

RECD: 13 JULY 76

ACCESSION
NUMBER

76-1418

DATA DOCUMENTATION FORM

BL 2357-BL 2456

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

CUEA / IDOE

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.

NODC TAPE # 8905

LRECL = 80 9 TRK
BLKSIZE = 800 1600bpi
LABEL = (JNL) EBCDIC
50 FILES

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

School of Oceanography
Oregon State University
CORVALLIS, OREGON 97331

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

JOINT-I experiment of the
CUEA group; sponsored by
NSF / IDOE

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

n/a

4. PLATFORM NAME(S)

n/a

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

Buoys containing
Aanderaa current
and wind meters

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM

OPERATOR

7. DATES

FROM: MO/DAY/YR

TO: MO/DAY/YR

2/23/74

4/25/74

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)?

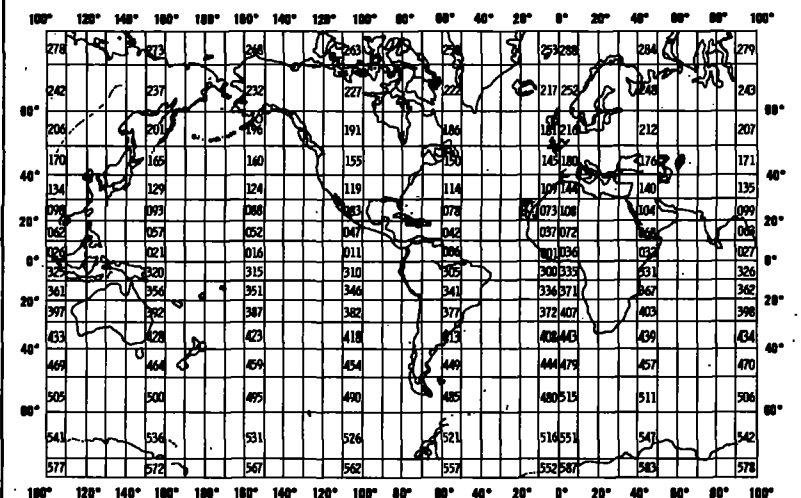
(I.E., SHOULD THEY BE INCLUDED IN WORLD
DATA CENTERS HOLDINGS FOR INTERNA-
TIONAL EXCHANGE?)

☐ NO ☒ YES ☐ PART (SPECIFY BELOW)

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

NSF / IDOE GRANT GX33502

GENERAL AREA


10. PERSON TO WHOM INQUIRIES CONCERNING
DATA SHOULD BE ADDRESSED WITH TELE-
PHONE NUMBER (AND ADDRESS IF OTHER
THAN IN ITEM-1)

Joseph Bottero

503 / 754 - 2209

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 |
|--------------------|-------------------------|--|--|---|
| current speed | cm/sec | Aanderaa RCM-4 | — | — |
| " direction | degrees true (towards) | " | — | — |
| water temp. | deg. cent. | " | — | — |
| salinity | parts/1000 | " | — | computed from temp, conductivity, and pressure (see Journal of Geoph. Res. V 77 # 3, p. 6618) |
| pressure | newtons/m ² | " | — | — |
| wind speed | meters/sec | Aanderaa datalogger and sensors | — | — |
| " direction | deg. true | " | — | — |
| air temp | deg. cent. | " | — | — |
| sfc water temp | " | " | — | — |

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.

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

Header record — 80 BCD characters (bytes)

Data record — 50 80-character card images blocked into a single 4000-character physical magtape record. The final data record of a file may contain fewer than 50 card images.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The tape contains 50 files. Each file consists of a header record followed by many data records, and is terminated by a single EOF.

DCB = (RECFM = U, BLKSIZE = 4000, TRTCH = BT Dens = 2)

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS Joseph Bottero 503/754-2209
School of Oceanography, OSU, Corvallis, Oregon

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|--|---|
| 5. RECORDING MODE <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____ | 9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____ |
| 6. NUMBER OF TRACKS (CHANNELS) <input checked="" type="checkbox"/> SEVEN <input 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 checked="" type="checkbox"/> EVEN | 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) JOINT-I current and wind data from OSU current meter group |
| 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"/> _____ | 12. PHYSICAL BLOCK LENGTH IN BYTES 4000 13. LENGTH OF BYTES IN BITS 6 |

RECORD FORMAT DESCRIPTION

RECORD NAME Data (one card image)

| FIELD NAME | 15. POSITION FROM -1 MEASURED IN <u>char</u> (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|-------------|--|------------|-------|----------------|--|
| | | NUMBER | UNITS | | |
| hour | 1 | 5 | char. | I5 | 0000 through 2359 |
| day | 6 | 3 | " | I3 | 1 through 31 |
| month | 9 | 3 | " | " | 1 through 12 |
| year | 12 | 3 | " | " | always 74 |
| speed | 15 | 5 | " | FS.1 | current or wind speed |
| direction | 20 | 5 | " | FS.0 | " " " direction |
| u | 25 | 6 | " | F6.1 | eastward component |
| v | 31 | 6 | " | F6.1 | northward component |
| temperature | 37 | 7 | " | F7.2 | water temp if from a current meter; air temp if from a wind meter |
| pressure | 44 | 9 | " | F9.0 | atmospheric plus water column pressure; present only with some current meters |
| salinity | 53 | 8 | " | F8.3 | present only with some current meters |
| temperature | 44 | 7 | " | F7.2 | surface water temperature if from a surface (wind) meter |

RECORD FORMAT DESCRIPTION

RECORD NAME data

| 14. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|--|--|------------|-------|----------------|------------------------------------|
| | | NUMBER | UNITS | | |
| line count | varies | 6 | char | I6 | at extreme right of each data line |
| note : all directions are the directions <u>toward</u> which the current or wind moved | | | | | |

RECORD FORMAT DESCRIPTION

RECORD NAME _____

| 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 (✓) | |
| Aanderaa RCM-4 | | ✓ | | | | ✓ | | | |
| Aanderaa weather sta. | | ✓ | | | | ✓ | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

File No.: 1

AANDERAA Meter and Tape No.: D72/16 76-1418
(meter/tape)

oy Installation Name: RHODODENDRON I Lat/Long: 21° 40(2)N
17° 08.3'W

Beginning Date: 23 FEBRUARY 74

Ending Date: 17 MARCH 74

Meter Depth: SURFACE

Parameters Measured:

Data Points:

50 0190 WIND SPEED 6251
50 188 AIR TEMPERATURE 6251
113 SURFACE WATER TEMPERATURE 6251

File No.: 2

AANDERAA Meter and Tape No.: 746/9
(meter/tape)

Buoy Installation Name: RHODODENDRON I Lat/Long: 21° 40.2'N
17° 08.3'W

Beginning Date: 23 FEBRUARY 74

Ending Date: 17 MARCH 74

Meter Depth: 20 m.

Parameters Measured:

Data Points:

| | | |
|--------------------------|-------------|-------------------|
| <u>CURRENT DIRECTION</u> | <u>6258</u> | <u>105 - 2803</u> |
| <u>CURRENT SPEED</u> | <u>6258</u> | <u>105 - 2802</u> |
| <u>U COMPONENT</u> | <u>6258</u> | <u>105 - 2807</u> |
| <u>V COMPONENT</u> | <u>6258</u> | <u>105 - 2806</u> |
| <u>TEMPERATURE</u> | <u>6258</u> | <u>124 - 0180</u> |
| <u>PRESSURE</u> | <u>6258</u> | <u>124 0184</u> |
| <u>SALINITY</u> | <u>6258</u> | <u>124 - 0181</u> |

File No.: 3AANDERAA Meter and Tape No.: 684/14
(meter/tape)Buoy Installation Name: RHODODENDRON I Lat/Long: 21° 40.2' N
17° 08.3' WBeginning Date: 23 FEBRUARY 74Ending Date: 17 MARCH 74Meter Depth: 35 m.

Parameters Measured:

Data Points:

| | | |
|--------------------------|-------------|-----------------|
| <u>CURRENT DIRECTION</u> | <u>6258</u> | <u>105 2803</u> |
| <u>CURRENT SPEED</u> | <u>6258</u> | <u>105-2803</u> |
| <u>U COMPONENT</u> | <u>6258</u> | <u>105-2807</u> |
| <u>V COMPONENT</u> | <u>6258</u> | <u>105-2806</u> |
| <u>TEMPERATURE</u> | <u>6258</u> | <u>124-0180</u> |
| <u>PRESSURE</u> | <u>6258</u> | <u>124-0184</u> |
| <u>SALINITY</u> | <u>6258</u> | <u>124-0181</u> |

File No.: 4AANDERAA Meter and Tape No.: D125/3
(meter/tape)Buoy Installation Name: RHODODENDRON II Lat/Long: 21° 39.2' N
17° 08.8' WBeginning Date: 17 MARCH 74Ending Date: 18 APRIL 74Meter Depth: SURFACE

Parameters Measured:

Data Points:

| | | |
|----------------------------------|-------------|-----------------|
| <u>WIND DIRECTION</u> | <u>4625</u> | <u>150 0189</u> |
| <u>WIND SPEED</u> | <u>4625</u> | <u>150 0190</u> |
| <u>U COMPONENT (WIND)</u> | <u>4625</u> | <u>150-0207</u> |
| <u>V COMPONENT (WIND)</u> | <u>4625</u> | <u>150-0206</u> |
| <u>AIR TEMPERATURE</u> | <u>4625</u> | <u>150-0128</u> |
| <u>SURFACE WATER TEMPERATURE</u> | <u>4625</u> | <u>113</u> |

File No.: 5AANDERAA Meter and Tape No.: 268/24
(meter/tape)Buoy Installation Name: RHODODENDRON II Lat/Long: 21° 39.2' N
17° 08.8' WBeginning Date: 17 MARCH 74Ending Date: 18 APRIL 74Meter Depth: 20 m.

Parameters Measured:

Data Points:

| | | |
|-------------------|------|----------|
| CURRENT DIRECTION | 4627 | 105.2803 |
| CURRENT SPEED | 4627 | 105.2802 |
| U COMPONENT | 4627 | 105.2807 |
| V COMPONENT | 4627 | 105.2806 |
| TEMPERATURE | 4627 | 124.0180 |
| SALINITY | 4627 | 124.0181 |

File No.: 6AANDERAA Meter and Tape No.: 756/8
(meter/tape)Buoy Installation Name: RHODODENDRON II Lat/Long: 21° 39.2' N
17° 08.8' WBeginning Date: 17 MARCH 74Ending Date: 18 APRIL 74Meter Depth: 35 m.

Parameters Measured:

Data Points:

| | | |
|-------------------|------|----------|
| CURRENT DIRECTION | 4627 | 105.2803 |
| CURRENT SPEED | 4627 | 105.2802 |
| U COMPONENT | 4627 | 105.2807 |
| V COMPONENT | 4627 | 105.2806 |
| TEMPERATURE | 4627 | 124.0180 |
| PRESSURE | 4627 | 124.0181 |

File No.: 7AANDERAA Meter and Tape No.:
(meter/tape)D74/11Buoy Installation Name: URBINIA ILat/Long: 21° 40.6' N17° 17.8' WBeginning Date: 24 FEBRUARY 74Ending Date: 13 MARCH 74Meter Depth: SURFACE

Parameters Measured:

Data Points:

| | | |
|---------------------------|------|--------------------------|
| WIND DIRECTION | 4880 | 150-0189 |
| WIND SPEED | 4880 | 150-0190 |
| U COMPONENT (WIND) | 4880 | 150 - 0207 +85 - 2807 |
| V COMPONENT (WIND) | 4880 | 150 - 0206 +85 - 2806 |
| AIR TEMPERATURE | 4880 | 150-0188 |
| SURFACE WATER TEMPERATURE | 4880 | 113 |

File No.: 8AANDERAA Meter and Tape No.:
(meter/tape)68⁶/15Buoy Installation Name: URBINIA ILat/Long: 21° 40.6' N17° 17.8' WBeginning Date: 24 FEBRUARY 74Ending Date: 17 MARCH 74Meter Depth: 20m

Parameters Measured:

Data Points:

| | | |
|-------------------|------|------------|
| CURRENT DIRECTION | 6049 | 105 - 2803 |
| CURRENT SPEED | 6049 | 2802 |
| U COMPONENT | 6049 | 2807 |
| V COMPONENT | 6049 | 2806 |
| TEMPERATURE | 6049 | ↓ |
| PRESSURE | 6049 | 124 - 0180 |
| SALINITY | 6049 | ↓ - 0184 |
| | | ↓ 0181 |

