

PCVD: 12 NOV 77

81

ACCESSION  
NUMBER

78-0501

# EPA / BUCCANEER OIL FIELD

## DATA DOCUMENTATION FORM

TR3164 thru TR3167

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

TOTAL ORGANICS  
506

ORIGINATOR'S TAPES

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

81 STATIONS

### A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES  
L RECL = 84  
BLK SIZE = 2100  
FILE = # 2 25 REELS

14379  
14382

#### 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Dr. E. William Behrens  
University of Texas Marine Science Institute  
Port Aransas Marine Science Laboratory  
Port Aransas, Texas

Phone: (512) 749-6745

#### 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

— NONE —

#### 4. PLATFORM NAME(S)

PELLECAN  
GUS III  
~~RACHEL CARSON~~  
KING FISH (SEE

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

SHIP  
INSIDE)

#### 6. PLATFORM AND OPERATOR NATIONALITY (IES)

PLATFORM

OPERATOR

US

US

#### 7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR

6/18/76

11/3/76

#### 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)

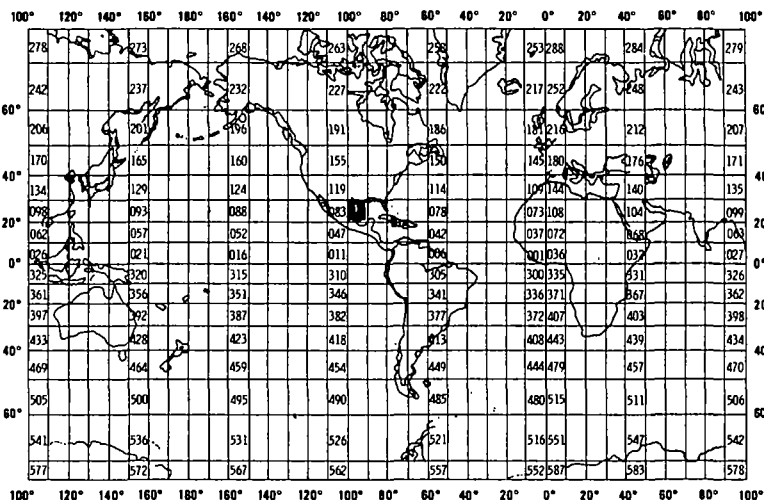
All

#### 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 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)

# TOTAL ORGANIC

DATE

VESSEL

6/18/76

SEABOB

9/8/76

KINGFISH

9/9/76 - 9/10/76

GUS II

11/2/76 - 11/3/76

GUS III

## 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 is only one record type. Each Physical record on tape contains 2100 bytes. Each physical record contains 25 logical records as described in Section 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

3. ATTRIBUTES AS EXPRESSED IN

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

Hillman Holley 504-255-6306 (FTS 685-6306)  
Slidell Computer Center Slidell, La 70458

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>TIEDS1 H. Holley</p> <p>OUT*EDS ARCHIVAL #2</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>2100</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6</p>

# RECORD FORMAT DESCRIPTION

RECORD NAME

TOTAL ORGANICS

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"151" constant
Date					
Month	3	2	bytes	I2	last two digits of year
Day	5	2	bytes	I2	
Year	7	2	bytes	I2	
Station	9	5	bytes	A5	Station number
Latitude					
Degrees	14	2	bytes	I2	
Minutes	16	2	bytes	I2	
Seconds	18	2	bytes	I2	
Longitude					
Degrees	20	2	bytes	I2	
Minutes	22	2	bytes	I2	
Seconds	24	2	bytes	I2	
Sample Number	26	5	bytes	A5	Sample number
Total Organic Carbon	31	4	bytes	<del>F</del> F4.2	Total Organic Carbon to hundreths of a percent
Stable Carbon Isotope Ratio	35	5	bytes	F5.1	Ratio of stable carbon isotope (del C-13) to tenths
Unstable Carbon Isotope Ratio	40	5	bytes	F5.1	Ratio of unstable carbon isotope (del C-14) to tenths.



# RECORD FORMAT DESCRIPTION

RECORD NAME Total Organics

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., blts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Radio carbon Age	45	10	bytes	I6,IXI3	Radiocarbon Age in years to hundreds of year. $\pm$ n years where * = $\pm$
Depth of Sample					Depth range of sample in core.
Upper Depth	55	3	bytes	I3	
Lower Depth	58	3	bytes	I3	
blank	61	20	bytes	20X	Not used

# 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		

# RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

## D. INSTRUMENT CALIBRATION

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

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

PCVD: 2 NOV 77

(82)

ACCESSION  
NUMBER

78-0501

TR3152 thru

TR3156

# EPA/BUCCANEER OIL FIELD

## 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

PLANKTON 521

ORIGINAL TAPES  
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

19 STATIONS

### A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES  
LRECL = 84  
BLKSIZE = 2100  
FILE = #3

14379  
14382

#### 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Dr. Nick Fotheringham Phone (713) 744 1763 25 records  
~~Biology Department~~  
~~University of Houston~~ DAMES & MOORE 688-4541  
Houston, Texas 77004

#### 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

- NONE -

#### 4. PLATFORM NAME(S)

GUS III  
PELICAN  
~~RACHEL CARSON~~  
SEA-BOB

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

SHIP  
(SEE INSIDE)

#### 6. PLATFORM AND OPERATOR NATIONALITY(IES)

US

US

#### 7. DATES

FROM: MO/DAY/YR TO: MO/DAY/YR

5/24/76

12/9/76

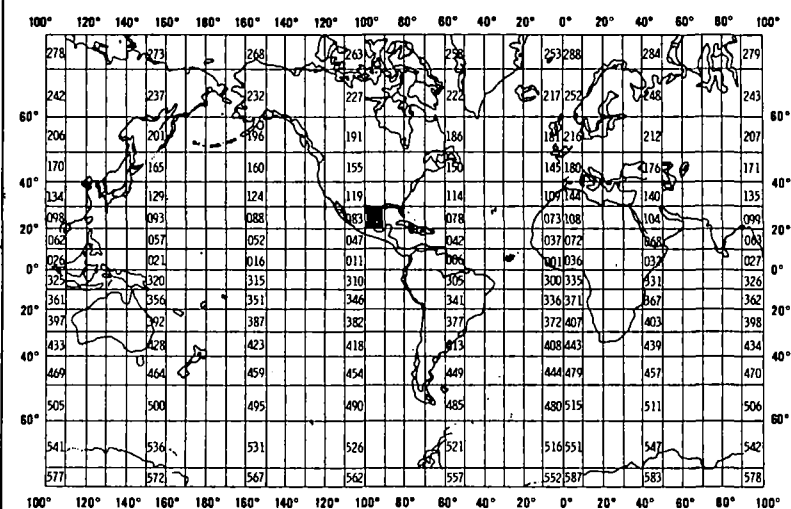
#### 8. ARE DATA PROPRIETARY?

☒ 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)

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

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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)

# PLANKTON

DATE

VESSEL

~~5/24/76~~  
5/24/76

SEABOB

8/10/76

GUS III

10/1/76 - 10/2/76

GUS III

11/2/76

PELICAN

12/9/76

PELICAN

## 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

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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 is only one record type. Each physical record on tape contains 2100 bytes. Each physical record contains 25 logical records as described in Section 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

Hillman Holley 504-255-6306 (FTS 685-6306)  
Slidell Computer Center Slidell, La 70458

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>TIEDS1 H. Holley</p> <p>OUT*EDS ARCHIVAL #2</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	
<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>2100</p>	
<p>13. LENGTH OF BYTES IN BITS</p> <p>6</p>	

# RECORD FORMAT DESCRIPTION

RECORD NAME

PLANKTON

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Constant "109"
Station	3	5	bytes	A5	Station number
Location	8	2	bytes	A2	Location code PA = Platform A JC = Jacket C CX = Control Area X
Latitude	<del>10</del>	<del>2</del>	<del>bytes</del>	<del>I2</del>	
Degrees	10	2	bytes	I2	
Minutes	12	2	bytes	I2	
Seconds	14	2	bytes	I2	
Longitude					
Degrees	16	2	bytes	I2	
Minutes	18	2	bytes	I2	
Seconds	20	2	bytes	I2	
Date					
Month	22	2	bytes	I2	
Day	24	2	bytes	I2	
Year	26	2	bytes	I2	last two digits of year
Mesh size	<del>28</del>	<del>3</del>	<del>bytes</del>	<del>I3</del>	<del>mesh size in <math>\mu</math></del>
Sample Number	31	2	bytes	I2	Sample number
Time	33	4	bytes	I4	Time of sample (24 Hour clock)
Volume of water Sampled	<del>37</del> 37	8	bytes	F8.6	Volume of water sampled in of $M^3$

# RECORD FORMAT DESCRIPTION

RECORD NAME PLANKTON

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Subsample size	45	3	bytes	I 3	Percentage of total sample to nearest percent
Estimated Density of Holoplankton	48	11	bytes	F11.1	Estimated density per M <sup>3</sup> to tenths
Estimated Density of Meroplankton	59	11	bytes	F11.1	Estimated density per M <sup>3</sup> to tenths
Proportion of Meroplankton	70	6	bytes	F6.4	Proportion to ten thousandths
Blank	76	9	bytes	9X	Not used

# 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		

## RECORD FORMAT DESCRIPTION

**RECORD NAME**

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

## D. INSTRUMENT CALIBRATION

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

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



PAID 11/11/77

84

ACCESSION  
NUMBER

78-0501

# EPA/BUCCANEER OIL FIELD

## DATA DOCUMENTATION FORM

TR 3168 thru TR 3186

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

HYDROCARBONS 628

ORIGINATOR'S TAPES  
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.)

TWO  
NODC  
TAPE  
COPIES

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.

