DOF A:4:10

# DATA DOCUMENTATION FORM

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**

Walter Düing ←Deceased
University of Miami/RSMAS
4600 Rickenbacker Cswy.
Miami, Florida 33149

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

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

(See Attached Sheet)

**4. PLATFORM NAME(S)**

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

Buoy

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

| PLATFORM | OPERATOR |
|---|---|

**7. DATES**

| FROM: MO/DAY/YR | TO: MO/DAY/YR |
|---|---|

**8. ARE DATA PROPRIETARY?**

[X] NO   [ ] YES

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

**9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?**

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

[ ] NO   [ ] YES   [ ] PART (SPECIFY BELOW)
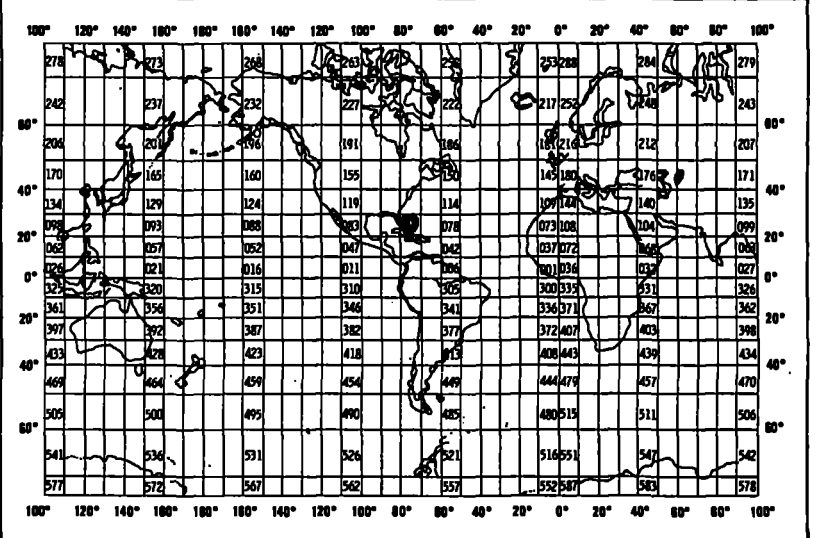
**10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER-THAN IN ITEM-1)**

Emanuel Mehr ←Deceased
350-75-62

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

GENERAL AREA

# B. SCIENTIFIC CONTENT

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

## EXAMPLE (HYPOTHETICAL INFORMATION)

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

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

## 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 |
|---|---|---|---|---|
| Speed | meters/sr. | | | |
| Direction | degrees | | | |

## B. SCIENTIFIC CONTENT

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

# C. DATA FORMAT

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

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

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

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

15. Enter starting position of the field.

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

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

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

# C. DATA FORMAT

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

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

Thirty-three files made up of temperature, U-component and V-component of
buoy data in the Florida Straits 1972-74

**2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION**

The tape (RMMM34) is a high (800 B.P.I.) density, 9 track EBCDIC tape consisting
of 1920 characters each. Each record consists of 24 blocked 80 character records.
The first record is on identification record consisting of documentation. The
unused part of the record is 9 filled. This record is followed by data records of
temperature, then by records of $\mathcal{X}$ component and finally by records of the V
component.
$u$

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

**4. RESPONSIBLE COMPUTER SPECIALIST:**
NAME AND PHONE NUMBER __Emanuel Mehr__
ADDRESS __RSMAS/ 4600 Rickenbacker Cswy., Miami, Florida 33149__

## COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

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

**7. PARITY**
- ☒ ODD
- ☐ EVEN

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

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

**10. END OF FILE MARK**
- ☐ OCTAL 17
- ☐ _____

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

Thirty-three files each consisting of
temperature, V-component and U-component

**12. PHYSICAL BLOCK LENGTH IN BYTES**
1920

**13. LENGTH OF BYTES IN BITS**
6

# 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 NAME

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

RECORD NAME _____

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

# D. INSTRUMENT CALIBRATION

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

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

DIVISION OF METEOROLOGY &
PHYSICAL OCEANOGRAPHY
(305) 350-7257

4600 RICKENBACKER CAUSEWAY
MIAMI, FLORIDA 33149

13 December 1977

Mrs. Maxine Jackson
Acting N.O.D.C. Liason Officer
for the Southeast United States

Dear Mrs. Jackson:

Enclosed is a tape, and a partial dump of the Florida Fixed Buoy Data from 1972 to 1974.

The tape (RMMM34) is a high (800 B.P.I.) density, 9 track EBCDIC tape consisting of 1920 characters each. Each record consists of 24 blocked 80 character records. The first record is on identification record consisting of documentation. The unused part of the record is 9 filled. This record is followed by data records of temperature, then by records of N component and finally by records of the V component.

If the temperature, U, or V end prematurely, the record is 9 filled. The format of any data record is 10F8.2. This entire set is followed with the identification record of a succeeding set. There are 33 sets of such data in all. The 33 files are separated by an end of file mark. Another end of file follows the entire data set. A table of contents of the data is also included.

