

DATA DOCUMENTATION FORM

318382 C100

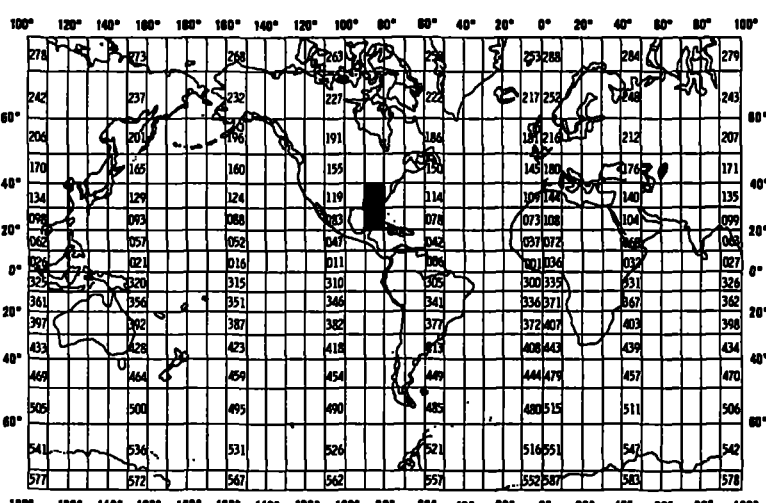
327061 - 327070 C100

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

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

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 <i>Marine Science Programs University of Alabama Box 386 Dauphin Island, Alabama 36528</i> | | | | | | | | | | | |
|---|--|--|----------|----------|------------|------------|---|-----------------|---------------|----------------|-----------------|
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>University of Alabama - Alabama Estuarine and Continental Shelf Oceanographic Survey (AECSOS)</i> | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>A-73-36, A-73-67, A-74-12 ✓ A-73-39, A-73-69, A-74-24 ✓ A-73-52, A-73-69, A-74-36 ✓ A-73-64, A-74-4, A-74-47 ✓</i> | | | | | | | | | |
| 4. PLATFORM NAME(S) <i>R/V AQUARIUS</i> | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>SHIP</i> | 6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td><i>USA</i></td><td><i>USA</i></td></tr></tbody></table> | PLATFORM | OPERATOR | <i>USA</i> | <i>USA</i> | 7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td><i>7/01/73</i></td><td><i>10/19/74</i></td></tr></tbody></table> | FROM: MO/DAY/YR | TO: MO/DAY/YR | <i>7/01/73</i> | <i>10/19/74</i> |
| PLATFORM | OPERATOR | | | | | | | | | | |
| <i>USA</i> | <i>USA</i> | | | | | | | | | | |
| FROM: MO/DAY/YR | TO: MO/DAY/YR | | | | | | | | | | |
| <i>7/01/73</i> | <i>10/19/74</i> | | | | | | | | | | |
| 8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____ | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA  | | | | | | | | | |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW) | | | | | | | | | | | |
| 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <i>MESC Data Processing Coordinator Box 386 Dauphin Island, Alabama 36528 (205) 861-3702</i> | | | | | | | | | | | |

B. SCIENTIFIC CONTENT

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

EXAMPLE (HYPOTHETICAL INFORMATION)

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

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

B. SCIENTIFIC CONTENT

| NAME OF DATA FIELD | REPORTING UNITS OR CODE | METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL) | ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES | DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING |
|-------------------------------------|----------------------------------|--|--|---|
| Temperature | Degrees Centigrade | Hydrolab Surveyor* Model 6-D | N/A | N/A |
| Salinity | ‰ | Hydrolab Surveyor* Model 6-D | N/A | N/A |
| Dissolved Oxygen | PPM | Hydrolab Surveyor* Model 6-D | N/A | N/A |
| * point to point vertical profiling | | | | |

B. SCIENTIFIC CONTENT

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

C. DATA FORMAT

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

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

C. DATA FORMAT

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

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

Punch cards NODC Ocean Station Format

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD FORMAT DESCRIPTION

RECORD NAME

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

RECORD FORMAT DESCRIPTION

RECORD NAME

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

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 (✓) | |
| MODEL 6-D IN-SITU WATER QUALITY ANALYZER (SURVEYOR) Hydrolab Corp. Austin, Tx. | | ✓ | | ✓ 3 months Multi-point Full Range 9-22-74 | | ✓ Limited number of points | | | |
| | | | | | | 11-15-74 | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |

Password: .

| accNo | fileA | refNo | proj | inst | ship | startDate | cruise | catId |
|---------|-------|--------|------|------|------|------------|--------|--------|
| 7400820 | C100 | 318382 | 0070 | 31F5 | 318B | 1973/05/03 | 7306 | 285586 |
| 7400820 | C100 | 327061 | 0070 | 31F5 | 32GR | 1971/03/16 | 7103 | 285587 |
| 7400820 | C100 | 327062 | 0070 | 31F5 | 32AQ | 1973/11/20 | 7367 | 285588 |
| 7400820 | C100 | 327063 | 0070 | 31F5 | 32AQ | 1973/07/09 | 7339 | 285589 |
| 7400820 | C100 | 327064 | 0070 | 31F5 | 32AQ | 1973/07/01 | 7336 | 285590 |
| 7400820 | C100 | 327065 | 0070 | 31F5 | 32AQ | 1973/12/08 | 7368 | 285591 |
| 7400820 | C100 | 327066 | 0070 | 31F5 | 32AQ | 1973/12/13 | 7369 | 285592 |
| 7400820 | C100 | 327067 | 0070 | 31F5 | 32AQ | 1974/07/02 | 7424 | 285593 |
| 7400820 | C100 | 327068 | 0070 | 31F5 | 32AQ | 1974/04/26 | 7412 | 285594 |
| 7400820 | C100 | 327069 | 0070 | 31F5 | 32AQ | 1974/08/02 | 7436 | 285595 |
| 7400820 | C100 | 327070 | 0070 | 31F5 | 32AQ | 1974/10/18 | 7447 | 285596 |

(11 rows affected)

Password:

| accNo | fileA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---------|-------|--------|------|--------|--------|-------------|-------------|
| 7400820 | C100 | 318382 | 318B | 4 | 8 | May 3 1973 | May 6 1973 |
| 7400820 | C100 | 327061 | 32GR | 11 | 9 | Mar 16 1971 | Mar 17 1971 |
| 7400820 | C100 | 327062 | 32AQ | 1 | 1 | Nov 20 1973 | Nov 20 1973 |
| 7400820 | C100 | 327063 | 32AQ | 24 | 24 | Jul 9 1973 | Jul 10 1973 |
| 7400820 | C100 | 327064 | 32AQ | 4 | 4 | Jul 1 1973 | Jul 1 1973 |
| 7400820 | C100 | 327065 | 32AQ | 3 | 3 | Dec 8 1973 | Dec 8 1973 |
| 7400820 | C100 | 327066 | 32AQ | 26 | 26 | Dec 13 1973 | Dec 14 1973 |
| 7400820 | C100 | 327067 | 32AQ | 27 | 27 | Jul 2 1974 | Jul 3 1974 |
| 7400820 | C100 | 327068 | 32AQ | 26 | 26 | Apr 26 1974 | Apr 27 1974 |
| 7400820 | C100 | 327069 | 32AQ | 26 | 26 | Aug 2 1974 | Aug 3 1974 |
| 7400820 | C100 | 327070 | 32AQ | 26 | 26 | Oct 18 1974 | Oct 19 1974 |

(11 rows affected)