146 STATIONS  
25 records

### A. ORIGINATOR IDENTIFICATION

NODC TAPES

L RECL = 84

BLK SIZE = 2100

FILE = #5

14379  
14382

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 S. Middleditch  
University of Houston  
Dept. of Biophysical Science  
Houston, Texas 77004

Telephone 713-749-4845 or 2801

#### 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

- none -

#### 4. PLATFORM NAME(S)

KING FISH  
GUS III  
PELICAN  
RACHAEL CARSON  
SEABOB

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

US  
(SEE INSIDE)

#### 6. PLATFORM AND OPERATOR NATIONALITY(IES)

US

US

#### 7. DATES

FROM: MO/DAY/YR TO: MO/DAY/YR

4/21/76

3/8/77

#### 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)

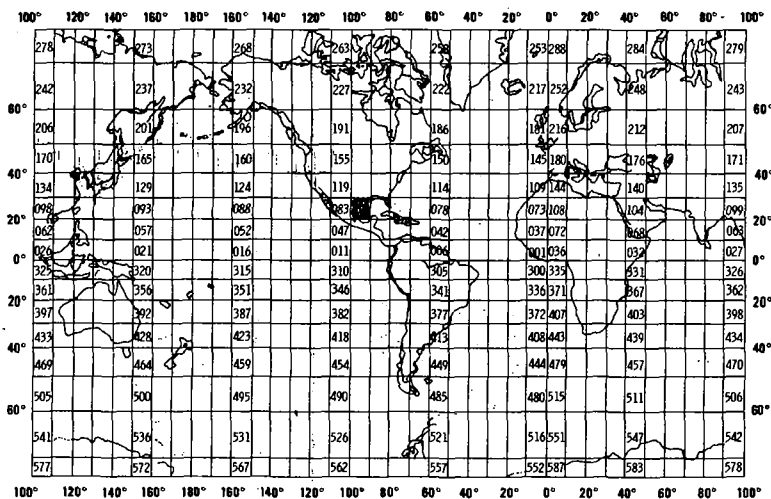
ALL

#### 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	700	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	$\phi$ 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)

# HYDROCARBONS

DATE	VESSEL
4/21/76	GUS III
5/24/76	GUS III
6/5/76 - 6/6/76	GUS III
6/10/76 - 6/12/76	GUS III
7/16/76 - 7/17/76	SEABOB
7/27/76	SEABOB
8/9/76 - 8/10/76	GUS III
8/16/76 - 8/17/76	GUS III
8/31/76	<del>SEABOB</del> GUS III
9/17/76	SEABOB
9/23/76 - 9/27/76	KINGFISH
10/30/76	GUS III
12/3/76 - 12/6/76	GUS III
12/17/76	RACHAEL CARSON
1/21/77 - 1/22/77	PELICAN
1/30/77 - 2/1/77	PELICAN
2/15/77 - 2/17/77	GUS III
3/2/77	GUS III
3/8/77	PELICAN

# 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
<del>Compound</del> Compound Concentration			Gas chromatography - Perkin Elmer 3920B instrument Mass Spectrometry - Hewlett-Packard 592A instrument	

## 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 type 1) Station 2) Analysis and 3) Concentration. For each sample, there is a Station record followed by an Analysis record followed by a variable number of concentration 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 10656

## 3. ATTRIBUTES AS EXPRESSED IN

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

## 4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

Address Hillman Holley 504-255-6306 (FTS-685-6306)  
Slidell Computer Center Slidell, La 70458

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<b>5. RECORDING MODE</b> <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input checked="" type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
<b>7. PARITY</b> <input type="checkbox"/> ODD <input checked="" type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b> TIEDS1 H. HOLLEY  OUT*ERS ARCHIVAL #3
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> 2100	<b>13. LENGTH OF BYTES IN BITS</b> 6

# RECORD FORMAT DESCRIPTION

RECORD NAME HYDROCARBONS - STATION

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"162" constant
Record type	4	1	bytes	I1	"1" constant
Data Set	5	5	bytes	A5	Data set code number
Sample Date					
month	10	2	bytes	I2	last two digits of year
Day	12	2	bytes	I2	
Year	14	2	bytes	I2	
Latitude					
Degrees	16	2	bytes	I2	Minutes to hundredths
Minutes	18	4	bytes	F4.2	
Longitude					
Degrees	22	3	bytes	I3	Minutes to hundredths
Minutes	25	4	bytes	F4.2	
blank	29	1	bytes	1X	Not used
Site	30	10	bytes	A6, A4	Collection Site
Source	40	12	bytes	2A6	Name of person or agency from whom sample was obtained
Description	52	29	bytes	4A6, A5	Sample description
blank	81	4	bytes	4X	Not used



# RECORD FORMAT DESCRIPTION

RECORD NAME HYDROCARBONS - ANALYSIS

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"1b2" constant
Record type	4	1	bytes	I1	"2" constant
Data Set	5	5	bytes	A5	Data set code number (Must be the same as type 1 record)
Analysis Date					
Month	10	2	bytes	I2	
Day	12	2	bytes	I2	
Year	14	2	bytes	I2	Last two digits of year
Analyst	16	12	bytes	2A6	Name of Analyst
Examination Type	28	2	bytes	A2	Examination code GC = Gas chromatography MS = Mass Spectrometry
Amount Analyzed	30	8	bytes	F8.4	Amount of sample analyzed in grams
Comments	38	47	bytes	7A6, A5	Comments on Analysis

# RECORD FORMAT DESCRIPTION

RECORD NAME

HYDROCARBONS - CONCENTRATION

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"162" constant
Record type	4	1	bytes	I1	"3" constant
Data Set	5	5	bytes	A5	Data set code number. (Must be the same as Type 1 and Type 2 records)
Compound	10	40	bytes	6A6, A4	Compound name or abbreviation
Concentration	50	6	bytes	F6.0	Compound concentration
Unit	56	1	bytes	A1	Units code C = percent M = parts/million B = parts/Billion T = parts/Trillion
Comments	57	28	bytes	4A6, A4	Comments on individual compounds

## RECORD FORMAT DESCRIPTION

**RECORD NAME**

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

## D. INSTRUMENT CALIBRATION

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

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

RCVD 11/11/77

(85)

ACCESSION  
NUMBER

78-0501

TR 3187

## EPA/BUCCANEER OIL FIELD

## 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 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

FISH DETERMINATION

ORIGINATOR'S TAPES

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  
↓3 STATIONS  
21 records

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES  
LRECL=102  
BLKSIZE=2142  
FILE=#614379  
14382

## 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Dr. Nick Fotheringham  
Biology Department  
University of Houston  
Houston, Texas 77004

Phone: (713) 749-1763

DAMES &amp; MOORE 688-4541

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

Environment 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

- NONE -

## 4. PLATFORM NAME(S)

GUS III

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

SHIP

6. PLATFORM AND OPERATOR  
NATIONALITY(IES)PLATFORM  
US  
US  
USOPERATOR  
US  
US  
US

## 7. DATES

FROM: MO/DAY/YR TO: MO/DAY/YR  
10/1/76 10/1/76  
11/1/76 11/1/76  
3/8/77 3/8/77

## 8. ARE DATA PROPRIETARY?

☒ NO ☐ YESIF 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)

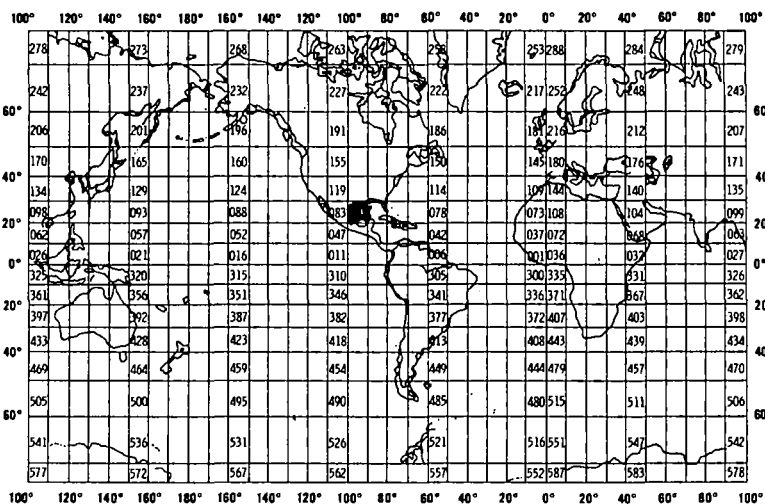
All

## 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	7or	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	$\phi$ 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) Measurement. For each sample, there is a Station record followed by a variable number of Measurement records. Each Physical record on tape contains 2142 bytes and consists of 21 logical records as described in Section 14

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file consists of ~~multiple~~ physical records (2142 bytes in length) followed by an end of file.

This file is the second file on tape 10656

3. ATTRIBUTES AS EXPRESSED IN
- |   |                                |                                |
|---|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1               | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input checked="" type="checkbox"/> FORTRAN | <input type="checkbox"/> _____ | 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

<p>5. RECORDING MODE</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> SEVEN</td> </tr> <tr> <td><input type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>7. PARITY</p> <table border="0"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input checked="" type="checkbox"/> EVEN</td> </tr> </table> <p>8. DENSITY</p> <table border="0"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input checked="" type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<input checked="" type="checkbox"/> SEVEN	<input type="checkbox"/> NINE	<input type="checkbox"/> _____	<input type="checkbox"/> ODD	<input checked="" type="checkbox"/> EVEN	<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input checked="" type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p> <p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="font-size: 1.2em;">TIEDS1 H. HOLLEY</p> <p style="font-size: 1.2em;">OUT* EDS ARCHIVAL #3</p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="font-size: 1.2em; text-align: center;">2142</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="font-size: 1.2em; text-align: center;">6</p>
<input checked="" type="checkbox"/> BCD	<input type="checkbox"/> BINARY																			
<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC																			
<input type="checkbox"/> _____																				
<input checked="" type="checkbox"/> SEVEN																				
<input type="checkbox"/> NINE																				
<input type="checkbox"/> _____																				
<input type="checkbox"/> ODD																				
<input checked="" type="checkbox"/> EVEN																				
<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI																			
<input type="checkbox"/> 556 BPI																				
<input checked="" type="checkbox"/> 800 BPI																				
<input type="checkbox"/> _____																				

# RECORD FORMAT DESCRIPTION

RECORD NAME FISH DETERMINATION - Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"108" constant
Record Type	4	1	bytes	I1	"1" constant
Station	5	5	bytes	A5	Station number
<del>Block</del> Location	10	2	bytes	A2	Location code PA = Platform A CX = Control Area X PB = Platform B
Latitude					
Degrees	12	2	bytes	I2	
Minutes	14	4	bytes	F4.2	Minutes to hundredths
Longitude					
Degrees	18	2	bytes	I2	
Minutes	20	4	bytes	F4.2	Minutes to hundredths
Date					
Month	24	2	bytes	I2	
Day	26	2	bytes	I2	
Year	28	2	bytes	I2	last two digits of year
Sequence	30	3	bytes	I3	Sequence number of species per station for each date
Species	33	30	bytes	5A6	Species Name
Number	63	3	bytes	I3	Individual number
Length	66	3	bytes	F3.1	Length of individual in centimeters to tenths

# RECORD FORMAT DESCRIPTION

RECORD NAME FISH - DETERMINATION - Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Wet weight	<del>69</del>	4	bytes	F4.0	Weight of individual in grams
Sex	<del>70</del> 73	1	bytes	A1	Sex code M = Male F = Female blank = unknown
Age	74	2	bytes	A2	Age of individual
Determined from	76	1	bytes	I1	code = 1 = Otolith = 2 = Scales = 3 = Spines = 4 = Markings
Ovigerous	77	1	bytes	I1	code 1 = yes 0 = No
* Repeat columns 68 to 77 for next measured individual.					

