

DATA DOCUMENTATION FORM

TR 5405-17

DDF A:2:21

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.

ORIGINATOR TAPE; OMCS Lib. #(s):

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 Oceanographic Surveys Branch Oceanographic Division National Ocean/Survey/National Oceanic & Atmospheric Administration Rockville, MD 20852 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED MESA New York Bight | | 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.) Taut-wire mooring, buoy | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | |
| | | PLATFORM | OPERATOR |
| | | 7. DATES | |
| | | FROM: MO/DAY/YR | TO: MO/DAY/YR |
| | | USA | USA |
| | | 6/9/79 | 8/12/79 |
| 8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES See MESA Data Management Program 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) Chief, Oceanographic Surveys Branch Branch (301) 443-8501 | | | |

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 |
|---|---------------------------------|--|--|---|
| Current Direction | Degrees from true north. | Aanderaa Current Meter | | ** |
| Current Velocity | Centimeters per second. | Aanderaa Current Meter | | |
| Water Temperature | Degrees Celsius | Aanderaa Current Meter | | |
| Water Pressure | Kilograms per square centimeter | Aanderaa Current Meter | | |
| Conductivity | Millimhos per centimeter | Aanderaa Current Meter | | |
| * A/D conversion to engineering units. | | | | |
| ** All data sampled at 10 minute intervals. | | | | |

C. DATA FORMAT

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

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

FILE HEADER RECORDS are identified by "1" in position ten of the record. Next contains buoy identification.
STATION HEADER RECORD is identified by "2" in position ten of the record. Buoy location, sensor and water depth are included.
DATA RECORDS are identified by "3" in position ten. They contain date, time, and data.

GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A logical file consists of 3 file header records, one station header, and numerous data records. Samples every 10 minutes, spanning up to about 2 months may appear in an average file.

One physical file is permitted on each tape, and may contain several logical files.

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

RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Tom Baumgardner; (301) 443-8050

ADDRESS C333; WSC-1; 60001 Executive Blvd., Rockville, MD 20852

Supervisor: C.R. Muirhead; Chief, Oceanographic Surveys Branch, C333

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|--|---|
| <p>8. 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 <input type="checkbox"/> _____</p> |
| <p>9. 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 <input type="checkbox"/> _____</p> |
| <p>10. 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 LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>DCB=(BLKSIZE=4500,LRECL=45,RECFM=FB TRTCH=ET)</p> <p>DEN=2 by default.</p> |
| <p>11. 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 style="text-align: center;">4500</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">6</p> |

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 (✓) | |
| <u>Aanderaa Current Meter</u> | | | MESA | (field season) | | | | | |
| | | | | | | | | | |
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RECORD FORMAT DESCRIPTION

RECORD NAME MESA BIGHT FILE TYPE 005

| FIELD NAME | 15. POSITION FROM - 1 MEASURED IN (0.6, 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 | 29 | bytes | 29A1 | Optional Comments |
| <u>Station Header Record</u> | | | | | |
| IDENT | 1 | 15 | bytes | A3,3I3,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 |
| LONGHEM | 30 | 1 | bytes | A1 | "W" or "E" Hemisphere |
| DEPTH SENSOR | 31 | 4 | bytes | F4.1 | Depth in Meters |
| WATER | 35 | 4 | bytes | F4.1 | Depth in Meters |
| blank | 39 | 7 | bytes | 7X | blank |
| <u>Data Record</u> | | | | | |
| IDENT | 1 | 15 | bytes | A3,3I3,A1,A5 | Same as "File Header Record" except Record Type is "2" |
| DATE | 16 | 6 | bytes | 3I3 | Year, Month, Day; observed |
| TIME | 22 | 4 | bytes | F4.2 | Time in Hours; observed |
| DIRECTION | 26 | 3 | bytes | F3.0 | Degrees from true North |
| VELOCITY | 29 | 4 | bytes | F4.0 | Current; cm/sec. |
| TEMP | 33 | 3 | bytes | F3.1 | Degrees Celsius |
| PRESSURE | 36 | 4 | bytes | F4.2 | kg/cm ² |
| CONDUCTIVITY | 40 | 4 | bytes | F4.2 | Millimhos/cm |
| blank | 44 | 2 | bytes | 2X | blank |

DATA RECORD (S)