File No.: 9AANDERAA Meter and Tape No.: 683/17
(meter/tape)Joy Installation Name: URBINIA I Lat/Long: 21°40.6' N
17°17.8' WBeginning Date: 24 FEBRUARY 74Ending Date: 17 MARCH 74Meter Depth: 40 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>6048</u> | <u>105</u> | <u>2803</u> |
| <u>CURRENT SPEED</u> | <u>6048</u> | | <u>2802</u> |
| <u>U COMPONENT</u> | <u>6048</u> | | <u>2807</u> |
| <u>V COMPONENT</u> | <u>6048</u> | | <u>2806</u> |
| <u>TEMPERATURE</u> | <u>6048</u> | <u>124</u> | <u>0180</u> |
| <u>PRESSURE</u> | <u>6048</u> | | <u>0184</u> |
| <u>SALINITY</u> | <u>6048</u> | | <u>0181</u> |

File No.: 10AANDERAA Meter and Tape No.: 682/15
(meter/tape)Buoy Installation Name: URBINIA I Lat/Long: 21°40.6' N
17°17.8' WBeginning Date: 24 FEBRUARY 74Ending Date: 17 MARCH 74Meter Depth: 60 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>6048</u> | <u>105</u> | <u>2803</u> |
| <u>CURRENT SPEED</u> | <u>6048</u> | | <u>2802</u> |
| <u>U COMPONENT</u> | <u>6048</u> | | <u>2807</u> |
| <u>V COMPONENT</u> | <u>6048</u> | | <u>2806</u> |
| <u>TEMPERATURE</u> | <u>6048</u> | <u>124</u> | <u>0180</u> |
| <u>PRESSURE</u> | <u>6048</u> | | <u>0184</u> |
| <u>SALINITY</u> | <u>6048</u> | | <u>0181</u> |

File No.: 11AANDERAA Meter and Tape No.: D126/5
(meter/tape)Buoy Installation Name: URBINIA II Lat/Long: 21° 40.0' N
17° 17.8' WBeginning Date: 17 MARCH 74Ending Date: 30 MARCH 74Meter Depth: SURFACE

Parameters Measured:

Data Points:

| | | | |
|---------------------------|------|------------|------------------------------|
| WIND DIRECTION | 1805 | 150 | 0189 |
| WIND SPEED | 1805 | ↓ | 0190 |
| U COMPONENT (WIND) | 1805 | 150 105 | 0207 0189 0206 0186 |
| V COMPONENT (WIND) | 1805 | ↓ | |
| SURFACE WATER TEMPERATURE | 1805 | 113 | |

File No.: 12AANDERAA Meter and Tape No.: 748/7
(meter/tape)Buoy Installation Name: URBINIA II Lat/Long: 21° 40.0' N
17° 17.8' WBeginning Date: 17 MARCH 74Ending Date: 25 APRIL 74Meter Depth: 20 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 5590 | 105 | 2803 |
| CURRENT SPEED | 5590 | ↓ | 2802 |
| U COMPONENT | 5590 | | 2807 |
| V COMPONENT | 5590 | | 2806 |
| TEMPERATURE | 5590 | 124 | 0186 |
| PRESSURE | 5590 | ↓ | 0184 |
| SALINITY | 5590 | | 0181 |

File No.: 13AANDERAA Meter and Tape No.: 754/8
(meter/tape)Joy Installation Name: URBINIA II Lat/Long: 21° 40.0' N
17° 17.8' WBeginning Date: 17 MARCH 74Ending Date: 25 APRIL 74Meter Depth: 40 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|-----|--------|
| <u>CURRENT DIRECTION</u> | <u>5590</u> | 105 | 2803 |
| <u>CURRENT SPEED</u> | <u>5590</u> | | 2802 |
| <u>U COMPONENT</u> | <u>5590</u> | | 2807 |
| <u>V COMPONENT</u> | <u>5590</u> | | 2806 |
| <u>TEMPERATURE</u> | <u>5590</u> | 124 | 0180 |
| <u>PRESSURE</u> | <u>5590</u> | | - 0184 |
| <u>SALINITY</u> | <u>5590</u> | | - 0181 |

File No.: 14AANDERAA Meter and Tape No.: 755/8
(meter/tape)Buoy Installation Name: URBINIA II Lat/Long: 21° 40.0' N
17° 17.8' WBeginning Date: 17 MARCH 74Ending Date: 17 MARCH 74Meter Depth: 60 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|-----|--------|
| <u>CURRENT DIRECTION</u> | <u>5590</u> | 105 | 2803 |
| <u>CURRENT SPEED</u> | <u>5590</u> | | 2802 |
| <u>U COMPONENT</u> | <u>5590</u> | | 2807 |
| <u>V COMPONENT</u> | <u>5590</u> | | 2806 |
| <u>TEMPERATURE</u> | <u>5590</u> | 124 | 0180 |
| <u>PRESSURE</u> | <u>5590</u> | | - 0184 |
| <u>SALINITY</u> | <u>5590</u> | | - 0181 |

File No.: 15AANDERAA Meter and Tape No.: 747/9
(meter/tape)Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' WBeginning Date: 5 MARCH 74Ending Date: 25 MARCH 74Meter Depth: 20 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|-----|------|
| <u>CURRENT DIRECTION</u> | <u>2912</u> | 105 | 2803 |
| <u>CURRENT SPEED</u> | <u>2912</u> | | 2802 |
| <u>U COMPONENT</u> | <u>2912</u> | | 2807 |
| <u>V COMPONENT</u> | <u>2912</u> | | 2806 |
| <u>TEMPERATURE</u> | <u>2912</u> | 124 | 0180 |
| <u>PRESSURE</u> | <u>2912</u> | | 0184 |
| <u>SALINITY</u> | <u>2912</u> | | 0181 |

File No.: 16AANDERAA Meter and Tape No.: 749/7
(meter/tape)Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' WBeginning Date: 5 MARCH 74Ending Date: 25 MARCH 74Meter Depth: 40 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|-----|------|
| <u>CURRENT DIRECTION</u> | <u>2912</u> | 105 | 2803 |
| <u>CURRENT SPEED</u> | <u>2912</u> | | 2802 |
| <u>U COMPONENT</u> | <u>2912</u> | | 2807 |
| <u>V COMPONENT</u> | <u>2912</u> | | 2806 |
| <u>TEMPERATURE</u> | <u>2912</u> | 124 | 0180 |
| <u>PRESSURE</u> | <u>2912</u> | | 0184 |
| <u>SALINITY</u> | <u>2912</u> | | 0181 |

File No.: 17AANDERAA Meter and Tape No.: 750/8
(meter/tape)Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' WBeginning Date: 5 MARCH 74Ending Date: 25 MARCH 74Meter Depth: 60 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|------|------|
| CURRENT DIRECTION | 2912 | 105 | 2803 |
| CURRENT SPEED | 2912 | | 2802 |
| U COMPONENT | 2912 | | 2807 |
| V COMPONENT | 2912 | | 2806 |
| TEMPERATURE | 2912 | 124- | 0180 |
| PRESSURE | 2912 | | 0184 |
| SALINITY | 2912 | | 0181 |

File No.: 18AANDERAA Meter and Tape No.: 751/8
(meter/tape)Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' WBeginning Date: 5 MARCH 74Ending Date: 25 MARCH 74Meter Depth: 80 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|------|------|
| CURRENT DIRECTION | 2912 | 105 | 2803 |
| CURRENT SPEED | 2912 | | 2802 |
| U COMPONENT | 2912 | | 2807 |
| V COMPONENT | 2912 | | 2806 |
| TEMPERATURE | 2912 | 124- | 0180 |
| PRESSURE | 2912 | | 0184 |
| SALINITY | 2912 | | 0181 |

File No.: 19AANDERAA Meter and Tape No.: 752/9
(meter/tape)Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' WBeginning Date: 5 MARCH 74Ending Date: 25 MARCH 74Meter Depth: 97m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|------|------|
| CURRENT DIRECTION | 2863 | 105 | 2803 |
| CURRENT SPEED | 2863 | | 2802 |
| U COMPONENT | 2863 | | 2807 |
| V COMPONENT | 2863 | | 2806 |
| TEMPERATURE | 2863 | 124. | 0180 |
| PRESSURE | 2863 | 1 | 0184 |
| SALINITY | 2863 | | 0181 |

File No.: 20AANDERAA Meter and Tape No.: 686/16
(meter/tape)Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N
17° 46.0' WBeginning Date: 24 MARCH 74Ending Date: 19 APRIL 74Meter Depth: 20m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|------|------|
| CURRENT DIRECTION | 3792 | 105 | 2803 |
| CURRENT SPEED | 3792 | | 2802 |
| U COMPONENT | 3792 | | 2807 |
| V COMPONENT | 3792 | | 2806 |
| TEMPERATURE | 3792 | 124. | 0180 |
| PRESSURE | 3792 | - | 0184 |
| SALINITY | 3792 | | 0181 |

File No.: 21AANDERAA Meter and Tape No.: 689/12
(meter/tape)Buoy Installation Name: FOREST FERN Lat/Long: 21°36.3' N
17°46.0' WBeginning Date: 24 MARCH 74Ending Date: 19 APRIL 74Meter Depth: 60 m.

Parameters Measured:

Data Points:

| | |
|-------------------|------|
| CURRENT DIRECTION | 3790 |
| CURRENT SPEED | 3790 |
| U COMPONENT | 3790 |
| V COMPONENT | 3790 |
| TEMPERATURE | 3790 |
| PRESSURE | 3790 |
| SALINITY | 3790 |

| | |
|-----|------|
| 105 | 2803 |
| | 2802 |
| | 2801 |
| | 2806 |
| ↓ | |
| 124 | 0180 |
| | 0184 |
| | 0181 |

File No.: 22AANDERAA Meter and Tape No.: 498/20
(meter/tape)Buoy Installation Name: FOREST FERN Lat/Long: 21°36.3' N
17°46.0' WBeginning Date: 24 MARCH 74Ending Date: 19 APRIL 74Meter Depth: 100 m.

Parameters Measured:

Data Points:

| | |
|-------------------|------|
| CURRENT DIRECTION | 3793 |
| CURRENT SPEED | 3793 |
| U COMPONENT | 3793 |
| V COMPONENT | 3793 |
| TEMPERATURE | 3793 |
| PRESSURE | 3793 |

| | |
|-----|------|
| 105 | 2803 |
| | 2802 |
| | 2801 |
| | 2806 |
| ↓ | |
| 124 | 0180 |
| | 0184 |

File No.: 23AANDERAA Meter and Tape No.: 454/24
(meter/tape)Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N
17° 46.0' WBeginning Date: 24 MARCH 74Ending Date: 19 APRIL 74Meter Depth: 150 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|------|------|
| CURRENT DIRECTION | 3792 | 105 | 2803 |
| CURRENT SPEED | 3792 | | 2802 |
| U COMPONENT | 3792 | | 2807 |
| V COMPONENT | 3792 | | 2806 |
| TEMPERATURE | 3792 | 124- | 0180 |

File No.: 24AANDERAA Meter and Tape No.: 455/25
(meter/tape)Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N
17° 46.0' WBeginning Date: 24 MARCH 74Ending Date: 19 APRIL 74Meter Depth: 200 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|-------|------|------|
| CURRENT DIRECTION | 3,782 | 105 | 2803 |
| CURRENT SPEED | 3,782 | | 2802 |
| U COMPONENT | 3,782 | | 2807 |
| V COMPONENT | 3,782 | | 2806 |
| TEMPERATURE | 3,782 | 124- | 0180 |

File No.: 25AANDERAA Meter and Tape No.: 500/24
(meter/tape)Buoy Installation Name: FOREST FERNLat/Long: 21° 36.3' N
17° 46.0' WBeginning Date: 24 MARCH 74Ending Date: 19 APRIL 74Meter Depth: 300 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 3,782

105

2803

CURRENT SPEED 3,782

2802

U COMPONENT 3,782

2807

V COMPONENT 3,782

2806

TEMPERATURE 3,782PRESSURE 3,782↓
124 - 0.180
124 0184File No.: 26AANDERAA Meter and Tape No.: 456/26
(meter/tape)Buoy Installation Name: FOREST FERNLat/Long: 21° 36.3' N
17° 46.0' WBeginning Date: 24 MARCH 74Ending Date: 19 APRIL 74Meter Depth: 400 m.

