

DDF-B:2:19 DATA DOCUMENTATION FORM

TR3887

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

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

005
18100

FILE ID = 781001

F005

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

RUD
10/23/78

FILE ID = 781001

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS 7135=GUADI 60x80

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED
NDTSO, NSTL STATION, MISS 39529

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
**Brine Disposal Analysis
Prog**

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
SDOZ 080178

4. PLATFORM NAME(S)
SDOZ

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

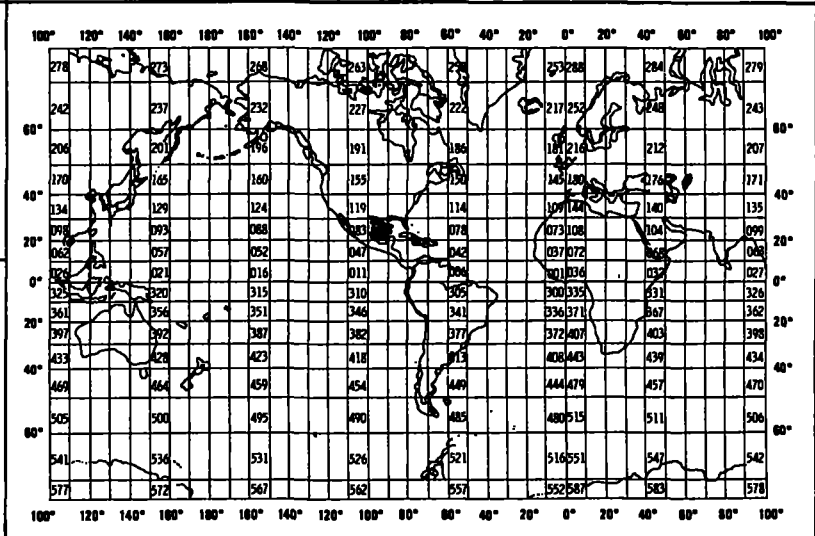
6. PLATFORM AND OPERATOR NATIONALITY(IES)
PLATFORM OPERATOR
USA USA

7. DATES
FROM: MO/DAY/YR TO: MO/DAY/YR
8/1/78 8/21/78

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)
William L. Beach T
601-688-2806

B. SCIENTIFIC CONTENT

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

EXAMPLE (HYPOTHETICAL INFORMATION)

| NAME OF DATA FIELD | REPORTING UNITS OR CODE | METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL) | ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES | DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING |
|--------------------|-------------------------------------|--|--|---|
| Salinity | 700 | Nansen bottles | Inductive salinometer (Hytech model 5510) | 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 | Ø 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 |
|---------------------|-------------------------|--|--|---|
| Water Temp (15m) | °C | YSI | | |
| Current Speed | cm/sec | Hydro Pro AMF VACM | | |
| Current Dir. | Degrees of arc | | | |

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

Format 005, mag tape

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 Jack Foreman
ADDRESS _____

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 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 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 checked="" 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> |

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

USER TAPE

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 D 752 - NOAA/EDIS/NODC - 202-634 7505
ADDRESS WASHINGTON, DC. 202 35

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE BCD BINARY
 ASCII EBCDIC

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

6. NUMBER OF TRACKS (CHANNELS) SEVEN
 NINE

10. END OF FILE MARK OCTAL 17

7. PARITY ODD
 EVEN

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
013250 (SL)