# RECORD FORMAT DESCRIPTION

RECORD NAME

## FISH DETERMINATION - Measurement

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., blts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"108" constant
Record type	4	1	bytes	I1	"2" constant
Station	5	5	bytes	A5	Station number
Location	10	2	bytes	A2	Location code PA = Platform A CX = Control Area X PB = Platform B
Latitude					
Degrees	12	2	bytes	I2	
Minutes	14	4	bytes	F4.2	Minutes to tenths
Longitude					
Degrees	18	2	bytes	I2	
Minutes	20	4	bytes	F4.2	Minutes to tenths
Date					
Month	24	2	bytes	I2	
Day	26	2	bytes	I2	
Year	28	2	bytes	I2	Last two digits of year
Sequence	30	3	bytes	I3	Sequence number of species
Number	33	3	bytes	I3	Individual number
Length	36	3	bytes	F3.1	Length of individual in centimeters to tenths
Wet Weight	39	4	bytes	F4.0	Weight of individual in grams

# RECORD FORMAT DESCRIPTION

RECORD NAME Fish Determination - Measurement

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Sex	43	1	bytes	A1	sex code M = Male F = Female blank = unknown
Age	44	2	bytes	I2	Age
Determined from	46	1	bytes	I1	Code 1 = Otolith 2 = Scales 3 = spines 4 = Markings
Ovigerous	47	1	bytes	I1	0 = No 1 = yes
<p>* Note : up to three more measurements may be put on this <del>re</del> record</p>					

## D. INSTRUMENT CALIBRATION

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

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

RCVD: 2 NOV 77

(83)

ACCESSION  
NUMBER

78-0501

## EPA/BUCCANEER OIL FIELD

## DATA DOCUMENTATION FORM

TR3157 thru TR3163

NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
OMB No. 41-R2651  
REVISES 1-81SESSILE FAUNA  
533ORIGINATOR'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 ↓

13 measurement UNITS

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTAL

LRECL=102 14382  
BLKSIZE=2040 14379  
FILE=#4 (4,NL)

## 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Dr. Nick Fotheringham  
~~Biology Department~~  
~~University of Houston~~  
Houston, Texas 77004

Phone: (713) 749-1763

DAMES &amp; MOORE

688-4541

Rec=20

## 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

- NONE -

## 4. PLATFORM NAME(S)

GUS III  
PELICAN  
RACHEL CARSON  
SEA-BOB5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

SHIP

(see inside)

6. PLATFORM AND OPERATOR  
NATIONALITY(IES)

PLATFORM

OPERATOR

US

US

## 7. DATES

FROM: MO, DAY, YR

TO: MO, DAY, YR

7/19/76

3/8/77

## 8. ARE DATA PROPRIETARY?

☒ NO ☐ YESIF 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)?

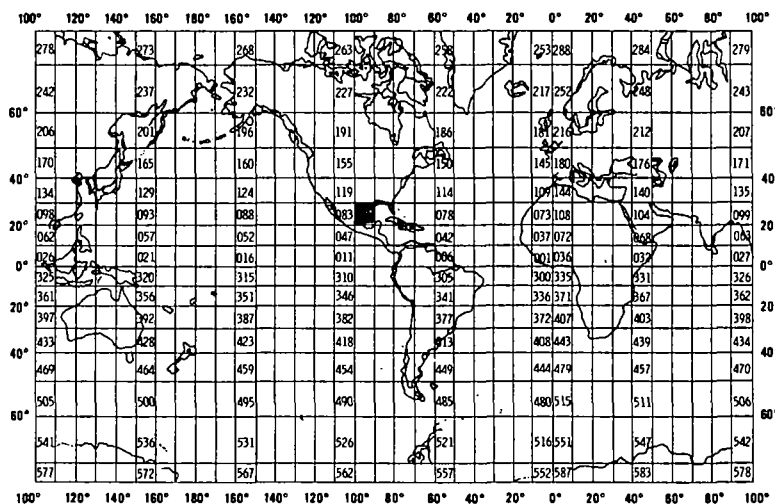
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

☐ NO ☒ YES ☐ PART (SPECIFY BELOW)

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





## 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	700	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)

# SESSILE FAUNA

DATE

VESSEL

7/19/76 - 7/23/76

SEABOB

9/13/76

PELICAN

10/11/76 - 10/2/76

GUS III

11/1/76

PELICAN

12/29/76

RACHAEL CARSON

1/21/77 - 1/22/77

PELICAN

3/8/77

PELICAN

## 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 is only one record type. Each Physical record on tape contains 2040 bytes. Each Physical record contains 20 logical records as described in Section 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file consists of multiple records (2040 bytes in length) followed by an end of file. This file is the Fourth 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

<p>5. RECORDING MODE</p> <div style="display: flex; justify-content: space-between;"> <div><input checked="" type="checkbox"/> BCD</div> <div><input type="checkbox"/> BINARY</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> ASCII</div> <div><input type="checkbox"/> EBCDIC</div> </div> <div><input type="checkbox"/> _____</div>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <div style="display: flex; justify-content: space-between;"> <div><input checked="" type="checkbox"/> SEVEN</div> <div><input type="checkbox"/> NINE</div> </div> <div><input type="checkbox"/> _____</div>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> ODD</div> <div><input checked="" type="checkbox"/> EVEN</div> </div>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="font-family: cursive; font-size: 1.2em;">TIEDS1 H. Holley</p> <p style="font-family: cursive; font-size: 1.2em;">OUT*EDS ARCHIVAL #2</p>
<p>8. DENSITY</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> 200 BPI</div> <div><input type="checkbox"/> 1600 BPI</div> </div> <div><input type="checkbox"/> 556 BPI</div> <div><input checked="" type="checkbox"/> 800 BPI</div> <div><input type="checkbox"/> _____</div>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; font-size: 1.5em;">2040</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center; font-size: 2em;">6</p>

# RECORD FORMAT DESCRIPTION

RECORD NAME

SESSILE FAUNA QUADRAT

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"106" constant
Date					DATE INITIATED
Month	4	2	bytes	I2	
Day	6	2	bytes	I2	
Year	8	2	bytes	I2	last two digits of year
Station	10	5	bytes	A5	station number
Location	15	2	bytes	A2	location code PA = Platform A JC = Jacket C
Latitude					
Degrees	17	2	bytes	<del>I2</del> I2	
Minutes	19	2	bytes	<del>I2</del> I2	
Seconds	21	2	bytes	<del>A</del> I2	
Longitude					
Degrees	23	2	bytes	I2	
Minutes	25	2	bytes	I2	
Seconds	27	2	bytes	I2	
Leg	29	2	bytes	I2	
Depth	31	4	bytes	F4.1	Depth in meters to tenths
Quadrat	35	4	bytes	F4.1	Quadrat in M <sup>2</sup> to tenths
Treatment	39	1	bytes	I1	Treatment code 1 = Scraped 2 = covered

# RECORD FORMAT DESCRIPTION

## SESSILE FAUNA QUADRAT

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		
Date <del>RETRIEVED</del>					DATE ←
Month	40	2	bytes	I2	
Day	42	2	bytes	I2	
Year	44	2	bytes	I2	last two digits of year
Sequence	46	2	bytes	I2	Species sequence number
Species	48	24	bytes	4A6	Species name
Number	72	3	bytes	I3	Number of individuals or colonies
Recruits	75	2	bytes	I3	Number of recruits
Deaths	77	2	bytes	I2	Number of deaths
Percent Cover	89	4	bytes	F4.1	Percent cover to tenths
Measured	88	2	bytes	I2	Measured code 1 = Area 2 = Greatest diameter 3 = other
Measurement #1	85	4	bytes	F4.1	To tenths <i>Individual Measurements</i>
Measurement #2	89	4	bytes	F4.1	To tenths mm.
Measurement #3	93	4	bytes	F4.1	To tenths
Measurement #4	97	4	bytes	F4.1	To tenths
blank	107	2	bytes	1X	not used ↓



## 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		
<p><u>NOTE:</u> WHERE 1ST DATE IS BLANK, ORGANISMS WERE SCRAPED FROM OIL RIG LEGS OR FRAMEWORK.</p> <p>% COVER AN 8 X 12 CM GRID photo BLOWN-UP 4X AND SESSILE ORGANISMS MEASURED BY A PLANIMETER.</p>					
<p><u>MEASURED CODE:</u> SHOULD IN ALL (WHERE GIVEN) CASES BE '1' - THE FOLLOWING RECORDS <del>ARE</del> HAVE ERRONEOUS <del>ENTRIES</del> ENTRIES:</p> <p>181, 184, 185, 198, 205, 211, 215, 220, 231, 235 and 236</p>					

# RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

## D. INSTRUMENT CALIBRATION

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

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

5/2/78

## ADDITIONAL ANSWERS

TO QUESTIONS ON THE SESSILE

FAUNA DATA (BUCCANEER OIL FIELD)

(ASKED by MADAM LA DOC.)

1. "DATE" & "Date Initiated" headings  
ARE SWAPPED (in error) on  
THE DDF.

2. IN - "MEASUREMENTS" (COL. 86)  
The measurements are individual

3. The following ARE to be corrected:

	<u>OLD</u>	=	<u>NEW</u>
Recruits - COL.	75-77	=	75-76 (2 bytes <u>NOT</u> 3)
Deaths - COL.	78-79	=	77-78
% COVER - COL.	80-83	=	79-82
MEASURED - COL.	84-85	=	83-84
MEAS. #1 - COL.	86-89	=	85-88
" #2 - COL.	90-93	=	89-92
" #3 COL.	94-97	=	93-96
" #4 COL.	98-101	=	97-100
BLANK - COL.	102	=	101-102

4/13/78

# PARTIAL ANSWERS TO Questions

Concerning BUCCANEER OIL FIELD -

## sessile FAUNA DATA

ASKED by DR. Collins on 4/12/78

1. "DATE" (COL. 6-9) = Collection (Retrieval) date - Box is placed on Bottom for 90 to 180 days

"DATE Initiated" (COL. 40-45) is Date Box placed on Bottom

Since NSTL's date appear good - (as per H. Holley, NMFS) probably the DDF headings for these fields are reversed.