Parameters Measured:

Data Points:

CURRENT SPEED 3,781

105 - 2802

TEMPERATURE 3,781

124 0180

File No.: 27AANDERAA Meter and Tape No.: D72/17
(meter/tape)Buoy Installation Name: FOREST FERNLat/Long: 21° 36.3' N
17° 46.0' WBeginning Date: 24 MARCH 74Ending Date: 10 APRIL 74Meter Depth: SURFACE

Parameters Measured:

Data Points:

| | | | |
|--------------------|------|------------|------------------------------|
| WIND DIRECTION | 2299 | 150 | 0189 |
| WIND SPEED | 2299 | ↓ | 0190 |
| U COMPONENT (WIND) | 2299 | 150 105 | 0207 2803 0206 2802 |
| V COMPONENT (WIND) | 2299 | ↓ | |
| PRESSURE (WATER) | 2299 | 124 | 0184 |

File No.: 28AANDERAA Meter and Tape No.: 597/12
(meter/tape)Buoy Installation Name: LUPINELat/Long: 21° 40.9' N
17° 29.7' WBeginning Date: 6 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 20m

Parameters Measured:

Data Points:

| | | | | |
|-------------------|------|-----|------|----------------|
| CURRENT DIRECTION | 4476 | 105 | 2803 | NOTE: THE |
| CURRENT SPEED | 4476 | | 2802 | FIRST 8 |
| U COMPONENT | 4476 | | 2807 | RECORDS IN THE |
| V COMPONENT | 4476 | | 2806 | FIRST DATA |
| TEMPERATURE | 4476 | 124 | 0180 | BLOCK ARE |
| | | | | FREE TEXT |
| | | | | COMMENTS. |

File No.: 29AANDERAA Meter and Tape No.: 753/8
(meter/tape)Buoy Installation Name: LUPINELat/Long: 21°40.9'N
17°29.7'WBeginning Date: 6 MAR 74Ending Date: 6 APRIL 74Meter Depth: 60 m

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 4476 | 105 | 2803 |
| CURRENT SPEED | 4476 | | 2802 |
| U COMPONENT | 4476 | | 2807 |
| V COMPONENT | 4476 | | 2806 |
| TEMPERATURE | 4476 | 124 | 0180 |
| PRESSURE | 4476 | 124 | 0184 |
| SALINITY | 4476 | 124 | 0181 |

File No.: 30AANDERAA Meter and Tape No.: 452/23
(meter/tape)Buoy Installation Name: LUPINELat/Long: 21°40.9'N
17°29.7'WBeginning Date: 6 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 100 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 4476 | 105 | 2803 |
| CURRENT SPEED | 4476 | | 2802 |
| U COMPONENT | 4476 | | 2807 |
| V COMPONENT | 4476 | | 2806 |
| TEMPERATURE | 4476 | 100 | 0180 |

File No.: 31AANDERAA Meter and Tape No.: 494/17
(meter/tape)Buoy Installation Name: LUPINELat/Long: 21° 40.9' N
17° 29.7' WBeginning Date: 6 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 200m

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 4476 | 105 | 2803 |
| CURRENT SPEED | 4476 | | 2802 |
| U COMPONENT | 4476 | | 2807 |
| V COMPONENT | 4476 | | 2806 |
| TEMPERATURE | 4476 | 124 | 0180 |
| | | | |
| | | | |

File No.: 32AANDERAA Meter and Tape No.: 495/23
(meter/tape)Buoy Installation Name: LUPINELat/Long: 21° 40.9' N
17° 29.7' WBeginning Date: 6 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 300m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 4477 | 105 | 2803 |
| CURRENT SPEED | 4477 | | 2802 |
| U COMPONENT | 4477 | | 2807 |
| V COMPONENT | 4477 | | 2806 |
| TEMPERATURE | 4477 | 124 | 0180 |
| PRESSURE | 4477 | | 0184 |
| | | | |
| | | | |

File No.: 33AANDERAA Meter and Tape No.: 486/16
(meter/tape)Buoy Installation Name: LUPINELat/Long: 21° 40.9' N
17° 29.7' WBeginning Date: 6 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 400 m

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|----------|-----|
| CURRENT DIRECTION | 4476 | 2103 | 105 |
| CURRENT SPEED | 4476 | 2802 | |
| U COMPONENT | 4476 | 2807 | |
| V COMPONENT | 4476 | 2806 | |
| TEMPERATURE | 4476 | 124 0180 | |
| | | | |
| | | | |

File No.: 34AANDERAA Meter and Tape No.: D124/9
(meter/tape)Buoy Installation Name: FOXGLOVELat/Long: 21° 40.5' N
17° 57.2' NBeginning Date: 7 MARCH 74Ending Date: 6 APRIL 74Meter Depth: SURFACE

Parameters Measured:

Data Points:

| | | |
|---------------------------|------|------------|
| WIND SPEED | 4301 | 150 - 0190 |
| AIR TEMPERATURE | 4301 | 150 - 0188 |
| SURFACE WATER TEMPERATURE | 4301 | 113 |
| | | |
| | | |
| | | |

File No.: 35AANDERAA Meter and Tape No.: 911/1
(meter/tape)Buoy Installation Name: FOXGLOVELat/Long: 21° 40.5' N
17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 18 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>2956</u> | <u>105</u> | <u>2803</u> |
| <u>CURRENT SPEED</u> | <u>2956</u> | | <u>2802</u> |
| <u>U COMPONENT</u> | <u>2956</u> | | <u>2807</u> |
| <u>V COMPONENT</u> | <u>2956</u> | | <u>2806</u> |
| <u>TEMPERATURE</u> | <u>2956</u> | <u>124</u> | <u>0180</u> |
| <u>PRESSURE</u> | <u>2956</u> | <u>124</u> | <u>0184</u> |

File No.: 36AANDERAA Meter and Tape No.: 912/1
(meter/tape)Buoy Installation Name: FOXGLOVELat/Long: 21° 40.5' N
17° 57.2' WBeginning Date: 17 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 30 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>2922</u> | <u>105</u> | <u>2803</u> |
| <u>CURRENT SPEED</u> | <u>2922</u> | | <u>2802</u> |
| <u>U COMPONENT</u> | <u>2922</u> | | <u>2807</u> |
| <u>V COMPONENT</u> | <u>2922</u> | | <u>2806</u> |
| <u>TEMPERATURE</u> | <u>2922</u> | <u>124</u> | <u>0180</u> |
| <u>PRESSURE</u> | <u>2922</u> | <u>124</u> | <u>0184</u> |

File No.: 37AANDERAA Meter and Tape No.: 914/1
(meter/tape)Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 50 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 2955 | 105 | 2803 |
| CURRENT SPEED | 2955 | | 2802 |
| U COMPONENT | 2955 | | 2807 |
| V COMPONENT | 2955 | | 2806 |
| TEMPERATURE | 2955 | 124 | 0180 |

File No.: 38AANDERAA Meter and Tape No.: 915/1
(meter/tape)Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 75 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 2955 | 105 | 2803 |
| CURRENT SPEED | 2955 | | 2802 |
| U COMPONENT | 2955 | | 2807 |
| V COMPONENT | 2955 | | 2806 |
| TEMPERATURE | 2955 | 124 | 0180 |

File No.: 39AANDERAA Meter and Tape No.: 790/1
(meter/tape)Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N
17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 100 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 2955 | 105 | 2803 |
| CURRENT SPEED | 2955 | | 2802 |
| U COMPONENT | 2955 | | 2807 |
| V COMPONENT | 2955 | | 2806 |
| TEMPERATURE | 2955 | 124 | 0180 |
| PRESSURE | 2955 | 124 | 0184 |

File No.: 40AANDERAA Meter and Tape No.: 791/1
(meter/tape)Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N
17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 150 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 2955 | 105 | 2803 |
| CURRENT SPEED | 2955 | | 2802 |
| U COMPONENT | 2955 | | 2807 |
| V COMPONENT | 2955 | | 2806 |
| TEMPERATURE | 2955 | 124 | 0180 |
| PRESSURE | 2955 | ↓ | 0184 |

File No.: 41AANDERAA Meter and Tape No.: 453/26
(meter/tape)Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N
17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 200 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 2955 | 105 | 2803 |
| CURRENT SPEED | 2955 | | 2802 |
| U COMPONENT | 2955 | | 2807 |
| V COMPONENT | 2955 | | 2806 |
| TEMPERATURE | 2955 | 124 | 0180 |

File No.: 42AANDERAA Meter and Tape No.: 990/1
(meter/tape)Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N
17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 300 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 2956 | 105 | 2803 |
| CURRENT SPEED | 2956 | | 2802 |
| U COMPONENT | 2956 | | 2807 |
| V COMPONENT | 2956 | | 2806 |
| TEMPERATURE | 2956 | 124 | 0180 |
| PRESSURE | 2956 | 124 | 0184 |

File No.: 43AANDERAA Meter and Tape No.: 910/1
(meter/tape)Buoy Installation Name: FOXGLOVELat/Long: 21° 40.5' N
17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 400 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 2956 | 105 | 2803 |
| CURRENT SPEED | 2956 | | 2802 |
| U COMPONENT | 2956 | | 2807 |
| V COMPONENT | 2956 | | 2806 |
| TEMPERATURE | 2956 | 134 | 0180 |
| PRESSURE | 2956 | 134 | 0184 |

File No.: 44AANDERAA Meter and Tape No.: 792/1
(meter/tape)Buoy Installation Name: FOXGLOVELat/Long: 21° 40.5' N
17° 57.2' WBeginning Date: 16 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 500 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 2957 | 105 | 2803 |
| CURRENT SPEED | 2957 | | 2802 |
| U COMPONENT | 2957 | | 2807 |
| V COMPONENT | 2957 | | 2806 |
| TEMPERATURE | 2957 | 134 | 0180 |
| PRESSURE | 2957 | 134 | 0184 |

File No.: 45AANDERAA Meter and Tape No.: 913/1
(meter/tape)Buoy Installation Name: WEED Lat/Long: 21°39.5'N17°17.5'WBeginning Date: 4 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 17 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 4767 | 105 | 2803 |
| CURRENT SPEED | 4767 | | 2802 |
| U COMPONENT | 4767 | | 2807 |
| V COMPONENT | 4767 | | 2806 |
| TEMPERATURE | 4767 | 124 | 0180 |
| PRESSURE | 4767 | 124 | 0184 |

File No.: 46AANDERAA Meter and Tape No.: 1026/1
(meter/tape)Buoy Installation Name: WEED Lat/Long: 21°39.5'N17°17.5'WBeginning Date: 4 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 25 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 4768 | 105 | 2803 |
| CURRENT SPEED | 4768 | | 2802 |
| U COMPONENT | 4768 | | 2807 |
| V COMPONENT | 4768 | | 2806 |
| TEMPERATURE | 4768 | 124 | 0180 |

File No.: 47

AANDERAA Meter and Tape No.: 1027/1
(meter/tape)

Buoy Installation Name: WEED

Lat/Long: 21° 39.5' N
17° 17.5' W

Beginning Date: 4 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 35 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4767</u> | <u>105</u> | <u>2803</u> |
| <u>CURRENT SPEED</u> | <u>4767</u> | | <u>2802</u> |
| <u>U COMPONENT</u> | <u>4767</u> | | <u>2807</u> |
| <u>V COMPONENT</u> | <u>4767</u> | | <u>2806</u> |
| <u>TEMPERATURE</u> | <u>4767</u> | <u>124</u> | <u>0180</u> |
| | | | |
| | | | |

File No.: 48

AANDERAA Meter and Tape No.: 918/1
(meter/tape)

Buoy Installation Name: WEED

Lat/Long: 21° 39.5' N
17° 17.5' W

Beginning Date: 4 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 45 m.

Parameters Measured:

Data Points:

| | | | |
|--------------------------|-------------|------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4768</u> | <u>105</u> | <u>2803</u> |
| <u>TEMPERATURE</u> | <u>4768</u> | <u>124</u> | <u>0180</u> |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

File No.: 49AANDERAA Meter and Tape No.: 1024/1
(meter/tape)Buoy Installation Name: WEED Lat/Long: 21° 39.5' N17° 17.5' WBeginning Date: 4 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 55 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 4768 | 105 | 2803 |
| CURRENT SPEED | 4768 | | 2802 |
| U COMPONENT | 4768 | | 2807 |
| V COMPONENT | 4768 | | 2806 |
| TEMPERATURE | 4768 | 124 | 0180 |
| PRESSURE | 4768 | 124 | 0184 |

File No.: 50AANDERAA Meter and Tape No.: 1025/1
(meter/tape)Buoy Installation Name: WEED Lat/Long: 21° 39.5' N17° 17.5' WBeginning Date: 4 MARCH 74Ending Date: 6 APRIL 74Meter Depth: 61 m.

Parameters Measured:

Data Points:

| | | | |
|-------------------|------|-----|------|
| CURRENT DIRECTION | 4768 | 105 | 2803 |
| CURRENT SPEED | 4768 | | 2802 |
| U COMPONENT | 4768 | | 2807 |
| V COMPONENT | 4768 | | 2806 |
| TEMPERATURE | 4768 | 124 | 0180 |
| PRESSURE | 4768 | 124 | 0184 |

School of
Oceanography



Corvallis, Oregon 97331 (503) 754-3504

15 July 1976

ACKNOWLEDGE
Draft:
20 July 76

Philip R. Hadsell
Data Systems Formulation
and Integration Branch
National Oceanographic Data Center
Washington, D. C. 20235

Dear Mr. Hadsell:

The enclosed magnetic tape contains current meter and wind data taken during 1974 near the coast of NW Africa, as part of the JOINT-I experiment. All of the data on this tape were obtained and processed by the current meter group at the Oregon State University School of Oceanography under grants from NSF/IDOE, and we are required under the terms of the grants to submit the data to NODC for archiving.

