8000461

COPY

CONTENTS OF ~~B19840~~ B20154

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

FISH

FILE #	DATA TYPE	DDF#	FILE TYPE	DATA COPIED FROM NODC TAPE
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 STYDY - STATION	II-11	40	05743
78	OCEAN SERIAL STATIONS	II-12	31	05743
79	CURRENT METER/WIND RECORDS	II-13	005	05743

FILE #	DATA TYPE	DDF#	FILE TYPE	DATA COPIED FROM NODC TAPE
~~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

LAID

++
000501 LEVEL-A DATA INVENTORY AND ABSTRACT 100031 ENTRY DATE: 05/18/93
++

NODC Accession No.: 8000461 NODC Ref. No.: L01569 Ending Ref. No.: L01569

File Alias: L001 - Digital Data Products/Data Analyses

Obs. Start: 12/12/75 Obs. End: 05/20/80 No. Stations: 000052793

No. Records: 000000104060 Avg. Rec Size: Mbytes:

Media-In: Media-In Descr:

Platform: 3153 - GVS III Platform Type: 09 Platform Type Descr: Ship
3/N7

~~Country Inst: (3109~~ Orig. Cruise ID:
~~UNIVERSITY OF WASHINGTON, SEATTLE~~ NMFS

Project Code: 0096 - Buccaneer Oil Field

F4CMDHELP ESCEXIT F2SAVE SH-F1TABLE F3VIEW F7DEL F8MODIFY F9QBE F10MULTI

Converted to F124 (NODC Ref#'s TW 5850-5856)
By Linda S. (NODC) See File L01569.DOC on
The NODC Level-A File Server for a chronology of
Conversion Events.

NOAA FORM 61-29
(12-71)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

REFERENCE NO.

LETTER TRANSMITTING DATA

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY *(Check)*:

☐ ORDINARY MAIL ☐ AIR MAIL

☐ REGISTERED MAIL ☐ EXPRESS

☐ GBL *(Give number)* _____

TO:

FRANCES MITCHELL
NODC
PAGE 1 Room 430

DATE FORWARDED

Feb 10, 1982

NUMBER OF PACKAGES

1

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

TAPE B20154 CONTAINS ALL BUCCANEER GAS AND OIL FIELD DATA FOR YEARS 1-4 (INCLUSIVE). TAPE IS 1600 BPI, 9 track EBCDIC MULTIFILE (93 FILES) tape. LOGICAL RECORD LENGTH AND BLOCKSIZE IS VARIABLE. THIS TAPE IS A COPY OF B19840.

FROM: *(Signature)*

Fred Gwendale

RECEIVED THE ABOVE
(Name, Division, Date)

Return receipted copy to:

NOAA FORM 61-29 SUPERSEDES FORM C&GS 413 WHICH MAY BE USED.

RCVD: 4/22/80

(1)

ACCESSION NUMBER 80-0461

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-77)

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

NON-METAL ANALYSIS
(HYDROCARBONS)

A01449

A01450

(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.

BUCCANEER OIL FIELD FILE 1

275 STATIONS
3449 DATA RECORDS

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. Brian Middleditch
Department of Biophysical Sciences
University of Houston
4800 Calhoun
Houston, Texas 77004
(713) 749-4845

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

— NONE —

4. PLATFORM NAME(S)

Gus III

5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*

Gus III

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR
6/26/77	3/10/78

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

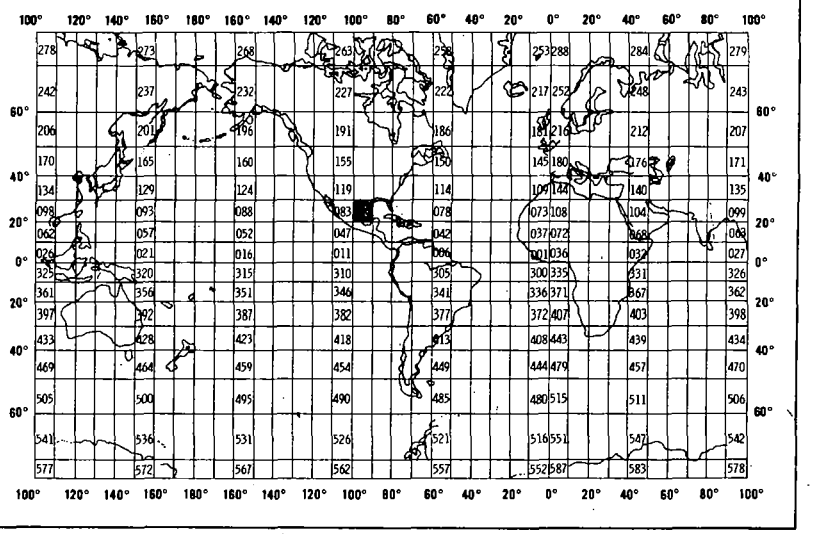
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 three record types: 1) Sample 2) Analysis and Concentration.

For each Sample record, there is an Analysis record followed by a variable number of Concentration 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 1st file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (*INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER*)

ARCHIVAL TAPE 6
NFEL006 - 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME NON-METAL ANALYSIS - SAMPLE

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"62" Constant
Record Type	3	1	bytes	I1	"1" Constant
Data Set	4	5	bytes	A5	Data set code number
Date	9	6	bytes	3I2	Month, day and last two years of sample date
Latitude	15	7	bytes	I2,F5.2	Latitude in degrees and minutes to hundredths
Longitude	22	7	bytes	I2,F5.2	Latitude in degrees and minutes to hundredths
Site	29	10	bytes	A6, A4	Collection site
Source	39	12	bytes	2A6	Name of agency or person from whom sample was obtained.
Description	51	30	bytes	5A6	Sample description

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME NON - METAL ANALYSIS - ANALYSIS

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"62" Constant
Record Type	3	1	bytes	I1	"2" Constant
Data Set	4	5	bytes	A5	Data set code number
Analysis Date	9	6	bytes	3I2	Month, day and last two digits of year of date of analysis
Analyst	15	12	bytes	2A6	Name of analyst
Examination Type	27	2	bytes	A2	Code GC = Sample examined by gas chromatography MS = Sample examined by mass spectrometry
Amount Analyzed	29	8	bytes	F8.4	Amount of sample analyzed in grams.
Comments	37	42	bytes	7A6	Comments on analysis

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME NON-METAL ANALYSIS – CONCENTRATION

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"62" - Constant
Record Type	3	1	bytes	I1	"3" - Constant
Data Set	4	5	bytes	A5	Data set code number
Compound	90	40	bytes	6A6, A4	Compound name or abbreviation (i.e, NC20 = N-eicosane, the n-alkane with 20 carbon atoms per molecule
Concentration	49	6	bytes	F6.0	Compound Concentration
Unit	55	1	bytes	A1	Code C = percent M = parts per million B = parts per billion T = parts per Trillion
Comment	56	24	bytes	4A6	Comments on individual compound or concentration.

NOAA FORM 24-13

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		

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCVD: 4/22/80

(2)

ACCESSION NUMBER 80-0461

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-77)

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

BACTERIA - BEHAVIOR

(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.)

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BUCCANEER OIL FIELD

FILE 2

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. Ronald Sizemore
University of Houston
SEFC Galveston Laboratory
4700 Avenue U
Galveston, Texas 77550
(713) 762-0135

44 STATIONS
98 da 1a

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

1 thru 6

RECORDS

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
GUS III	SHIP	US	US	8/30/77	9/19/77
		US	US	11/1/77	12/20/77
		US	US	2/2/78	2/2/78
		US	US	4/9/78	5/13/78

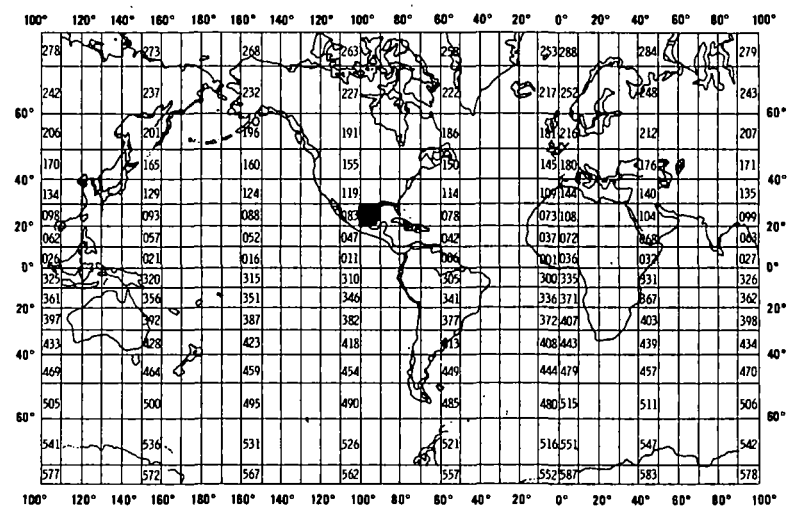
8. ARE DATA PROPRIETARY?

[X] NO [ ] 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?)

[ ] NO [X] YES [ ] 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

NOAA FORM 24-13

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 two record types 1) Position and 2) Analysis

All position records are at the begining of the file followed by the analysis 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 second file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*
Archival Tape 6
NFEL006 - 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria Behavior – Position

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"65" Constant
Cruise	3	1	bytes	I1	Cruise number
Station	4	2	bytes	I2	Station number
Latitude	6	7	bytes	1XI2, F4.1	Latitude in degrees and minutes to tenths
Longitude	13	7	bytes	I3, F4.1	Longitude in degrees and minutes to tenths

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria Behavior – Analysis

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1.	2	bytes	I2	"63" Constant
— TOXICITY —					
Date	3	6	bytes	3I2	Month, day and last two digits of year
Inoculum	9	1	bytes	A1	Culture-Code P = Pure Culture M = Mixed Culture
Cruise	10	1	bytes	I1	Cruise number
Station	11	1	bytes	I1	Station number
Source	12	1	bytes	A1	Source-Code T = Top M = Middle B = Bottom S = Sediment
Strain	13	3	bytes	I3	Strain number
Brine Discharge	16	2	bytes	I2	Percent Brine discharge added. (99 = 100%).
Buccaneer Condensate	18	2	bytes	I2	Percent Buccaneer Condensate added (99 = 100%)
Bactron	20	1	bytes	I1	Bactron added – Code 0 = No 1 = Yes
Time	21	4	bytes	I4	24 hour clock
TVC Count	25	6	bytes	A1, F3.2, I2	
- Sign	25	1	bytes	A1	TVC sign (code) – = less than original TVC + = more than original TVC
- Count	26	3	bytes	F3.2	Count value - (decimal implied)
- Exponent	29	2	bytes	I2	Exponent

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria Behavior - Analysis

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
— CHEMOTAXIC —					
Date	31	6	bytes	3I2	Month, day and last two digits of year
Cruise	37	1	bytes	I1	Cruise number
Station	38	1	bytes	I1	Station number
Source	39	1	bytes	A1	Source Code T = Top M = Middle B = Bottom S = Sediment
Strain	40	3	bytes	I3	Strain number
Arginine	43	2	bytes	I2	Percent Arginine added (99 = 100%)
DH_2O	45	2	bytes	I2	Percent DH_2O added (99 = 100%)
Glucose	47	2	bytes	I2	Percent Glucose added (99 = 100%)
Buccaneer Code	49	2	bytes	I2	Percent Buccaneer added (99 = 100%)
Buccaneer Discharge	51	2	bytes	I2	Percent Buccaneer Discharge added (99 = 100%)
Time	53	4	bytes	I4	24 Hour Clock
TVC Count	57	6	bytes	A1, F3.2, I2	TVC Count. Same as Col 25-30
— ATTACHMENT STUDIES —					
Date	63	6	bytes	3I2	month, day and last two digits of year
Inoculum	69	1	bytes	A1	Culture Code P = Pure Culture M = Mixed Culture

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Cruise	70	1	bytes	I1	Cruise Number
Station	71	1	bytes	I1	Station Number
Source	72	1	bytes	A1	Source - Code T = Top M = Middle B = Bottom S = Sediment
Buccaneer Discharge	73	2	bytes	I2	Percent Buccaneer discharge added. (99 = 100%)
Bactrom	75	1	bytes	I1	Bacton added - code 1 = NO 2 = YES
TVC Count	76	~~2~~ 5	bytes	I1	Counts ± original TVC Same as Col 25-30

NOAA FORM 24-13

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 CALIBRATED (√)
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	

NOAA FORM 24-13

RCVD: 4/22/80

(3)

ACCESSION NUMBER 80-8461

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-77)

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

BACTERIA - DEGRADATION RATES

(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.