Where "date" is BLANK, The organisms were scraped from OIL rig legs or framework, and no 2nd date should be present.

RCVD 11/11/77

(86)

ACCESSION  
NUMBER

780501

# EPA/BUCCANEER OIL FIELD

## DATA DOCUMENTATION FORM

TR3198 thru TR3206

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

TRACE METALS  
167 STATIONS 611

ORIGINATOR'S TAPES  
RETURNED BY REQUEST

25 RECORDS

(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.)

TWO  
NODC  
TAPE  
COPIES

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.

### A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES 14379  
L RECL = 84  
BLKSIZE = 2100 14382  
FILE = #8

#### 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Dr. John B. Anderson  
Dr. Rudy R. Schwarzer  
Department of Geology  
Rice University  
Houston, Texas 77001

Telephone: 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, 1976-1977.  
EPA-IAG-DS-E693-E0

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

- NONE -

#### 4. PLATFORM NAME(S)

Pelican  
Gus III  
KING FISH  
~~RACHAEL CARSON~~

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

SHIP  
(SEE INSIDE)

#### 6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
US	US	5/24/76	6/12/76
US	US	8/12/76	9/23/76
US	US	1/21/77	2/18/77
US	US	3/1/77	3/8/77

#### 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)

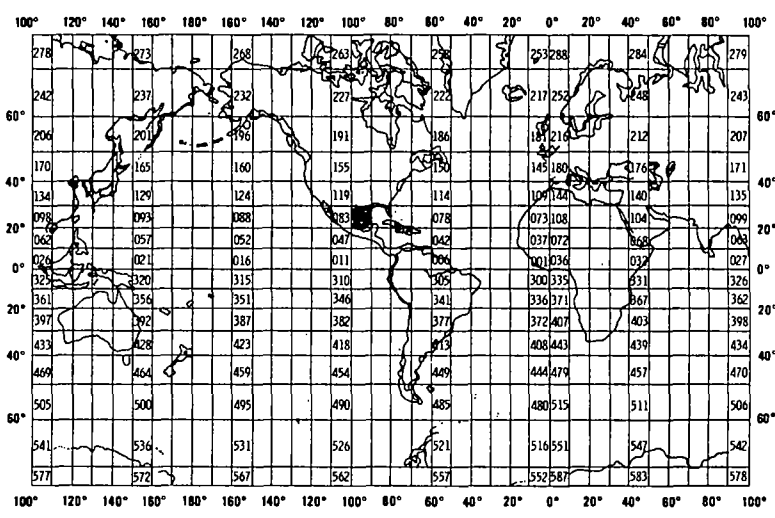
ALL

#### 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 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)

# TRACE METALS

DATE

VESSEL

6/5/76

GUS III

6/10/76 - 6/12/76

GUS III

8/9/76 - 8/10/76

GUS III

9/25/76

PELICAN

10/23/76

KINGFISH

11/15/76

GUS III

1/22/77

PELICAN

2/15/77 - 2/16/77

GUS III

3/8/77

PELICAN



# 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
Trace metal Concentration		Perkin Elmer Model 360 Atomic Absorption - Emission Spectrophotometer		

## 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~~ 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 <sup>03923</sup>~~03945~~

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

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

# RECORD FORMAT DESCRIPTION

RECORD NAME

Trace Metals - Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"101" constant
Record type	4	1	bytes	I1	"4" constant
Station	5	6	bytes	A6	Station name
Latitude*					
Degrees	11	2	bytes	I2	Minutes to hundredths
Minutes	13	4	bytes	F4.2	
Longitude*					
Degrees	17	2	bytes	I2	Minutes to hundredths
Minutes	19	4	bytes	F4.2	
Date					
Month	23	2	bytes	I2	last two digits of year
Day	25	2	bytes	I2	
Year	27	2	bytes	I2	
Sample	29	4	bytes	A4	Sample number
Sample Type	33	1	bytes	I1	code 1 = Sediment 2 = Organism
Common Name	34	18	bytes	3A6	Common name of Sample
Scientific Name	52	24	bytes	4A6	Scientific name of Sample
Depth	76	2	bytes	I2	Sample depth in ft.
Organ	78	7	bytes	Ab, A1	Organ analyzed
* NOTE: POSITIONS (A THROUGH J) NOT AVAILABLE FOR 1ST 10 STATIONS					

# RECORD FORMAT DESCRIPTION

RECORD NAME

Trace Metals - Concentration

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"101" constant
Record type	4	1	bytes	I1	"5" constant
Sample	5	4	bytes	A4	Sample number
* Manganese	9	7	bytes	F7.2	Concentration of Manganese in ppm
* Copper	16	7	bytes	F7.2	Concentration of Copper in ppm
* Zinc	23	7	bytes	F7.2	Concentration of Zinc in ppm
* Chromium	30	7	bytes	F7.2	Concentration of Chromium in ppm
* Lead	37	7	bytes	F7.2	Concentration of Lead in ppm
* Cadmium	44	7	bytes	F7.2	Concentration of Cadmium in ppm
* Barium	51	7	bytes	F7.1	Concentration of Barium in ppm
* Nickel	58	7	bytes	F7.2	Concentration of Nickel in ppm
* Iron	65	6	bytes	F6.0	Concentration of Iron in ppm
* Strontium	71	8	bytes	F8.2	Concentration of Strontium in ppm
Organic Carbon	79	6	bytes	F6.2	% of sample that is organic carbon
* - in first column of concentration indicates that the <del>value is less</del> concentration is less than the given value.					

# 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		

**RECORD NAME**

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



## D. INSTRUMENT CALIBRATION

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

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

12000 11/11/77

(87)

ACCESSION  
NUMBER

78-0501

# EPA/BUCCANEER OIL FIELD

## DATA DOCUMENTATION FORM

TR 3172

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

SEDIMENT 200

ORIGINATOR'S TAPES  
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  
↓

97 STATIONS

25 stations

### A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES  
L RECL = 84  
BLK SIZE = 2100

14379  
14382

#### 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Dr. John B. Anderson  
Dr. Rudy R. Schwarzer  
Department of Geology  
Rice University  
Houston, Texas 77001

Telephone 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, 1976-1977  
EPA-IAG-DS-E693-ED

#### 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)

PLATFORM	OPERATOR
US	US
US	US

#### 7. DATES

FROM: MO, DAY, YR	TO: MO, DAY, YR
6/5/76	6/6/76
6/10/76	6/12/76

#### 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)

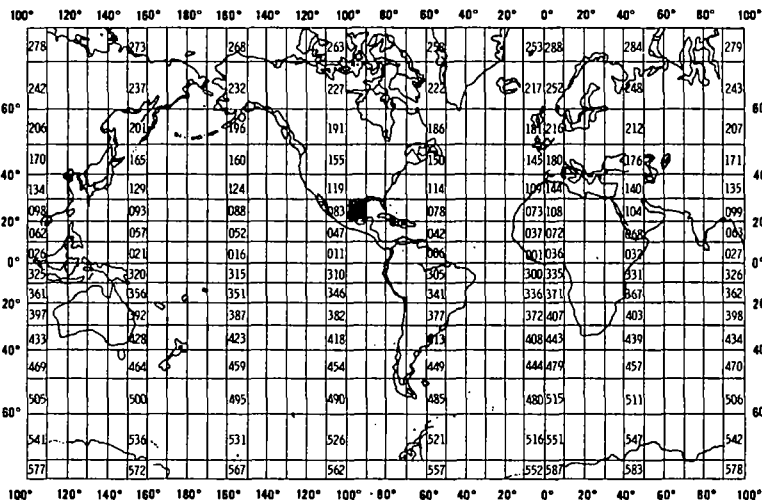
All

#### 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	700	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	$\phi$ 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
Sediment Scale	Krumbein $\phi$ scale of grain size scales for Sediments			

## 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) Station 2) Type 1 3) Type 2.  
For each sample there is a Station record followed  
by a Type 1 record followed by a Type 2 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 file consists of multiple physical records  
(2100 bytes in length) followed by an end of  
file.

This file is the third file on tape 10656

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

Hillman Holley 504-255-6306 (FTS 688-6306)  
Slidell Computer Center Slidell, La 70458

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

# RECORD FORMAT DESCRIPTION

RECORD NAME

Sediment Data - Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"101" constant
Record type	4	1	bytes	I1	"0" constant
Station	5	6	bytes	A6	Station <del>number</del>
Latitude*					
Degrees	11	2	bytes	I2	Minutes to hundreths
Minutes	13	4	bytes	F4.2	
Longitude*					
Degrees	17	2	bytes	I2	Minutes to hundreths
Minutes	19	4	bytes	F4.2	
Name	23	24	bytes	4A6	Station name
Type	47	24	bytes	4A6	Type of station i.e. - structure, field station, etc.
blank	71	14	bytes	14X	Not used
* NOTE: POSITIONS NOT AVAILABLE FOR 1ST 10 STATIONS (A THROUGH J)					



# RECORD FORMAT DESCRIPTION

RECORD NAME

Sediment Data - Type 1

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"101" constant
Record type	4	1	bytes	I1	"1" constant
Station	5	6	bytes	A6	Station number
Date					
Month	11	2	bytes	I2	
Day	13	2	bytes	I2	
Year	15	2	bytes	I2	last two digits of year
Sediment Scale 1	17	4	bytes	F4.2	Percent of sample with $\phi$ range of -1.0 to -0.75
Sediment Scale 2	21	4	bytes	F4.2	Percent of sample with $\phi$ range of -0.75 to -0.50
Sediment Scale 3	25	4	bytes	F4.2	Percent of sample with $\phi$ range of -0.50 to -0.25
Sediment Scale 4	29	4	bytes	F4.2	Percent of sample with $\phi$ range of -0.25 to 0.0
Sediment Scale 5	33	4	bytes	F4.2	Percent of sample with $\phi$ range of 0.0 to 0.25
Sediment Scale 6	37	4	bytes	F4.2	Percent of sample with $\phi$ range of 0.25 to 0.50
Sediment Scale 7	41	4	bytes	F4.2	Percent of sample with $\phi$ range of 0.50 to 0.75