I am not sure who within NODC is supposed to receive this tape, but have been told that you probably know where it belongs. I would appreciate it very much if you would send it on to the proper destination.

I have described the data on the enclosed DDF, and a further description can be found in the enclosed OSU data report. Please contact me if any additional information is needed.

Sincerely,


Joseph Bottero

kjt

Encl.

Pillsbury, R.D.; Bottero, J.S., Still, R.E. and Mittelstaedt, E.
(Dec. 1974)

A compilation of observations from moored current meters. Volume VIII
wind, currents and temperature off Northwest Africa along 21°N during
JOINT-I, Feb.-April 1974. Oregon State University School of Oceanography
Data Report 62; Ref. 74-20 (CUEA Data Report 27) 143 p.

| | | |
|----|---------------------------------|--|
| 1 | DATA FROM AANDERAA TAPE D72/16. | SFC BUOY AT RHODODENDRON, LEG 1 OF JOINT-I |
| 2 | DATA FROM AANDERAA TAPE 746/9. | 20 M AT RHODODENDRON, LEG 1 OF JOINT-I |
| 3 | DATA FROM AANDERAA TAPE 684/14. | 35 M AT RHODODENDRON, LEG 1 OF JOINT-I |
| 4 | DATA FROM AANDERAA TAPE D125/3. | SFC BUOY AT RHODODENDRON, LEG 2 OF JOINT-I |
| 5 | DATA FROM AANDERAA TAPE 268/24. | 20 M AT RHODODENDRON, LEG 2 OF JOINT-I |
| 6 | DATA FROM AANDERAA TAPE 756/8. | 35 M AT RHODODENDRON, LEG 2 OF JOINT-I |
| 7 | DATA FROM AANDERAA TAPE D74/11. | SFC BUOY AT URBINIA, LEG 1 OF JOINT-I |
| 8 | DATA FROM AANDERAA TAPE 686/15. | 20 M AT URBINIA, LEG 1 OF JOINT-I |
| 9 | DATA FROM AANDERAA TAPE 683/17. | 40 M AT URBINIA, LEG 1 OF JOINT-I |
| 10 | DATA FROM AANDERAA TAPE 682/15. | 60 M AT URBINIA, LEG 1 OF JOINT-I |
| 11 | DATA FROM AANDERAA TAPE D126/5. | SFC BUOY AT URBINIA, LEG 2 OF JOINT-I |
| 12 | DATA FROM AANDERAA TAPE 748/7. | 20 M AT URBINIA, LEG 2 OF JOINT-I |
| 13 | DATA FROM AANDERAA TAPE 754/8. | 40 M AT URBINIA, LEG 2 OF JOINT-I |
| 14 | DATA FROM AANDERAA TAPE 755/8. | 60 M AT URBINIA, LEG 2 OF JOINT-I |
| 15 | DATA FROM AANDERAA TAPE 747/9. | 20 M AT OREGON GRAPE, JOINT-I |
| 16 | DATA FROM AANDERAA TAPE 749/7. | 40 M AT OREGON GRAPE, JOINT-I |
| 17 | DATA FROM AANDERAA TAPE 750/8. | 60 M AT OREGON GRAPE, JOINT-I |
| 18 | DATA FROM AANDERAA TAPE 751/8. | 80 M AT OREGON GRAPE, JOINT-I |
| 19 | DATA FROM AANDERAA TAPE 752/9. | 97 M AT OREGON GRAPE, JOINT-I |
| 20 | DATA FROM AANDERAA TAPE 686/16. | 20 M AT FOREST FERN, JOINT-I |
| 21 | DATA FROM AANDERAA TAPE 689/12. | 60 M AT FOREST FERN, JOINT-I |
| 22 | DATA FROM AANDERAA TAPE 498/20. | 100 M AT FOREST FERN, JOINT-I |
| 23 | DATA FROM AANDERAA TAPE 454/24. | 150 M AT FOREST FERN, JOINT-I |
| 24 | DATA FROM AANDERAA TAPE 455/25. | 200 M AT FOREST FERN, JOINT-I |
| 25 | DATA FROM AANDERAA TAPE 500/24. | 300 M AT FOREST FERN, JOINT-I |
| 26 | DATA FROM AANDERAA TAPE 456/26. | 400 M AT FOREST FERN, JOINT-I |
| 27 | DATA FROM AANDERAA TAPE D72/17. | SFC BUOY AT FOREST FERN, JOINT-I. NOTE FOLLOWS |
| 28 | DATA FROM AANDERAA TAPE 597/12. | 20 M AT LUPINE, JOINT-I |
| 29 | DATA FROM AANDERAA TAPE 753/8. | 60 M AT LUPINE, JOINT-I |
| 30 | DATA FROM AANDERAA TAPE 452/23. | 100 M AT LUPINE, JOINT-I |
| 31 | DATA FROM AANDERAA TAPE 494/17. | 200 M AT LUPINE, JOINT-I |
| 32 | DATA FROM AANDERAA TAPE 495/23. | 300 M AT LUPINE, JOINT-I |
| 33 | DATA FROM AANDERAA TAPE 486/16. | 400 M AT LUPINE, JOINT-I |
| 34 | DATA FROM AANDERAA TAPE D124/9. | SFC BUOY AT FOXGLOVE, JOINT-I |
| 35 | DATA FROM AANDERAA TAPE 911/1. | 18 M AT FOXGLOVE, JOINT-I |
| 36 | DATA FROM AANDERAA TAPE 912/1. | 30 M AT FOXGLOVE, JOINT-I |
| 37 | DATA FROM AANDERAA TAPE 914/1. | 50 M AT FOXGLOVE, JOINT-I |
| 38 | DATA FROM AANDERAA TAPE 915/1. | 75 M AT FOXGLOVE, JOINT-I |
| 39 | DATA FROM AANDERAA TAPE 790/1. | 100 M AT FOXGLOVE, JOINT-I |
| 40 | DATA FROM AANDERAA TAPE 791/1. | 150 M AT FOXGLOVE, JOINT-I |
| 41 | DATA FROM AANDERAA TAPE 453/26. | 200 M AT FOXGLOVE, JOINT-I |
| 42 | DATA FROM AANDERAA TAPE 990/1. | 300 M AT FOXGLOVE, JOINT-I |
| 43 | DATA FROM AANDERAA TAPE 910/1. | 400 M AT FOXGLOVE, JOINT-I |
| 44 | DATA FROM AANDERAA TAPE 792/1. | 500 M AT FOXGLOVE, JOINT-I |
| 45 | DATA FROM AANDERAA TAPE 913/1. | 17 M AT WEED, JOINT-I |
| 46 | DATA FROM AANDERAA TAPE 1026/1. | 25 M AT WEED, JOINT-I |
| 47 | DATA FROM AANDERAA TAPE 1027/1. | 35 M AT WEED, JOINT-I |
| 48 | DATA FROM AANDERAA TAPE 918/1. | 45 M AT WEED, JOINT-I |
| 49 | DATA FROM AANDERAA TAPE 1024/1. | 55 M AT WEED, JOINT-I |
| 50 | DATA FROM AANDERAA TAPE 1025/1. | 61 M AT WEED, JOINT-I |

This is a listing of the
header records from the
JOINT-I current and wind
tape.

NODC ACC. # 76-1418

| | | |
|----|---------------------------------|--|
| 1 | DATA FROM AANDERAA TAPE 072/16. | SFC BUOY AT RHODODENDRON, LEG 1 OF JOINT |
| 2 | DATA FROM AANDERAA TAPE 746/9. | 20 M AT RHODODENDRON, LEG 1 OF JOINT-I |
| 3 | DATA FROM AANDERAA TAPE 684/14. | 35 M AT RHODODENDRON, LEG 1 OF JOINT-I |
| 4 | DATA FROM AANDERAA TAPE 0125/3. | SFC BUOY AT RHODODENDRON, LEG 2 OF JOINT-I |
| 5 | DATA FROM AANDERAA TAPE 268/24. | 20 M AT RHODODENDRON, LEG 2 OF JOINT-I |
| 6 | DATA FROM AANDERAA TAPE 756/8. | 35 M AT RHODODENDRON, LEG 2 OF JOINT-I |
| 7 | DATA FROM AANDERAA TAPE 074/11. | SFC BUOY AT URBINIA, LEG 1 OF JOINT-I |
| 8 | DATA FROM AANDERAA TAPE 686/15. | 20 M AT URBINIA, LEG 1 OF JOINT-I |
| 9 | DATA FROM AANDERAA TAPE 683/17. | 40 M AT URBINIA, LEG 1 OF JOINT-I |
| 10 | DATA FROM AANDERAA TAPE 682/15. | 60 M AT URBINIA, LEG 1 OF JOINT-I |
| 11 | DATA FROM AANDERAA TAPE 0126/5. | SFC BUOY AT URBINIA, LEG 2 OF JOINT-I |
| 12 | DATA FROM AANDERAA TAPE 748/7. | 20 M AT URBINIA, LEG 2 OF JOINT-I |
| 13 | DATA FROM AANDERAA TAPE 754/8. | 40 M AT URBINIA, LEG 2 OF JOINT-I |
| 14 | DATA FROM AANDERAA TAPE 755/8. | 60 M AT URBINIA, LEG 2 OF JOINT-I |
| 15 | DATA FROM AANDERAA TAPE 747/9. | 20 M AT OREGON GRAPE, JOINT-I |
| 16 | DATA FROM AANDERAA TAPE 749/7. | 40 M AT OREGON GRAPE, JOINT-I |
| 17 | DATA FROM AANDERAA TAPE 750/8. | 60 M AT OREGON GRAPE, JOINT-I |
| 18 | DATA FROM AANDERAA TAPE 751/8. | 80 M AT OREGON GRAPE, JOINT-I |
| 19 | DATA FROM AANDERAA TAPE 752/9. | 97 M AT OREGON GRAPE, JOINT-I |
| 20 | DATA FROM AANDERAA TAPE 686/16. | 20 M AT FOREST FERN, JOINT-I |
| 21 | DATA FROM AANDERAA TAPE 689/12. | 60 M AT FOREST FERN, JOINT-I |
| 22 | DATA FROM AANDERAA TAPE 498/20. | 100 M AT FOREST FERN, JOINT-I |
| 23 | DATA FROM AANDERAA TAPE 454/24. | 150 M AT FOREST FERN, JOINT-I |
| 24 | DATA FROM AANDERAA TAPE 455/25. | 200 M AT FOREST FERN, JOINT-I |
| 25 | DATA FROM AANDERAA TAPE 500/24. | 300 M AT FOREST FERN, JOINT-I |
| 26 | DATA FROM AANDERAA TAPE 456/26. | 400 M AT FOREST FERN, JOINT-I |
| 27 | DATA FROM AANDERAA TAPE 072/17. | SFC BUOY AT FOREST FERN, JOINT-I. NOTE FOR |
| 28 | DATA FROM AANDERAA TAPE 597/12. | 20 M AT LUPINE, JOINT-I |
| 29 | DATA FROM AANDERAA TAPE 753/8. | 60 M AT LUPINE, JOINT-I |
| 30 | DATA FROM AANDERAA TAPE 452/23. | 100 M AT LUPINE, JOINT-I |
| 31 | DATA FROM AANDERAA TAPE 494/17. | 200 M AT LUPINE, JOINT-I |
| 32 | DATA FROM AANDERAA TAPE 495/23. | 300 M AT LUPINE, JOINT-I |
| 33 | DATA FROM AANDERAA TAPE 486/16. | 400 M AT LUPINE, JOINT-I |
| 34 | DATA FROM AANDERAA TAPE 0124/9. | SFC BUOY AT FOXGLOVE, JOINT-I |
| 35 | DATA FROM AANDERAA TAPE 911/1. | 18 M AT FOXGLOVE, JOINT-I |
| 36 | DATA FROM AANDERAA TAPE 912/1. | 30 M AT FOXGLOVE, JOINT-I |
| 37 | DATA FROM AANDERAA TAPE 914/1. | 50 M AT FOXGLOVE, JOINT-I |
| 38 | DATA FROM AANDERAA TAPE 915/1. | 75 M AT FOXGLOVE, JOINT-I |
| 39 | DATA FROM AANDERAA TAPE 790/1. | 100 M AT FOXGLOVE, JOINT-I |
| 40 | DATA FROM AANDERAA TAPE 791/1. | 150 M AT FOXGLOVE, JOINT-I |
| 41 | DATA FROM AANDERAA TAPE 453/26. | 200 M AT FOXGLOVE, JOINT-I |
| 42 | DATA FROM AANDERAA TAPE 990/1. | 300 M AT FOXGLOVE, JOINT-I |
| 43 | DATA FROM AANDERAA TAPE 910/1. | 400 M AT FOXGLOVE, JOINT-I |
| 44 | DATA FROM AANDERAA TAPE 792/1. | 500 M AT FOXGLOVE, JOINT-I |
| 45 | DATA FROM AANDERAA TAPE 913/1. | 17 M AT WEED, JOINT-I |
| 46 | DATA FROM AANDERAA TAPE 1026/1. | 25 M AT WEED, JOINT-I |
| 47 | DATA FROM AANDERAA TAPE 1027/1. | 35 M AT WEED, JOINT-I |
| 48 | DATA FROM AANDERAA TAPE 918/1. | 45 M AT WEED, JOINT-I |
| 49 | DATA FROM AANDERAA TAPE 1024/1. | 55 M AT WEED, JOINT-I |
| 50 | DATA FROM AANDERAA TAPE 1025/1. | 61 M AT WEED, JOINT-I |

This is a listing of the
header records from the
JOINT-I current and wind
tape.