STATION HEADER

FILE HEADER NO.3

FILE HEADER NO.2

FILE HEADER NO.1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|---|--------------------------------|---|---|---|---|---|----|-------------|----|----|---------|----|------|----|----|------------------------|----|----|----|----|----|----|-------|----|----|--------------|----|------------------|----|------|--------------------|----------|----|-------------------------|----|-------|------------------------|----|----|-----------------|----|--------|--|-------------------------------|--|-----------------------------------|--|------------------|--|------------|--|-------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | | | | | | | | | | | |
| File Type | | | Creation Date Yr., Mo., Day | | | | | | | Record Type | | | Station | | | | | Observed Date and Time | | | | | | | | | | Current Dir. | | Current Velocity | | Temp | | Pressure | | Conductivity | | Blank | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Year | | | | | | | | | | Month | | | Day | | Hour | | | Hundredths of Hour | | | Degrees from True North | | | Centimeters Per Second | | | Degrees Celsius | | Tenths | | Kilograms Per cm ² | | Hundredths of Kg./cm ² | | Millimhos per cm | | Hundredths | | Blank | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|---|--------------------------------|---|---|---|---|---|----|-------------|----|----|---------|----|---------|----|----|----------|----|---------|----|----|-----------|----|---------|----|----|--------------|----|-------------|----|---------|----|----|----|----|---------|----|----|----|----|---------|----|----|--|--|-------------|--|--------|--|--|--|--|--------|--|--|--|--|--------|--|--|--|--|--------|--|--|--|--|-------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| File Type | | | Creation Date Yr., Mo., Day | | | | | | | Record Type | | | Station | | | | | Latitude | | | | | Longitude | | | | | Sensor Depth | | Water Depth | | Blank | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Degrees | | | | | Minutes | | | | | Seconds | | | | | "N" or "S" | | Degrees | | | | | Minutes | | | | | Seconds | | | | | "E." or "W" | | Meters | | | | | Tenths | | | | | Meters | | | | | Tenths | | | | | Blank | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|---|--------------------------------|---|---|---|---|---|----|-------------|----|----|---------|----|----|----|----|----------------|----|----|----|----|----|----|----|----|----|-----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| File Type | | | Creation Date Yr., Mo., Day | | | | | | | Record Type | | | Station | | | | | Comment Number | | | | | | | | | | Text (Optional) | | | | | | | | | | | | | | | | |

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|-----------|---|---|--------------------------------|---|---|---|---|---|----|-------------|----|----|---------|----|----|----|----|----------------|----|----|----|----|----|----|----|----|----|-----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| File Type | | | Creation Date Yr., Mo., Day | | | | | | | Record Type | | | Station | | | | | Comment Number | | | | | | | | | | Text (Optional) | | | | | | | | | | | | | | | | |

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|-----------|---|---|--------------------------------|---|---|---|---|---|----|-------------|----|----|---------|----|----|----|----|----------------|----|----|----|----|----|----|----|----|----|-----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| File Type | | | Creation Date Yr., Mo., Day | | | | | | | Record Type | | | Station | | | | | Comment Number | | | | | | | | | | Text (Optional) | | | | | | | | | | | | | | | | |

80-0037

NOD 927

NOAA FORM 61-29
(11-71)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

REFERENCE NO.

C211 - 16 TR5405 - 97

LETTER TRANSMITTING DATA

DATA AS LISTED BELOW WERE FORWARDED TO YOU
BY (Check):

ORDINARY MAIL

AIR MAIL

REGISTERED MAIL

EXPRESS

GBL (Give number)

Interoffice Mail

TO:

Mr. James Ridlon
D781
Rm. 428, Page Bldg. #1

DATE FORWARDED

March 7, 1980

NUMBER OF PACKAGES

One

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

One 7-track magnetic computer tape containing 13 files of the New York Bight Area covering the period June 9-August 12, 1979.

FROM: (Signature)

Samuel E. McCoy

Samuel E. McCoy, Actg. Chief, Circulatory Surveys Branch

RECEIVED THE ABOVE

(Name, Division, Date)

Return receipted copy to:

NOAA/National Ocean Survey
6001 Executive Blvd.
Rockville, Maryland 20852
ATTN: C211

3/11/80

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO:

| TYPE OF TAPE | TAPE NUMBER | LABEL | LRECL | BLKSIZE | RECFM | REMARKS |
|--------------|---------------------------------|-------|-------|---------|----------------|---------|
| ORIGINATOR | JR155 | NL | 45 | 4500 | FB 800 BPI | |
| DUPLICATE | 11384 | NL | 60 | 4800 | FB 1600 BPI | |
| REFORMATTED | | | | | | |
| FIRST USER | DISGWDK Damon. F005 T5405 | | | | | |
| FINAL USER | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Error Correction Documentation Form

DATE:

TO: D757

FROM: J. Ridlon, D781

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0037

- 1) File Type: 005
- 2) Project Ident.: N. Y. Bight
- 3) Track Nos.: TR 5405-17

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

0' in col. 43 record type 3
Fileless track number

✓ Deleted
✓ Deleted

III. Processor Name:

Gerald W. Damon

Data Set Route Sheet

Accession # 80-0037

| Step | Completion Date/Init. | Tape #, # of Files | BLKSIZE, L/ECL |
|-------------------------------------|-----------------------|---------------------|----------------|
| 1. Originator Tape # | 3/12/80 JOR | JR155 1 | 4500 95 |
| 2. QUASI Duplicate Tape # | 3/14/80 JOR | 11384 1 | 4800 60 |
| 3. DDF Evaluation | | | |
| 4. Quality Review | | | |
| 5. Preliminary Data Sort | | | |
| 6. Preliminary Check | 11/25/80 JMA | | |
| 7. First User Tape # | | | |
| 8. Final User Tape # | | | |
| 9. Final Check | 11/26/80 JMA | Damon. F00575405 | |
| 10. NAPIS Inventory | | | |
| 11. DIP Inventory | | | |
| 12. Data Set 'Finalized' | | | |