# RECORD FORMAT DESCRIPTION

RECORD NAME

Sediment Data - Type 1

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., blts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Sediment Scale 8	45	4	bytes	F4.2	Percent of sample with $\phi$ range of 0.75 to 1.00
Sediment Scale 9	49	4	bytes	F4.2	Percent of sample with $\phi$ range of 1.00 to 1.25
Sediment Scale 10	53	4	bytes	F4.2	Percent of sample with $\phi$ range of 1.25 to 1.50
Sediment Scale 11	57	4	bytes	F4.2	Percent of sample with $\phi$ range of 1.50 to 1.75
Sediment Scale 12	61	4	bytes	F4.2	Percent of sample with $\phi$ range of 1.75 to 2.00
Sediment Scale 13	65	4	bytes	F4.2	Percent of sample with $\phi$ range of 2.00 to 2.25
Sediment Scale 14	69	4	bytes	F4.2	Percent of sample with $\phi$ range of 2.25 to 2.50
Sediment Scale 15	73	4	bytes	F4.2	Percent of sample with $\phi$ range of 2.50 to 2.75
Sediment Scale 16	77	4	bytes	F4.2	Percent of sample with $\phi$ range of 2.75 to 3.00
Blank	81	4	bytes	4x	not used

# RECORD FORMAT DESCRIPTION

RECORD NAME

Sediment Data - Type 2

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"101" constant
Record type	4	1	bytes	I1	"2" constant
Station	5	6	bytes	A6	Station number
Sediment Scale 17	11	4	bytes	F4.2	Percent of sample with $\phi$ range of 3.00 to 3.25
Sediment Scale 18	15	4	bytes	F4.2	Percent of sample with $\phi$ range of 3.25 to 3.50
Sediment Scale 19	19	4	bytes	F4.2	Percent of sample with $\phi$ range of 3.50 to 3.75
Sediment Scale 20	23	4	bytes	F4.2	Percent of sample with $\phi$ range of 3.75 to 4.00
Sediment Scale 21	27	4	bytes	F4.2	Percent of sample with $\phi$ range of 4.00 to 4.25
Sand	31	4	bytes	F4.2	Percent of sample that is sand
Silt	35	4	bytes	F4.2	Percent of sample that is silt
Clay	39	4	bytes	F4.2	Percent of sample that is clay
Heavy Minerals	43	4	bytes	F4.2	Percent of sample weight that is Heavy minerals

# RECORD FORMAT DESCRIPTION

RECORD NAME Sediment Data - Type 2

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Clay Mineralogy #1	47	4	bytes	F4.2	Percent of sample weight - (Clay mineralogy) that is expandables
Clay Mineralogy #2	51	4	bytes	F4.2	Percent of sample weight - (Clay mineralogy) that is Illite
Clay Mineralogy	55	4	bytes	F4.2	Percent of sample weight (Clay mineralogy) that is Kaolinite
Blank	59	25	bytes	25x	Not used.

## RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

## D. INSTRUMENT CALIBRATION

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

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

POUD. 11/11/77

(88)

ACCESSION  
NUMBER

78-0501

## DATA DOCUMENTATION FORM

TR 3207 thru TR 3212

## 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 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

BENTHOS 504

ORIGINATOR'S TAPES  
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  
↓46 STATIONS  
25 records

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES  
L RECL = 84  
BLK SIZE = 2100  
FILE = #914379  
14382

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED  
Dr. Donald E. Harper  
Department of Marine Science  
Moody College  
Galveston, Texas 77550  
Phone (713) 744-7161 ext 242

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-ED

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

- NONE -

4. PLATFORM NAME(S)

TEXAS STAR  
SCUBA DO  
MISS CHAROLETTE5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)SHIP  
(SEE INSIDE)

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
US	US	7/76	7/76
US	US	10/76	11/76
US	US	1/77	1/77
US	US	4/77	4/77

8. ARE DATA PROPRIETARY?

☒ NO ☐ YESIF 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)

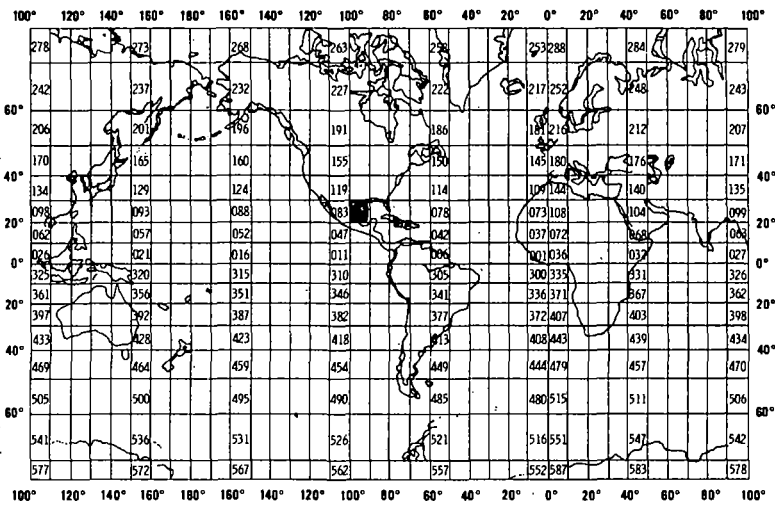
All

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 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)



# BETHOS

## DATE

7/1/76 - 7/8/76

7/14/76 - 7/22/76

10/10/76 - 10/15/76

1/17/77

1/25/77

4/77

## VESSEL

Texas Star

Texas Star

Texas Star

Miss Charolette

Miss Charolette

Scuba Do

## 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) Species  
For each station there is a Station record followed  
by a variable number of species 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 second file on tape <sup>03923</sup>~~09395~~

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

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

# RECORD FORMAT DESCRIPTION

RECORD NAME Benthos - Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"125" constant
Record type	4	1	bytes	I1	"1" constant
Station	5	4	bytes	A4	Station number
Latitude					
Degrees	9	2	bytes	I2	
Minutes	11	4	bytes	F4.2	minutes to hundreths
Longitude					
Degrees	15	2	bytes	I2	
Minutes	17	4	bytes	F4.2	Minutes to hundreths
Name	21	24	bytes	4A6	Station name
Type	45	24	bytes	4A6	Type of station i.e. - structure - field station, etc
Blank	69	16	bytes	1bX	Not used

# RECORD FORMAT DESCRIPTION

RECORD NAME

Benthos - Station

14. FIELD NAME	15. POSITION FROM +1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	"125" constant
Record type	4	1	bytes	I1	"2" constant
Station	5	4	bytes	A4	Station number
Latitude	-				
Degrees	9	2	bytes	I2	
Minutes	11	4	bytes	F4.2	Minutes to hundredths
Longitude					
Degrees	15	2	bytes	I2	
Minutes	17	4	bytes	F4.2	minutes to hundredths
Date					
Month	21	2	bytes	I2	
Year	23	2	bytes	I2	last two digits of year
Species	25	30	bytes	5A6	Species name
Number	55	5	bytes	I5	Number of individuals in sample
Blank	60	25	bytes	25X	Not used

# 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		



## RECORD FORMAT DESCRIPTION

**RECORD NAME**

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

## D. INSTRUMENT CALIBRATION

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

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

RCVD 6 OCT 77 (89) TR 3118 thru 3121  
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  
ACCESSION NUMBER 78.0501  
ORIGINAL TAPE TR 3121  
RETURNED by REQUEST  
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.

TWO  
NODC  
TAPE  
COPIES  
↓  
2506  
10066

DEMERSAL FISH 515 25 records  
98 STATIONS  
A. ORIGINATOR IDENTIFICATION  
THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS  
NODC TAPES  
LRECL = 84  
BLKSIZE = 2100  
FILE = #114

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED  
Mr. Neal Baxter  
Southeast Fisheries Center  
Galveston Laboratory  
4700 Avenue U  
Galveston, Texas 77550  
Telephone: 713-763-1211 x 532  
FTS: 527-6532

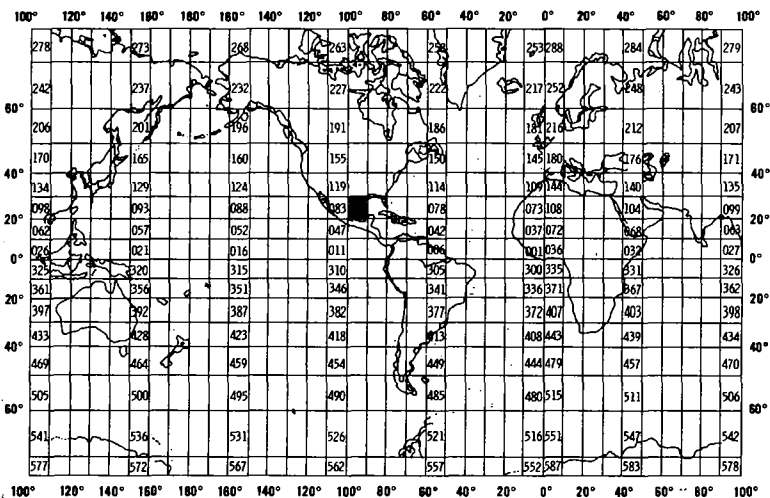
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  
Environmental Assessment of an Active Oil Field in the Northwester Gulf of Mexico, 1976-1977  
EPA-IAG-DS-E693-EO  
3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  
- NONE -

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 RACHEL CARSON (SEE INSIDE)		SHIP	US	US	6/9/76	3/7/77

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.