BUCCANEER OIL FIELD FILE 3

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. Ronald Sizemore
University of Houston
SEFC Galveston Laboratory
4700 Avenue U
Galveston, Texas 77550
(713) 762-0135

44 STATION
97 data records

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

1 thru 4

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
GUS III	SHIP	US	US	10/17/77	10/31/77
		US	US	11/14/77	12/28/77
		US	US	4/1/78	5/13/78

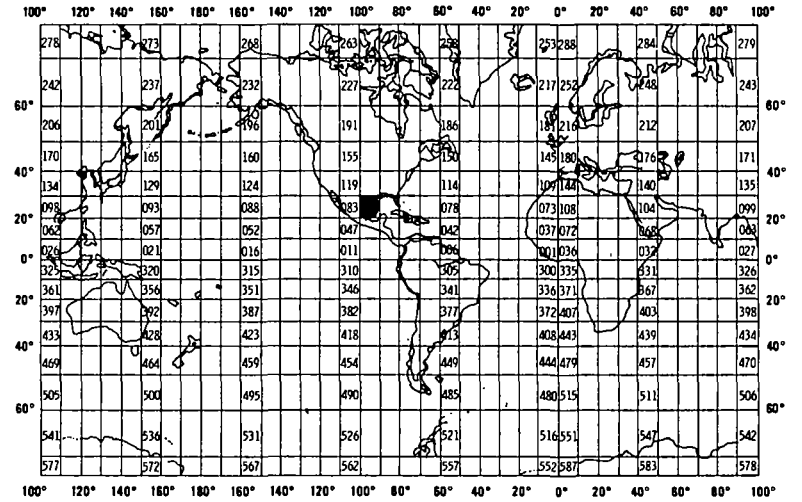
8. ARE DATA PROPRIETARY?

[X] NO [ ] 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?)

[ ] NO [X] YES [ ] 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

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 two record types: 1) Position and 2) Analysis.

All position records are at the begining of the file followed by the analysis 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 third file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS-494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☐ BCD ☐ BINARY
☒ ASCII ☐ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
☒ NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK
☒ OCTAL 17
☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (*INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER*)

Archival Tape 6
NFEL006-03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria - Degradation Rates - Position

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"65" constant
Cruise	3	1	bytes	I1	Cruise number
Station	4	2	bytes	I2	Station number
Latitude	6	7	bytes	1XI2, F4.1	Latitude in degrees and minutes to tenths
Longitude	13	7	bytes	I3, F4.1	Longitude in degrees and minutes to tenths.

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria - Degradation Rates - Analysis

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	File type - "61" Constant
Date	3	6	bytes	3I2	Month, day and last two digits of year.
Inoculum	9	1	bytes	A1	Culture - code P = Pure Culture M = Mixed culture
Cruise	10	1	bytes	I1	Cruise number
Station	11	1	bytes	I1	Station number
Source	12	1	bytes	A1	Source Code T = Top M = Middle B = Bottom S = Sediment
Strain	13	3	bytes	I3	Strain code
	— REACTION MIXTURE				—
Buccaneer Gude	16	2	bytes	I2	Percent crude. (99 = 100%)
Brine Discharge	18	2	bytes	I2	Percent discharge (99 = 100%)
Time	20	4	bytes	I4	Time - 24 - hour clock

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria - Degradation Rates - Analysis

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
— REMAINING HYDROCARBONS —					
C-12	24	2	bytes	I2	Amount of C-12 remaining (%; 99=100%)
C-13	26	2	bytes	I2	Amount of C-13 remaining (%; 99=100%)
C-14	28	2	bytes	I2	Amount of C-14 remaining (%; 99=100%)
C-15	30	2	bytes	I2	Amount of C-15 remaining (%; 99=100%)
C-16	32	2	bytes	I2	Amount of C-16 remaining (%; 99=100%)
C-17	34	2	bytes	I2	Amount of C-17 remaining (%; 99=100%)
C-18	36	2	bytes	I2	Amount of C-18 remaining (%; 99=100%)
C-19	38	2	bytes	I2	Amount of C-19 remaining (%; 99=100%)
C-20	40	2	bytes	I2	Amount of C-20 remaining (%; 99=100%)
C-21	42	2	bytes	I2	Amount of C-21 remaining (%; 99=100%)
C-22	44	2	bytes	I2	Amount of C-22 remaining (%; 99=100%)
C-23	46	2	bytes	I2	Amount of C-23 remaining (%; 99=100%)
C-24	48	2	bytes	I2	Amount of C-24 remaining (%; 99=100%)
C-25	50	2	bytes	I2	Amount of C-25 remaining (%; 99=100%)
C-26	52	2	bytes	I2	Amount of C-26 remaining (%; 99=100%)

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
C-27	54	2	bytes	I2	Amount of C-27 remaining (%; 99 = 100%)
C-28	56	2	bytes	I2	Amount of C-28 remaining (%; 99 = 100%)
C-29	58	2	bytes	I2	Amount of C-29 remaining (%; 99 = 100%)
C-30	60	2	bytes	I2	Amount of C-30 remaining (%; 99 = 100%)
C-31	62	2	bytes	I2	Amount of C-31 remaining (%; 99 = 100%)
C-32	64	2	bytes	I2	Amount of C-32 remaining (%; 99 = 100%)
C-33	66	2	bytes	I2	Amount of C-33 remaining (%; 99 = 100%)
C-34	68	2	bytes	I2	Amount of C-34 remaining (%; 99 = 100%)
C-35	70	2	bytes	I2	Amount of C-35 remaining (%; 99 = 100%)
C-36	72	2	bytes	I2	Amount of C-36 remaining (%; 99 = 100%)
Pristane	74	2	bytes	I2	Amount of Pristane remaining. (%; 99 = 100%)
Phytane	76	2	bytes	I2	Amount of Phytane remaining (%; 99 = 100%)

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCND: 4/22/80

(4)

ACCESSION NUMBER 80-0461

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-77)

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

BACTERIA - ENUMERATION

(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.

BUCCANEER OILFIELD FILE 4 | 44 stations | 126 data records

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. Ronald Sizemore
University of Houston
SEFC Galveston Laboratory
4700 Avenue U
Galveston, Texas 77550
(713) 762-0135

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico. 1977-1978
EPA-IAG-DS-E693-E6

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

1 thru 6

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
GUS III	SHIP	US	US	7/19/77	
		US	US	8/26/77	
		US	US	10/12/77	10/13/77
		US	US	11/11/77	
		US	US	2/24/78	

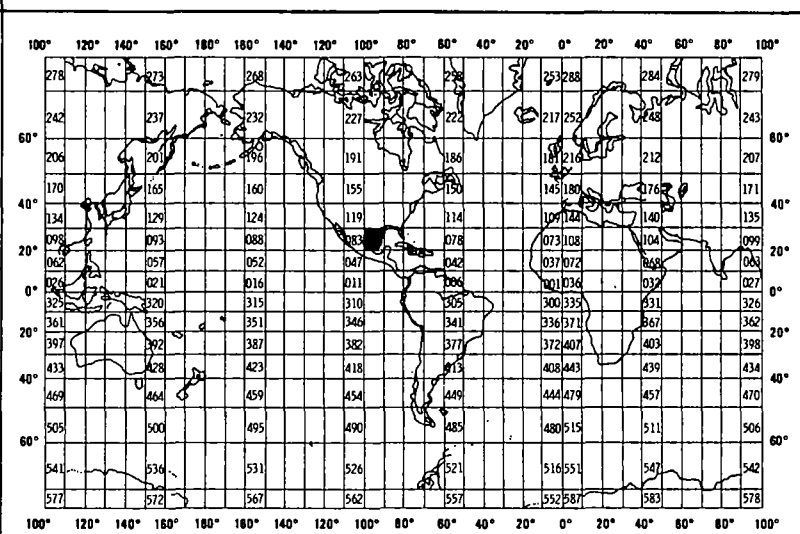
8. ARE DATA PROPRIETARY?

☒ NO ☐ 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?)

☐ NO ☒ YES ☐ 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

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 two record types: 1) Position and 2) Analysis

All position records are at the begining of the file followed by all the analysis records

Each physical record on tape contains 2000 bytes and consists of 25 logical records as describe 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 fourth file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☐ BCD ☐ BINARY
☒ ASCII ☐ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☒ SEVEN
☒ NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH
☐ _____

10. END OF FILE MARK
☒ OCTAL 17
☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

Archival Tape 6
NFEL006 - 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria - Enumeration – Position

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	2	bytes	I2	"65" constant
Cruise	3	1	bytes	I1	Cruise number
Station	4	2	bytes	I2	Station number
Latitude	6	7	bytes	1XI2, F4.1	Latitude in degrees and minutes to tenths
Longitude	13	7	bytes	I3, F4.1	Longitude in degrees and minutes to tenths

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria - Enumeration - Analysis

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"60" - Constant
Date	3	6	bytes	3I2	month, day and last two digits of year
Cruise	9	1	bytes	I1	Cruise Number
Station	10	1	bytes	I1	Station Number
Source	11	1	bytes	A1	Source - Code T = Top M = Middle B = Bottom S = Sediment
Temperature	12	3	bytes	F3.1	Temperature in °C to tenths
Salinity	15	3	bytes	F3.1	Salinity in ppt to tenths
Dissolved Oxygen	18	3	bytes	F3.1	Dissolved oxygen in ppm to tenths
PH	21	3	bytes	F3.2	PH to hundreths
TVC	24	5	bytes	F3.1, I2	Total viable count (water = #/ml) (Sediment = #/g)
Count	24	3	bytes	F3.1	Count
Exponent	27	2	bytes	I2	Exponent
Oil Degraders	29	3	bytes	F3.1	Percent oil degraders
Sulphur Oxidizers	32	3	bytes	F3.1	Percent Sulphur Oxidizers

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Zinc	35	3	bytes	F3.1	Percent zinc
Chrominum	38	4	bytes	F4.1	Percent chrominum
Biomass	42	5	bytes	F3.1, I2	Biolmass gc/ml
Count	42	3	bytes	F3.1	Count
Exponent	45	2	bytes	I2	Exponent (negative)
		KIA			
Hydrogen Sulfide +	47	3	bytes	I3	Percent Hydrogen Sulfide +
Hydrogen Sulfide -	50	3	bytes	I3	Percent Hydrogen sulfide -
Slant Acid	53	2	bytes	I2	Percent Slant Acid
Slant Alkaline	55	3	bytes	I3	Percent slant Alkaline
But Acid	58	3	bytes	I3	Percent But Acid
But Alkaline	61	2	bytes	I2	Percent But Alkaline
Gas +	63	3	bytes	I3	Percent gas +
Gas -	66	3	bytes	I3	Percent gas -
TVC Suspended Material	69	5	bytes	F3.1, I2	Total Viable count of Suspended material (Same as Col 24-28)
TVC Filtered Material	74	5	bytes	F3.1, I2	Total viable count of filtered material (Same as Col 24-28)

NOAA FORM 24-13

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		

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCVD: 4/22/80

(5)

ACCESSION NUMBER 80-0461

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-77)

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

BACTERIA — TAXONOMY / PHYSIOLOGICAL DIVERSITY

(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.

