

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8000461	TV5950	F005	0096	3111	317F	BUCC	07/26/78	08/30/78	1	846
8000461	TV5951	F005	0096	3111	317F	BUCC	07/26/78	08/30/78	1	846
8000461	TV5952	F005	0096	3111	317F	BUCC	07/26/78	08/30/78	1	846
8000461	TV5953	F005	0096	3111	317F	BUCC	02/14/79	03/20/79	1	823
8000461	TV5954	F005	0096	3111	317F	BUCC	02/14/79	03/20/79	1	823
8000461	TV5955	F005	0096	3111	317F	BUCC	02/14/79	03/20/79	1	823
8000461	TV5956	F005	0096	3111	317F	BUCC	03/23/76	12/29/76	1	5,456
8000461	TV5957	F005	0096	3111	317F	BUCC	12/18/75	10/11/76	1	5,233
8000461	TV5958	F005	0096	3111	317F	BUCC	03/23/76	10/29/76	1	4,120

| 9,816

07/23/91

TO: E/OC12 - Douglas Hamilton

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Current Meters

(F005)

Acc: 8000461 Ref: TV5950 - TV5958 9 sta. 19,816 rec.

NOAA-NMFS/NSTL

(Buccaneer Oil Field)

ACCESSION NO. 8000461FILETYPE F005

TRACK NO. _____

PROJECT

IDENTIFICATION

0096

TV5950-5958

BUCCANEER OIL

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6-24-80	FJM	D00837(A01450)	9	60	60	32,148
DUPLICATE TAPE	6-18-91	FJM	W18787*	9	60	6000	↓
REFORMATTED TAPE	7-23-91	R.P.S.	W00600**	1	60	6000	19,816
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* = NL, 1600 b.p.i., ASCII

** = LABEL: DNODC*BUCC005OUT.

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

BUCCANEER OIL FIELD

(79)

ACCESSION
NUMBER

DATA DOCUMENTATION FORM

8000461

RCD: 12 JAN 79

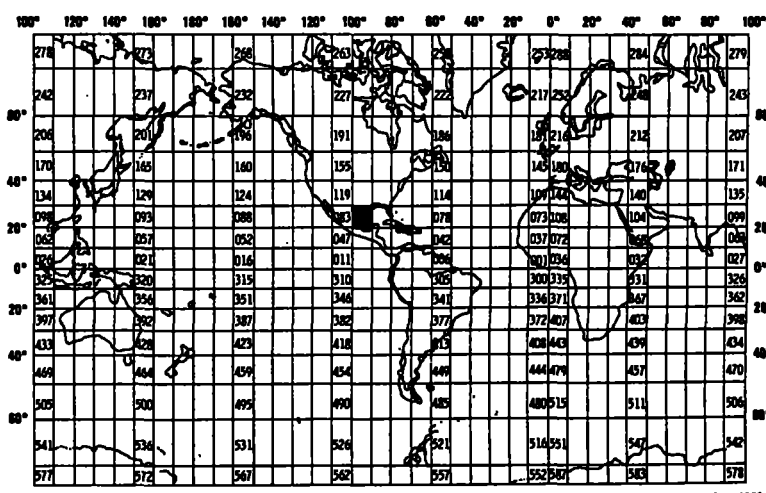
NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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

35197 CURRENT METER / WIND RECORDS
(1, NL)NODC TAPE
5743LABEL=(14, SL.
84X 2100DSN=
BUCCAN. YR77/YR78

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Mr. Reed Armstrong NATIONAL MARINE FISHERIES SERVICE ATLANTIC ENVIRONMENTAL GROUP RR74, Box 522A NARRAGANSETT, RI 02882		TELEPHONE: 401-789-9326 FTS: 838-7142	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED ENVIRONMENTAL ASSESSMENT OF AN ACTIVE OIL FIELD IN THE NORTHWESTERN GULF OF MEXICO 1977-1978 EPA-IAG-DS-E693-EO		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT —	
4. PLATFORM NAME(S) SHELL BUCCANEER "A"	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) OIL PLATFORM	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR US US	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 12/12/75 12/29/76
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) SAME AS ITEM 1			

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
WIND SPEED WIND DIRECTION	M/SEC DEGREES	BENDIX MODEL 120 AEROVANE WITH A POTENTIOMETRIC DIRECTION SENSOR		
CURRENT SPEED CURRENT DIRECTION	CM/SEC DEGREES	MARSH-McBIRNEY MODEL 724 ELECTROMAGNETIC CURRENT METER		