8. DENSITY 200 BPI 1600 BPI
 556 BPI
 800 BPI

12. PHYSICAL BLOCK LENGTH IN BYTES
4800

13. LENGTH OF BYTES IN BITS
60

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 | | |
| | | | | | |

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 | | |
| | | | | | |

RECORD FORMAT DESCRIPTION

9-5-78

MESA BIGHT FILE TYPE 005

| 14. FIELD NAME | 15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|------------------------------|---|------------|-------|----------------|---|
| | | NUMBER | UNITS | | |
| <u>File Header Record</u> | | | | | |
| FILE TYPE | 1 | 3 | bytes | A3 | "005" (constant value) |
| FILE DATE | 4 | 6 | bytes | | Date of File Creation |
| YEAR | 4 | 2 | bytes | I2 | Last two digits of year |
| MONTH | 6 | 2 | bytes | I2 | Month "01" thru "12" |
| DAY | 8 | 2 | bytes | I2 | Day "01" thru "31" |
| RECORD TYPE | 10 | 1 | bytes | A1 | "1" for File Header |
| STATION | 11 | 5 | bytes | A5 | Buoy Station Identifier |
| SEQUENCE | 16 | 1 | bytes | I1 | File Header Number |
| TEXT | 17 | 44 | bytes | 44A1 | Optional Comments |
| <u>Station Header Record</u> | | | | | |
| IDENT | 1 | 15 | bytes | A3,3I2,A1,A5 | Same as "File Header Record" except Record Type is "2" |
| LATITUDE | 16 | 6 | bytes | 3I2 | Degrees, Minutes, Seconds |
| LATHEM | 22 | 1 | bytes | A1 | "N" or "S" Hemisphere |
| LONGITUDE | 23 | 7 | bytes | I3,2I2 | Degrees, Minutes, Seconds |
| LONHEM | 30 | 1 | bytes | A1 | "W" or "E" Hemisphere |
| SENSOR | 31 | 4 | bytes | I4 | Depth in Meters to tenths |
| WATER | 35 | 4 | bytes | I4 | Depth in Meters to tenths |
| SENSOR SERIAL NUMBER | 39 | 4 | bytes | A4 | |
| BLANK | 43 | 18 | bytes | 18x | |
| <u>Data Record</u> | | | | | |
| IDENT | 1 | 15 | bytes | A3,3I2,A1,A5 | Same as "File Header Record" except Record Type is "3" |
| DATE | 16 | 6 | bytes | 3I2 | Year, Month, Day; observed |
| TIME | 22 | 4 | bytes | I4 | Time in Hours to hundredths |
| DIRECTION | 26 | 3 | bytes | I3 | Whole degrees from true north |
| VELOCITY | 29 | 4 | bytes | I4 | Current; whole cm/sec |
| TEMP | 33 | 3 | bytes | I3 | Degrees Celsius to tenths |
| PRESSURE | 36 | 4 | bytes | I4 | kg/cm ² to hundredths |
| CONDUCTIVITY | 40 | 4 | bytes | I4 | Millimhos/cm to hundredths |
| Inclinometer angle | 44 | 2 | bytes | I2 | Meter tilt off vertical. In whole degrees |
| Wind Direction | 46 | 3 | bytes | I3 | True direction from which wind is blowing. In whole degrees |
| Wind Speed | 49 | 4 | bytes | I4 | cm/sec |
| Sea Direction | 53 | 3 | bytes | I3 | True direction from which dominant waves are coming. In whole degrees |
| Sea Height | 56 | 3 | bytes | I3 | Height of dominant waves. centimeters |
| Sea Period | 59 | 2 | bytes | I2 | Period of dominant waves. Seconds |

78-0023

005
TR 3833 — 3836

NSDCHEK *** NON-STANDARD DATA FIELD CHECKING PROGRAM
THIS IS 01/11/79 VERSION WITH FULL CODE CHECKING

USER'S INPUT REQUESTS FOLLOW:

LRECL HAS BEEN SPECIFIED AS 60
STATION HEADER RECORD SPECIFIED AS 2
RECORD TYPES FLAGGED FOR RETRIEVAL ARE - 123
STATION STARTS IN POSITION 11 FOR 5 BYTES
STATION WILL APPEAR ON RECORD TYPES : 123
RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS
FILETYPE IS 005

NO OBVIOUS ERRORS FOUND IN TABLE GENERATION PHASE - SUCCESSFUL EXECUTION EXPECTED

005TR38871SDEM21 SADEMS 2 CURRENT DATA
??????

FIRST FILE ID

005TR38871SDEM21 SADEMS 2 CURRENT DATA
??????

STATION NUMBER HAS CHANGED WITHOUT A MASTER

THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC/Z=NO CHECKING)