80-0037

908
NODC 27

CURRENT DATA (TYPE 225) FROM NOS TO NODC

STATION N 325

0051979.21 N32514ESA NY BIGHT AREA NOS,NOAA
0051979.21 N32524ANDERAA,S/V 182J, R/W 445
0051979.21 N325316J-203,1979,SHIP KELEZ
0051979.22 N325451824N 73473JW 24 567

6-9 TO 7-29 '79
FIRST DATA POINT

TR 5405

0051979.23 N32579 6 9200 274 12175 473922

0051979.23 N32579 729 150 41 1248 474620

LAST DATA POINT (NO. 2364)

STATION N 328

0051979.21 N32814ESA NY BIGHT AREA NOS,NOAA
0051979.21 N32824ANDERAA,S/V 1126, R/W 832
0051979.21 N328316J-203,1979,SHIP KELEZ
0051979.22 N328451824N 73473JW 515 567

6-9 TO 8-12 '79
FIRST DATA POINT

TR 5406

0051979.23 N32879 6 9200 7353 14 54 522 0

0051979.23 N32879 8 1200 72 1 1 73 533 0
45 BLANKS AT END OF STATION

LAST DATA POINT (NO. 2545)

STATION N 31A

0051979.21 N31A14ESA NY BIGHT AREA NOS,NOAA
0051979.21 N31A24ANDERAA,S/V 1133, R/W 874
0051979.21 N31A3159-203,1979,SHIP KELEZ
0051979.22 N31A4.18 6N 73543JW 152 204

6-9 TO 7-13 '79
FIRST DATA POINT

TR 5407

0051979.23 N31A79 6 9.8 3275 11103 163 0

0051979.23 N31A79 713 353214 1011 180 0

LAST DATA POINT (NO. 1604)

STATION N 51A

0051979.22 N51A1-ESA NY RIGHT AREA NOS, NOAA
0051979.22 N51A2-PAWDERAAA, S/N 1130, R/V 51
0051979.22 N51A3160-2.2, 1979, SHIP KELEZ
0051979.22 N51A3943 6N 74 12W 159 210

6-10-70 7-30 '79

0051979.23 N51A79 61 1853158 16 87 151 0

FIRST DATA POINT

0051979.23 N51A79 73 2153118 15133 162 0
45 BLANKS AT END OF STATION

LAST DATA POINT (NO. 2407)

TR5408

STATION N 51S

0051979.22 N51S1-ESA NY RIGHT AREA NOS, NOAA
0051979.22 N51S2-PAWDERAAA, S/N 611, R/V 351
0051979.22 N51S3160-2.2, 1979, SHIP KELEZ
0051979.22 N51S3943 6N 74 12W 34 210

6-10-70 7-30 '79

0051979.23 N51S79 61 1853187 5165 40 0

FIRST DATA POINT

0051979.23 N51S79 73 2153125 10233 35 0

LAST DATA POINT (NO. 2408)

TR5409

STATION N 42A

0051979.22 N42A1-ESA NY RIGHT AREA NOS, NOAA
0051979.22 N42A2-PAWDERAAA, S/N 3357, R/V 571
0051979.22 N42A3159-2.3, 1979, SHIP KELEZ
0051979.22 N42A40 43 W 734630W 259 311

6-9-70 7-31 '79

0051979.23 N42A79 6 92253 18 11 64 281 0

FIRST DATA POINT

0051979.23 N42A79 73 2215186 8104 270 0

LAST DATA POINT (NO. 2496)

TR5410

STATION N 42S

0051979.2. N42S1-55A NY BIGHT AREA.NOS,NOAA
0051979.2. N42S2AANDERAA,S/W 723, R/W 972
0051979.2. N42S3159-2.3,1979,SHIP KELEZ
0051979.22 N42S4, 43 N 734630W 30 311

6-9-70 7-30 '79
FIRST DATA POINT

TR 5411

0051979.23 N42S79 6 9225 4. 3189 433934

0051979.23 N42S79 73. 40 293 10215 464629

LAST DATA POINT (NO. 2412)

STATION N 52A

0051979.2. N52A1 MESA NY BIGHT AREA.NOS,NOAA
0051979.2. N52A2AANDERAA,S/W 1815, R/W 609
0051979.2. N52A3161-2.2,1979,SHIP KELEZ
0051979.22 N52A394618N 7346 6W 201 253

6-10-70 7-31 '79
FIRST DATA POINT

TR 5412

0051979.23 N52A79 61 203162 12 7. 216 U

0051979.23 N52A79 7311803291 12111 231 U
45 BLANKS AT END OF STATION

LAST DATA POINT (NO. 2481)

STATION N 52S

0051979.2. N52S1 MESA NY BIGHT AREA.NOS,NOAA
0051979.2. N52S2AANDERAA,S/W 1339, R/W 1016
0051979.2. N52S3159-2.2,1979,SHIP KELEZ
0051979.22 N52S394618N 7346 6W 30 253