C. DATA FORMAT

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

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

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

EACH PHYSICAL RECORD ON TAPE CONTAINS 2100 BYTES AND CONSISTS
OF 25 LOGICAL RECORDS AS DESCRIBED IN SECTION 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

THIS FILE IS THE ONLY FILE ON TAPE 35197

3. ATTRIBUTES AS EXPRESSED IN
- | | | |
|---|---|--------------------------------|
| <input checked="" 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 601-688-3102 (FTS-494-3102)

ADDRESS NMFS, NATIONAL SPACE TECHNOLOGY LABORATORIES

NSTL STATION, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>					
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<p>7. PARITY</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCL. ORIGINATOR NAME AND SOME LAY SPECIFICA OF DATA TYPE, VOLUME NUMBER)</p> <p style="font-size: 1.2em;">ARCHIVAL TAPE 2</p> <p style="font-size: 1.2em;">NFEL002 - 35197</p> <p style="font-size: 1.2em;">H. HOLLEY</p>						
<input type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="font-size: 1.2em;">2100</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="font-size: 1.2em;">6</p>
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

RECORD FORMAT DESCRIPTION

CORD NAME CURRENT METER AND WIND RECORDS - HEADER

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	A3	"005" Constant
DATE	4	6	BYTES	3I2	LAST TWO DIGITS OF YEAR, MONTH AND DAY WHEN FILE CREATED
RECORD TYPE	10	1	BYTES	A1	"1" Constant
STATION	11	5	BYTES	A5	STATION IDENTIFIER
SEQUENCE	16	1	BYTES	I1	FILE HEADER NUMBER
TEXT	17	44	BYTES	44A1	COMMENTS

RECORD FORMAT DESCRIPTION

RECORD NAME CURRENT METER AND WIND RECORDS - STATION

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

RECORD FORMAT DESCRIPTION

RECORD NAME CURRENT METER AND WIND RECORDS - DATA

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	A3	"005" CONSTANT
DATE	4	6	BYTES	3I2	LAST TWO DIGITS OF YEAR, MONTH AND DAY WHEN FILE CREATED
RECORD TYPE	10	1	BYTES	A1	"3" CONSTANT
STATION	11	5	BYTES	A5	STATION IDENTIFIER
DATE	16	9	BYTES	3I3	YEAR, MONTH AND DAY WHEN DATA COLLECTED
TIME	25	4	BYTES	I4	TIME IN HOURS TO HUNDREDTHS
WIND INDICATOR	29	1	BYTES	I1	CODE 0 = NO DATA 1 = DATA
WIND DIRECTION	30	3	BYTES	I3	DIRECTION <u>TOWARD</u> IN WHOLE DEGREES
WIND SPEED	33	4	BYTES	I4	WIND SPEED IN METERS/SECOND
CM1 INDICATOR	37	1	BYTES	I1	CODE 0 = NO DATA 1 = DATA
CM1 DIRECTION	38	3	BYTES	I3	DIRECTION TOWARD IN WHOLE DEGREES
CM1 SPEED	41	4	BYTES	I4	CURRENT SPEED IN CM/SEC.

RECORD FORMAT DESCRIPTION

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

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

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

6/24

39

ACCESSION
NUMBER

DATA DOCUMENTATION FORM

8000461

FILE 26

NOAA FORM 24-13
(4-72)

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

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

BUCCANEER OIL FIELD

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

CONTINUOUS CURRENT METER

4997 RECORDS

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Larry Danek NALCO Environmental Service 1500 Frontage Road Northbrook, Illinois 60062 (312) 564-0700			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico, 1978-1979 EPA-IAG-DS-E693-EO		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT SUMMER WINTER	
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	
		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 7/26/78 8/30/78 2/14/79 3/20/79	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 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)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Same as Item-1			

B. SCIENTIFIC CONTENT

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

C. DATA FORMAT

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

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

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

The 1st 11 records are position records, followed by 2 comment records, followed by a variable number of Depth records. Each depth record is followed by a variable number of Observation records. Each physical record on tape contains 2000 bytes and consists of 25 logical records as described in Section 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

This file is the 26th file on tape #25766

3. ATTRIBUTES AS EXPRESSED IN

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Hillman Holley 601-688-3102 (FTS 494-3102)

ADDRESS National Marine Fisheries Service

National Space Technology Laboratories

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

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

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (COMMENTS)

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		
Record Type	1	1	bytes	A1	"A"-constant
Comments	2	78	bytes	13 A6	Comments about file.