NODC ACC. # 76-1418

Password:

| accNo | fleA | refNo | proj | inst | ship | startDate | cruise | catId |
|---------|------|--------|------|------|------|------------|--------|--------|
| 7601418 | L124 | BL2357 | 0071 | 3103 | 317F | 1974/03/17 | 748/7 | 300031 |
| 7601418 | L105 | BL2358 | 0071 | 3103 | 317F | 1974/02/24 | 686/15 | 300032 |
| 7601418 | L105 | BL2360 | 0071 | 3103 | 317F | 1974/03/17 | 755/8 | 300034 |
| 7601418 | L105 | BL2361 | 0071 | 3103 | 317F | 1974/02/23 | 746/9 | 300035 |
| 7601418 | L105 | BL2362 | 0071 | 3103 | 317F | 1974/03/24 | 686/16 | 300036 |
| 7601418 | L105 | BL2363 | 0071 | 3103 | 317F | 1974/03/05 | 751/8 | 300037 |
| 7601418 | L105 | BL2364 | 0071 | 3103 | 317F | 1974/03/16 | 910/1 | 300038 |
| 7601418 | L124 | BL2365 | 0071 | 3103 | 317F | 1974/03/04 | 918/1 | 300039 |
| 7601418 | L124 | BL2366 | 0071 | 3103 | 317F | 1974/03/05 | 750/8 | 300040 |
| 7601418 | L105 | BL2367 | 0071 | 3103 | 317F | 1974/03/24 | 689/12 | 300041 |
| 7601418 | L124 | BL2368 | 0071 | 3103 | 317F | 1974/03/16 | 791/1 | 300042 |
| 7601418 | L124 | BL2369 | 0071 | 3103 | 317F | 1974/03/24 | 498/20 | 300043 |
| 7601418 | L124 | BL2372 | 0071 | 3103 | 317F | 1974/03/06 | 753/8 | 300046 |
| 7601418 | L124 | BL2373 | 0071 | 3103 | 317F | 1974/02/24 | 686/15 | 300047 |
| 7601418 | L124 | BL2374 | 0071 | 3103 | 317F | 1974/03/05 | 751/8 | 300048 |
| 7601418 | L124 | BL2375 | 0071 | 3103 | 317F | 1974/03/04 | 1026/1 | 300049 |
| 7601418 | L105 | BL2376 | 0071 | 3103 | 317F | 1974/03/17 | 754/8 | 300050 |
| 7601418 | L105 | BL2377 | 0071 | 3103 | 317F | 1974/02/23 | 684/14 | 300051 |
| 7601418 | L124 | BL2378 | 0071 | 3103 | 317F | 1974/03/16 | 915/1 | 300052 |
| 7601418 | L124 | BL2379 | 0071 | 3103 | 317F | 1974/03/04 | 1024/1 | 300053 |
| 7601418 | L124 | BL2380 | 0071 | 3103 | 317F | 1974/03/17 | 755/8 | 300054 |
| 7601418 | L105 | BL2381 | 0071 | 3103 | 317F | 1974/03/16 | 792/1 | 300055 |
| 7601418 | L124 | BL2383 | 0071 | 3103 | 317F | 1974/02/23 | 684/14 | 300057 |
| 7601418 | L105 | BL2384 | 0071 | 3103 | 317F | 1974/03/16 | 911/1 | 300058 |
| 7601418 | L124 | BL2385 | 0071 | 3103 | 317F | 1974/03/04 | 1025/1 | 300059 |
| 7601418 | L124 | BL2386 | 0071 | 3103 | 317F | 1974/03/24 | 454/24 | 300060 |
| 7601418 | L124 | BL2387 | 0071 | 3103 | 317F | 1974/03/16 | 453/26 | 300061 |
| 7601418 | L105 | BL2388 | 0071 | 3103 | 317F | 1974/03/06 | 486/16 | 300062 |
| 7601418 | L105 | BL2389 | 0071 | 3103 | 317F | 1974/03/04 | 918/1 | 300063 |
| 7601418 | L124 | BL2390 | 0071 | 3103 | 317F | 1974/03/24 | 689/12 | 300064 |
| 7601418 | L105 | BL2391 | 0071 | 3103 | 317F | 1974/03/05 | 749/7 | 300065 |
| 7601418 | L105 | BL2393 | 0071 | 3103 | 317F | 1974/03/05 | 750/8 | 300067 |
| 7601418 | L105 | BL2394 | 0071 | 3103 | 317F | 1974/03/05 | 752/9 | 300068 |
| 7601418 | L124 | BL2395 | 0071 | 3103 | 317F | 1974/02/24 | 683/17 | 300069 |
| 7601418 | L105 | BL2396 | 0071 | 3103 | 317F | 1974/02/24 | 683/17 | 300070 |
| 7601418 | L105 | BL2397 | 0071 | 3103 | 317F | 1974/03/04 | 913/1 | 300071 |
| 7601418 | L124 | BL2399 | 0071 | 3103 | 317F | 1974/03/16 | 990/1 | 300073 |
| 7601418 | L105 | BL2400 | 0071 | 3103 | 317F | 1974/03/24 | 455/25 | 300074 |
| 7601418 | L124 | BL2402 | 0071 | 3103 | 317F | 1974/03/24 | 500/24 | 300076 |
| 7601418 | L105 | BL2403 | 0071 | 3103 | 317F | 1974/03/24 | 498/20 | 300077 |
| 7601418 | L105 | BL2404 | 0071 | 3103 | 317F | 1974/03/16 | 914/1 | 300078 |
| 7601418 | L105 | BL2406 | 0071 | 3103 | 317F | 1974/03/17 | 268/24 | 300080 |
| 7601418 | L105 | BL2407 | 0071 | 3103 | 317F | 1974/03/06 | 753/8 | 300081 |
| 7601418 | L105 | BL2408 | 0071 | 3103 | 317F | 1974/03/16 | 453/26 | 300082 |
| 7601418 | L124 | BL2409 | 0071 | 3103 | 317F | 1974/02/24 | 682/15 | 300083 |
| 7601418 | L105 | BL2410 | 0071 | 3103 | 317F | 1974/03/17 | 756/8 | 300084 |
| 7601418 | L124 | BL2411 | 0071 | 3103 | 317F | 1974/03/24 | 686/16 | 300085 |
| 7601418 | L105 | BL2413 | 0071 | 3103 | 317F | 1974/03/06 | 452/23 | 300087 |
| 7601418 | L124 | BL2415 | 0071 | 3103 | 317F | 1974/03/16 | 910/1 | 300089 |
| 7601418 | L124 | BL2416 | 0071 | 3103 | 317F | 1974/03/16 | 790/1 | 300090 |
| 7601418 | L124 | BL2417 | 0071 | 3103 | 317F | 1974/03/06 | 597/12 | 300091 |
| 7601418 | L105 | BL2418 | 0071 | 3103 | 317F | 1974/03/06 | 494/17 | 300092 |
| 7601418 | L124 | BL2419 | 0071 | 3103 | 317F | 1974/03/16 | 911/1 | 300093 |
| 7601418 | L124 | BL2420 | 0071 | 3103 | 317F | 1974/02/23 | 746/9 | 300094 |
| 7601418 | L105 | BL2421 | 0071 | 3103 | 317F | 1974/03/17 | 748/7 | 300095 |
| 7601418 | L105 | BL2422 | 0071 | 3103 | 317F | 1974/03/24 | 454/24 | 300096 |
| 7601418 | L105 | BL2423 | 0071 | 3103 | 317F | 1974/03/24 | 456/26 | 300097 |

| | | | | | | | | |
|---------|------|--------|------|------|------|------------|--------|--------|
| 7601418 | L105 | BL2424 | 0071 | 3103 | 317F | 1974/03/24 | 500/24 | 300098 |
| 7601418 | L124 | BL2425 | 0071 | 3103 | 317F | 1974/03/06 | 494/17 | 300099 |
| 7601418 | L124 | BL2426 | 0071 | 3103 | 317F | 1974/03/16 | 792/1 | 300100 |
| 7601418 | L105 | BL2427 | 0071 | 3103 | 317F | 1974/03/04 | 1025/1 | 300101 |
| 7601418 | L105 | BL2428 | 0071 | 3103 | 317F | 1974/03/16 | 790/1 | 300102 |
| 7601418 | L124 | BL2429 | 0071 | 3103 | 317F | 1974/03/05 | 752/9 | 300103 |
| 7601418 | L124 | BL2430 | 0071 | 3103 | 317F | 1974/03/17 | 756/8 | 300104 |
| 7601418 | L105 | BL2431 | 0071 | 3103 | 317F | 1974/03/16 | 990/1 | 300105 |
| 7601418 | L124 | BL2432 | 0071 | 3103 | 317F | 1974/03/17 | 268/24 | 300106 |
| 7601418 | L124 | BL2433 | 0071 | 3103 | 317F | 1974/03/16 | 914/1 | 300107 |
| 7601418 | L105 | BL2434 | 0071 | 3103 | 317F | 1974/03/06 | 597/12 | 300108 |
| 7601418 | L105 | BL2435 | 0071 | 3103 | 317F | 1974/03/17 | 912/1 | 300109 |
| 7601418 | L124 | BL2436 | 0071 | 3103 | 317F | 1974/03/06 | 486/16 | 300110 |
| 7601418 | L105 | BL2437 | 0071 | 3103 | 317F | 1974/03/16 | 915/1 | 300111 |
| 7601418 | L124 | BL2438 | 0071 | 3103 | 317F | 1974/03/05 | 749/7 | 300112 |
| 7601418 | L124 | BL2439 | 0071 | 3103 | 317F | 1974/03/24 | 455/25 | 300113 |
| 7601418 | L124 | BL2440 | 0071 | 3103 | 317F | 1974/03/04 | 913/1 | 300114 |
| 7601418 | L105 | BL2441 | 0071 | 3103 | 317F | 1974/03/06 | 495/23 | 300115 |
| 7601418 | L124 | BL2442 | 0071 | 3103 | 317F | 1974/03/17 | 754/8 | 300116 |
| 7601418 | L105 | BL2443 | 0071 | 3103 | 317F | 1974/03/05 | 747/9 | 300117 |
| 7601418 | L124 | BL2444 | 0071 | 3103 | 317F | 1974/03/24 | 456/26 | 300118 |
| 7601418 | L124 | BL2446 | 0071 | 3103 | 317F | 1974/03/06 | 452/23 | 300120 |
| 7601418 | L105 | BL2447 | 0071 | 3103 | 317F | 1974/02/24 | 682/15 | 300121 |
| 7601418 | L124 | BL2448 | 0071 | 3103 | 317F | 1974/03/04 | 1027/1 | 300122 |
| 7601418 | L124 | BL2449 | 0071 | 3103 | 317F | 1974/03/05 | 747/9 | 300123 |
| 7601418 | L124 | BL2451 | 0071 | 3103 | 317F | 1974/03/17 | 912/1 | 300125 |
| 7601418 | L105 | BL2452 | 0071 | 3103 | 317F | 1974/03/04 | 1027/1 | 300126 |
| 7601418 | L124 | BL2453 | 0071 | 3103 | 317F | 1974/03/06 | 495/23 | 300127 |
| 7601418 | L105 | BL2454 | 0071 | 3103 | 317F | 1974/03/04 | 1026/1 | 300128 |
| 7601418 | L105 | BL2455 | 0071 | 3103 | 317F | 1974/03/04 | 1024/1 | 300129 |
| 7601418 | L105 | BL2456 | 0071 | 3103 | 317F | 1974/03/16 | 791/1 | 300130 |
| 7601418 | L150 | BL2359 | 0071 | 3103 | 317F | 1974/02/24 | D74/11 | 300033 |
| 7601418 | L111 | BL2370 | 0071 | 3103 | 317F | 1974/03/17 | D126/5 | 300044 |
| 7601418 | L111 | BL2371 | 0071 | 3103 | 317F | 1974/02/23 | D72/16 | 300045 |
| 7601418 | L111 | BL2382 | 0071 | 3103 | 317F | 1974/03/17 | D125/3 | 300056 |
| 7601418 | L111 | BL2392 | 0071 | 3103 | 317F | 1974/03/07 | D124/9 | 300066 |
| 7601418 | L111 | BL2398 | 0071 | 3103 | 317F | 1974/02/24 | D74/11 | 300072 |
| 7601418 | L150 | BL2401 | 0071 | 3103 | 317F | 1974/03/07 | D124/9 | 300075 |
| 7601418 | L150 | BL2405 | 0071 | 3103 | 317F | 1974/02/23 | D72/16 | 300079 |
| 7601418 | L150 | BL2412 | 0071 | 3103 | 317F | 1974/03/24 | D72/17 | 300086 |
| 7601418 | L124 | BL2414 | 0071 | 3103 | 317F | 1974/03/24 | D72/17 | 300088 |
| 7601418 | L150 | BL2445 | 0071 | 3103 | 317F | 1974/03/17 | D125/3 | 300119 |
| 7601418 | L150 | BL2450 | 0071 | 3103 | 317F | 1974/03/17 | D126/5 | 300124 |