6-10-70 7-31 '79
FIRST DATA POINT

TR 5413

0051979.23 N52S79 61 201138 1820. 363968

0051979.23 N52S79 731130 2.4 4215 364603
45 BLANKS AT END OF STATION

LAST DATA POINT (NO. 2481)

STATION N 41A

0052179.2. N41A1 MESA NY BIGHT AREA.NOS,NOAA
0052179.2. N41A2AANDERAA,S/W 1101, R/W 142

TR 5414

0052079.22 N4140 S18W 735812W 162 213
0052079.23 N41479 615 53301 13 8 179 0
0052079.23 N41479 6 1.253197 1413- 178 0
45 BLANKS AT END OF STATION

6-15 TO 8-1 '79
FIRST DATA POINT

LAST DATA POINT (NO. 2281)

STATION N 415

0052079.21 N4151 MESA NY BIGHT AREA NOS. NOAA
0052079.21 N4152 BANDERAA S/N 1088 R/N 511
0052079.21 N4153 159-213, 1979, SHIP KELEZ
0052079.22 N4154 S18W 735812W 30 213
0052079.23 N41579 61 205. 69 7162 36 0

6-10 TO 8-1 '79
FIRST DATA POINT

TR 5415

0052079.23 N41579 8 1.253293 9237 44 0
45 BLANKS AT END OF STATION

LAST DATA POINT (NO. 2481)

STATION NJ 2A A

0052079.2 NJ2A1 MESA NY BIGHT AREA NOS. NOAA
0052079.2 NJ2A2 BANDERAA S/N 1090 R/N 720
0052079.2 NJ2A 3161-212, 1979, SHIP KELEZ
0052079.22 NJ2A3 3914 W 735236W 305 387
0052079.23 NJ2A79 61 3350111 9 65 303 0

6-10 TO 7-31 '79
FIRST DATA POINT

TR 5416

0052079.23 NJ2A79 731.33.296 4 85 303 0

LAST DATA POINT (NO. 2448)

STATION NJ 2A B

0052079.2 NJ2A1 MESA NY BIGHT AREA NOS. NOAA
0052079.2 NJ2A3 BANDERAA S/N 1490 R/N 148
0052079.2 NJ2A5 3159-212, 1979, SHIP KELEZ
0052079.22 NJ2A3 3914 W 735236W 52 0
0052079.23 NJ2A879 61 33531 1 14 65 3383286

6-10 TO 7-31 '79
FIRST DATA POINT

TR 5417

0652 79 23.02479 73.3533 8 8 338341

LAST DATA POINT (NO. 2448)

31 BLOCKS WRITTEN.
ALL BLOCKS ARE OF LENGTH 450 CHARACTERS,
EXCEPT THE LAST WHICH IS 630 CHARACTERS LONG

DATA DOCUMENTATION FORM

TR 5718-24

DOF A:2:21

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.

ORIGINATOR TAPE; OMCS Lib. #(s):

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| <p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>Oceanographic Surveys Branch Oceanographic Division National Ocean/Survey/National Oceanic & Atmospheric Administration Rockville, MD 20852</p> | | | | | | | | | | | |
|--|--|--|----------|----------|-----|-----|---|-------------------|-----------------|---------|---------|
| <p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>MESA New York Bight</p> | | <p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p>N/A</p> | | | | | | | | | |
| <p>4. PLATFORM NAME(S)</p> <p>N/A</p> | <p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p>Taut-wire mooring, buoy</p> | <p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <table border="1"> <thead> <tr> <th>PLATFORM</th> <th>OPERATOR</th> </tr> </thead> <tbody> <tr> <td>USA</td> <td>USA</td> </tr> </tbody> </table> | PLATFORM | OPERATOR | USA | USA | <p>7. DATES</p> <table border="1"> <thead> <tr> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td>6/28/79</td> <td>8/16/79</td> </tr> </tbody> </table> | FROM: MO, DAY, YR | TO: MO, DAY, YR | 6/28/79 | 8/16/79 |
| PLATFORM | OPERATOR | | | | | | | | | | |
| USA | USA | | | | | | | | | | |
| FROM: MO, DAY, YR | TO: MO, DAY, YR | | | | | | | | | | |
| 6/28/79 | 8/16/79 | | | | | | | | | | |
| <p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES See MESA Data Management Program</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p> | | <p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p>GENERAL AREA</p> | | | | | | | | | |
| <p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p> | | <p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Chief, Oceanographic Surveys Branch (301) 443-8501</p> | | | | | | | | | |

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 S510) | N/A (Not applicable) |
| | | STD Bissett-Berman Model 9006 | N/A | Values averaged over 5-meter intervals |
| Water color | Forel scale | Visual comparison with Forel bottles | N/A | N/A |
| Sediment size | φ units and percent by weight | Ewing corer | Standard sieves. Carbonate fraction removed by acid treatment | Same as "Sedimentary Rock Manual," Folk '65 |

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

B. SCIENTIFIC CONTENT

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

C. DATA FORMAT

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**

FILE HEADER RECORDS are identified by "1" in position ten of the record. Text contains buoy identification.
 STATION HEADER RECORD is identified by "2" in position ten of the record. Buoy location, sensor and water depth are included.
 DATA RECORDS are identified by "3" in position ten. They contain date, time, and data.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A logical file consists of 3 file header records, one station header, and numerous data records. Samples every 10 minutes, spanning up to about 2 months may appear in an average file.
 One physical file is permitted on each tape, and may contain several logical files.