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (POSITION)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Station	1	3	bytes	A3	Station name/number
Latitude	10	4	bytes	2X I2, 1XF5.2	Latitude in degrees and minutes (to hundredths)
Longitude	14	11	bytes	2X I3, 1XF5.2	Longitude in degrees and minutes (to hundredths)
Comments	25	42	bytes	7A6	Comments about Station

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (OBSERVATION)

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

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (DEPTH)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Record Type	1	1	bytes	A1	"B"- constant
Comments	2	170	bytes	2A6, A5	"CURRENT METER" - constant
Cruise	10	6	bytes	A6	Cruise name/number
Station	25	5	bytes	A5	Station name/number
Date - Start	30	4	bytes	2I2	Month and day of start of experiment
End	34	6	bytes	3I2	Month, day, and year at end of experiment
Depth	40	5	bytes	F5.1	Depth in meters

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 (✓)	

REFERENCE NO.

LETTER TRANSMITTING DATA

TO:

FRANCIS MITCHELL
NODC
PAGE 1 Room 430

DATA AS LISTED BELOW WERE FORWARDED TO YOU
BY (Check):☐ ORDINARY MAIL☐ AIR MAIL☐ REGISTERED MAIL☐ EXPRESS☐ GBL (Give number) _____

DATE FORWARDED

Feb 10, 1982

NUMBER OF PACKAGES

1

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

TAPE B20155 CONTAINS the CONTINUOUS CURRENT METER
DATA COLLECTED FOR THE BUCCANEER GAS AND OIL FIELD PROJECT
IN NODC 005 ARCHIVE FORMAT. TAPE IS 1600 BPI, 9 track
FIXED RECORD AND BLOCKSIZE (60-60)

FROM: (Signature)

Fred Overdale

RECEIVED THE ABOVE

(Name, Division, Date)

Return receipted copy to:

B20155

FILE #1

7-26-78 — 8-20-78

841 records of current data + 4 header records

PCR>
PCR>
[00080 LINES READ IN]
[PAGE 0]
*P 10

0058202041BUCC 1CONTINUOUS CURRENT METERS-45M SOUTH OF
0058202041BUCC 2QUARTERS SECTION PLATFORM B
0058202041BUCC 3BUCCANEER OIL AND GAS FIELD
0058202042BUCC 285201N 944153W 45 200
0058202043BUCC 78 7261500119 32
0058202043BUCC 78 7261600113 32
0058202043BUCC 78 7261700101 35
0058202043BUCC 78 7261800 99 40
0058202043BUCC 78 7261900 95 46

*REN 9
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
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[00080 LINES READ IN]

[PAGE 0]
*REN
[00045 LINES READ IN]
[PAGE 1]

*BOG TOM
0058202043BUCC 78 8301500233 5
*MP -5
0058202043BUCC 78 8301000337 5
*P 10
0058202043BUCC 78 8301000337 5
0058202043BUCC 78 8301100347 4
0058202043BUCC 78 8301200 20 4
0058202043BUCC 78 8301300315 3
0058202043BUCC 78 8301400223 5
0058202043BUCC 78 8301500233 5

[*END*]
*KILL
[EXIT]

PCR>EDI DP1:005.DAT;16
[00080 LINES READ IN]
[PAGE 0]
*P 10

0058202041BUCC 1CONTINUOUS CURRENT METERS-45M SOUTH OF
0058202041BUCC 2QUARTERS SECTION PLATFORM B
0058202041BUCC 3BUCCANEER OIL AND GAS FIELD
0058202042BUCC 285201N 944153W 105 200
0058202043BUCC 78 7261500109 21
0058202043BUCC 78 7261600109 23
0058202043BUCC 78 7261700112 22
0058202043BUCC 78 7261800118 23
0058202043BUCC 78 7261900119 24

*REN 10
[00080 LINES READ IN]
[00080 LINES READ IN]