| TYPE | REC | POS | LENGTH | NAME | RANGE TESTED LOW HIGH | ACTUAL RANGE LOWEST HIGHEST | MEAN | S. DEV | COUNT | FP | FP-1 | >-1 |
|------|-----|-----|--------|---------------------------------|--------------------------|------------------------------------|---------|--------|-------|------|------|-----|
| Z | 1 | 11 | 5 | METER NUMBER | | | | | 4 | | | |
| N | 1 | 16 | 1 | SEQUENCE | NO RANGE CHECKING | | 1 | 4 | 2.50 | 1.11 | 4 | 0 |
| Z | 2 | 11 | 5 | METER NUMBER | | | | | 1 | | | |
| M | 2 | 16 | 2 | LAT DEG | 00 89 | 28 28 | 28.00 | 00 | 1 | 1 | 0 | 0 |
| M | 2 | 18 | 2 | LAT MIN | 00 59 | 47 47 | 47.00 | 00 | 1 | 1 | 0 | 0 |
| N | 2 | 20 | 2 | LAT SEC | 00 59 | 40 40 | 40.00 | 00 | 1 | 1 | 0 | 0 |
| C | 2 | 22 | 1 | 0500LAT HEM | | | | | 1 | | | |
| M | 2 | 23 | 3 | LON DEG | 000 179 | 95 95 | 95.00 | 00 | 1 | 1 | 0 | 0 |
| M | 2 | 26 | 2 | LON MIN | 00 59 | 19 19 | 19.00 | 00 | 1 | 1 | 0 | 0 |
| N | 2 | 28 | 2 | LON SEC | 00 59 | 20 20 | 20.00 | 00 | 1 | 1 | 0 | 0 |
| C | 2 | 30 | 1 | 0501LON HEM | | | | | 1 | | | |
| N | 2 | 31 | 4 | SENSOR DEPTH METERS TO .1 | 0010 9999 | 18 18 | 18.00 | 00 | 1 | 1 | 0 | 0 |
| N | 2 | 35 | 4 | WATER DEPTH METERS TO .1 | 0100 9999 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| Z | 2 | 39 | 4 | SENSOR SERIAL NUMBER | | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| B | 2 | 43 | 18 | | | | | | 1 | | | |
| Z | 3 | 11 | 5 | METER NUMBER | | | | | 742 | | | |
| M | 3 | 16 | 2 | YEAR | NO RANGE CHECKING | | 78 | 78 | 78.00 | 00 | 742 | 0 |
| M | 3 | 18 | 2 | MCNTH | 01 12 | 8 8 | 8.00 | 00 | 742 | 742 | 0 | 0 |
| M | 3 | 20 | 2 | DAY | 01 31 | 1 31 | 15.99 | 8.93 | 742 | 742 | 0 | 0 |
| M | 3 | 22 | 4 | HOUR TO .01 | 0000 2399 | 0 2300 | 1148.65 | 692.66 | 742 | 742 | 0 | 0 |
| N | 3 | 26 | 3 | DIRECTION-WHOLE DEG FROM T NRTH | 000 359 | 0 359 | 201.74 | 91.80 | 710 | 710 | 0 | 0 |
| N | 3 | 29 | 4 | CURRENT VELOCITY WHOLE CM/SEC | 0000 5000 | 1 41 | 11.13 | 5.83 | 710 | 710 | 0 | 0 |
| N | 3 | 33 | 3 | TEMP DEG C TO .1 | -20 310 | 261 297 | 283.05 | 10.29 | 712 | 712 | 0 | 0 |
| N | 3 | 36 | 4 | PRESSURE KG/SQ CM TO .01 | 0010 9999 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| N | 3 | 40 | 4 | CONDUCTIVITY MMHOS/CM TO .01 | 1500 5500 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| N | 3 | 44 | 2 | INCLINOMETER TILT WHOLE DEG | 00 18 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| N | 3 | 46 | 3 | WIND DIREC-TRUE DIREC WHOLE DEG | 000 359 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| N | 3 | 49 | 4 | WIND SPEED CM/SEC | 0000 3200 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| N | 3 | 53 | 3 | SEA DIREC TRUE DIREC | 000 359 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| N | 3 | 56 | 3 | SEA HEIGHT DOMINANT WAVES CM | 000 900 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |
| N | 3 | 59 | 2 | SEA PERIOD OF DGM WAVES IN SEC | 01 99 | NO VALUES FOUND FOR THIS PARAMETER | | | | | | |

RECORDS READ : 746

| | | |
|---|-------------------------|------------|
| File type | 5-6 005 5 | 172 167 |
| FZ 013430 | ANSI | |
| 3204 | 4981 (C4043) | |
| 60/4800, SL | #1 UØ2Ø416 | |
| F005 | | |
| TR 2569-2657, 2998, 3275-3280, 3657-3678, 3820, 3825, | | |
| 3828-3832 , 3837-3838, (3887), 3890-3933 | | |
| | | 367,946 |
| | | 377,124 |

Accession No: 79-0073
 ID: BRINE DISPOSAL PGM

^Password:

| accNo | fleA | refNo | proj | inst | ship | startDate | cruise | catId |
|---------|------|--------|------|------|------|------------|--------|--------|
| 7900073 | F005 | TR3887 | 0093 | 313B | 317F | 1978/08/01 | 080178 | 308962 |

(1 row affected)

Password:

| accNo | fileA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---------|-------|--------|------|--------|--------|-----------|----------|
| 7900073 | F005 | TR3887 | 317F | 1 | 747 | 78/08/01 | 78/08/31 |

(1 row affected)