3. ATTRIBUTES AS EXPRESSED IN

PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Tom Baumgardner; (301) 443-8050
 ADDRESS C333; WSC-1; 60001 Executive Blvd., Rockville, MD 20852
 Supervisor: C.R. Muirhead; Chief, Oceanographic Surveys Branch, C333

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|--|---|
| <p>5. RECORDING MODE</p> <p> <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____ </p> | <p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p> |
| <p>6. NUMBER OF TRACKS (CHANNELS)</p> <p> <input checked="" type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____ </p> | <p>10. END OF FILE MARK</p> <p> <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____ </p> |
| <p>7. PARITY</p> <p> <input type="checkbox"/> ODD <input checked="" 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>DCB=(BLKSIZE=4500, LRECL=45, RECFM=FB TRTCH=ET) DEN=2 by default.</p> |
| <p>8. DENSITY</p> <p> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____ </p> | <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4500</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">6</p> |

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 (✓) | |
| <u>Aanderaa Current Meter</u> | | | MESA | (field season) | | | | | |
| | | | | | | | | | |
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RECORD FORMAT DESCRIPTION

REC NAME MESA BIGHT FILE TYPE 005

| 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 | | |
| <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 | 29 | bytes | 29A1 | Optional Comments |
| <u>Station Header Record</u> | | | | | |
| IDENT | 1 | 15 | bytes | A3,3I3,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 |
| LONGHEM | 30 | 1 | bytes | A1 | "W" or "E" Hemisphere |
| SENSOR | 31 | 4 | bytes | F4.1 | Depth in Meters |
| WATER | 35 | 4 | bytes | F4.1 | Depth in Meters |
| blank | 39 | 7 | bytes | 7X | blank |
| <u>Data Record</u> | | | | | |
| IDENT | 1 | 15 | bytes | A3,3I3,A1,A5 | Same as "File Header Record" except Record Type is "2" |
| DATE | 16 | 6 | bytes | 3I3 | Year, Month, Day; observed |
| TIME | 22 | 4 | bytes | F4.2 | Time in Hours; observed |
| DIRECTION | 26 | 3 | bytes | F3.0 | Degrees from true North |
| VELOCITY | 29 | 4 | bytes | F4.0 | Current; cm/sec. |
| TEMP | 33 | 3 | bytes | F3.1 | Degrees Celsius |
| PRESSURE | 36 | 4 | bytes | F4.2 | kg/cm ² |
| CONDUCTIVITY | 40 | 4 | bytes | F4.2 | Millimhos/cm |
| blank | 44 | 2 | bytes | 2X | blank |

FILE HEADER NO.1

| | | | | |
|-----------|--------------------------------|-------------|---------|----------------|
| File Type | Creation Date Yr., Mo., Day | Record Type | Station | Comment Number |
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 |
| 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 |

FILE HEADER NO.2

| | | | | | |
|-----------|--------------------------------|-------------|---------|----------------|-----------------|
| File Type | Creation Date Yr., Mo., Day | Record Type | Station | Comment Number | Text (Optional) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 | 41 | 42 |
| 43 | 44 | 45 | | | |

FILE HEADER NO.3

| | | | | | |
|-----------|--------------------------------|-------------|---------|----------------|-----------------|
| File Type | Creation Date Yr., Mo., Day | Record Type | Station | Comment Number | Text (Optional) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 | 41 | 42 |
| 43 | 44 | 45 | | | |

STATION HEADER

| | | | | | | | | |
|-----------|--------------------------------|-------------|---------|----------|-----------|--------------|-------------|-------|
| File Type | Creation Date Yr., Mo., Day | Record Type | Station | Latitude | Longitude | Sensor Depth | Water Depth | Blank |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |

DATA RECORD (S)

| | | | | | | | | | |
|-----------|--------------------------------|-------------|---------|------------------------|--------------|------------------|------|----------|--------------|
| File Type | Creation Date Yr., Mo., Day | Record Type | Station | Observed Date and Time | Current Dir. | Current Velocity | Temp | Pressure | Conductivity |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | | | | | |

80-0037

NODC 28

NOAA FORM 61-29
(12-71)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

REFERENCE NO.

C211 - 15

TR 5418 - 24

LETTER TRANSMITTING DATA

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

- ORDINARY MAIL
 - AIR MAIL
 - REGISTERED MAIL
 - EXPRESS
 - GBL (Give number) _____
- Interoffice Mail

DATE FORWARDED

March 7, 1980

NUMBER OF PACKAGES

One

TO:

Mr. James Ridlon
D781
Rm. 428, Page Bldg. #1

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

One 7-track magnetic computer tape containing 7 files of the New York Bight Area covering the period June 28-August 16, 1979.