BUCCANEER OIL FIELD

FILE 5

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. Ronald Sizemore
University of Houston
SEFC Galveston Laboratory
4700 Avenue U
Galveston, Texas 77550
(713) 762-0135

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

1 thru 4

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
Gus III	SHIP	US	US	7/19/77	7/19/77
		US	US	8/27/77	8/27/77
		US	US	11/10/77	11/10/77
		US	US	2/22/78	2/22/78

8. ARE DATA PROPRIETARY?

[X] NO [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

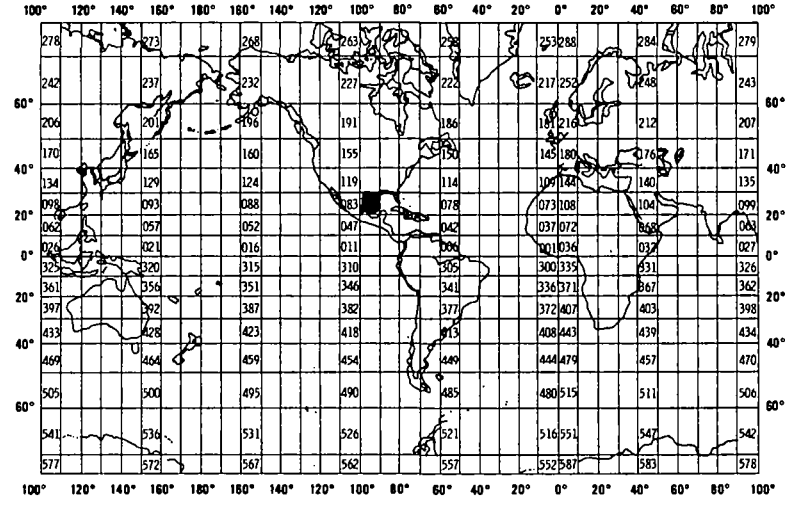
[ ] NO [X] YES [ ] PART (SPECIFY BELOW)

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 two record types: 1) Position and 2) Analysis

All position records are at the begining of the file followed by the analysis 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 fifth file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS-494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

Archival Tape 6
NFEL006 - 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria - Taxonomy / Physiological Diversity — Position

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"65" constant
Cruise	3	1	bytes	I1	Cruise number
Station	4	2	bytes	I2	Station number
Latitude	6	7	bytes	1XI2, F4.1	Latitude in degrees and minutes to tenths
Longitude	13	7	bytes	I3, F4.1	Longitude in degrees and minutes to tenths

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Bacteria - Taxonomy/Physiological Diversity - Analysis

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"62" - Constant
	TAXONOMY				
Date	3	6	bytes	3I2	Month, day and last two digits of year
Cruise	9	1	bytes	I1	Cruise number
Station	10	1	bytes	I1	Station number
Source	11	1	bytes	A1	Source Code T = Top M = Middle B = Bottom S = Sediment
Strain	12	3	bytes	I3	Strain code
Gram Stain	15	1	bytes	I1	Code 0 = No reaction 1 = reaction
MOF	16	1	bytes	I1	MOF code 1 = Fermentative 2 = Oxidative 3 = Alkaline 4 = No reaction
MOF + Gas	17	1	bytes	I1	code 0 = No reaction 1 = reaction
Motility	18	1	bytes	I1	Code 0 = No reaction 1 = reaction
Flagella Stain	19	1	bytes	I1	Code 1 = Polar 2 = Peritrichous

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Oxidase	20	1	bytes	I1	Code 0 = No reaction 1 = reaction
Catalase	21	1	bytes	I1	Code 0 = No reaction 1 = reaction
Cell Shape	22	1	bytes	I1	Code 1 = Rods 2 = Spheres 3 = Straight 4 = Curve 5 = Other
Spore	23	1	bytes	I1	Code 0 = No 1 = Yes
O/129 Sensitivity	24	1	bytes	I1	Code 0 = No 1 = Yes
Arginine Decarboxylase	25	1	bytes	I1	Code 0 = No 1 = Yes
Fluorescent Pigment Formed	26	1	bytes	I1	Code 0 = No 1 = Yes
Genera	27	42	bytes	7A6	Genera designation
— PHYSIOLOGICAL DIVERSITY —					
Proteolytic	69	1	bytes	I1	Code 0 = No 1 = Yes
Chitinoclastic	70	1	bytes	I1	Code 0 = No 1 = Yes

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Lipolytic	71	1	bytes	I1	Code 0 = No 1 = Yes
Salt Reg.	72	1	bytes	I1	Code 0 = No 1 = Yes
Amylase	73	1	bytes	I1	Code 0 = No 1 = Yes
Cellulolytic	74	1	bytes	I1	Code 0 = No 1 = Yes

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCVD: 4/22/80 | (6) | ACCESSION NUMBER | 800461

DATA DOCUMENTATION FORM

RESPIROMETRY EXPERIMENT

NOAA FORM 24-13 (4-77)

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

Biochemistry

(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.

BUCCANEER OIL FIELD

FILE 6

5 STATIONS
20 data records

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. Joe Margraf
LGL Limited - U.S., Inc.
103-A Pleasant Street
Bryan, Texas 77801
(713) 846-1776

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

-NONE-

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
GUS III	SHIP	US	US	10/22/77	10/22/77
		US	US	5/24/78	5/25/78

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

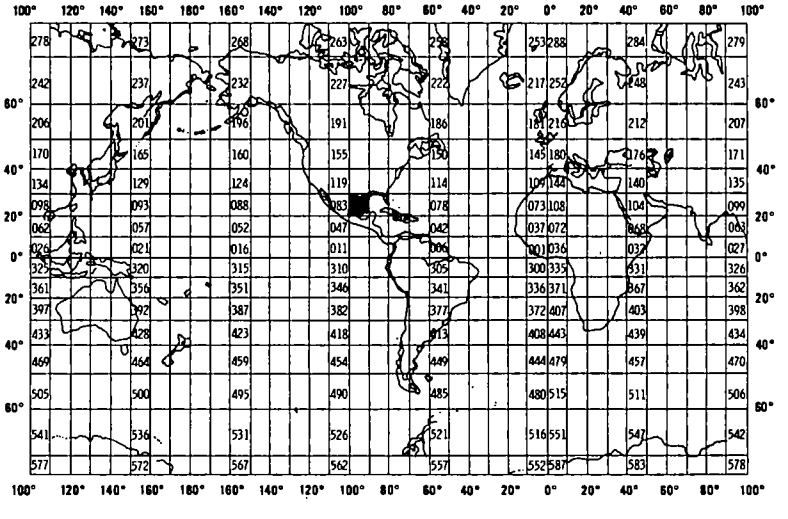
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model 5510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

288-A	288P	285327	944142	PLATFORM A - PRODUCTION
288-A	2880	285327	944142	PLATFORM A - QUARTERS
288-2		285255	944133	SATELLITE
288 SE 4-3		285326	944109	SATELLITE
288 SE 4-4		285329	944155	SATELLITE
288 SE 4-5	2885	285400	944118	SATELLITE
288-8		285357	944154	SATELLITE
288-10		285329	944129	SATELLITE
288-16		285241	944149	SATELLITE
295 NW 4-1		285219	944058	SATELLITE
296-B	296P	285202	944152	PLATFORM B - PRODUCTION
296-B	2960	285202	944152	PLATFORM B - QUARTERS
296 NE 4-1		285216	944149	SATELLITE
296 NE 4-2		285156	944228	SATELLITE
296 NE 4-3		285106	944230	SATELLITE
296 NE 4-6		285128	944139	SATELLITE
296-12	2966	285051	944137	SATELLITE

POSITIONS

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 two record types: 1) Station and 2) Analysis.

~~For~~ Each station record ~~there~~ is followed by a variable number of analysis records.

Each physical record on tape contains 2000 bytes and consists of 25 logical records.

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.

The file is the sixth file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*
Archival Tape 6
NFEL006 - 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Respirometry Experiment - Station

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	File type - "73" constant
Record Type	3	1	bytes	I1	"1" constant
Date	4	6	bytes	3I2	Month, day and last two digits of year
Location	10	5	bytes	A5	Location of sample (Code - left justified) PLTF = Platform JCKT = Well Jacket CONT = Control Satellite FIELD = Field Station
Structure	15	1	bytes	A1	Structure name (not used with Field Stations)
Element	16	1	bytes	A1	Part of structure Q = Quarters P = Production F = Flare stack (not used with Field Stations)
Station	17	3	bytes	A3	Field station number (used only with Field Stations)
Experiment	20	6	bytes	A6	Experiment number
Depth	26	2	bytes	I2	Depth in feet
Water	28	4	bytes	I4	Number of gallons of water flushed through done
Cloud Cover	32	1	bytes	I1	Cloud Cover - code 1 = clear 2 = partly cloudy 3 = cloudy 4 = fog 5 = overcast

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Precipitation	33	1	bytes	I1	Precipitation – code 0 = no rain 1 = rain
Wind Direction	34	3	bytes	A3	Wind direction – compass point (left justified) e.g. W = West SE = Southeast NNE = North, Northeast
Wind Speed	37	4	bytes	2I2	Estimated wind speed in mph Col. 37-38 = lower limit Col 39-40 = upper limit
Wave Height	41	4	bytes	2I2	Estimated wave height in mph. col. 41-42 = lower limit col 43-44 = upper limit
Turbidity	45	1	bytes	I1	Water turbidity – code 1 = Clear 2 = Turbid, good visibility 3 = Turbid, normal visibility 4 = Turbid, poor visibility
Comments	46	35	bytes	5A6, A5	Comments

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Respirometry Experiment- Analysis

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"73" - Constant
Record Type	3	1	bytes	I1	"2" - constant
Date	4	6	bytes	3I2	Month, day and last two digits of year
Experiment	10	6	bytes	A6	Experiment number
Time	16	4	bytes	I4	Time - 24 hour clock
Dissolved Oxygen	20	5	bytes	F5.1	Dissolved oxygen in ppm to tenths
Photometer	25	5	bytes	F5.2	Radiance value - to hundreths.
Salinity	30	4	bytes	F4.1	Salinity in ppt to tenths.
Temperature	34	4	bytes	F4.1	Temperature in °C to tenths
Time	38	4	bytes	I4	Repeat columns 16 to 37 for next observation/analysis
Dissolved Oxygen	42	5	bytes	F5.1	
Photometer	47	5	bytes	F5.2	
Salinity	52	4	bytes	F4.1	
Temperature	56	4	bytes	F4.1	

NOAA FORM 24-13

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		

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCVD: 4/22/80

ACCESSION NUMBER

DATA DOCUMENTATION FORM

TRACE METALS - SEDIMENT

original documentation

NOAA FORM 24-13
(4-77)

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

BUCCANEER OIL FIELD

(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.