FILE #2

7-26-78 — 8-30-78

841 records of current data + 4 header records

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[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00045 LINES READ IN]
[PAGE 1]
*BOTTOM
0058202043BUCC 78 8301500246 1
*NP -10\01\5
0058202043BUCC 78 8301000 10 7
*P 10
0058202043BUCC 78 8301000 10 7
0058202043BUCC 78 8301100 10 10
0058202043BUCC 78 8301200 16 6
0058202043BUCC 78 8301300 19 4
0058202043BUCC 78 8301400 67 1
0058202043BUCC 78 8301500246 1
[*EOB*]
*KILL
[EXIT]

```

last record

```

MCR>EDI DP1:005.DAT;17
[00080 LINES READ IN]
[PAGE 0]
*P 10

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```

0058202041BUCC 1CONTINUOUS CURRENT METERS-45M SOUTH OF
0058202041BUCC 2QUARTERS SECTION PLATFORM B
0058202041BUCC 3BUCCAKEER OIL AND GAS FIELD
0058202042BUCC 285201N 944153W 180 200
0058202043BUCC 78 7261500 41 8
0058202043BUCC 78 7261600 45 7
0058202043BUCC 78 7261700 39 5
0058202043BUCC 78 7261800 31 8
0058202043BUCC 78 7261900 44 12
*REN 10

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[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00045 LINES READ IN]
[PAGE 1]

```

```

*BOTTOM
0058202043BUCC 78 8301500122 3
*NP -6
0058202043BUCC 78 8301000344 5
*P 10
0058202043BUCC 78 8301000344 5
0058202043BUCC 78 8301000352 8
0058202043BUCC 78 8301100 5 9
0058202043BUCC 78 8301200 26 6
0058202043BUCC 78 8301300 25 3
0058202043BUCC 78 8301400 67 4
0058202043BUCC 78 8301500122 3
[*EOB*]
*KILL
[EXIT]

```

last record

File #3

7-26-78 - 8-30-78

841 records of current data + 4 header records

MCRT>EDIT DP1:005.DAT;20
[00080 LINES READ IN]
[PAGE 0]
*P 10

0058202041BUCC 1CONTINUOUS CURRENT METERS-45M SOUTH OF
0058202041BUCC 2QUARTERS SECTION PLATFORM B
0058202041BUCC 3BUCCANEER OIL AND GAS FIELD
0058202042BUCC 285201N 944153W 45 200

0058202043BUCC 79 2141100272 15
0058202043BUCC 79 2141200284 16
0058202043BUCC 79 2141300293 12
0058202043BUCC 79 2141400296 11
0058202043BUCC 79 2141500298 10
*REN 9

[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[PAGE 0]

*REN
[00022 LINES READ IN]
[PAGE 1]
*NP 12

0058202043BUCC 79 320 200268 34
*P 20
0058202043BUCC 79 320 200268 34
0058202043BUCC 79 320 300270 35
0058202043BUCC 79 320 400277 34
0058202043BUCC 79 320 500276 31
0058202043BUCC 79 320 600285 29
0058202043BUCC 79 320 700288 28
0058202043BUCC 79 320 800294 25
0058202043BUCC 79 320 900285 22
0058202043BUCC 79 3201000280 20
0058202043BUCC 79 3201100277 20
0058202043BUCC 79 3201200267 17 ← last record

[*EOP*]
*KILL
[EXIT]

MCRT>EDIT DP1:005.DAT;21
[00080 LINES READ IN]
[PAGE 0]
*P 10

0058202041BUCC 1CONTINUOUS CURRENT METERS-45M SOUTH OF
0058202041BUCC 2QUARTERS SECTION PLATFORM B
0058202041BUCC 3BUCCANEER OIL AND GAS FIELD
0058202042BUCC 285201N 944153W 100 200

0058202043BUCC 79 2141100280 11
0058202043BUCC 79 2141200266 11
0058202043BUCC 79 2141300288 10
0058202043BUCC 79 2141400305 10
0058202043BUCC 79 2141500312 11

[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]

File #4

2-14-79 - 3-20-79

818 records of current data + 4 header records

File #5

2-14-79 - 3-20-79

818 records of current data + 4 header records

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[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00022 LINES READ IN]
[PAGE 1]
*HP 11
0058202043BUCC 79 320 200242 14
*P 20
0058202043BUCC 79 320 200242 14
0058202043BUCC 79 320 300237 17
0058202043BUCC 79 320 400234 20
0058202043BUCC 79 320 500236 16
0058202043BUCC 79 320 600237 17
0058202043BUCC 79 320 700234 16
0058202043BUCC 79 320 800240 14
0058202043BUCC 79 320 900247 13
0058202043BUCC 79 3201000264 12
0058202043BUCC 79 3201100283 7
0058202043BUCC 79 3201200294 11
[*EOL]
*KILL
[EXIT]