FROM: (Signature)

Samuel E. McCoy

Samuel E. McCoy, Actg. Chief, Circulatory Surveys Branch

RECEIVED THE ABOVE
(Name, Division, Date)

Return receipted copy to:

NOAA/National Ocean Survey
6001 Executive Blvd.
Rockville, Maryland 20852
ATTN: C211

3/11/80

Error Correction Documentation Form

DATE:

TO: D751

FROM: J. Ridlon, D787

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0037

- 1) File Type: 005
- 2) Project Ident.: N.Y. Bight
- 3) Track Nos.: TR 5418-24

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

Enter file type: cols 1-3

✓

III. Processor Name:

Gerald M. Damon

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO:

| TYPE OF TAPE | TAPE NUMBER | LABEL | LRECL | B/KSIZE | RECFM | REMARKS |
|--------------|-------------|-------|-------|---------|---------------|---------|
| ORIGINATOR | JR156 | NL | 45 | 4500 | FB 800BPI | |
| DUPLICATE | 12209 | NL | 60 | 4800 | FB 1600BPI | |
| REFORMATTED | | | | | | |
| FIRST USER | 1875 | NL | 60 | 4800 | FB 1600BPI | |
| FINAL USER | 3600 | NL | 60 | 4800 | FB 1600BPI | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Data Set Route Sheet

Accession # 80-0037

| Step | Completion Date/Init. | Tape #, # of Files | BLKSIZE, LRECL |
|----------------------------------|-------------------------|--------------------|----------------|
| Originator Tape # | 3/12/80 978K | JR156 1 | 4500 95 |
| QUADI Duplicate Tape # | 3/14/80 978K | 12209 1 | 4800 60 |
| DDF Evaluation | | | |
| Quality Review | | | |
| Preliminary Data Sort | | | |
| Preliminary Check | 5/8/80 YMR | 12209 1 | 4800 60 |
| First User Tape # | 6/3/80 YMR | 1875 1 | 4800 60 |
| Final User Tape # | 7/14/80 YMR | 3600 1 | 4800 60 |
| Final Check | 6/11/80 YMR | 1875 1 | 4800 60 |
| 0. NAPIS Inventory | | | |
| 1. DIP Inventory | | | |
| 2. Data Set 'Finalized' | | | |

DATA DOCUMENTATION FORM

TR5425-33

DDI = 4:2:21

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

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|--|--|--|----------|----------|-----|-----|---|-------------------|-----------------|---------|---------|
| <p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>MESA New York Bight</p> | | <p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p>N/A</p> | | | | | | | | | |
| <p>4. PLATFORM NAME(S)</p> <p>N/A</p> | <p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p>Taut-wire mooring, buoy</p> | <p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <table border="1"> <thead> <tr> <th>PLATFORM</th> <th>OPERATOR</th> </tr> </thead> <tbody> <tr> <td>USA</td> <td>USA</td> </tr> </tbody> </table> | PLATFORM | OPERATOR | USA | USA | <p>7. DATES</p> <table border="1"> <thead> <tr> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td>7/10/79</td> <td>9/12/79</td> </tr> </tbody> </table> | FROM: MO, DAY, YR | TO: MO, DAY, YR | 7/10/79 | 9/12/79 |
| PLATFORM | OPERATOR | | | | | | | | | | |
| USA | USA | | | | | | | | | | |
| FROM: MO, DAY, YR | TO: MO, DAY, YR | | | | | | | | | | |
| 7/10/79 | 9/12/79 | | | | | | | | | | |
| <p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES See MESA Data Management Program</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p> | | <p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p>GENERAL AREA</p> | | | | | | | | | |
| <p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p> | | <p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Chief, Oceanographic Surveys Branch (301) 443-8501</p> | | | | | | | | | |

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|--------------------|-------------------------------------|--|--|---|
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| | | 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)

C. DATA FORMAT

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

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

FILE HEADER RECORDS are identified by "1" in position ten of the record. Next contains buoy identification.
STATION HEADER RECORD is identified by "2" in position ten of the record. Buoy location, sensor and water depth are included.
DATA RECORDS are identified by "3" in position ten. They contain date, time, and data.

GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A logical file consists of 3 file header records, one station header, and numerous data records. Samples every 10 minutes, spanning up to about 2 months may appear in an average file.
One physical file is permitted on each tape, and may contain several logical files.