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



## 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)

# DEMERSAL FISH

DATE

VESSEL

5/13/76 - 5/17/76

GUS III

8/9/76 - 8/11/76

GUS III

11/15/76 - 11/19/76

GUS III

2/15/76 - 2/17/76

GUS III

# B. SCIENTIFIC TENT

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

## 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) Station 2) Species 3) Measurement. For each sample, there is a Station record followed by a variable number of species record. Each ~~Station~~ Species record is followed by a variable number of Measurement 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 37270

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

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

# RECORD FORMAT DESCRIPTION

RECORD NAME *Demersal Fish - station*

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"157" constant
Record Type	4	1	bytes	I1	"1" constant
Date					
Month	5	2	bytes	I2	
Day	7	2	bytes	I2	
Year	9	2	bytes	I2	last two digits of year
Station	11	2	bytes	A3	Station name
Latitude					
Degrees	14	2	bytes	I2	
Minutes	16	2	bytes	I2	
Seconds	18	2	bytes	I2	
Longitude					
Degrees	20	2	bytes	I2	
Minutes	22	2	bytes	I2	
Seconds	24	2	bytes	I2	
Time	26	4	bytes	I4	Start time - Central Time Zone (24 hour clock)
Duration					
Hour	30	2	bytes	I2	
Minutes	32	2	bytes	I2	
Depth	34	4	bytes	F4.1	Sample depth in meters to tenths
Gear Type	38	2	bytes	I2	Gear Type =1 Trawling =2 Trapping =3 longlining =4 Trolling =5 Gillnetting
Gear code	40	2	bytes	I2	Trapping Gear code =1 Bottom Trap =2 Floating trap

# RECORD FORMAT DESCRIPTION

RECORD NAME Demersal Fish - Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Speed	42	2	bytes	I2	Vessel speed in knots
Total Caught	44	4	bytes	I4	Total number of individuals caught
Total Weight	48	8	bytes	F8.1	Weight of catch in kilograms to tenths
Number of Species	56	3	bytes	I3	Number of different species in catch
Subsample Weight	59	7	bytes	F7.1	Weight of subsample in kilograms to tenths
blank	66	19	bytes	19X	Not used

# RECORD FORMAT DESCRIPTION

RECORD NAME

Demersal Fish - Species

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., blts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"157" constant
Record Type	4	1	bytes	I1	"1" constant
Date					
Month	5	2	bytes	I2	
Day	7	2	bytes	I2	
Year	9	2	bytes	I2	last two digits of year
Station	11	3	bytes	A3	station name (must agree with station record)
Species Sample Number	14	3	bytes	I3	Sample number of species
Species	18	9	bytes	I9	Bionumeric Code
Gear Type	27	1	bytes	I1	Gear type (coded)
Gear Code	28	1	bytes	I1	Gear code (coded)
Species Weight	29	5	bytes	F5.1*	Total Weight of individuals in sample of specified species in grams to tenths
MEASURED INDIVIDUALS					
Length	34	5	bytes	I5	Length of measured individual in millimeters
Weight	39	5	bytes	F5.1*	Weight of measured individual in grams to tenths
NOTE: Up to three additional length/weight measurements may be entered on this record					
Number in Sample	74	4	bytes	I4	Total Number of individuals in sample of specified species
blank	78	7	bytes	7X	Not used
* - A minus sign in the first column of weight field indicates weight in Kilograms instead of grams.					

# RECORD FORMAT DESCRIPTION

RECORD NAME Demersal Fish - Measurement

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>File Type</u>	<u>1</u>	<u>3</u>	<u>bytes</u>	<u>I3</u>	<u>"157" constant</u>
<u>Record Type</u>	<u>4</u>	<u>1</u>	<u>bytes</u>	<u>I1</u>	<u>"3" constant</u>
<u>Date</u>					
<u>Month</u>	<u>5</u>	<u>2</u>	<u>bytes</u>	<u>I2</u>	
<u>Day</u>	<u>7</u>	<u>2</u>	<u>bytes</u>	<u>I2</u>	
<u>Year</u>	<u>9</u>	<u>2</u>	<u>bytes</u>	<u>I2</u>	<u>Last two digits of year</u>
<u>Station</u>	<u>11</u>	<u>3</u>	<u>bytes</u>	<u>A3</u>	<u>Station name (must agree with Station and Species records)</u>
<u>Species Sample Number</u>	<u>14</u>	<u>3</u>	<u>bytes</u>	<u>A3</u>	<u>Sample number of species (Must agree with Species Record)</u>
<b>MEASURED INDIVIDUALS</b>					
<u>Length</u>	<u>17</u>	<u>5</u>	<u>bytes</u>	<u>I5</u>	<u>Length of measured individual in millimeters</u>
<u>Weight</u>	<u>22</u>	<u>5</u>	<u>bytes</u>	<u>F5.1*</u>	<u>Weight of measured individual in grams to tenths</u>
<p><b>NOTE:</b> Up to five additional length/weight measurements can be entered in this record</p> <p>As many Measurement records can be used as necessary to complete the length/weight measurements</p>					
<u>Gear Type</u>	<u>77</u>	<u>1</u>	<u>bytes</u>	<u>I1</u>	<u>Gear type (coded)</u>
<u>Gear Code</u>	<u>78</u>	<u>1</u>	<u>bytes</u>	<u>I1</u>	<u>Gear code (coded)</u>
<u>blank</u>	<u>79</u>	<u>6</u>	<u>bytes</u>	<u>6X</u>	<u>Not used</u>
<p>* - A minus sign in the first column of the weight field indicates weight in Kilograms instead of grams.</p>					

## D. INSTRUMENT CALIBRATION

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

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

RCVD

(2)

(90)

ACCESSION  
NUMBER

78-0501

6 OCT 77

## DATA DOCUMENTATION FORM

TR3123 thru

TR3134

## 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 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

BIRD DATA - 575

ORIGINATOR'S TAPES  
RETURNED BY REQUEST

58 UNITS

(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

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES  
L RECL = 84  
BLK SIZE = 2100  
FILE = #22506  
10066

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Dr. Gleen Aumann  
Department of Biology  
University of Houston  
Houston, Texas 77004

Telephone: 713-749-4602

25 records

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-IA6-DS-E693-EO

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

-NONE-

4. PLATFORM NAME(S)

GUS III  
SEABOB5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

SHIP

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
US	US	8/16/76	8/23/76
US	US	7/10/76	7/29/76
US	US	9/4/76	9/12/76
US	US	12/18/76	1/9/77

8. ARE DATA PROPRIETARY?

☒ NO ☐ YESIF 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)?

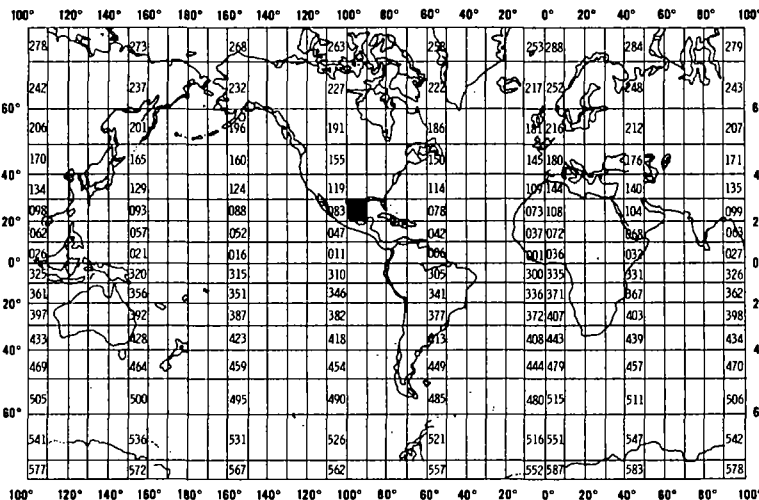
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

☐ NO ☒ YES ☐ PART (SPECIFY BELOW)

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



## 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)



# BIRD DATA

DATE	VESSEL
5/15/76 - 5/16/76	GUS <u>III</u>
5/22/76 - 5/23/76	GUS <u>III</u>
7/10/76 - 7/11/76	SEABOB
7/22/76	SEABOB
7/24/76 - 7/25/76	SEABOB
7/29/76	SEABOB
9/4/76 - 9/5/76	GUS <u>III</u>
9/8/76	GUS <u>III</u>
9/11/76 - 9/12/76	GUS <u>III</u>
9/17/76	SEABOB
12/16/76 - 12/19/76	RACHAEL CARSON
1/8/77 - 1/9/77	PELICAN

## 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 is only one record type. 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 a single end of file

This file is the second file on tape 37270

3. ATTRIBUTES AS EXPRESSED IN
- |   |                                |                                |
|---|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1               | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input checked="" type="checkbox"/> FORTRAN | <input type="checkbox"/> _____ | 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

<p>5. RECORDING MODE</p> <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> SEVEN</td> </tr> <tr> <td><input type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>7. PARITY</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input checked="" type="checkbox"/> EVEN</td> </tr> </table> <p>8. DENSITY</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input checked="" type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<input checked="" type="checkbox"/> SEVEN	<input type="checkbox"/> NINE	<input type="checkbox"/> _____	<input type="checkbox"/> ODD	<input checked="" type="checkbox"/> EVEN	<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input checked="" type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; font-size: 1.2em;">2100</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center; font-size: 1.5em;">6</p>
<input checked="" type="checkbox"/> BCD	<input type="checkbox"/> BINARY																			
<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC																			
<input type="checkbox"/> _____																				
<input checked="" type="checkbox"/> SEVEN																				
<input type="checkbox"/> NINE																				
<input type="checkbox"/> _____																				
<input type="checkbox"/> ODD																				
<input checked="" type="checkbox"/> EVEN																				
<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI																			
<input type="checkbox"/> 556 BPI																				
<input checked="" type="checkbox"/> 800 BPI																				
<input type="checkbox"/> _____																				

# RECORD FORMAT DESCRIPTION

RECORD NAME: Bird Data

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"105" constant
Date					
Month	4	2	bytes	I2	
Day	6	2	bytes	I2	
Year	8	2	bytes	I2	Last two digits of year
* Location	10	2	bytes	A2	PA = Platform A PB = Platform B CX = Control Area X CY = Control Area Y
Species	12	24	bytes	4A6	Scientific name of species. A 4 in column 12 indicates an unidentified species
TIME INTERVAL 0600-0959					
Dead	36	2	bytes	I2	Number dead
Captured	38	2	bytes	I2	Number captured
Platform	40	2	bytes	I2	Number on platform
Flying					
Number	42	4	bytes	I4	Number flying
Direction	46	2	bytes	A2	Direction flying (coded) N = North NE = Northeast NW = Northwest S = South SE = Southeast SW = Southwest E = East W = West AP = Approaching

# RECORD FORMAT DESCRIPTION

## Bird Data

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		
<b>TIME INTERVAL 1000-1350</b>					
Dead	48	2	bytes	I2	Number dead
Captured	50	2	bytes	I2	Number captured
Platform	52	2	bytes	I2	Number on platform
Flying Number	54	4	bytes	I4	Number flying
Direction	58	2	bytes	A2	Direction flying (coded)
<b>TIME INTERVAL 1400-1759</b>					
Dead	60	2	bytes	I2	Number dead
Captured	62	2	bytes	I2	Number captured
Platform	64	2	bytes	I2	Number on platform
Flying Number	66	4	bytes	I4	Number flying
Direction	<del>70</del>	2	bytes	A2	Direction flying (coded)
<b>TIME INTERVAL 1800-2159</b>					
Dead	72	2	bytes	I2	Number dead
Captured	74	2	bytes	I2	Number captured
Platform	76	2	bytes	I2	Number on platform
Flying Number	78	4	bytes	I4	Number flying
Direction	82	2	bytes	A2	Direction flying (coded)