```

last record

```

NCR>EDI DP1:005.DAT;22
[00080 LINES READ IN]
[PAGE 0]
*P 10

```

```

0058202041BUCC 1CONTINUOUS CURRENT METERS-45M SOUTH OF
0058202041BUCC 2QUARTERS SECTION PLATFORM B
0058202041BUCC 3BUCCANEER OIL AND GAS FIELD
0058202042BUCC 285201N 944153W 180 200
0058202043BUCC 79 2141100279 5
0058202043BUCC 79 2141200297 5
0058202043BUCC 79 2141300312 4
0058202043BUCC 79 2141400333 5
0058202043BUCC 79 2141500346 7
*REN 10

```

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[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00080 LINES READ IN]
[00022 LINES READ IN]
[PAGE 1]

```

```

*HP 12
0058202043BUCC 79 320 200254 19
*P 20
0058202043BUCC 79 320 200254 19
0058202043BUCC 79 320 300265 17
0058202043BUCC 79 320 400266 15
0058202043BUCC 79 320 500241 13
0058202043BUCC 79 320 600238 17
0058202043BUCC 79 320 700231 16
0058202043BUCC 79 320 800232 16
0058202043BUCC 79 320 900229 21
0058202043BUCC 79 3201000229 19
0058202043BUCC 79 3201100232 22
0058202043BUCC 79 3201200223 17
[*EOL]
*KILL

```

last record

File # 6

2-14-79 — 3-20-79

818 records of current data + 4 header records

ED1 DPL:0051.DAT
[00000 LINES READ IN]
[PAGE: 0]
*P 10

00578 9161BUCC 1BUCCANEER CURRENT DATA-EVANS - HAMILTON

00578 9162BUCC 285328N 944142E 40 207

00578 9163BUCC 7512181200999 999

00578 9163BUCC 7512181300999 999

00578 9163BUCC 7512181400999 999

00578 9163BUCC 7512181500999 999

00578 9163BUCC 7512181600999 999

00578 9163BUCC 7512181700999 999

00578 9163BUCC 7512181800999 999

*REN 111

[00060 LINES READ IN]

[00080 LINES READ IN]

[00080 LINES READ IN]

[00080 LINES READ IN]

[00080 LINES READ IN]

[00080 LINES READ IN]

[00080 LINES READ IN]

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[00080 LINES READ IN]

[00080 LINES READ IN]

[00080 LINES READ IN]

[00080 LINES READ IN]

[00080 LINES READ IN]

File #7

12-13-75 - 12-29-76

9047 data records + 2 header records
(lots of missing data signified by 999 for the
data values)

[illegible]

← Last date received

File #3

12-18-75 - 12-29-76

9047 data records + 2 header records

(lists of missing data signified by 999 for the data values)

```
[PAGE      0]
*REN
[00009 LINES READ IN]
[PAGE      1]
*P 20
```

EOB

*KILL

[EXIT]

Last Data Record