FILE 7

49 STATIONS
49 data records

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. John B. Anderson
Rice University
Department of Geology
Houston, Texas 77001
(713) - 527-8101 ext 4880

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico. 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

- NONE -

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

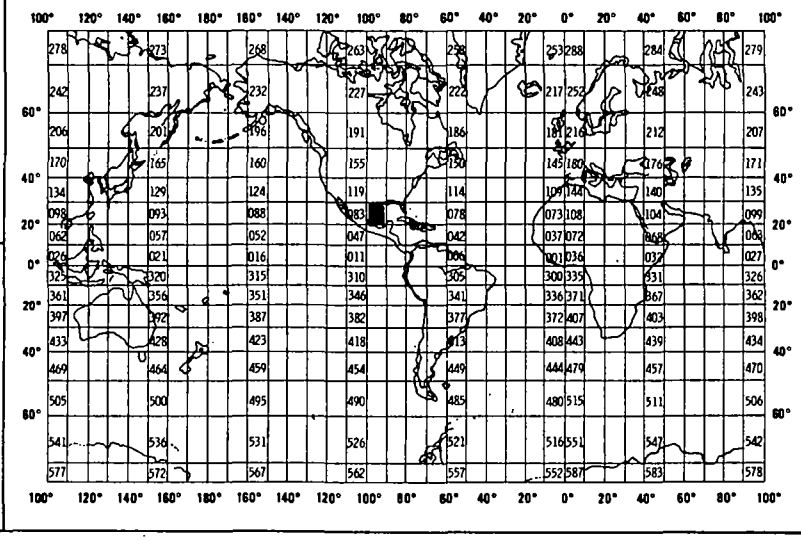
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model 5510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field; enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 two record types: 1) Station and 2) Analysis

For each sample there is a Station record followed by an Analysis record.

Each physical record 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 seventh file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☐ BCD ☐ BINARY
☒ ASCII ☐ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
☒ NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH
☐ _____

10. END OF FILE MARK
☒ OCTAL 17
☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

ARCHIVAL TAPE 6
NFEL006 - 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME TRACE METALS - STATION - SEDIMENT (Diver Core)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"20" constant
Record Type	3	1	bytes	I1	"1" constant
Project Year	4	8	bytes	2I4	19771978 constant
Station	12	6	bytes	A6	Station number
Latitude	18	6	bytes	3I2	Latitude in degrees, minutes and seconds
Longitude	24	6	bytes	3I2	Longitude in degrees, minutes and seconds
Description	30	30	bytes	5A6	Station description

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME TRACE METALS - ANALYSIS - SEDIMENT (DIVER CORE)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"20" constant
Record Type	3	1	bytes	I1	"2" constant
Station	4	6	bytes	A6	Station Number
Trace Metals Concentration					
Ba	10	7	bytes	F7.1	Barium in ppm
Cd	17	5	bytes	F5.1	Cadmium in ppm
Co	22	5	bytes	F5.1	Cobalt in ppm
Cr	27	5	bytes	F5.1	Chromium in ppm
Cu	32	5	bytes	F5.1	Copper in ppm
Fe	37	7	bytes	F7.1	Iron in ppm
Hg	44	4	bytes	F4.1	Mercury in ppm
Mn	48	5	bytes	F5.1	Manganese in ppm
Ni	53	5	bytes	F5.1	Nickel in ppm
Pb	58	5	bytes	F5.1	Lead in ppm

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN ~~bytes~~ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Sr	63	6	bytes	F6.1	Strontium in ppm
Zn	69	6	bytes	F6.1	Zinc in ppm

NOAA FORM 24-13

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		

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCVD: 4/22/80

ACCESSION NUMBER

DATA DOCUMENTATION FORM

SEDIMENT-SIZE ANALYSIS

NOAA FORM 24-13
(4-77)

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

(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.

BUCCANEER OIL FIELD

FILE 8

25 STATIONS
25 data records

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. John B. Anderson
Rice University
Department of Geology
Houston, Texas 77001
(713) - 527-8101 ext 4880

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico. 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

— NONE —

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

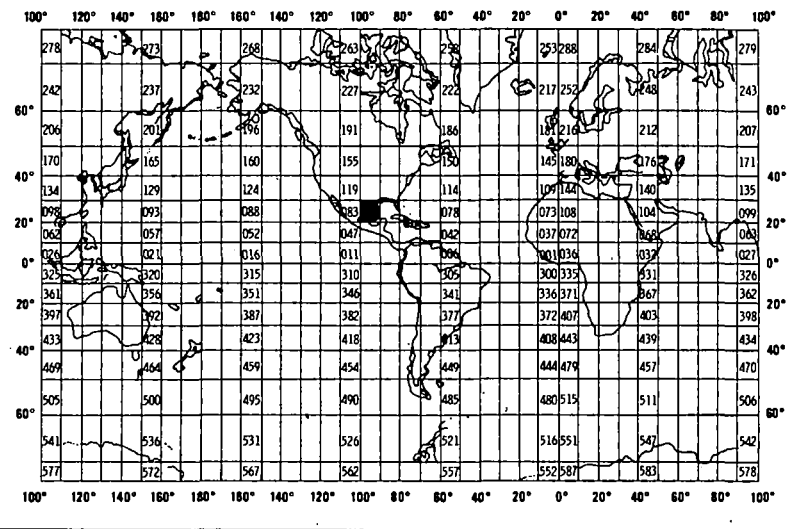
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S 510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 two record types: 1) Station and 2) Analysis

For each sample there is a station record followed by an Analysis record.

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 eighth file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

ARCHIVAL TAPE 6
NFEL006 - 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME SEDIMENT – STATION (SIZE ANALYSIS)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"20" constant
Record Type	3	1	bytes	I1	"1" constant
Project Year	4	8	bytes	2I4	Project Year 19771978 Constant
Station	12	6	bytes	A6	Station Number
Latitude	18	6	bytes	3I2	Latitude in degrees, minutes and seconds
Longitude	24	6	bytes	3I2	Longitude in degrees, minutes and seconds
Description	30	30	bytes	5A6	Station description

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME SEDIMENT - ANALYSIS (SIZE ANALYSIS)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"21" Constant
Record Type	3	1	bytes	I1	"2" Constant
Station	3	6	bytes	A6	Station number
Depth					Depth of sediment core
upper limit	10	4	bytes	F4.1	
Lower limit	14	4	bytes	F4.1	
Gravel	18	6	bytes	F6.2	Percent gravel
Sand	24	6	bytes	F6.2	Percent Sand
Mud	30	6	bytes	F6.2	Percent Mud
Mean Grain Size	36	6	bytes	F6.3	Mean grain size
Standard Deviation	42	6	bytes	F6.3	Standard deviation
Skewness	48	6	bytes	F6.3	Skewness
Kurtosis	54	6	bytes	F6.3	Kurtosis

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		

NOAA FORM 24-13

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		

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCVD: 4/22/80 | 4 | ACCESSION NUMBER | 80 046/

DATA DOCUMENTATION FORM

STOMACH CONTENTS - BIONUMERIC CODE

NOAA FORM 24-13 (4-72)

DDF A:2;14

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

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.

BUCCANEER OIL FIELD FILE 9

87 STATIONS
1321 data records
158 records - TAXON. CODE dictionary

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. JOE MARGRAF
LGL LIMITED - U.S., INC.
103A PLEASANT STREET
BRYAN, TEXAS 77801

TELEPHONE: 713-846-1776

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

ENVIRONMENTAL ASSESSMENT OF AN ACTIVE OIL FIELD IN THE NORTHWESTERN GULF OF MEXICO 1977-1978
EPA-IAG-DS-E693-E0

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

— NONE —

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
GUS III	SHIP	US	US	8/16/77	8/24/77
		US	US	10/18/77	10/27/77
		US	US	2/23/78	2/23/78
		US	US	3/10/78	3/10/78

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

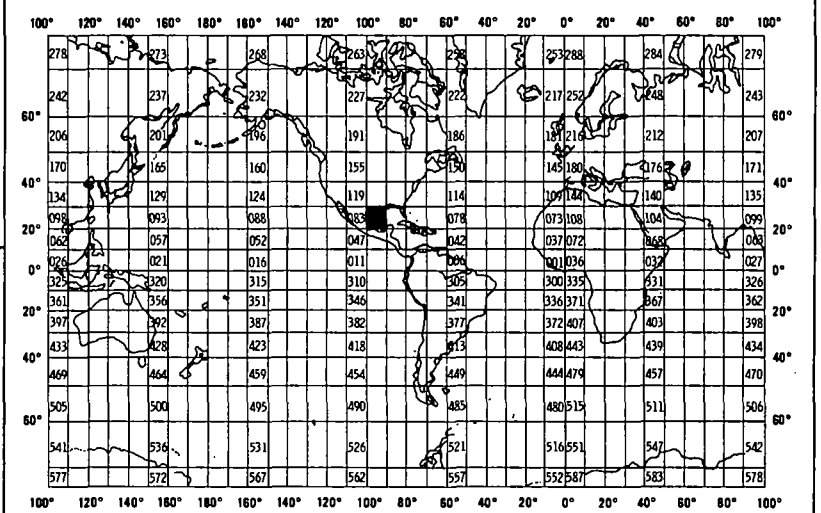
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44289-P72

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S 510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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
BIONUMERIC CODE	NOAA TECHNICAL REPORT: NMFS SSR-FISH No. 69			

USCOMM-DC 44289-P72

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 FIVE RECORD TYPES: 1) BIONUMERIC CODE 2) CONTENTS CODE 3) STATION 4) SPECIES AND 5) OCCURRENCE.
ALL BIONUMERIC CODE RECORDS ARE AT BEGINNING OF FILE, FOLLOWED BY ALL CONTENTS CODE RECORDS. AFTER THESE RECORDS THERE ARE STATION RECORDS FOLLOWED BY A VARIABLE NUMBER OF SPECIES RECORDS, WITH EACH SPECIES RECORD FOLLOWED BY A VARIABLE NUMBER OF OCCURRENCE RECORDS.
EACH PHYSICAL RECORD ON TAPE CONTAINS 2000 BYTES AND CONSISTS OF 25 LOGICAL RECORDS AS DESCRIBED IN SECTION A

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 ninth FILE ON TAPE # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER HILLMAN HOLLEY 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL STATION, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

ARCHIVAL TAPE 6
NFEL005 - 03073
H. HOLLEY

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

RECORD FORMAT DESCRIPTION

RECORD NAME STOMACH CONTENTS - BIONUMERIC CODE

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	BYTES	I2	"59" Constant
Record Type	3	1	BYTES	I1	"5" Constant
Bionumeric Code	4	9	BYTES	I9	Bionumeric Code of animal
Name	13	48	BYTES	8A6	Scientific name. Genus, species

RECORD FORMAT DESCRIPTION

RECORD NAME STOMACH CONTENTS - CONTENTS CODE

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	BYTES	I2	"59" Constant
Record Type	3	1	BYTES	I1	"6" Constant
Code	4	5	BYTES	I5	CODE OF contents of stomach
Name	9	48	BYTES	8A6	Name of contents of stomach

