III-18	64 & 61	BUKOIL
32	BACTERIA-TAXONOMY	III-19	64 & 62	BUKOIL
33	BACTERIA-GROWTH CHARACTERISTICS	III-20	64 & 63	BUKOIL
34	TRACE METALS	III-21	001	BUKOIL
35	TRACE METALS-ORGANISM, SEDIMENTS, WATER	III-22	001	BUKOIL
→ 36	HYDROGRAPHY	III-23	-	BUKOIL
37	ELECTROMAGNETIC CURRENT METER	III-24	-	BUKOIL
38	TOTAL SUSPENDED SOLIDS	III-25	-	BUKOIL
39	CONTINUOUS CURRENT METER	III-26	-	BUKOIL

<u>FILE #</u>	<u>DATA TYPE</u>	<u>DDF#</u>	<u>FILE TYPE</u>	DATA COPIED FROM <u>NODC TAPE</u>
40	METEOROLOGICAL DATA	III-27	-	BUKOIL
41	WAVE DATA	III-28	-	BUKOIL
42	HYDROCARBONS, BIOCIDES AND SULPHUR	III-29	62	BUKOIL
43	RESPIROMETRY	III-30	73	BUKOIL
44	TRANSMISSIOMETRY	IV-1	328	BUKOIL
45	SUSPENDED PARTICULATES	IV-2	322	BUKOIL
46	BACTERIA-ENUMERATION #2	IV-3	64 & 60	BUKOIL
47	BACTERIA-TAXONOMY #2	IV-4	64 & 62	BUKOIL
48	BACTERIA-TAXONOMY	IV-5	64 & 62	BUKOIL
49	BACTERIA-DEGRADATION RATES #2	IV-6	64 & 61	BUKOIL
50	BACTERIA-DEGRADATION RATES	IV-7	64 & 61	BUKOIL
51	STOMACH CONTENTS	IV-8	37X & 53	BUKOIL
52	BACTERIA-GROWTH CHARACTERISTICS	IV-9	64 & 63	BUKOIL
53	BACTERIA-ENUMERATION	IV-10	64 & 60	BUKOIL
54	RED SNAPPER CENSUS	IV-11	53	BUKOIL
55	LARGE BARNACLE PRODUCTION	IV-12	37	BUKOIL
56	TRACE METALS	IV-13	001	BUKOIL
57	BACTERIA-GROWTH CHARACTERISTICS #2	IV-14	64 & 63	BUKOIL
58	GASEOUS HYDROCARBONS	IV-15	32A	BUKOIL
59	SURFICIAL SEDIMENTS	IV-16	321	BUKOIL
60	SEDIMENTS	IV-17	323	BUKOIL
61	TIME LAPSE PHOTOGRAPHY	IV-18	33	BUKOIL
62	TAGGING	IV-19	53	BUKOIL
63	C5 - C14	IV-20	62	BUKOIL
→ 64	WATER COLUMN	IV-21	324	BUKOIL
65	HYDROCARBONS, BIOCIDES AND SULPHUR	IV-22	62	BUKOIL
66	BRINE DYE RELEASE	II-1	56	05743
67	FISH BIOASSAY	II-2	54	05743
68	ICHTHYOPLANKTON	II-3	02	05743
69	FOOD HABITS - STATION	II-4	71	05743
70	REEF FISH CENSUS	II-5	55	05743
71	PELAGIC FISH CENSUS	II-6	58	05743
72	FOOD HABITS - STOMACH CONTENTS	II-7	77	05743
73	BIOFOULING	II-8	72	05743
74	TRANSPONDING BUOY	II-9	41	05743
75	TRANSPONDING BUOY	II-9	41	05743
76	DRIFT BOTTLE RELEASE/RECOVERY	II-10	50	05743
77	DYE STUDY - STATION	II-11	40	05743
→ 78	OCEAN SERIAL STATIONS	II-12	31	05743
79	CURRENT METER/WIND RECORDS	II-13	005	05743

<u>FILE #</u>	<u>DATA TYPE</u>	<u>DDF#</u>	<u>FILE TYPE</u>	DATA COPIED FROM <u>NODC TAPE</u>
→ 80	OCEAN SERIAL STATIONS	I-1	31	14382
81	TOTAL ORGANICS	I-2	151	14382
82	PLANKTON	I-3	109	14382
83	SESSILE FAUNA	I-4	106	14382
84	HYDROCARBONS	I-5	162	14382
85	FISH DETERMINATION	I-6	108	14382
86	TRACE METALS	I-7	101	14382
87	SEDIMENT	I-8	101	14382
88	BENTHOS	I-9	125	14382
89	DEMERSAL FISH	I-1-1	157	02506
90	BIRDS	I-1-II	105	02506
91	DRIFT BOTTLE RELEASES	I-1-V	150	02506
92	PELAGIC FISH	I-1-IV	157	02506
93	ICHTHYOPLANKTON	I-1-II	102	02506