```
MCR>EDJ DP1:0053.DAT
[00080 LINES READ IN]
[PAGE      0]
*P 10
```

[illegible]

F. De H 9

12-18-79 - 12-29-76

9047 data records + 2 header records
(lots of missing data signified by 999 for the data values)

620154
CONTENTS OF B19840

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

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

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

RCVD: 6/24/80

ACCESSION
NUMBER

80 00461

FILE 26 133

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

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

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

BUCCANEER OIL FIELD

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

CONTINUOUS CURRENT METER

4997 RECORDS

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED <u>Dr. Larry Danek</u> <u>NALCO Environmental Service</u> <u>1500 Frontage Road</u> <u>Northbrook, Illinois 60062</u>				2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <u>Environmental Assessment of an Active Oil Field in the Northwestern Gulf of Mexico, 1978-1979</u> <u>EPA-IAG-DS-E693-EO</u>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <u>SUMMER</u> <u>WINTER</u>	
4. PLATFORM NAME(S) <u>GUS III</u>		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <u>SHIP</u>		6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <u>US</u> <u>US</u>		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR <u>7/26/78</u> <u>8/30/78</u> <u>2/14/79</u> <u>3/30/79</u>	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH				11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA			
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)							
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <u>Same as Item-1</u>							

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	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

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

B. SCIENTIFIC CONTENT

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

C. DATA FORMAT

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

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

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

The 1st 11 records are position records, followed by 2 comment records, followed by a variable number of Depth records. Each depth record is followed by a variable number of Observation records

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

This file is the 26th file on tape #25766

3. ATTRIBUTES AS EXPRESSED IN

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

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

ADDRESS

National Marine Fisheries Service

National Space Technology Laboratories

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

NSTL Station, MS 39529

5. RECORDING MODE

☐ BCD ☐ BINARY
☒ ASCII ☐ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)

☐ SEVEN
☒ NINE
☐ _____

7. PARITY

☐ ODD
☐ EVEN

8. DENSITY

☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER- RECORD GAP (IF KNOWN)

☐ 3/4 INCH
☐ _____

10. END OF FILE MARK

☒ OCTAL 17
☐ _____

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

EDIS ARCHIVAL TAPE # 25766
EPA40

H. HOLLEY

12. PHYSICAL BLOCK LENGTH IN BYTES

2000

13. LENGTH OF BYTES IN BITS

8

C. DATA FORMAT

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

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

RECORD NAME CONTINUOUS CURRENT METER (COMMENTS)

RECORD NAME

CONTINUOUS CURRENT METER (COMMENTS)

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		
Record Type	1	1	bytes	A1	"A" - constant
Comments	2	78	bytes	13 Ab	Comments about file.

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (POSITION)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN <u>bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	19. USE AND MEANING
		NUMBER	UNITS		
Station	1	3	bytes	A3	Station name/number
Latitude	10	4	bytes	2X I2, 1XF5.2	Latitude in degrees ^{and} minutes (to hundredths)
Longitude	14	11	bytes	2X I3, 1XF5.2	Longitude in degrees and minutes (to hundredths)