(100 rows affected)

Password:

| accNo | fileA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---------|-------|--------|------|--------|--------|-----------|----------|
| 7601418 | L124 | BL2357 | 317F | 5590 | 0 | 74/03/17 | 74/04/25 |
| 7601418 | L105 | BL2358 | 317F | 6049 | 0 | 74/02/24 | 74/03/17 |
| 7601418 | L105 | BL2360 | 317F | 5590 | 0 | 74/03/17 | 74/03/17 |
| 7601418 | L105 | BL2361 | 317F | 6258 | 0 | 74/02/23 | 74/03/17 |
| 7601418 | L105 | BL2362 | 317F | 3792 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L105 | BL2363 | 317F | 2912 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L105 | BL2364 | 317F | 2956 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2365 | 317F | 4768 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L124 | BL2366 | 317F | 2912 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L105 | BL2367 | 317F | 3790 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L124 | BL2368 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2369 | 317F | 3793 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L124 | BL2372 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L124 | BL2373 | 317F | 6049 | 0 | 74/02/24 | 74/03/17 |
| 7601418 | L124 | BL2374 | 317F | 2912 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L124 | BL2375 | 317F | 4768 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L105 | BL2376 | 317F | 5590 | 0 | 74/03/17 | 74/04/25 |
| 7601418 | L105 | BL2377 | 317F | 6258 | 0 | 74/02/23 | 74/03/17 |
| 7601418 | L124 | BL2378 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2379 | 317F | 4768 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L124 | BL2380 | 317F | 5590 | 0 | 74/03/17 | 74/03/17 |
| 7601418 | L105 | BL2381 | 317F | 2957 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2383 | 317F | 6258 | 0 | 74/02/23 | 74/03/17 |
| 7601418 | L105 | BL2384 | 317F | 2956 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2385 | 317F | 4768 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L124 | BL2386 | 317F | 3792 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L124 | BL2387 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L105 | BL2388 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L105 | BL2389 | 317F | 4768 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L124 | BL2390 | 317F | 3790 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L105 | BL2391 | 317F | 2912 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L105 | BL2393 | 317F | 2912 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L105 | BL2394 | 317F | 2863 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L124 | BL2395 | 317F | 6048 | 0 | 74/02/24 | 74/03/17 |
| 7601418 | L105 | BL2396 | 317F | 6048 | 0 | 74/02/24 | 74/03/17 |
| 7601418 | L105 | BL2397 | 317F | 4767 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L124 | BL2399 | 317F | 2956 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L105 | BL2400 | 317F | 3782 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L124 | BL2402 | 317F | 3782 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L105 | BL2403 | 317F | 3793 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L105 | BL2404 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L105 | BL2406 | 317F | 4627 | 0 | 74/03/17 | 74/04/18 |
| 7601418 | L105 | BL2407 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L105 | BL2408 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2409 | 317F | 6048 | 0 | 74/02/24 | 74/03/17 |
| 7601418 | L105 | BL2410 | 317F | 4627 | 0 | 74/03/17 | 74/04/18 |
| 7601418 | L124 | BL2411 | 317F | 3792 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L105 | BL2413 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L124 | BL2415 | 317F | 2956 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2416 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2417 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L105 | BL2418 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L124 | BL2419 | 317F | 2956 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2420 | 317F | 6258 | 0 | 74/02/23 | 74/03/17 |
| 7601418 | L105 | BL2421 | 317F | 5590 | 0 | 74/03/17 | 74/04/25 |
| 7601418 | L105 | BL2422 | 317F | 3792 | 0 | 74/03/24 | 74/04/19 |

| | | | | | | | |
|---------|------|--------|------|------|---|----------|----------|
| 7601418 | L105 | BL2423 | 317F | 3781 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L105 | BL2424 | 317F | 3782 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L124 | BL2425 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L124 | BL2426 | 317F | 2957 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L105 | BL2427 | 317F | 4768 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L105 | BL2428 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2429 | 317F | 2863 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L124 | BL2430 | 317F | 4627 | 0 | 74/03/17 | 74/04/18 |
| 7601418 | L105 | BL2431 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2432 | 317F | 4627 | 0 | 74/03/17 | 74/04/18 |
| 7601418 | L124 | BL2433 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L105 | BL2434 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L105 | BL2435 | 317F | 2922 | 0 | 74/03/17 | 74/04/06 |
| 7601418 | L124 | BL2436 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L105 | BL2437 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L124 | BL2438 | 317F | 2912 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L124 | BL2439 | 317F | 3782 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L124 | BL2440 | 317F | 4767 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L105 | BL2441 | 317F | 4477 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L124 | BL2442 | 317F | 5590 | 0 | 74/03/17 | 74/04/25 |
| 7601418 | L105 | BL2443 | 317F | 2912 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L124 | BL2444 | 317F | 3781 | 0 | 74/03/24 | 74/04/19 |
| 7601418 | L124 | BL2446 | 317F | 4476 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L105 | BL2447 | 317F | 6048 | 0 | 74/02/24 | 74/03/17 |
| 7601418 | L124 | BL2448 | 317F | 4767 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L124 | BL2449 | 317F | 2912 | 0 | 74/03/05 | 74/03/25 |
| 7601418 | L124 | BL2451 | 317F | 2922 | 0 | 74/03/17 | 74/04/06 |
| 7601418 | L105 | BL2452 | 317F | 4767 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L124 | BL2453 | 317F | 4477 | 0 | 74/03/06 | 74/04/06 |
| 7601418 | L105 | BL2454 | 317F | 4768 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L105 | BL2455 | 317F | 4768 | 0 | 74/03/04 | 74/04/06 |
| 7601418 | L105 | BL2456 | 317F | 2955 | 0 | 74/03/16 | 74/04/06 |
| 7601418 | L150 | BL2359 | 317F | 4880 | 0 | 74/02/24 | 74/03/13 |
| 7601418 | L111 | BL2370 | 317F | 1805 | 0 | 74/03/17 | 74/03/30 |
| 7601418 | L111 | BL2371 | 317F | 6251 | 0 | 74/02/23 | 74/03/17 |
| 7601418 | L111 | BL2382 | 317F | 4625 | 0 | 74/03/17 | 74/04/18 |
| 7601418 | L111 | BL2392 | 317F | 4301 | 0 | 74/03/07 | 74/04/06 |
| 7601418 | L111 | BL2398 | 317F | 4880 | 0 | 74/02/24 | 74/03/13 |
| 7601418 | L150 | BL2401 | 317F | 4301 | 0 | 74/03/07 | 74/04/06 |
| 7601418 | L150 | BL2405 | 317F | 6251 | 0 | 74/02/23 | 74/03/17 |
| 7601418 | L150 | BL2412 | 317F | 2299 | 0 | 74/03/24 | 74/04/10 |
| 7601418 | L124 | BL2414 | 317F | 2299 | 0 | 74/03/24 | 74/04/10 |
| 7601418 | L150 | BL2445 | 317F | 4625 | 0 | 74/03/17 | 74/04/18 |
| 7601418 | L150 | BL2450 | 317F | 1805 | 0 | 74/03/17 | 74/03/30 |

(100 rows affected)

NOAA FORM 24-13 19 JUL 76 - 1 TAPE

ACCESSION
NUMBER

26-1418

Given to Betty N.

31 AUG 76

DATA DOCUMENTATION FORM NODC TAPE # 8905

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.

R/V GILLISS (SET 8 RETRIEVED CURRENT METERS)

PILLSBURY, R.D., BUTTARO, J.S., STILL, R.E. & MITTELSTAEDT, E. (DEC 1974)
A COMPILATION OF OBSERVATIONS FROM MOORED CURRENT METERS
ORIGINATOR IDENTIFICATION VOL VIII WIND, CURRENTS AND TEMPERATURE OFF NW AFRICA ALONG 21°40'N DURING

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

School of Oceanography
Oregon State University

DATA REPORT 62, OREGON
STATE U. REF 74-20
143 P.

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

JOINT-I experiment of the
CUEA group; sponsored by
NSF/IDOE

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

n/a

4. PLATFORM NAME(S)

n/a

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

Buoys containing
Aanderaa current
and wind meters

6. PLATFORM AND OPERATOR
NATIONALITY(IES)

7. DATES

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

2/23/74 4/25/74

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

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

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

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

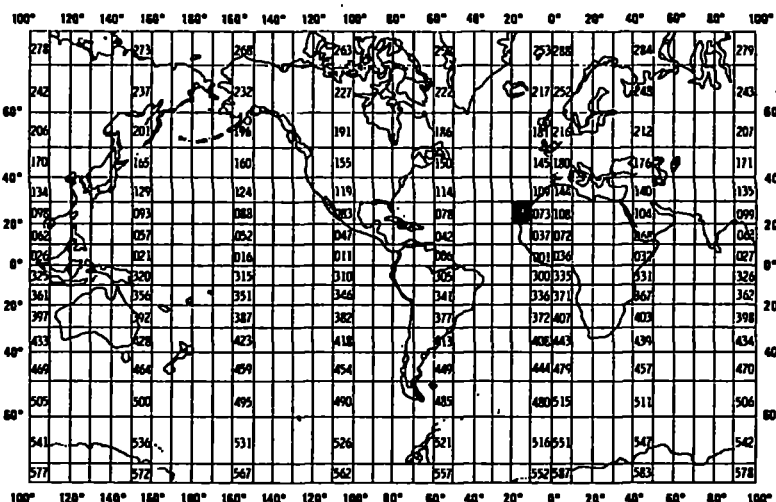
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

☐ NO ☒ YES ☐ PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Joseph Buttaro

503 / 754 - 2209



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 |
|--------------------|-------------------------|--|--|---|
| current speed | cm/sec | Aanderaa RCM-4 | — | — |
| " direction | degrees true (towards) | " | — | — |
| water temp. | deg. cent. | " | — | — |
| salinity | parts/1000 | " | — | computed from temp, conductivity, and pressure (see Journal of Geophys. Res. V 77 # 3, p. 6618) |
| pressure | newtons/m ² | " | — | — |
| wind speed | meters/sec | Aanderaa datalogger and sensors | — | — |
| " direction | deg. true | " | — | — |
| air temp | deg. cent. | " | — | — |
| ice water temp | " | " | — | — |

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.