RECORD FORMAT DESCRIPTION

RECORD NAME STOMACH CONTENTS - STATION

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	Bytes	I 2	"59" Constant
Record Type	3	1	Bytes	I1	"1" Constant
Date	4	6	Bytes	3I2	Month, day and last two digits of year
Station	10	3	Bytes	A 3	Station number
Latitude	13	6	Bytes	3I2	Degrees, minutes and seconds
Longitude	19	6	Bytes	3I2	Degrees, minutes and seconds
Time	25	4	Bytes	I4	Time - 24 hour clock
Sample Depth	29	5	Bytes	F5.1	Sample depth in meters to tenths
Gear Type	34	2	Bytes	I2	Code 1 = Trawling 2 = Trapping 3 = Longlining 4 = Trolling 5 = Gillnetting 7 = Air-lift
Trap Code	36	2	Bytes	I2	Code 1 = Bottom Trap 2 = Floating Trap
Bionumeric Code	38	9	Bytes	I2	Bionumeric Code of Species individual
Number Examined	47	3	Bytes	I3	Total number of individuals examined
Comments	50	30	Bytes	5A6	

RECORD FORMAT DESCRIPTION

RECORD NAME STOMACH CONTENTS - SPECIES

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	BYTES	I2	"59" CONSTANT
Record Type	3	1	BYTES	I1	"2" Constant
Date	4	6	BYTES	3I2	Month, day and last two digits of year
Station	10	3	BYTES	A3	Station number
Gear Type	13	2	BYTES	I2	Code 1 = Trawling 2 = Trapping 3 = Longlining 4 = Trolling 5 = Gillnetting 7 = Air-lift
Trap Type	15	2	BYTES	I2	Code 1 = Bottom Trap 2 = Floating Trap
Species	17	9	BYTES	I9	Bionumeric Code
Sample	26	3	BYTES	I3	Sample number
Length	29	4	BYTES	I4	Length of individual in mm.
Weight	33	7	BYTES	F7.2	Weight of individual in grams to hundreths.
SEX	40	1	BYTES	A1	Sex of individual - Code M = Male F = Female U = Unknown or undetermined
Contents	41	5	BYTES	I5	Stomach contents code

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Abundance	46	4	Bytes	I4	Number present (-1 = number not available)
Weight	50	6	Bytes	F6.2	Weight of contents in grams to hundreths
Contents	56	5	Bytes	I5	Same as Positions 41 to 55
Abundance	61	4	Bytes	I4	
Weight	65	6	Bytes	F6.2	

RECORD FORMAT DESCRIPTION

RECORD NAME STOMACH CONTENTS- OCCURRENCE

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	Bytes	I2	"59" Constant
Record Type	3	1	Bytes	I1	"3" Constant
Date	4	6	Bytes	3I2	Month, day and last two digits of year
Station	10	3	Bytes	A3	Station number
Gear Type	13	2	Bytes	I2	Code 1 = Trawling 2 = Trapping 3 = Longlining 4 = Trolling 5 = Gillnetting 7 = Air-lift
Trap Type	15	2	Bytes	I2	Code 1 = Bottom Trap 2 = Floating Trap
Species	17	9	Bytes	I9	Bionumeric Code
Sample	26	3	Bytes	I3	Sample number
Contents	29	5	Bytes	I5	Stomach contents Code
Abundance	34	4	Bytes	I4	Number present (-1 = number not available)
Weight	38	6	Bytes	F6.2	Weight of contents in grams to hundredths.

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Contents	44	5	BYTES	I5	Same as Positions 29 to 43
Abundance	49	4	BYTES	I4	
Weight	53	6	BYTES	F6.2	
Contents	59	5	BYTES	I5	Same as Positions 29 to 43
Abundance	64	4	BYTES	I4	
Weight	68	6	BYTES	F6.2	

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

USCOMM-DC 44289-P72

RCVD: 4/22/80 | (10) | ACCESSION NUMBER | 80 0461

DEMERSAL FISH

DATA DOCUMENTATION FORM

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

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.

BUCCANEER OIL FIELD FILE 10

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. Joe Margraf
LGL Limited-U.S., INC
103A Pleasant Street
Bryan, Texas 77801
Telephone: 713-846-1776

38 stations
430 DATA RECORDS
85 records — TAXON. CODE DICTIONARY

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico. 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

— NONE —

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
GUS III	Ship	US	US	8/16/77	8/16/77
		US	US	10/18/77	10/26/77
		US	US	2/23/78	2/23/78
		US	US	3/10/78	3/10/78

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

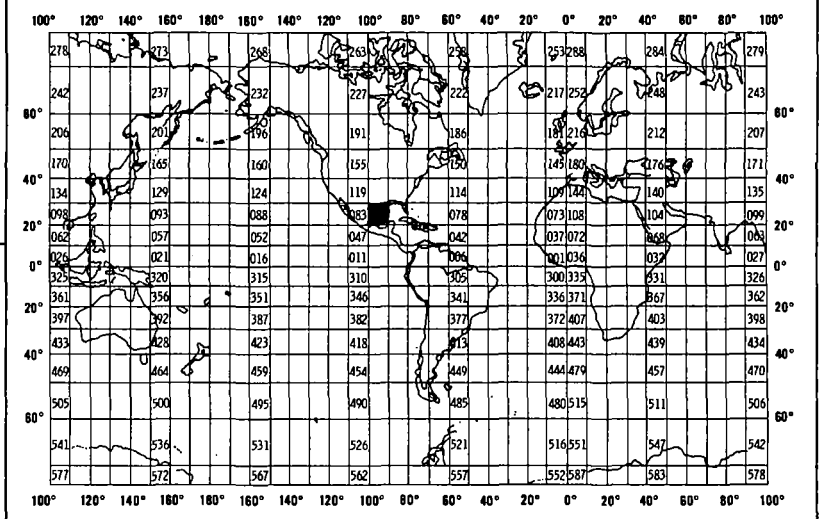
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44289-P72

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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
Bionumeric Code	NOAA Technical Report: NMFS SSR-Fish No. 659			

USCOMM-DC 44289-P72

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 four record types: 1) Bionumeric Code 2) Station 3) Species and 4) Measurement.
All Bionumeric Code records are at beginning of file, followed by the remaining records. For each station, there is a Station record followed by a variable number of Species record. Each species record is followed by a variable number of Measurement records.
Each physcial 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 10th file on Tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE: ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS): ☐ SEVEN ☒ NINE ☐ _____

7. PARITY: ☐ ODD ☐ EVEN

8. DENSITY: ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN): ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK: ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

ARCHIVAL TAPE 6
NFEL005 - 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES: 2000

13. LENGTH OF BYTES IN BITS: 8

RECORD FORMAT DESCRIPTION

RECORD NAME Demersal Fish - Bionumeric Code

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	Bytes	I2	"57" - Constant
Record Type	3	1	Bytes	I1	"5" - Constant
Bionumeric Code	4	9	Bytes	I9	Bionumeric Code of individual
Name	13	48	Bytes	8A6	Scientific name. Genus, species

RECORD FORMAT DESCRIPTION

RECORD NAME Demersal Fish - Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"57" - Constant
Record Type	3	1	bytes	I1	"1" - Constant
Date	4	6	bytes	3I2	Month, day and last two digits of year
Station	10	3	bytes	A3	Station number
Latitude	13	6	bytes	3I2	Degrees, minutes, seconds
Longitude	19	6	bytes	3I2	Degrees, minutes, seconds
Start Time	25	4	bytes	I4	start time - 24 hour clock
Duration	29	4	bytes	2I2	Duration in hours and minutes
Depth	33	4	bytes	F4.1	Sample depth in meters to tenths
Gear Type	37	2	bytes	I2	Code 1 = Trawling 2 = Trapping 3 = Longlining 4 = Trolling 5 = Gillnetting 7 = Air-lift
Trap Type	39	2	bytes	I2	Code 1 = Bottom trap 2 = Floating trap
Vessel Speed	41	2	bytes	I2	Vessel speed in knots
Total Number Caught	43	4	bytes	I4	Total number of individuals caught

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Weight	47	8	bytes	F8.1	Total weight of catch in Kilograms to tenths
Number of Species	55	3	bytes	I3	Number of different species in catch
Subsample Weight	58	7	bytes	F7.1	Weight of subsample in Kilograms to tenths

RECORD FORMAT DESCRIPTION

RECORD NAME Demersal Fish - Species

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"57" - Constant
Record Type	3	1	bytes	I1	"2" - Constant
Date	4	6	bytes	3I2	Month, day and last two digits of year
Station	10	3	bytes	A3	Station Number
Species Sample Number	13	3	bytes	I3	Sample number of species
Bionumeric Code	17	9	bytes	I9	Species bionumeric code.
Gear Type	26	1	bytes	I1	Code 1 = Trawling 2 = Trapping 3 = Longlining 4 = Trolling 5 = Gillnetting 7 = Air-lift
Trap Type	27	1	bytes	I1	Code 1 = Bottom trap 2 = Floating trap
Species Weight	28	5	bytes	F5.1	Total weight of individuals in sample of specified species in grams to tenths
MEASURED INDIVIDUALS					
Sex	33	1	bytes	A1	Sex of measured Individual F = Female M = Male U = Undetermined

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Sex	49	1	bytes	A1	Same as columns 16 to 26
Length	50	5	bytes	F5.0	
Weight*	55	5	bytes	F5.1	
Sex	60	1	bytes	A1	Same as columns 16 to 26
Length	61	5	bytes	F5.0	
Weight*	66	5	bytes	F5.1	
Gear Type	71	1	bytes	I1	Code 1 = Trawling 2 = Trapping 3 = Longlining 4 = Trolling 5 = Gill netting 7 = Air-lift
Trap Type	72	1	bytes	I1	1 = Bottom trap 2 = Floating trap

* - A minus sign in first column of weight field indicates weight in Kilograms instead of grams

** - As many Measurement records can be used as necessary to complete sex/length/weight measurements.

NOAA FORM 24-13

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		

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Demersal Fish - Measurement

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"57" - Constant
Record Type	3	1	bytes	I1	"3" - Constant
Date	4	6	bytes	3I2	Month, day and last two digits of year
Station	10	3	bytes	A3	Station Number
Species Sample Number	13	3	bytes	I3	Sample number of species
MEASURED INDIVIDUALS					
Sex	16	1	bytes	A1	Sex of measured individual F = Female M = Male U = Undetermined
Length	17	5	bytes	F5.0	Length of measured individual in millimeters
Weight *	22	5	bytes	F5.1	Weight of measured individual in grams to tenths
Sex	27	1	bytes	A1	Same as columns 16 to 26
Length	28	5	bytes	F5.0	
Weight*	33	5	bytes	F5.1	
Sex	38	1	bytes	A1	Same as columns 16 to 26
Length	39	5	bytes	F5.0	
Weight*	44	5	bytes	F5.1	

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Length	34	5	bytes	F5.0	Length of measured individuals in millimeters
Weight *	39	5	bytes	F5.1	Weight of measured individual in grams to tenths
SEX	44	1	bytes	A1	Same as columns 33-43
Length	45	5	bytes	F5.0	
Weight*	50	5	bytes	F5.1	
Sex	55	1	bytes	A1	Same as columns 33-43
Length	56	5	bytes	F5.0	
Weight*	61	5	bytes	F5.1	
Sex	66	1	bytes	A1	Same as columns 33-43
Length	67	5	bytes	F5.0	
Weight*	72	5	bytes	F5.1	
Number in Sample	77	4	bytes	I4	Total number of individuals of specified species

* A minus sigh in first column of weight field indicates weight in kilograms instead of grams.

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

USCOMM-DC 44289-P72

RCVD: 4/22/80 | (11) | ACCESSION NUMBER | 800461

DATA DOCUMENTATION FORM

SHRIMP BIOASSAY

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

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.