RCVD: 6/24/80

ACCESSION
NUMBER



FILE 23

DATA DOCUMENTATION FORM

80 00461

NOAA FORM 24-13
(4-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R2651

BUCCANER OIL FIELD

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

1. Geography

840 R.L. 100

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Larry Danek NALCO Environmental Sciences 1500 Frontage Road Northbrook, Illinois 60062 (312) 564-0700			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico, 1978-1979 EPA-IAG-DS-E693-EO		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT N/A	
4. PLATFORM NAME(S) GUS III 21G2	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR US US	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 7/27/78 10/26/78 2/79 5/9/79
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 2/20/79 - 2/20/79 GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNIP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Same as Item-1			

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

There are 2 record types: 1) Station and 2) Observation

The 1st 11 records are station records followed by all the observation records

Each physical record on tape contains 2000 bytes and consists of 25 logical records as described in Section 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file consists of multiple physical records (2000 bytes in length) followed by a single end-of-file.

This file is the 0.350 file on tape # 25766.

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1☐ ALGOL☐ COBOL☒ FORTRAN

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

Hillman Holley 601-688-3102 (FTS 494-3102)

~~National Space Technology Laboratories~~ National Marine Fisheries Service

National Space Technology Laboratories

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE NSTL Station, MS 39529

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) EDIS ARCHIVAL TAPE # 25766 EPA40 H. HOLLEY
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 2000 13. LENGTH OF BYTES IN BITS 8

RECORD FORMAT DESCRIPTION

RECORD NAME

HYDROGRAPHY (OBSERVATION)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Blank	0	2	bytes	3I2	Blank
Date	1	6	bytes	3I2	month, day, and year of sample.
Blank	TP	2	bytes	2X	Blank
Time	00	6	bytes	I4, I2	Time in hours, and minutes and seconds,
Station	15	8	bytes	F8.0	Station number
Depth	23	8	bytes	F8.1	Depth in meters
Conductivity	31	8	bytes	F8.2	Conductivity in mmHos/cm
SALINITY	39	8	bytes	F8.2	Salinity in ppt
Temperature	47	8	bytes	F8.2	Temperature in °C
Dissolved Oxygen	55	8	bytes	F8.2	Dissolved Oxygen in mg/L
PH	63	8	bytes	F8.2	Ph - value
Transmissivity	71	8	bytes	F8.1	Transmissivity in %
* 8888 → data value unknown					

RECORD FORMAT DESCRIPTION

RECORD NAME

HYDROGRAPHY (STATION)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Station code Station Code	16 6	bytes 1	bits bytes	Station A1	station code "H"-constant
Station number	02	2	bytes	I2	Station number (left justified)
Latitude	4	10	bytes	2XI2, IXF5.2	Latitude in degrees and minutes (to hundredth)
Longitude	14 20	11	bytes	2XI3, IXF5.2	Longitude in degrees and minutes (to hundredth)
Comments	25 37	42	bytes	7A6	Comments about station.

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	

2 NOV 77

DDF A-2:15

80

8000461

DATA DOCUMENTATION FORM 24-13
BUCCANEER OIL FIELD

OCEAN SERIAL STATIONS
603

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

ORIGINATOR'S TAPE
RETURNED BY REQUEST

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

TWO
NODC
TAPE
COPIES

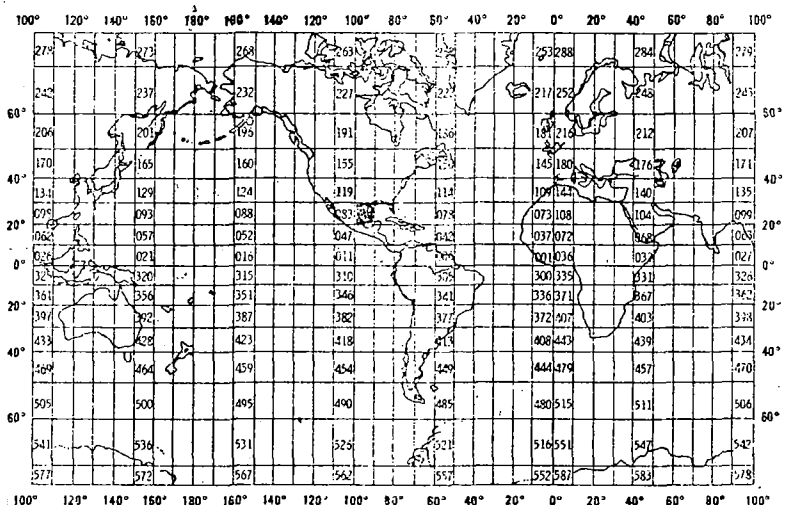
198 STATIONS

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES
L RECL=84
BLKSIZE=2100
FILE=#1