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

RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Tom Baumgardner; (301) 443-8050
ADDRESS C333; WSC-1; 60001 Executive Blvd., Rockville, MD 20852
Supervisor: C.R. Muirhead; Chief, Oceanographic Surveys Branch, C333

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|---|--|
| <p>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>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>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 LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>DCB= (BLKSIZE=4500, LRECL=45, RECFM=FB TRTCH=ET)</p> <p>DEN=2 by default.</p> |
| <p>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>4500</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6</p> |

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 Direction | Degrees from true north. | Aanderaa Current Meter | * | ** |
| Current Velocity | Centimeters per second. | Aanderaa Current Meter | | |
| Water Temperature | Degrees Celsius | Aanderaa Current Meter | | |
| Water Pressure | Kilograms per square centimeter | Aanderaa Current Meter | | |
| Conductivity | Millimhos per centimeter | Aanderaa Current Meter | | |
| * A/D conversion to engineering units. | | | | |
| ** All data sampled at 10 minute intervals. | | | | |

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 (✓) | |
| <u>Aanderaa Current Meter</u> | | | MESA | (field season) | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |

RECORD FORMAT DESCRIPTION

RECORD NAME 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 | 29 | bytes | 29A1 | Optional Comments |
| <u>Station Header Record</u> | | | | | |
| IDENT | 1 | 15 | bytes | A3,3I3,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 |
| LONGHEM | 30 | 1 | bytes | A1 | "W" or "E" Hemisphere |
| DEPTH | 31 | 4 | bytes | F4.1 | Depth in Meters |
| WATER | 35 | 4 | bytes | F4.1 | Depth in Meters |
| blank | 39 | 7 | bytes | 7X | blank |
| <u>Data Record</u> | | | | | |
| IDENT | 1 | 15 | bytes | A3,3I3,A1,A5 | Same as "File Header Record" except Record Type is "2" |
| DATE | 16 | 6 | bytes | 3I3 | Year, Month, Day; observed |
| TIME | 22 | 4 | bytes | F4.2 | Time in Hours; observed |
| DIRECTION | 26 | 3 | bytes | F3.0 | Degrees from true North |
| VELOCITY | 29 | 4 | bytes | F4.0 | Current; cm/sec. |
| TEMP | 33 | 3 | bytes | F3.1 | Degrees Celsius |
| PRESSURE | 36 | 4 | bytes | F4.2 | kg/cm ² |
| CONDUCTIVITY | 40 | 4 | bytes | F4.2 | Millimhos/cm |
| blank | 44 | 2 | bytes | 2X | blank |

DATA RECORD (S)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|-----------------------------|---|---|---|---|---|---|----|-------------|----|---------|----|------------------------|----|--------------|----|------------------|----|------|----|----------|----|--------------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| File Type | | Creation Date Yr., Mo., Day | | | | | | | | Record Type | | Station | | Observed Date and Time | | Current Dir. | | Current Velocity | | Temp | | Pressure | | Conductivity | | Blank | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STATION HEADER

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|-----------------------------|---|---|---|---|---|---|----|-------------|----|---------|----|----------|----|-----------|----|--------------|----|-------------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| File Type | | Creation Date Yr., Mo., Day | | | | | | | | Record Type | | Station | | Latitude | | Longitude | | Sensor Depth | | Water Depth | | Blank | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FILE HEADER NO.3

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|-----------------------------|---|---|---|---|---|---|----|-------------|----|---------|----|----------------|----|-----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| File Type | | Creation Date Yr., Mo., Day | | | | | | | | Record Type | | Station | | Comment Number | | Text (Optional) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FILE HEADER NO.2

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|-----------------------------|---|---|---|---|---|---|----|-------------|----|---------|----|----------------|----|-----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| File Type | | Creation Date Yr., Mo., Day | | | | | | | | Record Type | | Station | | Comment Number | | Text (Optional) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FILE HEADER NO.1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|-----------------------------|---|---|---|---|---|---|----|-------------|----|---------|----|----------------|----|-----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| File Type | | Creation Date Yr., Mo., Day | | | | | | | | Record Type | | Station | | Comment Number | | Text (Optional) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

80-0037

NODC 29

NOAA FORM 61-29
(12-71)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

REFERENCE NO.
C211 - 14 **TR5425-33**

LETTER TRANSMITTING DATA

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

ORDINARY MAIL AIR MAIL

REGISTERED MAIL EXPRESS

GBL (Give number) _____
Interoffice Mail

TO:

Mr. James Ridlon
D781
Rm. 428, Page Bldg. #1

DATE FORWARDED
March 7, 1980

NUMBER OF PACKAGES
One

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

One 7-track computer tape containing 9 files of New York Bight area covering the period 7/10-9/12, 1979.