Dr. Walter Düing of the Rosenstiel School of Marine and Atmospheric Science is the scientist in charge of the Project.

Let me know if you have any trouble decoding the data.

Very truly yours,

Emanuel Mehr
Research Scientist

EM/nd
Inc. Tape RMMM34
Partial Computer Dump of Tape
cc: Walter Düing

| 3. | COLUMBUS ISELIN | 7206 | Sept.-Nov. 1972 |
|----|-----------------|------|-----------------|
|    | "          " | 7210 | Nov. 72 - Jan. 1973 |
|    | "          " | 7302 | Jan - Mar 1973 |
|    | "          " | 7305 | Mar - May 1973 |
|    | "          " | 7311 | Jul - Oct 1973 |
|    | "          " | 7322 | Dec 73 - Jan 1974 |
|    | "          " | 7401 | Jan - Mar 1974 |
|    | CALANUS         | 7407 | Mar - May 1974 |
|    | CALANUS         | 7413 | May - Dec 1974 |

Password:

| accNo | fleA | refNo | proj | inst | ship | startDate | cruise | catId |
|-------|------|-------|------|------|------|-----------|--------|-------|
| 7700892 | L105 | TR3029 | 9999 | 3125 | 317F | 1972/09/23 | NULL | 305286 |
| 7700892 | L105 | L02520 | 9999 | 3125 | 317F | 1972/09/23 | 31IC-720 | 365517 |
| 7700892 | L105 | L02521 | 9999 | 3125 | 317F | 1972/09/23 | 31IC-720 | 365518 |
| 7700892 | L105 | L02522 | 9999 | 3125 | 317F | 1972/11/29 | 31IC-721 | 365519 |
| 7700892 | L105 | L02523 | 9999 | 3125 | 317F | 1972/11/29 | 31IC-721 | 365520 |
| 7700892 | L105 | L02524 | 9999 | 3125 | 317F | 1973/01/15 | 31IC-730 | 365521 |
| 7700892 | L105 | L02525 | 9999 | 3125 | 317F | 1973/03/16 | 31IC-730 | 365522 |
| 7700892 | L105 | L02526 | 9999 | 3125 | 317F | 1973/03/16 | 31IC-730 | 365523 |
| 7700892 | L105 | L02527 | 9999 | 3125 | 317F | 1973/07/11 | 31IC-731 | 365524 |
| 7700892 | L105 | L02528 | 9999 | 3125 | 317F | 1973/07/11 | 31IC-731 | 365525 |
| 7700892 | L105 | L02529 | 9999 | 3125 | 317F | 1973/12/11 | 31IC-732 | 365526 |
| 7700892 | L105 | L02530 | 9999 | 3125 | 317F | 1973/12/11 | 31IC-732 | 365527 |
| 7700892 | L105 | L02531 | 9999 | 3125 | 317F | 1974/01/18 | 31IC-740 | 365528 |
| 7700892 | L105 | L02532 | 9999 | 3125 | 317F | 1974/01/18 | 31IC-740 | 365529 |
| 7700892 | L105 | L02533 | 9999 | 3125 | 317F | 1974/03/19 | 31IC-740 | 365530 |
| 7700892 | L105 | L02534 | 9999 | 3125 | 317F | 1974/03/19 | 31IC-740 | 365531 |
| 7700892 | L105 | L02535 | 9999 | 3125 | 317F | 1974/05/29 | 31IC-741 | 365532 |

(17 rows affected)

```
Password:
  accNo    fleA  refNo   ship  staCnt  recCnt  startDate   endDate
  -------  ----  ------  ----  ------  ------  ----------  ----------
  7700892  L105  TR3029  317F  0       0       72/09/23    74/12/31
  7700892  L105  L02520  317F  3       NULL    72/09/23    72/11/29
  7700892  L105  L02521  317F  3       NULL    72/09/23    72/11/24
  7700892  L105  L02522  317F  3       NULL    72/11/29    73/01/14
  7700892  L105  L02523  317F  3       NULL    72/11/29    73/01/13
  7700892  L105  L02524  317F  3       NULL    73/01/15    73/03/13
  7700892  L105  L02525  317F  3       NULL    73/03/16    73/05/17
  7700892  L105  L02526  317F  3       NULL    73/03/16    73/05/17
  7700892  L105  L02527  317F  3       NULL    73/07/11    73/09/23
  7700892  L105  L02528  317F  3       NULL    73/07/11    73/09/23
  7700892  L105  L02529  317F  2       NULL    73/12/11    74/01/18
  7700892  L105  L02530  317F  2       NULL    73/12/11    74/01/18
  7700892  L105  L02531  317F  3       NULL    74/01/18    74/03/16
  7700892  L105  L02532  317F  3       NULL    74/01/18    74/03/16
  7700892  L105  L02533  317F  3       NULL    74/03/19    74/05/27
  7700892  L105  L02534  317F  3       NULL    74/03/19    74/05/27
  7700892  L105  L02535  317F  7       NULL    74/05/29    74/11/22

(17 rows affected)
```