BUCCANEER OIL FIELD

FILE 11

160 STATIONS
815 data records

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

~~Mr. Bill Jenkins~~ Zoula Zein-Eldin
Southeast Fisheries Center
Galveston Laboratory
4700 Avenue U
Galveston, Texas 77550

Telephone: 713-763-1211 ext 507
FTS: 527-6507

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico 1977-1978
EPA-IAG-DS-E693-E0

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

— NONE —

4. PLATFORM NAME(S)

GUS III

5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)

Ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

7. DATES

PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
US	US	6/26/77	6/26/77
US	US	8/21/77	8/21/77
US	US	9/18/77	9/18/77
US	US	10/28/77	10/28/77
US	US	11/02/77	11/02/77

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

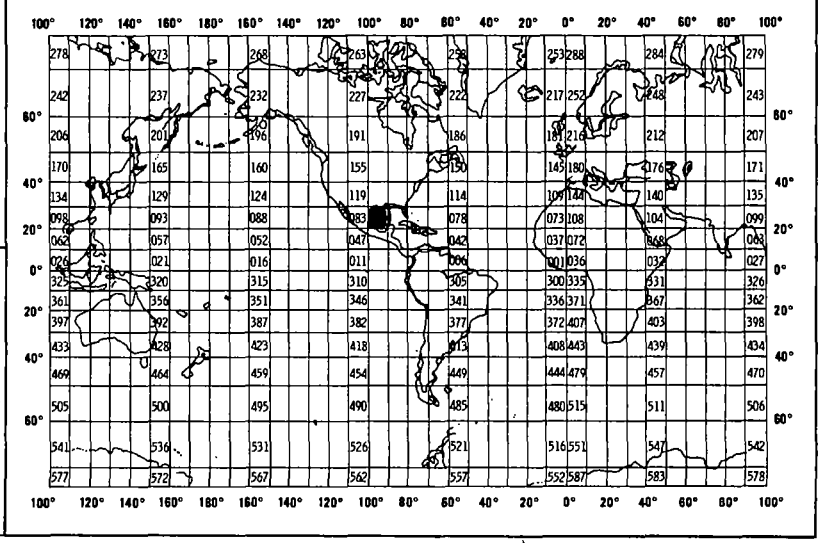
☐ NO ☒ YES ☐ PART (SPECIFY BELOW)

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44289-P72

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

288-A	288P	285327	944142	PLATFORM A - PRODUCTION
288-A	2880	285327	944142	PLATFORM A - QUARTERS
288-2		285255	944133	SATELLITE
288 SE 4-3		285326	944109	SATELLITE
288 SE 4-4		285329	944155	SATELLITE
288 SE 4-5	2885	285400	944118	SATELLITE
288-8		285357	944154	SATELLITE
288-10		285329	944129	SATELLITE
288-18		285241	944149	SATELLITE
295 NW 4-1		285219	944058	SATELLITE
296-B	296P	285202	944152	PLATFORM B - PRODUCTION
296-B	2960	285202	944152	PLATFORM B - QUARTERS
296 NE 4-1		285216	944149	SATELLITE
296 NE 4-2		285156	944228	SATELLITE
296 NE 4-3		285106	944230	SATELLITE
296 NE 4-6		285128	944139	SATELLITE
296-12	2966	285051	944137	SATELLITE

POSITIONS

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 three record types: 1) Experiment 2) Bioassay and 3) Continuation records. For each Experiment record there is a variable number of Bioassay records and a variable number of Continuation 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 11th file on tape 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☐ BCD ☐ BINARY
☒ ASCII ☐ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
☒ NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK
☒ OCTAL 17
☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

ARCHIVAL TAPE 6
NFELOO5- 03073
H. Holley

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

RECORD FORMAT DESCRIPTION

RECORD NAME Shrimp Bioassay - Experiment

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"80" - Constant
Record Type	3	1	bytes	I1	"1" - Constant
Number	4	6	bytes	A6	Experiment number
Segment	10	2	bytes	I2	Experiment segment
Date	12	6	bytes	3I2	Month, day and last two digits of year of date of experiment
Species	18	18	bytes	3A6	Species name (right justified)
Species Size	36	1	bytes	I1	Size code 1 = Large 2 = Small 3 = Medium 4 = Mixed
Sample Date	37	6	bytes	3I2	Month, day and last two digits of year when sample taken.
Sample Time	43	4	bytes	I4	24 hour clock
Sample Source	47	6	bytes	A6	Source Code PLTF A = Platform A PLTF B = Platform B BRINE = Brine MIXED = Mixed brine WATER = Water (control) SUFORM = Suformate (control)
Salinity	53	4	bytes	F4.1	Salinity of sample in ppt to tenths.
Temperature	57	4	bytes	F4.1	Temperature of sample in °C to tenths.

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Sample Condition	62	2	bytes	I2	Code 1 = Clear 2 = Black 3 = Yellow
Sample Volume	63	4	bytes	I4	Volume of sample in each container in ml.
Sample Concentration	67	6	bytes	F6.1	Concentration in ppm.
Petroleum	73	1	bytes	A1	Code P = Petroleum added blank = No petroleum added
Percent	74	2	bytes	I2	Percent petroleum added
Containers	76	2	bytes	I2	Number of containers

RECORD FORMAT DESCRIPTION

RECORD NAME Shrimp Bioassay - Bioassay

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"80" - Constant
Record Type	3	1	bytes	I1	"2" - Constant
Number	4	6	bytes	A6	Experiment number
Segment	10	2	bytes	I2	Experiment segment
Date	12	4	bytes	2I2	Month and day of experiment
Time	16	4	bytes	I4	24 hour clock
Water Code	20	1	bytes	I1	Code 1 = Water changed
— Container 1 —					
OK	21	2	bytes	I2	Number OK
Dead	23	2	bytes	I2	Number dead
Moribund	25	2	bytes	I2	Number moribund
Stress	27	2	bytes	I2	Number under stress
Molt	29	2	bytes	I2	Number molt
— Container 2 —					
OK	31	2	bytes	I2	Same as Col. 21-30
Dead	33	2	bytes	I2	
Moribund	35	2	bytes	I2	
Stress	37	2	bytes	I2	
Molt	39	2	bytes	I2	
— Container 3 —					
OK	41	2	bytes	I2	Same as Col. 21-30
Dead	43	2	bytes	I2	
Moribund	45	2	bytes	I2	
Stress	47	2	bytes	I2	
Molt	49	2	bytes	I2	

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
— Container 4 —					
OK	51	2	bytes	I2	Same as Col. 21-30
Dead	53	2	bytes	I2	
Moribund	55	2	bytes	I2	
Stress	57	2	bytes	I2	
Molt	59	2	bytes	I2	
— Container 5 —					
OK	61	2	bytes	I2	Same as Col. 21-30
Dead	63	2	bytes	I2	
Moribund	65	2	bytes	I2	
Stress	67	2	bytes	I2	
Molt	69	2	bytes	I2	
— Container 6 —					
OK	71	2	bytes	I2	Same as Col. 21-30
Dead	73	2	bytes	I2	
Moribund	75	2	bytes	I2	
Stress	77	2	bytes	I2	
Molt	79	2	bytes	I2	

RECORD FORMAT DESCRIPTION

RECORD NAME Shrimp Bioassay - Continuation

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"80" - Constant
Record Type	3	1	bytes	I1	"3" - Constant
Number	4	6	bytes	A6	Experiment number
Segment	10	2	bytes	I2	Experiment segment
Date	12	4	bytes	2I2	Month and day of experiment
Time	16	4	bytes	I4	24 hour clock
Water Code	20	1	bytes	I1	Code 1 = Water changed
— Container 7 —					
Ok	21	2	bytes	I2	Number Ok
Dead	23	2	bytes	I2	Number dead
Moribund	25	2	bytes	I2	Number moribund
Stress	27	2	bytes	I2	Number under stress
Molt	29	2	bytes	I2	Number molt
— Container 8 —					
Ok	31	2	bytes	I2	Same as Col. 21-30
Dead	33	2	bytes	I2	
Moribund	35	2	bytes	I2	
Stress	37	2	bytes	I2	
Molt	39	2	bytes	I2	
— Container 9 —					
Ok	41	2	bytes	I2	Same as Col. 21-30
Dead	43	2	bytes	I2	
Moribund	45	2	bytes	I2	
Stress	47	2	bytes	I2	
Molt	49	2	bytes	I2	

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
— Container 10 —					
OK	51	2	bytes	I2	Same as Col 21-30
Dead	53	2	bytes	I2	
Moribund	55	2	bytes	I2	
Stress	57	2	bytes	I2	
Molt	59	2	bytes	I2	
— Container 11 —					
OK	61	2	bytes	I2	Same as Col 21-30
Dead	63	2	bytes	I2	
Moribund	65	2	bytes	I2	
Stress	67	2	bytes	I2	
Molt	69	2	bytes	I2	
— Container 12 —					
OK	71	2	bytes	I2	Same as Col 21-30
Dead	73	2	bytes	I2	
Moribund	75	2	bytes	I2	
Stress	77	2	bytes	I2	
Molt	79	2	bytes	I2	

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

USCOMM-DC 44289-P72

RCVD: 4/22/80

ACCESSION NUMBER

DATA DOCUMENTATION FORM

TRACE METALS

NOAA FORM 24-13
(4-77)

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

(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.

BUCCANEER OIL FIELD FILE 12

450 RECORDS

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. John B. Anderson (713) - 527-8101 ext 4880
Rice University
Department of Geology
Houston, Texas 77001

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico. 1977-1978
EPA-IAG-DS-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

- NONE -

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

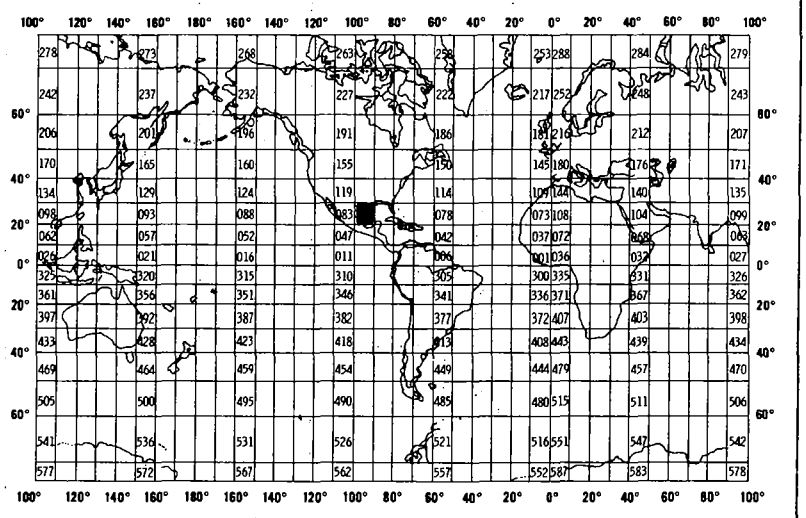
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent infomation by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S 510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 two record types: 1) Station and 2) Concentration.

For each sample there is a Station record followed by a Concentration record.

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

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

This file is the 12th file on tape # 03073.