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

Header record — 88 BCD characters (bytes)

Data record — 50 80-character card images blocked into a single 4000-character physical magtape record. The final data record of a file may contain fewer than 50 card images.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The tape contains 50 files. Each file consists of a header record followed by many data records, and is terminated by a single EOF.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Joseph Buttoro 503/754-7209
ADDRESS School of Oceanography, OSU, Corvallis, Oregon

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>JOINT-I current and wind data from OSU current meter group</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>4000</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6</p> |

RECORD FORMAT DESCRIPTION

RECORD NAME Data (see card image)

| 14. FIELD NAME | 15. POSITION FROM -1 MEASURED IN <u>chars</u> (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|----------------|--|------------|-------|----------------|---|
| | | NUMBER | UNITS | | |
| hour | 1 | 5 | char. | I5 | 0000 through 2359 |
| day | 6 | 3 | " | I3 | 1 through 31 |
| month | 9 | 3 | " | " | 1 through 12 |
| year | 12 | 3 | " | " | always 74 |
| speed | 15 | 5 | " | F5.1 | current or wind speed |
| direction | 20 | 5 | " | F5.0 | " " " direction |
| u | 25 | 6 | " | F6.1 | eastward component |
| v | 31 | 6 | " | F6.1 | northward component |
| temperature | 37 | 7 | " | F7.2 | water temp if from a current meter; air temp if from a wind meter |
| pressure | 44 | 9 | " | F9.0 | atmospheric plus water column pressure; present only with some current meters |
| salinity | 53 | 8 | " | F8.3 | present only with some current meters |
| temperature | 44 | 7 | " | F7.2 | surface water temperature if from a surface (wind) meter |

RECORD FORMAT DESCRIPTION

RECORD NAME data

| 14. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|--|---|------------|-------|----------------|---------------------------------------|
| | | NUMBER | UNITS | | |
| line count | varies | 6 | char. | I6 | at extreme right of each data line |
| note : all directions are the directions <u>toward</u> which the current or wind moved | | | | | |

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 (✓) | |
| Aanderaa RCM-4 | | ✓ | | | | ✓ | | | |
| Aanderaa weather sta. | | ✓ | | | | ✓ | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

File No.: 1

AANDERAA Meter and Tape No.: D72/16
(meter/tape)

Buoy Installation Name: RHODODENDRON I Lat/Long: 21° 40.2' N
17° 08.3' W

Beginning Date: 23 FEBRUARY 74

Ending Date: 17 MARCH 74

Meter Depth: SURFACE

Parameters Measured:

Data Points:

WIND SPEED 6251

AIR TEMPERATURE 6251

SURFACE WATER TEMPERATURE 6251

File No.: 2

AANDERAA Meter and Tape No.: 746/9
(meter/tape)

Buoy Installation Name: RHODODENDRON I Lat/Long: 21° 40.2' N
17° 08.3' W

Beginning Date: 23 FEBRUARY 74

Ending Date: 17 MARCH 74

Meter Depth: 20 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 6258

CURRENT SPEED 6258

U COMPONENT 6258

V COMPONENT 6258

TEMPERATURE 6258

PRESSURE 6258

SALINITY 6258

File No.: 3

AANDERAA Meter and Tape No.: 684/14
(meter/tape)

Buoy Installation Name: RHODODENDRON I Lat/Long: 21° 40.2' N

17° 08.3' W

Beginning Date: 23 FEBRUARY 74

Ending Date: 17 MARCH 74

Meter Depth: 35 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 6258

CURRENT SPEED 6258

U COMPONENT 6258

V COMPONENT 6258

TEMPERATURE 6258

PRESSURE 6258

SALINITY 6258

File No.: 4

AANDERAA Meter and Tape No.: D125/3
(meter/tape)

Buoy Installation Name: RHODODENDRON II Lat/Long: 21° 39.2' N

17° 08.8' W

Beginning Date: 17 MARCH 74

Ending Date: 18 APRIL 74

Meter Depth: SURFACE

Parameters Measured:

Data Points:

WIND DIRECTION 4625

WIND SPEED 4625

U COMPONENT (WIND) 4625

V COMPONENT (WIND) 4625

AIR TEMPERATURE 4625

SURFACE WATER TEMPERATURE 4625

File No.: 5

AANDERAA Meter and Tape No.: 268/24
(meter/tape)

Buoy Installation Name: RHODODENDRON II Lat/Long: 21° 39.2' N
17° 08.8' W

Beginning Date: 17 MARCH 74

Ending Date: 18 APRIL 74

Meter Depth: 20 m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4627</u> |
| <u>CURRENT SPEED</u> | <u>4627</u> |
| <u>U COMPONENT</u> | <u>4627</u> |
| <u>V COMPONENT</u> | <u>4627</u> |
| <u>TEMPERATURE</u> | <u>4627</u> |
| <u>SALINITY</u> | <u>4627</u> |

File No.: 6

AANDERAA Meter and Tape No.: 756/8
(meter/tape)

Buoy Installation Name: RHODODENDRON II Lat/Long: 21° 39.2' N
17° 08.8' W

Beginning Date: 17 MARCH 74

Ending Date: 18 APRIL 74

Meter Depth: 35 m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4627</u> |
| <u>CURRENT SPEED</u> | <u>4627</u> |
| <u>U COMPONENT</u> | <u>4627</u> |
| <u>V COMPONENT</u> | <u>4627</u> |
| <u>TEMPERATURE</u> | <u>4627</u> |
| <u>PRESSURE</u> | <u>4627</u> |

File No.: 7

AANDERAA Meter and Tape No.: D74/11
(meter/tape)

Buoy Installation Name: URBINIA I Lat/Long: 21° 40.6' N
17° 17.8' W

Beginning Date: 24 FEBRUARY 74

Ending Date: 13 MARCH 74

Meter Depth: SURFACE

Parameters Measured:

Data Points:

| | |
|----------------------------------|-------------|
| <u>WIND DIRECTION</u> | <u>4880</u> |
| <u>WIND SPEED</u> | <u>4880</u> |
| <u>U COMPONENT (WIND)</u> | <u>4880</u> |
| <u>V COMPONENT (WIND)</u> | <u>4880</u> |
| <u>AIR TEMPERATURE</u> | <u>4880</u> |
| <u>SURFACE WATER TEMPERATURE</u> | <u>4880</u> |

File No.: 8

AANDERAA Meter and Tape No.: 685/15
(meter/tape)

Buoy Installation Name: URBINIA I Lat/Long: 21° 40.6' N
17° 17.8' W

Beginning Date: 24 FEBRUARY 74

Ending Date: 17 MARCH 74

Meter Depth: 20m

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>6049</u> |
| <u>CURRENT SPEED</u> | <u>6049</u> |
| <u>U COMPONENT</u> | <u>6049</u> |
| <u>V COMPONENT</u> | <u>6049</u> |
| <u>TEMPERATURE</u> | <u>6049</u> |
| <u>PRESSURE</u> | <u>6049</u> |
| <u>SALINITY</u> | <u>6049</u> |

File No.: 9

AANDERAA Meter and Tape No.: 683/17
(meter/tape)

Buoy Installation Name: URBINIA I Lat/Long: 21°40.6' N
17°17.8' W

Beginning Date: 24 FEBRUARY 74

Ending Date: 17 MARCH 74

Meter Depth: 40 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 6048

CURRENT SPEED 6048

U COMPONENT 6048

V COMPONENT 6048

TEMPERATURE 6048

PRESSURE 6048

SALINITY 6048

File No.: 10

AANDERAA Meter and Tape No.: 682/15
(meter/tape)

Buoy Installation Name: URBINIA I Lat/Long: 21°40.6' N
17°17.8' W

Beginning Date: 24 FEBRUARY 74

Ending Date: 17 MARCH 74

Meter Depth: 60 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 6048

CURRENT SPEED 6048

U COMPONENT 6048

V COMPONENT 6048

TEMPERATURE 6048

PRESSURE 6048

SALINITY 6048

File No.: 11

AANDERAA Meter and Tape No.: D126/5
(meter/tape)

Buoy Installation Name: URBINIA II Lat/Long: 21° 40.0' N
17° 17.8' W

Beginning Date: 17 MARCH 74

Ending Date: 30 MARCH 74

Meter Depth: SURFACE

Parameters Measured:

Data Points:

WIND DIRECTION 1805
WIND SPEED 1805
U COMPONENT (WIND) 1805
V COMPONENT (WIND) 1805
SURFACE WATER TEMPERATURE 1805

File No.: 12

AANDERAA Meter and Tape No.: 748/7
(meter/tape)

Buoy Installation Name: URBINIA II Lat/Long: 21° 40.0' N
17° 17.8' W

Beginning Date: 17 MARCH 74

Ending Date: 25 APRIL 74

Meter Depth: 20 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 5590
CURRENT SPEED 5590
U COMPONENT 5590
V COMPONENT 5590
TEMPERATURE 5590
PRESSURE 5590
SALINITY 5590

File No.: 13

AANDERAA Meter and Tape No.: 754/8
(meter/tape)

Buoy Installation Name: URBINIA II

Lat/Long: 21° 40.0' N
17° 17.8' W

Beginning Date: 17 MARCH 74

Ending Date: 25 APRIL 74

Meter Depth: 40 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 5590

CURRENT SPEED 5590

U COMPONENT 5590

V COMPONENT 5590

TEMPERATURE 5590

PRESSURE 5590

SALINITY 5590

File No.: 14

AANDERAA Meter and Tape No.: 755/8
(meter/tape)

Buoy Installation Name: URBINIA II

Lat/Long: 21° 40.0' N
17° 17.8' W

Beginning Date: 17 MARCH 74

Ending Date: 17 MARCH 74

Meter Depth: 60 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 5590

CURRENT SPEED 5590

U COMPONENT 5590

V COMPONENT 5590

TEMPERATURE 5590

PRESSURE 5590

SALINITY 5590

File No.: 15

AANDERAA Meter and Tape No.: 747/9
(meter/tape)

Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' W

Beginning Date: 5 MARCH 74

Ending Date: 25 MARCH 74

Meter Depth: 20 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 2912

CURRENT SPEED 2912

U COMPONENT 2912

V COMPONENT 2912

TEMPERATURE 2912

PRESSURE 2912

SALINITY 2912

File No.: 16

AANDERAA Meter and Tape No.: 749/7
(meter/tape)

Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' W

Beginning Date: 5 MARCH 74

Ending Date: 25 MARCH 74

Meter Depth: 40 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 2912

CURRENT SPEED 2912

U COMPONENT 2912

V COMPONENT 2912

TEMPERATURE 2912

PRESSURE 2912

SALINITY 2912

File No.: 17

AANDERAA Meter and Tape No.: 750/8
(meter/tape)

Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' W

Beginning Date: 5 MARCH 74

Ending Date: 25 MARCH 74

Meter Depth: 60 m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>2912</u> |
| <u>CURRENT SPEED</u> | <u>2912</u> |
| <u>U COMPONENT</u> | <u>2912</u> |
| <u>V COMPONENT</u> | <u>2912</u> |
| <u>TEMPERATURE</u> | <u>2912</u> |
| <u>PRESSURE</u> | <u>2912</u> |
| <u>SALINITY</u> | <u>2912</u> |

File No.: 18

AANDERAA Meter and Tape No.: 751/8
(meter/tape)

Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' W

Beginning Date: 5 MARCH 74

Ending Date: 25 MARCH 74

Meter Depth: 80 m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>2912</u> |
| <u>CURRENT SPEED</u> | <u>2912</u> |
| <u>U COMPONENT</u> | <u>2912</u> |
| <u>V COMPONENT</u> | <u>2912</u> |
| <u>TEMPERATURE</u> | <u>2912</u> |
| <u>PRESSURE</u> | <u>2912</u> |
| <u>SALINITY</u> | <u>2912</u> |

File No.: 19

AANDERAA Meter and Tape No.: 752/9
(meter/tape)

Buoy Installation Name: OREGON GRAPE Lat/Long: 21° 44.2' N
17° 24.8' W

Beginning Date: 5 MARCH 74

Ending Date: 25 MARCH 74

Meter Depth: 97m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>2863</u> |
| <u>CURRENT SPEED</u> | <u>2863</u> |
| <u>U COMPONENT</u> | <u>2863</u> |
| <u>V COMPONENT</u> | <u>2863</u> |
| <u>TEMPERATURE</u> | <u>2863</u> |
| <u>PRESSURE</u> | <u>2863</u> |
| <u>SALINITY</u> | <u>2863</u> |

File No.: 20

AANDERAA Meter and Tape No.: 686/16
(meter/tape)

Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N
17° 46.0' W

Beginning Date: 24 MARCH 74

Ending Date: 19 APRIL 74

Meter Depth: 20m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>3792</u> |
| <u>CURRENT SPEED</u> | <u>3792</u> |
| <u>U COMPONENT</u> | <u>3792</u> |
| <u>V COMPONENT</u> | <u>3792</u> |
| <u>TEMPERATURE</u> | <u>3792</u> |
| <u>PRESSURE</u> | <u>3792</u> |
| <u>SALINITY</u> | <u>3792</u> |

File No.: 21

AANDERAA Meter and Tape No.: 689/12
(meter/tape)

Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N
17° 46.0' W

Beginning Date: 24 MARCH 74

Ending Date: 19 APRIL 74

Meter Depth: 60 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 3790

CURRENT SPEED 3790

U COMPONENT 3790

V COMPONENT 3790

TEMPERATURE 3790

PRESSURE 3790

SALINITY 3790

File No.: 22

AANDERAA Meter and Tape No.: 498/20
(meter/tape)

Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N
17° 46.0' W

Beginning Date: 24 MARCH 74

Ending Date: 19 APRIL 74

Meter Depth: 100 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 3793

CURRENT SPEED 3793

U COMPONENT 3793

V COMPONENT 3793

TEMPERATURE 3793

PRESSURE 3793

File No.: 23

AANDERAA Meter and Tape No.: 454/24
(meter/tape)

Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N
17° 46.0' W

Beginning Date: 24 MARCH 74

Ending Date: 19 APRIL 74

Meter Depth: 150 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 3792

CURRENT SPEED 3792

U COMPONENT 3792

V COMPONENT 3792

TEMPERATURE 3792

File No.: 24

AANDERAA Meter and Tape No.: 455/25
(meter/tape)

Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N
17° 46.0' W

Beginning Date: 24 MARCH 74

Ending Date: 19 APRIL 74

Meter Depth: 200 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 3782

CURRENT SPEED 3,782

U COMPONENT 3,782

V COMPONENT 3,782

TEMPERATURE 3,782

File No.: 25

AANDERAA Meter and Tape No.: 500/24
(meter/tape)

Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N

17° 46.0' W

Beginning Date: 24 MARCH 74

Ending Date: 19 APRIL 74

Meter Depth: 300 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 3,782

CURRENT SPEED 3,782

U COMPONENT 3,782

V COMPONENT 3,782

TEMPERATURE 3,782

PRESSURE 3,782

File No.: 26

AANDERAA Meter and Tape No.: 456/26
(meter/tape)

Buoy Installation Name: FOREST FERN Lat/Long: 21° 36.3' N

17° 46.0' W

Beginning Date: 24 MARCH 74

Ending Date: 19 APRIL 74

Meter Depth: 400 m.