Comments	25	42	bytes	7A6	Comments about station

RECORD FORMAT DESCRIPTION

RECORD NAME CONTINUOUS CURRENT METER (OBSERVATION)

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

RECORD FORMAT DESCRIPTION

RECORD NAME

CONTINUOUS CURRENT METER (DEPTH)

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		
Record Type	1	1	bytes	A1	"B" - constant
Comments	2	170	bytes	2A6, A5	"CURRENT METER" - constant
Cruise	10	6	bytes	A6	Cruise name/number
Station	25	5	bytes	A5	Station name/number
Date - Start	30	4	bytes	2I2	Month and day of start of experiment
End	34	6	bytes	3I2	Month, day, and year at end of experiment
Depth	40	5	bytes	F5.1	Depth in meters

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 (✓)	

REC'D: 12 JAN 79

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-72)

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

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

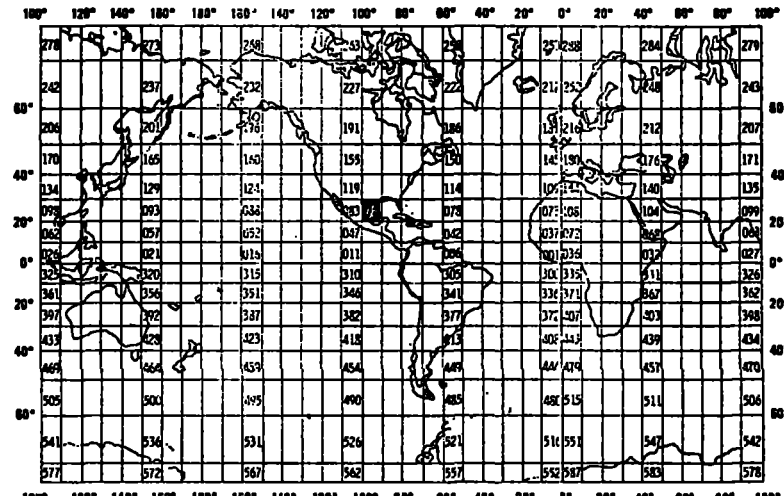
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications,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

33177 CURRENT METER / WIND RECORDS
(1, NL)

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Mr. REED ARMSTRONG NATIONAL MARINE FISHERIES SERVICE ATLANTIC ENVIRONMENTAL GROUP RR14, Box 522A NARRAGANSETT, RI 02882				TELEPHONE: 401-789-9326 FTS: 838-7142	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED ENVIRONMENTAL ASSESSMENT OF AN ACTIVE OIL FIELD IN THE NORTHWESTERN GULF OF MEXICO, 1977-1978 PA-IAG-DS-E693-EO		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT —			
4. PLATFORM NAME(S) SHELL BUCCANEER "A"		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) OIL PLATFORM		6. PLATFORM AND OPERATOR NATIONALITY(IES) US US	
				7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 12/12/75 12/29/76	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 			
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)					
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) SAME AS ITEM 1					

B. SCIENTIFIC CONTENT

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

EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

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

B. SPECIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
WIND SPEED WIND DIRECTION	M/SEC DEGREES	BENDIX MODEL 120 AEROVANE WITH A POTENTIOMETRIC DIRECTION SENSOR		
CURRENT SPEED CURRENT DIRECTION	CM/SEC DEGREES	MARSH-McBIRNEY MODEL 724 ELECTROMAGNETIC CURRENT METER		

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
THE METHOD OF IDENTIFYING EACH RECORD TYPE

WE ARE THREE RECORD TYPES: 1) HEADER, 2) STATION, 3) DATA
THERE IS ONE HEADER RECORD FOLLOWED BY ONE STATION RECORD
FOLLOWED BY A VARIABLE NUMBER OF DATA RECORD.
EACH PHYSICAL RECORD ON TAPE CONTAINS 2100 BYTES AND CONSISTS
OF 25 LOGICAL RECORDS AS DESCRIBED IN SECTION 14.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

THIS FILE IS THE ONLY FILE ON TAPE 35197

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER HILLMAN HOLLEY 601-688-3102 (FTS-494-3102)

ADDRESS NMFS, NATIONAL SPACE TECHNOLOGY LABORATORIES

NSTL STATION, MS 39529

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</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>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input 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>ARCHIVAL TAPE 2</p> <p>NFEL002-35197</p> <p>H. HOLLEY</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input 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

CORD NAME

CURRENT METER AND WIND RECORDS - HEADER

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

RECORD FORMAT DESCRIPTION

RECORD NAME CURRENT METER AND WIND RECORDS - STATION

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

RECORD FORMAT DESCRIPTION

CORD NAME CURRENT METER AND WIND RECORDS - DATA

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	A3	"005" CONSTANT
DATE	4	6	BYTES	3I2	LAST TWO DIGITS OF YEAR, MONTH AND DAY WHEN FILE CREATED
RECORD TYPE	10	1	BYTES	A1	"3" CONSTANT