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

ARCHIVAL TAPE 6
NFE100 6 - ~~35426~~ 03073
H. HOLLEY

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME TRACE METALS - STATION

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"22" - constant
Record Type	3	1	bytes	I1	"1" - constant
Sample Number	4	6	bytes	A6	Sample number
Original Number	10	6	bytes	A6	Original sample number assigned by collector
Date	16	6	bytes	3I2	Month, day and year when sample collected.
Sample Type	22	3	bytes	A3	Type of sample (code) F = Fish SPC = Sediment (piston core) TSS = Trapped suspended sediment BR = Brine BA = Barnacles BE = Benthos
Organism	25	3	bytes	A3	Type of organism (code) SF = Spadefish GTF = Gray Triggerfish RS = Red Snapper SH = Sheepshead SPF = Soapfish PF = Pinfish T = Tom Tate BM = Blackedge Moray YC = Yellow Chub CB = Crested Blenny RSD = Rough Scad LT = Little Tunny BC = Bermuda Chub HC = Horse Conch AWO = Atlantic Winged oyster BTS = Banded Tulip-Shell SM = Spiny Murex
					YSC = Yellow Soft Coral BFC = Brown Soft Coral H = Hydroid AC = Arrow Crab O = Octopus HCR = Hermit Crab MP = Murex pomum

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME TRACE METALS - STATION (con't)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Tissue	28	3	bytes	A3	Tissue analyzed (code) BA = Back muscle BE = Belly muscle WF = Whole Fish L = Liver M = Muscle MS = Midsection P = Pedicide
Sex	31	1	bytes	A1	Sex of organism (code) M = Male F = Female blank = unknown or undetermined
Environment	32	2	bytes	A2	Enviroment in which barnacles were growing Code A = affected by brine discharge NA = Not affected by brine discharge
Depth	34	2	bytes	I2	Depth in meters at which barnacles were growing (0 = surface)
Core Depth	36	6	bytes	2I3	Depth in piston core where sample taken in cm.
- Lower	36	3	bytes	I3	Lower ~~range~~ value
- Upper	39	3	bytes	I3	Upper value

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME TRACE METALS - STATION (con't)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Location	42	6	bytes	A6	Location were sample was taken (code) PA = Platform A - Production QA = Platform A - Quarters FA = Platform A = Flare AA = Platform A BP = Platform B - Production BB = Platform B BF = Platform B - Flare CF = Control - 2883 S3 = Control - 2883 CB = Control - 2963 BF = Buccaneer Field Station
Latitude					Latitude of sample in degrees, minutes and seconds.
- Degrees	48	2	bytes	I2	
- Minutes	50	2	bytes	I2	
- Seconds	52	2	bytes	I2	
Longitude					Longitude of sample in degrees, minutes and seconds.
- Degrees	54	2	bytes	I2	
- Minutes	56	2	bytes	I2	
- Seconds	58	2	bytes	I2	
Structure	60	6	bytes	A6	Structure name.

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME Trace Metals - Concentration

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"22" - Constant
Record Type	3	1	bytes	I1	"2" - constant
Sample Number	4	6	bytes	A6	Sample number
—	Concentrations —				
Ba	10	5	bytes	F5.1	Barium in ppm
Cd	15	5	bytes	F5.1	Cadmium in ppm
Co	20	5	bytes	F5.1	Cobalt in ppm
Cr	25	5	bytes	F5.1	Chromium in ppm
Cu	30	5	bytes	F5.1	Copper in ppm
Fe	35	7	bytes	F7.2	Iron in ppm
Hg	42	5	bytes	F5.2	Mercury in ppm
Mn	47	5	bytes	F5.1	Manganese in ppm
Ni	52	5	bytes	F5.1	Nickel in ppm
Pb	57	5	bytes	F5.1	Lead in ppm
Sr	62	5	bytes	F5.1	Strontium in ppm
Zn	67	6	bytes	F6.1	Zinc in ppm
Carbonate Content	73	5	bytes	F5.1	Carbonate content in %

* Note + in 1st column of concentration field indicates value is in % instead of %

X in 1st column of concentration field indicates value is in % and greater than value recorded

\- in 1st column of concentration field indicates value is less than value recorded

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCVD/22/80

ACCESSION NUMBER

DATA DOCUMENTATION FORM

TRAPPED SUSPENDED SEDIMENT

NOAA FORM 24-13
(4-77)

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

(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.

BUCCANEER OIL FIELD

FILE 13

32 STATIONS
32 records

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. John B. Anderson (713)-527-8101 ext 4880
Rice University
Department of Geology
Houston, Texas 77001

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico. 1977-1978

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

- NONE -

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR___ MONTH___

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

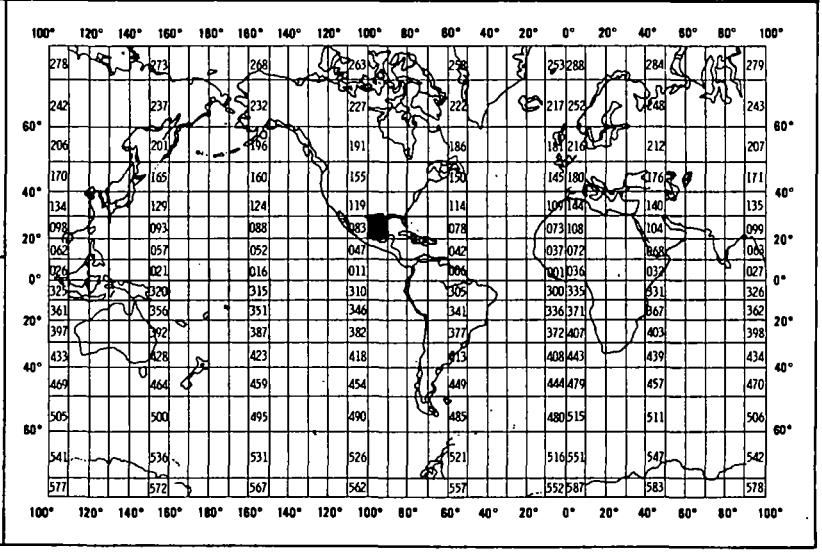
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model 5510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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

For each sample there is one record type: Station.

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 13th file on tape # 03073

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS NMFS, National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☐ BCD ☐ BINARY
☒ ASCII ☐ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
☒ NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH
☐ _____

10. END OF FILE MARK
☒ OCTAL 17
☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

ARCHIVAL TAPE 6
NFEL005 - 03073
H. HOLLEY

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME ~~SEDIMENT~~ TRAPPED SUSPENDED SEDIMENT

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	2	bytes	I2	"23" - constant
Record Type	3	1	bytes	I1	"1" - constant
Station	4	2	bytes	I2	Station number
Date	6	6	bytes	3I2	Date of sample, ~~year, month, an~~ month, day and year.
Structure	12	6	bytes	A6	Structure name
Latitude					Latitude of sample
- Degrees	18	2	bytes	I2	
- Minutes	20	2	bytes	I2	
- Seconds	22	2	bytes	I2	
Longitude					Longitude of sample
- Degrees	24	2	bytes	I2	
- Minutes	26	2	bytes	I2	
- Seconds	28	2	bytes	I2	
Trap	30	1	bytes	A1	Type of trap - (code) S = Shallow Depth Trap M = Mid Depth Trap N = Near Bottom Trap
Segment	31	1	bytes	A1	Portion of ~~sediment sample~~ where sample taken (code) T = Top B = Bottom

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Amount	32	2	bytes	I2	Depth in trap where sample taken in cm.
Organic Content	34	3	bytes	I3	Organic Content in percent
Detrital Mineral Content	37	3	bytes	I3	Detrital Mineral content in percent
Mean	40	6	bytes	F6.3	Mean gain size
SD	46	6	bytes	F6.3	Standard Deviation

NOAA FORM 24-13

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		

NOAA FORM 24-13

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		

NOAA FORM 24-13

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

NOAA FORM 24-13

RCVD: 6/24/80

FILE 26 (39)

ACCESSION NUMBER [redacted]

8000461

DATA DOCUMENTATION FORM

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

BUCCANEER 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.

CONTINUOUS CURRENT METER

4997 RECORDS

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 (312) 564-0700
NALCO Environmental Service
1500 Frontage Road
Northbrook, Illinois 60062

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

SUMMER ✓
WINTER ✓

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
GUS III	SHIP	US	US	7/26/78 2/14/78	8/30/78 3/20/79

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

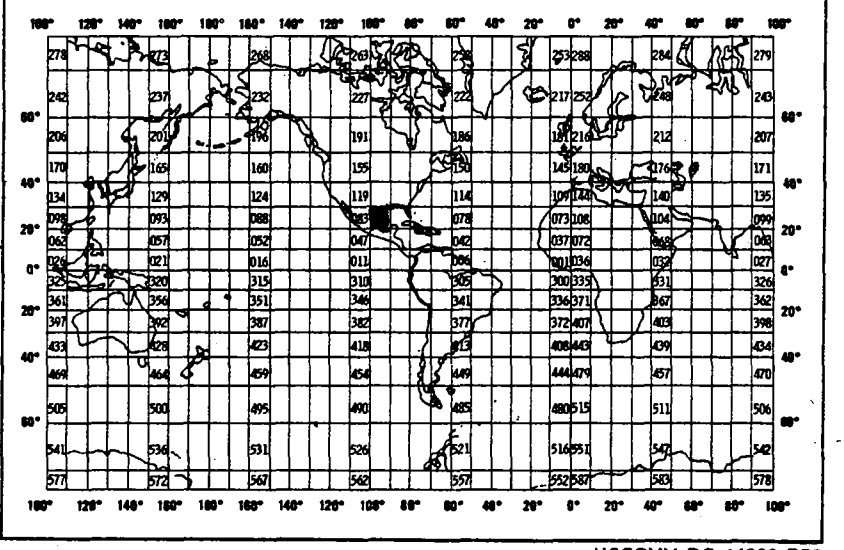
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44289-P72

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S 510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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

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 4 record Types 1) Position 2) Comments 3) Depth and 4) Observation

The 1st 11 records are position records, followed by 2 comment records, followed by a variable number of Depth records. Each depth record is followed by a variable number of 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 26th file on tape #25766

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)
ADDRESS National Marine Fisheries Service
National Space Technology Laboratories
NSTL Station, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

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

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS
8

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (POSITION)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Station	1	3	bytes	A3	Station name/number
Latitude	10	4	bytes	2XI2, 1XF5.2	Latitude in degrees and minutes (to hundredths)
Longitude	14	11	bytes	2XI3, 1XF5.2	Longitude in degrees and minutes (to hundredths)
Comments	25	42	bytes	7A6	Comments about station

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINOUS CURRENT METER (COMMENTS)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Record Type	1	1	bytes	A1	"A" - constant
Comments	2	78	bytes	13A6	Comments about file.

NOAA FORM 24-13

USCOMM-DC 44289-P72

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (DEPTH)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Record Type	1	1	bytes	A1	"B" - constant
Comments	2	170	bytes	2A6, A5	"CURRENT METER" - constant
Cruise	19	6	bytes	A6	Cruise name/number
Station	25	5	bytes	A5	Station name/number
Date -Start	30	4	bytes	2I2	Month and day at start of experiment
End	34	6	bytes	3I2	Month, day, and year at end of experiment
Depth	40	5	bytes	F5.1	Depth in meters

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (OBSERVATION)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Date	1	6	bytes	3I2	Month, day, and year of observation
Time	7	4	bytes	I4	Time (24 hour clock)
Speed	11	8	bytes	F8.2	Current speed in m/sec
Direction	19	9	bytes	F9.2	Current direction in degrees (true)

D. INSTRUMENT CALIBRATION

by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration oceanographic community. Identify the instruments used by your organization to obtain the scien- perature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the cali- d/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 bration cycle is checked.