14379
14382

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Mr. John Martin Southeast Fisheries Center Galveston, Laboratory 4700 Avenue U Galveston, Texas 77550 Telephone (713) 763-1211 x 507 FTS: 527-6507			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Environmental Assessment of an Oil Field in the Northwestern Gulf of Mexico, 1976-1977 EPA-IAG-DS-E693-EO	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 001-76 thru 014-76 001-77 thru 003-77		
4. PLATFORM NAME(S) GUS III KINGFISH RACHEL CARSON SEA BOB OREGON II	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP (SEE INSIDE)	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR US US US US	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 5/24/76 12/4/76 1/17/77 3/3/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW) All			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Same as Item 1			

HYDROGRAPHY - ENVIRONMENTAL

CRUISE	DATE	VESSEL		
1	5/24/76 - 5/30/76	GUS III	Q3	31
4	7/7/76	SEABOB	2B	32
8	8/11/76 - 8/12/76	GUS III	Q3	31
9	8/16/76 - 8/21/76	GUS III	Q3	31
11	9/23/76 - 9/24/76	KINGFISH	KT	31
12	10/18/76 ✓	KINGFISH	KT	31
13	11/11/76	RACHAEL CARSON	RC	32
14	12/1/76 - 12/4/76	GUS III	G3	31
1	1/17/77 - 1/18/77	GUS III	G3	31
3	2/18/77 - 3/3/77	OREGON II	G3	31

B. SCIENTIFIC C

Include enough information concerning manner of observation, instrument used, and date of observation to make the data understandable to future users. Furnish the minimum documentation considered a permanent part of the data and will be available to future users. Equivalency of the form (i.e., publications, reports, and manuscripts describing observation of the form) must be indicated. If the scientific content is not available information by attachment, please complete the scientific content example.

EXAMPLE (HYPOTHETICAL)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)
Salinity	‰	Nansen bottles
Water color	Forel scale	STD Bissett-Berman Model 9006
Sediment size	φ units and percent by weight	Visual comparison with Forel bottles
		Ewing corer

(SPACE IS PROVIDED ON TWO PAGES FOR THIS)

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Temperature	°C	Expendable Bathothermograph System, R-603 (XBT)		
Salinity	‰	Nansen Bottle	Goldberg T/C Hand-held Refractometer	
		Hydrolab Model TC-2 Conductivity- Temperature Meter		

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
THE METHOD OF IDENTIFYING EACH RECORD TYPE

There are two record types: 1) Station (Type 1) and 2) Observation (Type 8). There is a station record followed by a variable number of observation records. Each physical record on tape contains 2100 bytes and consists of 25 logical records as described in Section 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file consists of multiple physical records (2100 bytes in length) followed by an end of file. This file is the first file on tape # 00708.

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Hillman Holley 504-255-6306 (FIS 685-6306)
ADDRESS Slidell Computer Center Slidell, La 70458

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>H. Holley TIEDS 1 OUT*EDS ARCHIVAL #2</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>2100</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6</p>

RECORD FORMAT DESCRIPTION

RECORD NAME "Hydrography - Oceanographic Stations - Type 1" **

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Country	1	2	bytes	I2	Nationality of agency or institution sponsoring the expedition IGY code 31 = United States
Blank	3	2	bytes	2X	not used
Latitude	8	2	bytes		
Degrees	5	2	bytes	I2	
Minutes	7	3	bytes	F3.1	Minutes to tenths
Longitude					
Degrees	10	3	bytes	I3	
Minutes	13	3	bytes	F3.1	Minutes to tenths
Marsden Square	16	3	bytes	I3	
Date					
Year	19	2	bytes	I2	last two digits of year
Month	21	2	bytes	I2	
Day	23	2	bytes	I2	
Time					
Time	25	3	bytes	F3.1	Time - G.M.T.
Cruise	28	3	bytes	A3	Ship's Cruise number
Station	31	3	bytes	A3	Ship's station number
Depth	34	4	bytes	A4	Depth to bottom
blank	38	12	bytes	12X	Not used

RECORD FORMAT DESCRIPTION

RECORD NAME Hydrography - Oceanographic Stations - Type 1

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Wind Direction	50	2	bytes	I2	Wind direction code as defined by WMO Code 0877(23)
Wind Speed	52	2	bytes	I2	Wind speed in knots
blank	54	26	bytes	26X	Not used
Card type	80	1	bytes	I1	"1" constant for Station card
blank	81	4	bytes	4X	Not used
* This form is the standard <u>Physical and Chemical Data Form for Oceanographic Stations</u> (NODC 3-64).					

RECORD FORMAT DESCRIPTION

RECORD NAME: *Hydrography - Oceanographic Station - Type 8**

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., blts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Column's 1 thru 24 are the same as the "type 1" card					
Sample Time	25	3	bytes	F3.1	Time of sample (GMT)
Sample Depth	28	5	bytes	F5.1	Sample depth in meters to tenths
Temperature	33	5	bytes	F5.3	Temperature of sample in °C to thousandths
Salinity	38	5	bytes	F5.3	Salinity of sample in ‰ to thousandths
blank	43	37	bytes	37X	Not used
Card type	80	1	bytes	I1	"8" constant for observation card
blank	81	4	bytes	4X	not used

iv

[illegible]