STATION	11	5	BYTES	A5	STATION IDENTIFIER
DATE	16	9	BYTES	3I3	YEAR, MONTH AND DAY WHEN DATA COLLECTED
TIME	25	4	BYTES	I4	TIME IN HOURS TO HUNDREDTHS
WIND INDICATOR	29	1	BYTES	I1	CODE 0 = NO DATA 1 = DATA
WIND DIRECTION	30	3	BYTES	I3	DIRECTION <u>TOWARD</u> IN WHOLE DEGREES
WIND SPEED	33	4	BYTES	I4	WIND SPEED IN METERS/SECOND
CM1 INDICATOR	37	1	BYTES	I1	CODE 0 = NO DATA 1 = DATA
CM1 DIRECTION	38	3	BYTES	I3	DIRECTION TOWARD IN WHOLE DEGREES
CM1 SPEED	41	4	BYTES	I4	CURRENT SPEED IN CM/SEC.

RECORD FORMAT DESCRIPTION

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

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

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 (✓)	

Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8000461	C100	313513	0096	3111	3160	1977/02/18	3	313034
8000461	L001	L01569	0096	31J9	3190	1975/12/12	NULL	313050
8000461	C100	313507	0096	3111	31G3	1976/05/24	1	313028
8000461	C100	313508	0096	3111	31G3	1976/08/11	8	313029
8000461	C100	313511	0096	3111	31G3	1976/12/01	14	313032
8000461	C100	313512	0096	3111	31G3	1977/01/17	1	313033
8000461	C100	313514	0096	3111	31G3	1978/07/27	NULL	313035
8000461	C100	313515	0096	3111	31G3	1978/10/26	NULL	313036
8000461	C100	313516	0096	3111	31G3	1979/02/20	NULL	313037
8000461	C100	313517	0096	3111	31G3	1979/05/09	BUCC	313040
8000461	F005	TV5950	0096	3111	31G3	1978/07/26	BUCC	313041
8000461	F005	TV5951	0096	3111	31G3	1978/07/26	BUCC	313042
8000461	F005	TV5952	0096	3111	31G3	1978/07/26	BUCC	313043
8000461	F005	TV5953	0096	3111	31G3	1979/02/14	BUCC	313044
8000461	F005	TV5954	0096	3111	31G3	1979/02/14	BUCC	313045
8000461	F005	TV5955	0096	3111	31G3	1979/02/14	BUCC	313046
8000461	F005	TV5956	0096	3111	31G3	1976/03/23	BUCC	313047
8000461	F005	TV5957	0096	3111	31G3	1975/12/18	BUCC	313048
8000461	F005	TV5958	0096	3111	31G3	1976/03/23	BUCC	313049
8000461	F124	TW5850	0096	31N7	31G3	1977/07/14	001	313051
8000461	F124	TW5851	0096	31N7	31G3	1977/10/14	002	313052
8000461	F124	TW5852	0096	31N7	31G3	1978/02/20	003	313053
8000461	F124	TW5853	0096	31N7	31G3	1976/05/25	001	313054
8000461	F124	TW5854	0096	31N7	31G3	1976/08/17	002	313055
8000461	F124	TW5855	0096	31N7	31G3	1976/12/04	003	313056
8000461	F124	TW5856	0096	31N7	31G3	1977/02/19	004	313057
8000461	C100	313509	0096	3111	31KI	1976/09/23	11	313030
8000461	C100	313510	0096	3111	31KI	1976/10/18	12	313031
8000461	C100	323106	0096	3111	322B	1976/07/07	4	313038
8000461	C100	323107	0096	3111	32RC	1976/11/11	13	313039

(30 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8000461	C100	313513	3160	115	0	77/02/18	77/03/03
8000461	L001	L01569	3190	5000	104060	75/12/12	80/05/20
8000461	C100	313507	31G3	19	19	76/05/24	76/05/30
8000461	C100	313508	31G3	21	21	76/08/11	76/08/21
8000461	C100	313511	31G3	18	18	76/12/01	76/12/04
8000461	C100	313512	31G3	6	6	77/01/17	77/01/18
8000461	C100	313514	31G3	11	11	78/07/27	78/07/27
8000461	C100	313515	31G3	11	0	78/10/26	78/10/26
8000461	C100	313516	31G3	11	11	79/02/20	79/02/20
8000461	C100	313517	31G3	11	11	79/05/09	79/05/09
8000461	F005	TV5950	31G3	1	846	78/07/26	78/08/30
8000461	F005	TV5951	31G3	1	846	78/07/26	78/08/30
8000461	F005	TV5952	31G3	1	846	78/07/26	78/08/30
8000461	F005	TV5953	31G3	1	823	79/02/14	79/03/20
8000461	F005	TV5954	31G3	1	823	79/02/14	79/03/20
8000461	F005	TV5955	31G3	1	823	79/02/14	79/03/20
8000461	F005	TV5956	31G3	1	5456	76/03/23	76/12/29
8000461	F005	TV5957	31G3	1	5233	75/12/18	76/10/11
8000461	F005	TV5958	31G3	1	4120	76/03/23	76/10/29
8000461	F124	TW5850	31G3	1	958	77/07/14	77/07/15
8000461	F124	TW5851	31G3	1	614	77/10/14	77/10/14
8000461	F124	TW5852	31G3	1	326	78/02/20	78/02/23
8000461	F124	TW5853	31G3	1	238	76/05/25	76/05/25
8000461	F124	TW5854	31G3	1	252	76/08/17	76/08/18
8000461	F124	TW5855	31G3	1	169	76/12/04	76/12/04
8000461	F124	TW5856	31G3	1	124	77/02/19	77/02/20
8000461	C100	313509	31KI	7	7	76/09/23	76/09/24
8000461	C100	313510	31KI	7	7	76/10/18	76/10/18
8000461	C100	323106	322B	4	4	76/07/07	76/07/07
8000461	C100	323107	32RC	1	1	76/11/11	76/11/11

(30 rows affected)