\* The Latitude and longitude for the location codes are

	latitude	longitude
Platform A	28° 53.5' N	94° 41.7' W
Platform B	28° 52.0' N	94° 41.8' W
Control Area X	28° 55.5' N	94° 37.5' W
Control Area Y	28° 47.7' N	94° 45.8' W

# 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		



RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

## D. INSTRUMENT CALIBRATION

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

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

RECD 6 OCT 77

(91)

ACCESSION  
NUMBER

78-0501

# EPA/BUCCANEER OIL FIELD

## 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

### DRIFT BOTTLES 121

### ORIGINATOR'S TAPES RETURNED

(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  
COPIES  
↓

## 975 RELEASED

### A. ORIGINATOR IDENTIFICATION

NODC TAPES 2506  
L RECL = 84  
BLK SIZE = 2100 1066  
FILE = #3

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 John Martin National Marine Fisheries Service Galveston Laboratory 4700 Avenue U Galveston, Texas 77550		Telephone: 713-763-1211, x 507 FTS: 527-6507 25 records	
---	--	---	--

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-E0		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 00176 00676 01176 00277 00276 00776 01276 00377 00376 00876 01376 00476 00976 01476 00576 01076 00177	
---	--	---	--

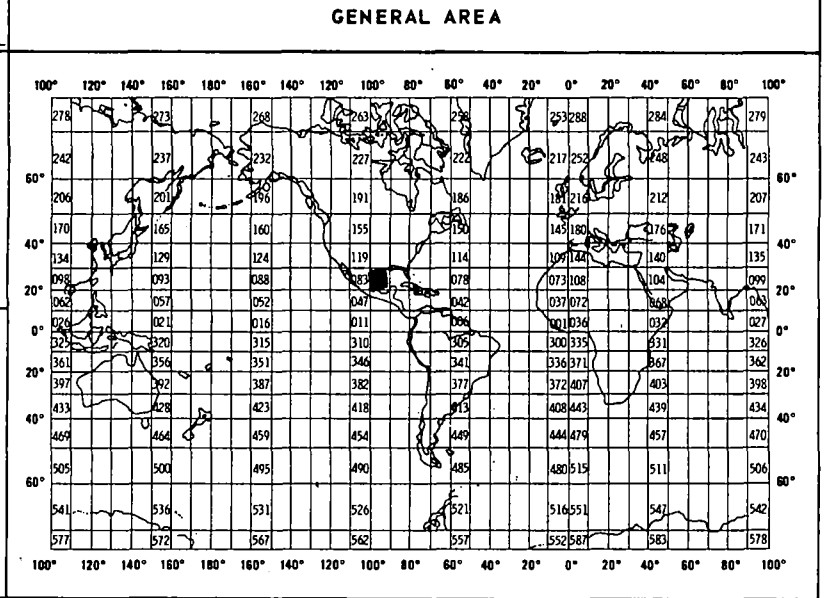
4. PLATFORM NAME(S) GUS III TEXAS STAR SEABOB KINGFISH PELICAN	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) US US		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 5/24/76 3/3/77	
---	---	--	--	---	--

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.

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



## 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)

## DRIET

## BOTTLE

## CRUISE

## DATE

## VESSEL

176	5/24/76 - 5/29/76	GUS <u>III</u>
276	6/11/76	SEABOB
376	7/1/76 - 7/2/76	SEABOB
476	7/7/76	SEABOB
576	7/13/76	SEABOB
676	7/20/76	SEABOB
776	7/27/76	SEABOB
876	8/10/76 - 8/12/76	GUS <u>III</u>
976	8/16/76 - 8/21/76	GUS <u>III</u>
1076	8/31/76	GUS <u>III</u>
1176	9/23/76	KINGFISH
1276	10/18/76	KINGFISH
1376	11/11/76	RACHAEL CARSON
1476	11/30/76 - 12/4/76	GUS <u>II</u>
177	1/17/77 - 1/18/77	GUS <u>III</u>
277	2/18/77	OREGON <u>II</u>
377	2/19/77 - 2/26/77	OREGON <u>II</u>

## 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 is only one record type. Each Physical record on tape contains 2100 bytes and consists 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 a end of file.

This file is the third file on tape 37270

3. ATTRIBUTES AS EXPRESSED IN
- |   |                                |                                |
|---|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1               | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input checked="" type="checkbox"/> FORTRAN | <input type="checkbox"/> _____ | 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

<p>5. RECORDING MODE</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input checked="" type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>	
<input checked="" type="checkbox"/> BCD	<input type="checkbox"/> BINARY							
<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC							
<input type="checkbox"/> _____								
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> SEVEN</td> </tr> <tr> <td><input type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input checked="" type="checkbox"/> SEVEN	<input type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>				
<input checked="" type="checkbox"/> SEVEN								
<input type="checkbox"/> NINE								
<input type="checkbox"/> _____								
<p>7. PARITY</p> <table border="0"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input checked="" type="checkbox"/> EVEN</td> </tr> </table>	<input type="checkbox"/> ODD	<input checked="" type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p>					
<input type="checkbox"/> ODD								
<input checked="" type="checkbox"/> EVEN								
<p>8. DENSITY</p> <table border="0"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input checked="" type="checkbox"/> 800 BPI		<input type="checkbox"/> _____	
<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI							
<input type="checkbox"/> 556 BPI								
<input checked="" type="checkbox"/> 800 BPI								
<input type="checkbox"/> _____								
	<p>12. PHYSICAL BLOCK LENGTH IN BYTES <div style="text-align: center; font-size: 1.2em;">2100</div></p>							
	<p>13. LENGTH OF BYTES IN BITS <div style="text-align: center; font-size: 1.5em;">6</div></p>							

# RECORD FORMAT DESCRIPTION

RECORD NAME Drift Bottle Release/Recovery Log

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"150" constant
Cruise	4	5	bytes	A5	Cruise identification
Bottle Number	9	5	bytes	I5	Bottle number
Ballast	14	1	bytes	A1	ballast (coded) Y = yes N = no
Release Date					
Year	15	2	bytes	I2	Last two digits of year
Month	17	2	bytes	I2	
Day	19	2	bytes	I2	
Release Latitude					
Degrees	21	2	bytes	I2	To tenths
Minutes	23	4	bytes	F4.1	
Release Longitude					
Degrees	27	2	bytes	I2	To tenths
Minutes	29	4	bytes	F4.1	
Recovery Date					
Year	33	2	bytes	I2	Last two digits of year
Month	35	2	bytes	I2	
Day	37	2	bytes	I2	
Recovery Latitude					
Degrees	39	2	bytes	I2	To tenths
Minutes	41	4	bytes	F4.1	
Recovery Longitude					
Degrees	45	2	bytes	I2	To tenths
Minutes	47	4	bytes	F4.1	
Days Out	51	3	bytes	I3	Number of days between release and recovery

# RECORD FORMAT DESCRIPTION

RECORD NAME

Drift Bottle Release/Recovery Log

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Distance	54	6	bytes	F6.1	Straight line distance traveled in km to tenths
Rate	60	4	bytes	F4.1	Rate in km/day to tenths
blank	64	21	bytes	21X	not used

## RECORD NAME

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

## RECORD FORMAT DESCRIPTION

RECORD NAME

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

## D. INSTRUMENT CALIBRATION

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

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

RCUD 6 OCT 77

(92)

ACCESSION  
NUMBER

78-0501

# EPA/BUCCANEER OIL DATA DOCUMENTATION FORM

TR3139 thru TR3151

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

PELAGIC FISH  
515

ORIGINATOR'S TAPES  
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

70 STATIONS  
25 records

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NODC TAPES  
L RECL = 84  
BLK SIZE = 2100  
FILE = #4

2506  
10066

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Dr. Lee Trent  
National Marine Fisheries  
Panama City Laboratory  
P.O. Box 4218  
Panama City, Florida 32401

TELEPHONE: 904 - 234 - 6541  
FTS 946 - 4232

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

Environmental Assessment of an  
Active Oil Field in the Northwest Gulf  
of Mexico, 1976-1977  
EPA-IAG-DS - E698-EO

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

- NONE -

4. PLATFORM NAME(S)

SEABOB  
PELICAN  
GUB III  
KING FISH

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

(SEE INSIDE)  
SHIP

6. PLATFORM AND OPERATOR

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
US	US	6/9/76	6/11/76
US	US	8/2/76	8/6/76
US	US	9/18/76	9/20/76
US	US	11/1/76	12/17/76
US	US	1/21/77	2/7/77

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)?

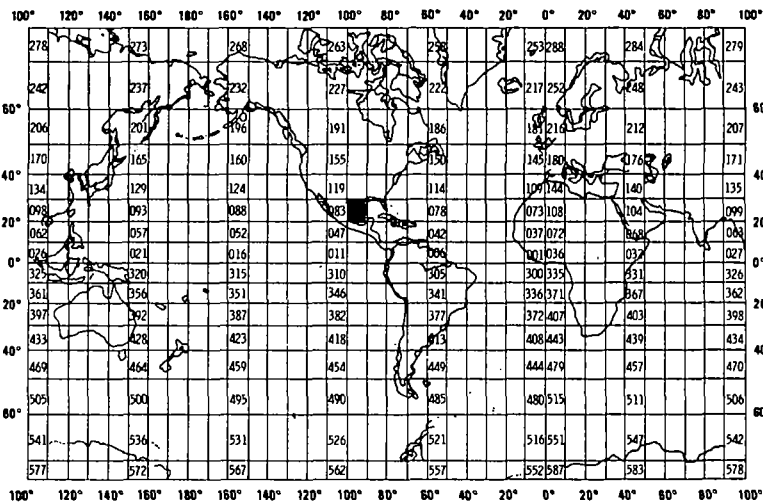
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

☐ NO ☒ YES ☐ PART (SPECIFY BELOW)

All

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

GENERAL AREA



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)



# PELAGIC FISH

<u>DATE</u>	<u>VESSEL</u>
/ 6/9/76 - 6/11/76	SEABOB
/ 8/2/76 - 8/6/76	KINGFISH
/ 8/31/76	GUS III
/ 9/12/76	RACHAEL CARSON
/ 9/23/76 - 9/24/76	KINGFISH
11/1/76	PELICAN
11/6/76	PELICAN
/ 11/23/76	PELICAN
/ 12/3/76	PELICAN
12/16/76 - 12/17/76	RACHAEL CARSON
/ 1/21/77	PELICAN
/ 2/13/77	PELICAN
/ 3/7/77	PELICAN

# 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			

## 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) Station 2) Species 3) Measurement  
For each sample, there is a Station record followed by a variable number of Species records. Each ~~Station~~ Species record is followed by a variable number of Measurement 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 a single end of file.