Parameters Measured:

Data Points:

CURRENT SPEED 3,781

TEMPERATURE 3,781

File No.: 27

AANDERAA Meter and Tape No.:
(meter/tape)

D72/17

Buoy Installation Name: FOREST FERN

Lat/Long: 21° 36.3' N
17° 46.0' W

Beginning Date: 24 MARCH 74

Ending Date: 10 APRIL 74

Meter Depth: SURFACE

Parameters Measured:

Data Points:

WIND DIRECTION

WIND SPEED

U COMPONENT (WIND)

V COMPONENT (WIND)

PRESSURE (WATER)

File No.: 28

AANDERAA Meter and Tape No.:
(meter/tape)

5.91/12

Buoy Installation Name: LUPINE

Lat/Long: 21° 40.9' N
17° 29.7' W

Beginning Date: 6 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 20m

Parameters Measured:

Data Points:

CURRENT DIRECTION 4476

CURRENT SPEED 4476

U COMPONENT 4476

V COMPONENT 4476

TEMPERATURE 4476

NOTE: THE
FIRST 8
RECORDS IN THE
FIRST DATA
BLOCK ARE
FREE TEXT
COMMENTS

File No.: 29

AANDERAA Meter and Tape No.: 753/8
(meter/tape)

Buoy Installation Name: LUPINE Lat/Long: 21° 40.9' N

Beginning Date: 6 MAR. 74

17° 29.7' W

Ending Date: 6 APRIL 74

Meter Depth: 60 m

Parameters Measured:

Data Points:

| | |
|-------------------|------|
| CURRENT DIRECTION | 4476 |
| CURRENT SPEED | 4476 |
| U COMPONENT | 4476 |
| V COMPONENT | 4476 |
| TEMPERATURE | 4476 |
| PRESSURE | 4476 |
| SALINITY | 4476 |

File No.: 30

AANDERAA Meter and Tape No.: 452/23
(meter/tape)

Buoy Installation Name: LUPINE Lat/Long: 21° 40.9' N

17° 29.7' W

Beginning Date: 6 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 100 m.

Parameters Measured:

Data Points:

| | |
|-------------------|------|
| CURRENT DIRECTION | 4476 |
| CURRENT SPEED | 4476 |
| U COMPONENT | 4476 |
| V COMPONENT | 4476 |
| TEMPERATURE | 4476 |

File No.: 31

AANDERAA Meter and Tape No.: 494/17
(meter/tape)

Buoy Installation Name: LUPINE

Lat/Long: 21° 40.9' N
17° 29.7' W

Beginning Date: 6 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 200m

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4476</u> |
| <u>CURRENT SPEED</u> | <u>4476</u> |
| <u>U COMPONENT</u> | <u>4476</u> |
| <u>V COMPONENT</u> | <u>4476</u> |
| <u>TEMPERATURE</u> | <u>4476</u> |
| <u> </u> | <u> </u> |
| <u> </u> | <u> </u> |

File No.: 32

AANDERAA Meter and Tape No.: 495/23
(meter/tape)

Buoy Installation Name: LUPINE

Lat/Long: 21° 40.9' N
17° 29.7' W

Beginning Date: 6 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 300m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4477</u> |
| <u>CURRENT SPEED</u> | <u>4477</u> |
| <u>U COMPONENT</u> | <u>4477</u> |
| <u>V COMPONENT</u> | <u>4477</u> |
| <u>TEMPERATURE</u> | <u>4477</u> |
| <u>PRESSURE</u> | <u>4477</u> |
| <u> </u> | <u> </u> |

File No.: 33

AANDERAA Meter and Tape No.: 486/16
(meter/tape)

Buoy Installation Name: LUPINE

Lat/Long: 21° 40.9' N
17° 29.7' W

Beginning Date: 6 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 400 m

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4476</u> |
| <u>CURRENT SPEED</u> | <u>4476</u> |
| <u>U COMPONENT</u> | <u>4476</u> |
| <u>V COMPONENT</u> | <u>4476</u> |
| <u>TEMPERATURE</u> | <u>4476</u> |

File No.: 34

AANDERAA Meter and Tape No.: D124/9
(meter/tape)

Buoy Installation Name: FOXGLOVE

Lat/Long: 21° 40.5' N
17° 57.2' N

Beginning Date: 7 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: SURFACE

Parameters Measured:

Data Points:

| | |
|----------------------------------|-------------|
| <u>WIND SPEED</u> | <u>4301</u> |
| <u>AIR TEMPERATURE</u> | <u>4301</u> |
| <u>SURFACE WATER TEMPERATURE</u> | <u>4301</u> |

File No.: 35

AANDERAA Meter and Tape No.: 911/1
(meter/tape)

Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N

17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 18 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 2956

CURRENT SPEED 2956

U COMPONENT 2956

V COMPONENT 2956

TEMPERATURE 2956

PRESSURE 2956

File No.: 36

AANDERAA Meter and Tape No.: 912/1
(meter/tape)

Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N

17° 57.2' W

Beginning Date: 17 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 30 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 2922

CURRENT SPEED 2922

U COMPONENT 2922

V COMPONENT 2922

TEMPERATURE 2922

PRESSURE 2922

File No.: 37

AANDERAA Meter and Tape No.: 914/1
(meter/tape)

Buoy Installation Name: FOXGLOVE

Lat/Long: 21° 40.5' N
17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 50m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 2955

CURRENT SPEED 2955

U COMPONENT 2955

V COMPONENT 2955

TEMPERATURE 2955

File No.: 38

AANDERAA Meter and Tape No.: 915/1
(meter/tape)

Buoy Installation Name: FOXGLOVE

Lat/Long: 21° 40.5' N
17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 75m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 2955

CURRENT SPEED 2955

U COMPONENT 2955

V COMPONENT 2955

TEMPERATURE 2955

File No.: 39

AANDERAA Meter and Tape No.: 790/1
(meter/tape)

Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N
17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 100 m.

Parameters Measured:

Data Points:

| | |
|-------------------|------|
| CURRENT DIRECTION | 2955 |
| CURRENT SPEED | 2955 |
| U COMPONENT | 2955 |
| V COMPONENT | 2955 |
| TEMPERATURE | 2955 |
| PRESSURE | 2955 |

File No.: 40

AANDERAA Meter and Tape No.: 791/1
(meter/tape)

Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N
17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 150 m.

Parameters Measured:

Data Points:

| | |
|-------------------|------|
| CURRENT DIRECTION | 2955 |
| CURRENT SPEED | 2955 |
| U COMPONENT | 2955 |
| V COMPONENT | 2955 |
| TEMPERATURE | 2955 |
| PRESSURE | 2955 |

File No.: 41

AANDERAA Meter and Tape No.: 453/26
(meter/tape)

Buoy Installation Name: FOXGLOVE

Lat/Long: 21° 40.5' N
17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 200 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 2955

CURRENT SPEED 2955

U COMPONENT 2955

V COMPONENT 2955

TEMPERATURE 2955

File No.: 42

AANDERAA Meter and Tape No.: 990/1
(meter/tape)

Buoy Installation Name: FOXGLOVE

Lat/Long: 21° 40.5' N
17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 300 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 2956

CURRENT SPEED 2956

U COMPONENT 2956

V COMPONENT 2956

TEMPERATURE 2956

PRESSURE 2956

File No.: 43

AANDERAA Meter and Tape No.: 910/1
(meter/tape)

Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N
17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 400 m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>2956</u> |
| <u>CURRENT SPEED</u> | <u>2956</u> |
| <u>U COMPONENT</u> | <u>2956</u> |
| <u>V COMPONENT</u> | <u>2956</u> |
| <u>TEMPERATURE</u> | <u>2956</u> |
| <u>PRESSURE</u> | <u>2956</u> |

File No.: 44

AANDERAA Meter and Tape No.: 792/1
(meter/tape)

Buoy Installation Name: FOXGLOVE Lat/Long: 21° 40.5' N
17° 57.2' W

Beginning Date: 16 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 500 m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>2957</u> |
| <u>CURRENT SPEED</u> | <u>2957</u> |
| <u>U COMPONENT</u> | <u>2957</u> |
| <u>V COMPONENT</u> | <u>2957</u> |
| <u>TEMPERATURE</u> | <u>2957</u> |
| <u>PRESSURE</u> | <u>2957</u> |

File No.: 45

AANDERAA Meter and Tape No.: 913/1
(meter/tape)

Buoy Installation Name: WEED Lat/Long: 21° 39.5' N

17° 17.5' W

Beginning Date: 4 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 17 m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4767</u> |
| <u>CURRENT SPEED</u> | <u>4767</u> |
| <u>U COMPONENT</u> | <u>4767</u> |
| <u>V COMPONENT</u> | <u>4767</u> |
| <u>TEMPERATURE</u> | <u>4767</u> |
| <u>PRESSURE</u> | <u>4767</u> |

File No.: 46

AANDERAA Meter and Tape No.: 1026/1
(meter/tape)

Buoy Installation Name: WEED Lat/Long: 21° 39.5' N

17° 17.5' W

Beginning Date: 4 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 25 m.

Parameters Measured:

Data Points:

| | |
|--------------------------|-------------|
| <u>CURRENT DIRECTION</u> | <u>4768</u> |
| <u>CURRENT SPEED</u> | <u>4768</u> |
| <u>U COMPONENT</u> | <u>4768</u> |
| <u>V COMPONENT</u> | <u>4768</u> |
| <u>TEMPERATURE</u> | <u>4768</u> |

File No.: 47

AANDERAA Meter and Tape No.: 1027/1
(meter/tape)

Buoy Installation Name: WEED

Lat/Long: 21° 39.5' N
17° 17.5' W

Beginning Date: 4 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 35 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 4767

CURRENT SPEED 4767

U COMPONENT 4767

V COMPONENT 4767

TEMPERATURE 4767

File No.: 48

AANDERAA Meter and Tape No.: 918/1
(meter/tape)

Buoy Installation Name: WEED

Lat/Long: 21° 39.5' N
17° 17.5' W

Beginning Date: 4 MARCH 74

Ending Date: 6 APRIL 74

Meter Depth: 45 m.

Parameters Measured:

Data Points:

CURRENT DIRECTION 4768

TEMPERATURE 4768

File No.: 49

AANDERAA Meter and Tape No.: 1024/1
(meter/tape)

Buoy Installation Name: WEED Lat/Long: 21° 39.5' N

Beginning Date: 1 MARCH 74 17° 17.5' W

Ending Date: 6 APRIL 74 Meter Depth: 55 m

Parameters Measured:

Data Points:

| | |
|-------------------|------|
| CURRENT DIRECTION | 4768 |
| CURRENT SPEED | 4768 |
| U COMPONENT | 4768 |
| V COMPONENT | 4768 |
| TEMPERATURE | 4768 |
| PRESSURE | 4768 |

File No.: 50

AANDERAA Meter and Tape No.: 1025/1
(meter/tape)

Buoy Installation Name: WEED Lat/Long: 21° 39.5' N

Beginning Date: 4 MARCH 74 17° 17.5' W

Ending Date: 6 APRIL 74 Meter Depth: 61 m

Parameters Measured:

Data Points:

| | |
|-------------------|------|
| CURRENT DIRECTION | 4768 |
| CURRENT SPEED | 4768 |
| U COMPONENT | 4768 |
| V COMPONENT | 4768 |
| TEMPERATURE | 4768 |
| PRESSURE | 4768 |