LAST TION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALIBRATED
	YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

BUCCANEER OIL FIELD

ACCESSION NUMBER [redacted]

8000461

RCVD: 12 JAN 79

DATA DOCUMENTATION FORM

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

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.

25 records

35197 CURRENT METER / WIND RECORDS
(1, NL)

NODC TAPE 5743
LABEL=(14, SL)
84 X 2100
DSN=
BUCCAN.YR77YR78

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

Mr. REED ARMSTRONG
NATIONAL MARINE FISHERIES SERVICE
ATLANTIC ENVIRONMENTAL GROUP
RR14, Box 522A
NARRAGANSETT, RI 02882

TELEPHONE: 401-789-9326
FTS: 838-7142

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

ENVIRONMENTAL ASSESSMENT OF AN ACTIVE OIL FIELD IN THE NORTHWESTERN GULF OF MEXICO 1977-1978
EPA-IAG-D5-E693-EO

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

—

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
SHELL BUCCANEER "A"	OIL PLATFORM	US	US	12/12/75	12/29/76

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

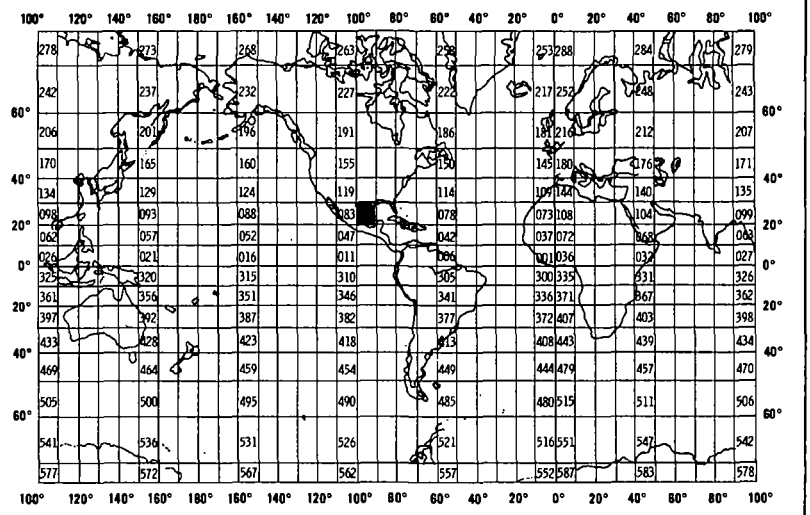
☐ NO ☒ YES ☐ PART *(SPECIFY BELOW)*

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44289-P72

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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
WIND SPEED	M/SEC	BENDIX MODEL 120 AEROVANE WITH A potentiometric DIRECTION SENSOR		
WIND DIRECTION	DEGREES			
CURRENT SPEED	CM/SEC	MARSH-McBIRNEY MODEL 724 ELECTROMAGNETIC CURRENT METER		
CURRENT DIRECTION	DEGREES			

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

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 THREE RECORD TYPES: 1) HEADER, 2) STATION, 3) DATA
THERE IS ONE HEADER RECORD FOLLOWED BY ONE STATION RECORD FOLLOWED BY A VARIABLE NUMBER OF DATA RECORD.

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 CONSISTS OF MULTIPLE PHYICAL RECORDS (2100 BYTES IN LENGTH) FOLLOWED BY A SINGLE END OF FILE.

THIS FILE IS THE ONLY FILE ON TAPE 35197

3. ATTRIBUTES AS EXPRESSED IN ☑ PL-1 ☒ FORTRAN ☐ ALGOL ☐ _____ LANGUAGE ☐ COBOL

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER HILLMAN HOLLEY 601-688-3102 (FTS-494-3102)
ADDRESS NMFS, NATIONAL SPACE TECHNOLOGY LABORATORIES
NSTL STATION, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (*INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER*)

ARCHIVAL TAPE 2

NFEL002 - 35197

H. HOLLEY

12. PHYSICAL BLOCK LENGTH IN BYTES
2100

13. LENGTH OF BYTES IN BITS
6

RECORD FORMAT DESCRIPTION

RECORD NAME CURRENT METER AND WIND RECORDS - DATA

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
FILE TYPE	1	3	BYTES	A3	"005" CONSTANT
DATE	4	6	BYTES	3I2	LAST TWO DIGITS OF YEAR, MONTH AND DAY WHEN FILE CREATED
RECORD TYPE	10	1	BYTES	A1	"3" CONSTANT
STATION	11	5	BYTES	A5	STATION IDENTIFIER
DATE	16	9	BYTES	3I3	YEAR, MONTH AND DAY WHEN DATA COLLECTED
TIME	25	4	BYTES	I4	TIME IN HOURS TO HUNDREDTHS
WIND INDICATOR	29	1	BYTES	I1	CODE 0 = NO DATA 1 = DATA
WIND DIRECTION	30	3	BYTES	I3	DIRECTION TOWARD IN WHOLE DEGREES
WIND SPEED	33	4	BYTES	I4	WIND SPEED IN METERS/SECOND
CM1 INDICATOR	37	1	BYTES	I1	CODE 0 = NO DATA 1 = DATA
CM1 DIRECTION	38	3	BYTES	I3	DIRECTION TOWARD IN WHOLE DEGREES
CM1 SPEED	41	4	BYTES	I4	CURRENT SPEED IN CM/SEC.

RECORD FORMAT DESCRIPTION

RECORD NAME CURRENT METER AND WIND RECORDS- DATA (CONTINUED)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
CM2 INDICATOR	45	1	BYTES	I1	CODE 0 = NO DATA 1 = DATA
CM2 DIRECTION	46	3	BYTES	I3	DIRECTION TOWARD IN WHOLE DEGREES
CM2 SPEED	49	4	BYTES	I4	CURRENT SPEED IN CM/SEC
CM3 INDICATON	53	1	BYTES	I1	CODE 0 = NO DATA 1 = DATA
CM3 DIRECTON	54	3	BYTES	I3	DIRECTION TOWARD IN WHOLE DEGREES
CM3 SPEED	57	4	BYTES	I4	CURRENT SPEED IN CM/SEC.

RECORD FORMAT DESCRIPTION

RECORD NAME CURRENT METER AND WIND RECORDS - HEADER

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
FILE TYPE	1	3	BYTES	A3	"005" CONSTANT
DATE	4	6	BYTES	3I2	LAST TWO DIGITS OF YEAR, MONTH AND DAY WHEN FILE CREATED
RECORD TYPE	10	1	BYTES	A1	"1" CONSTANT
STATION	11	5	BYTES	A5	STATION IDENTIFIER
SEQUENCE	16	1	BYTES	I1	FILE HEADER NUMBER
TEXT	17	44	BYTES	44A1	COMMENTS

RECORD FORMAT DESCRIPTION

RECORD NAME CURRENT METER AND WIND RECORDS - STATION

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
FILE TYPE	1	3	BYTES	A3	"005" CONSTANT
DATE	4	6	BYTES	3I2	LAST TWO DIGITS OF YEAR, MONTH AND DAY WHEN FILE CREATED
RECORD TYPE	10	1	BYTES	A1	"2" CONSTANT
STATION	11	5	BYTES	A5	STATION IDENTIFIER
LATITUDE	16	6	BYTES	3I2	DEGREES, MINUTES AND SECONDS
LATHEM	22	1	BYTES	A1	"N" - HEMISPHERE
LONGITUDE	23	7	BYTES	I3, 2I2	DEGREES, MINUTES AND SECONDS
LONHEM	30	1	BYTES	A1	"W" HEMISPHERE
WATER	31	4	BYTES	I4	WATER DEPTH IN METERS TO TENTHS
ANEMHGT	35	4	BYTES	I4	HEIGHT ON FM ANALOG MAGNETIC TAPE RECORDER IN METERS TO TENTHS
CM1 DEPTH	39	4	BYTES	I4	DEPTH OF CURRENT METER #1 IN METERS TO TENTHS
CM2 DEPTH	43	4	BYTES	I4	DEPTH OF CURRENT METER #2 IN METERS TO TENTHS
CM3 DEPTH	47	4	BYTES	I4	DEPTH OF CURRENT METER #3 IN METERS TO TENTHS

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

RCVD: 2 NOV 77

DDF A:2:15

80 00 461

DATA DOCUMENTATION FORM

EPA / BUCCANEER OIL FIELD

NOAA FORM 24-13 (4-77)

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

OCEAN SERIAL STATIONS 603

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

NODC TAPES
LRECL=84
BLKSIZE=2100
FILE=#1 25rec.

14379
14382

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

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 Active 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 thro 003-77

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
GUS III	SHIP (SEE INSIDE)	US	US	5/24/76	12/4/76
KINGFISH		US	US	1/17/77	3/3/77
RACHEL CARSON					
SEA BOB					
OREGON II					

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

☐ NO ☒ YES ☐ PART (SPECIFY BELOW)

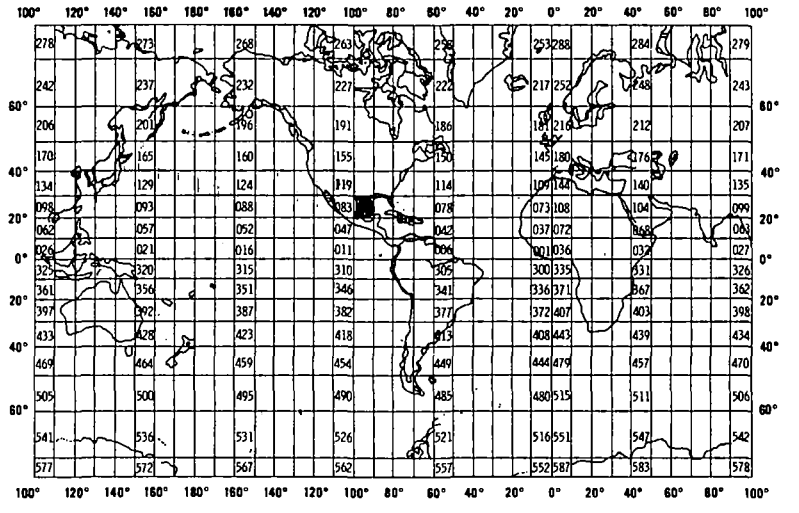
All

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

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model 5510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

HYDROGRAPHY - ENVIRONMENTAL

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

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 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 (FTS 685-6306)
ADDRESS Slidell Computer Center Slidell, La 70458

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☒ BCD ☐ BINARY
☐ ASCII ☐ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☒ SEVEN
☐ NINE
☐ _____

7. PARITY
☐ ODD
☒ EVEN

8. DENSITY
☐ 200 BPI ☐ 1600 BPI
☐ 556 BPI
☒ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN)
☒ 3/4 INCH
☐ _____

10. END OF FILE MARK
☒ OCTAL 17
☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*
H. Holley TIEDS 1
OUT*EDS ARCHIVAL #2

12. PHYSICAL BLOCK LENGTH IN BYTES
2100

13. LENGTH OF BYTES IN BITS
6

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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 Bathythermograph System R-603 (XBT)	-	
Salinity	‰	Nansen Bottle	Goldberg T/C Hand-held Refractometer	
		Hydrolab Model TC-2 Conductivity-Temperature Meter		

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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

RECORD FORMAT DESCRIPTION

RECORD NAME: Hydrography - Oceanographic Station - Type 8*

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

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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		

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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 NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
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	~~5~~	~~5~~	~~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	
~~Course~~ 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

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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 NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
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 Physical and Chemical Data Form for Oceanographic Stations (NODC 3-64).

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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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)

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