This file is the fourth file on tape 37270

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

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

# RECORD FORMAT DESCRIPTION

RECORD NAME, Pelagic Fish - Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"157" constant
Record Type	4	1	bytes	I1	"1" constant
Date					
Month	5	2	bytes	I2	
Day	7	2	bytes	I2	
Year	9	2	bytes	I2	Last two digits of year
Station	11	3	bytes	A3	Station name
Latitude					
Degrees	14	2	bytes	I2	
Minutes	16	2	bytes	I2	
Seconds	18	2	bytes	I2	
Longitude					
Degrees	20	2	bytes	I2	
Minutes	22	2	bytes	I2	
Seconds	24	2	bytes	I2	
Time	26	4	bytes	I4	start time - Central Time Zone (24 hour clock)
Duration					
Hours	30	2	bytes	I2	
Minutes	32	2	bytes	I2	
Depth	34	4	bytes	F4.1	Sample depth in meters to tenths
Gear Type	38	2	bytes	I2	Gear Type = 1 Trawling = 2 Trapping = 3 Longlining = 4 Trolling = 5 Gillnetting
Gear Code	40	2	bytes	I2	Trapping Gear Code = 1 Bottom trap = 2 Floating trap
Speed	42	2	bytes	I2	Vessel speed in knots
Total Caught	44	4	bytes	I4	Total number of individuals caught

# RECORD FORMAT DESCRIPTION

RECORD NAME

*Pelagic Fish - Station*

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Total Weight	48	8	bytes	F8.1	Weight of catch in Kilograms to tenths
Number of Species	56	3	bytes	I3	Number of different Species in catch
Subsample Weight	59	7	bytes	F7.1	Weight of subsample in kilograms to tenths
Blank	66	19	bytes	19X	Not used

# RECORD FORMAT DESCRIPTION

RECORD NAME

*Pelagic Fish - Species*

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., blts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"157" constant
Record Type	4	1	bytes	I1	"2" constant
Date					
Month	5	2	bytes	I2	
Day	7	2	bytes	I2	
Year	9	2	bytes	I2	last two digits of year
Station	11	3	bytes	A3	Station name (must be same as on Station record)
Species Sample Number	14	3	bytes	I3	Sample number of species
Species	18	9	bytes	I9	Bionumeric Code
Gear Type	27	1	bytes	I1	Gear type (coded)
Gear Code	28	1	bytes	I1	Gear Code (coded)
Species Weight	29	5	bytes	F5.1*	Total weight of individuals in sample of specified species in grams to tenths
<b>MEASURED INDIVIDUALS</b>					
Length	34	5	bytes	I5	Length of measured individuals in millimeters
Weight	39	5	bytes	F5.1*	Weight of measured individual in grams to tenths
<b>NOTE: Up to three additional length/weight measurements may be entered in this record</b>					
Number in Sample	74	4	bytes	I4	Total number of individuals in sample of specified species
blank	78	7	bytes	TX	Not used
* - A minus sign in the first column of weight field indicates weight in Kilograms instead of grams					



# RECORD FORMAT DESCRIPTION

RECORD NAME

Pelagic Fish - Measurement

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I 3	"157" constant
Record Type	4	1	bytes	I 1	"3" constant
Date					
Month	5	2	bytes	I 2	
Day	7	2	bytes	I 2	
Year	9	2	bytes	I 2	Last two digits of year
Station	11	3	bytes	A 3	Station name (must agree with Station and Species Records)
Species Sample Number	14	3	bytes	A 3	Sample number of species (Must agree with Species record)
MEASURED INDIVIDUALS					
Length	17	5	bytes	I 5	Length of measured individual in millimeters
Weight	22	5	bytes	F 5.1*	Weight of measured individual in grams to tenths
<p><u>NOTE:</u> Up to five additional length/weight measurements can be entered in this record.</p> <p>As many Measurement records can be used as necessary to complete length/weight measurements</p>					
Gear Type	77	1	bytes	I 1	Gear type (coded)
Gear Code	78	1	bytes	I 1	Gear code (coded)
blank	79	6	bytes	6X	not used
<p>* - A minus sign in the first column of weight field indicates weight in kilograms instead of grams</p>					

## D. INSTRUMENT CALIBRATION

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

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

PCVD: 30 AUG 77

(93)

ACCESSION  
NUMBER

18-050-1

EPA/DOF A:2:15 DATA DOCUMENTATION FORM  
BUCCANEER OIL FIELD

TR 3135 thru

TR 3138

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

ICHTHYOPLANKTON  
(52)

ORIGINAL 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  
COPIES  
↓

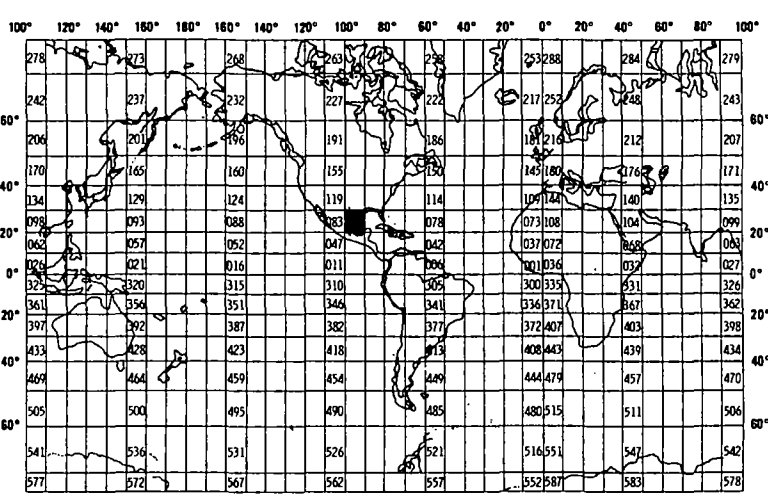
5.8 TOWS  
28 records

A. ORIGINATOR IDENTIFICATION

NODC TAPES  
LRECL=84  
BLKSIZE=2100  
FILE #5

2546  
10066

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 H. Finucane National Marine Fisheries Service Panama City Laboratory P.O. Box 4218 Panama City, FL 32401 telephone 904-234-6541 FTS-946-4232			
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-1AG-DS-E693-EO		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 01 02 03 04	
4. PLATFORM NAME(S) GUS III OREGON II (SEE INSIDE)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) US US US US US US	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 5/24/76 5/25/76 8/16/76 8/17/76 12/3/76 12/4/76 2/19/77 2/19/78
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 7 GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW) ALL			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) SAME AS Item 1			

## 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)

# ICHTHYOPLANKTON

CRUISE

DATE

VESSEL

1

5/24/76 - 5/25/76

GUS III

2

8/16/76 - 8/17/76

GUS III

3

12/3/76 - 12/4/76

GUS III

4

2/19/77

OREGON II

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
Water Filtered	m <sup>3</sup>	General Oceanics digital flowmeter	MARMAP I <del>Ichthyoplankton</del> procedures	-
Displacement Volume	ml	Ventch plankton volume gauge Model-024WA100	MARMAP I Ichthyoplankton procedures	
Bionumeric Code	NOAA Technical Report NMFS SSR-Fish No. 659			

## 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 is only one record type. Each physical record on tape ~~contains~~ contains 2100 bytes. Each physical record contains 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 a single end of file.

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

<b>5. RECORDING MODE</b> <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input checked="" type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
<b>7. PARITY</b> <input type="checkbox"/> ODD <input checked="" type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b> HillmanHolley NFEL Slidell Compute Center, Slidell, LA. File I.D. TIEDS3 Ichthyoplankton Archive Data
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> 2100	
<b>13. LENGTH OF BYTES IN BITS</b> 6	

# RECORD FORMAT DESCRIPTION

RECORD NAME: Ichthyoplankton

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	I3	"102" - constant
Gear Type	4	2	bytes	I2	Collection gear = 1, Neuston Net = 2, Bongo net, 333 $\mu$ mesh = 3, Bongo net, 505 $\mu$ mesh = 4, 1 meter Net, 250 $\mu$ mesh - day = 5, 1 meter net, 250 $\mu$ mesh - night
Cruise	6	3	bytes	A3	Cruise number
Day	9	2	bytes	I2	Day of cruise
Month	11	2	bytes	I2	Month of cruise
Year	13	2	bytes	I2	Last two digits of year of cruise
Latitude	15	2	bytes	I2	
Degrees	15	2	bytes	I2	
Minutes	17	2	bytes	I2	
Seconds	19	2	bytes	I2	
Longitude					
Degrees	21	2	bytes	I2	
Minutes	23	2	bytes	I2	
Seconds	25	2	bytes	I2	
Time	27	4	bytes	I4	Start time (Central Time Zone) of tow (24 hour clock)
Tow Duration					
Minutes	31	2	bytes	I2	
Seconds	33	2	bytes	I2	

# RECORD FORMAT DESCRIPTION

RECORD NAME Ichthyoplankton

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>bytes</u> (e.g., blfs, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Species	35	9	bytes	I9	Bionumeric code 99999999 = unknown
Number Caught	44	5	bytes	I5	Number of individuals caught
Minimum Size	49	4	bytes	F4.1*	Size of smallest individual in mm to tenths
Maximum Size	53	4	bytes	F4.1*	Size of largest individual in mm to tenths
Mean Size	57	4	bytes	F4.1*	Mean size in mm to tenths
** Displacement Volume	61	4	bytes	F4.1*	Displace volume of sample in ml to tenths
** Water Filtered	65	4	bytes	F4.1*	Volume of water filtered during tow in m <sup>3</sup> to tenths
** Eggs	69	6	bytes	I6*	Number of fish eggs in sample
blank	75	9	bytes	9X	blank
* Decimal place is IMPLIED; "Decimal point" is not present					
** These fields should be filled out only on first record of each tow					

# 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		

## RECORD FORMAT DESCRIPTION

RECORD NAME

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

## D. INSTRUMENT CALIBRATION

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

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED  (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
General Oceanics Digital Flowmeter	N/A	✓			✓				
Yentsch plankton volume gauge Model-024WA100	N/A	✓			✓				