FROM: (Signature) *Samuel E. McCoy*
Samuel E. McCoy, Actg. Chief, Circulatory Surveys Branch

RECEIVED THE ABOVE
(Name, Division, Date)

Return receipted copy to:

NOAA/National Ocean Survey
6001 Executive Blvd.
Rockville, Maryland 20852
ATTN: C211

3/11/80

Data Set Route Sheet

Accession # 80-0037

| Step | Completion Date/Init. | Tape #, # of Files | BLKSIZE, | LRECL |
|--------------------------------------|------------------------|--------------------|----------|-------|
| 1. Originator Tape # | 3/12/80 SBK | JR157 1 | 4500 | 45 |
| 2. <u>QUAD I</u> Duplicate Tape # | 3/27/80 SBK | 12249 1 | 4800 | 60 |
| 3. DDF Evaluation | | | | |
| 4. Quality Review | | | | |
| 5. Preliminary Data Sort | | | | |
| 6. Preliminary Check | 7/2/80 SBK | | | |
| 7. First User Tape # | 7/15/80 SBK | 10867 1 | 4800 | 60 |
| 8. Final User Tape # | 7/15/80 SBK | 10418 1 | 4800 | 60 |
| 9. Final Check | 7/18/80 SBK | | | |
| 10. NAPIS Inventory | 7/10/80 SBK | | | |
| 11. DIP Inventory | | | | |
| 12. Data Set 'Finalized' | | | | |

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO:

| TYPE OF TAPE | TAPE NUMBER | LABEL | LRECL | BLKSIZE | RECFM | REMARKS |
|--------------|-------------|-------|-------|---------|----------------------|----------------|
| ORIGINATOR | JR157 | NL | 45 | 4500 | FB 800BPI 7-t | |
| DUPLICATE | 12249 | NL | 60 | 4800 | FB 1600BPI 9-t | |
| REFORMATTED | | | | | | |
| FIRST USER | 10867 | SL | 60 | 4800 | FB | DSN= TR5425 |
| FINAL USER | 10418 | SL | 60 | 4800 | FB | DSN= TR5425 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Error Correction Documentation Form

DATE:

TO: D751

FROM: J. Ridlon, D787

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0037

- 1) File Type: 005
- 2) Project Ident.: N.Y. Bight
- 3) Track Nos.: TR 5425-33

I. Error Corrections as reported to Principal Investigator:

| <u>Error</u> | <u>Correction Completed (Check)</u> |
|--|-------------------------------------|
| ① zero in conductivity MMHOS/CM D .01 needs blanking. | ✓ (SBR) |
| ② Delete *** in RT # 3 temperature deg. C D. 1 | ✓ (SBR) |

II. Additional error corrections:

| <u>Error</u> | <u>Correction Completed (Check)</u> |
|--------------|-------------------------------------|
|--------------|-------------------------------------|

III. Processor Name: Susan S. Kerig

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0335

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR5031

I. Error Corrections as reported to Principal Investigator:

| <u>Error</u> | <u>Correction Completed (Check)</u> |
|---|-------------------------------------|
| <i>Illegal blank imbedded in h. field</i> | <i>inserted zeros (SBR)</i> |

II. Additional error corrections:

| <u>Error</u> | <u>Correction Completed (Check)</u> |
|--------------|-------------------------------------|
|--------------|-------------------------------------|

III. Processor Name: Susan S. Kreis

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0335

TR 5031

| TYPE OF TAPE | TAPE NUMBER | LABEL | LRECL | BKSIZE | RECFM | REMARKS |
|-------------------|-------------|-------|-------|--------|-------|--------------|
| ORIGINATOR | B18361 | N | 60 | 60 | F | |
| QUAD DUPLICATE | 9369 | N | 60 | 4800 | FB | |
| FORMATTED | | | | | | |
| FIRST USER | 14424 | SL | 60 | 4800 | FB | DSN = TR5031 |
| FINAL USER | 14425 | SL | 60 | 4800 | FB | DSN = TR5031 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Data Set Route Sheet

Accession # 79-0335

TR5031

| Step | Completion Date/Init. | Tape #, | # of Files | BLKSIZE, | LRECL |
|-------------------------------------|-----------------------|---------|------------|----------|-------|
| 1. Originator Tape # | 10/3/79 FJM | B18361 | 1 | 60 | 60 |
| 2. QUAD Duplicate Tape # | 12/17/79 FJM | 9369 | 1 | 4800 | 60 |
| 3. DDF Evaluation | | | | | |
| 4. Quality Review | | | | | |
| 5. Preliminary Data Sort | | | | | |
| 6. Preliminary Check | 6/12/80 SBK | | | | |
| 7. First User Tape # | 6/17/80 SBK | 14424 | 1 | 4800 | 60 |
| 8. Final User Tape # | 6/17/80 SBK | 14425 | 1 | 4800 | 60 |
| 9. Final Check | 6/17/80 SBK | | | | |
| 10. NAPIS Inventory | 6/17/80 SBK | | | | |
| 11. DIP Inventory | | | | | |
| 12. Data Set 'Finalized' | | | | | |

80-0037

910A
NOOC 29

CURRENT DATA (TYPE 005) FROM NOS TO NODC

STATION N 31 S

0052180011 N31S1MESA NY BIGHT AREA,NOS,NOAA
0052180011 N31S2AANDERAA,S/N 1351, R/N 24
0052180011 N31S3213-250,1979,SHIP KELEZ
0052180012 N31S401812N 7354 6W 34 238

8-17 TO 9-5 '79
FIRST DATA POINT

TR 5425

0052180013 N31S79 8172250123 9192 363930

0052180013 N31S79 9 51900290 10208 412906

LAST DATA POINT (NO. 906)

STATION N 31 A

0052180011 N31A1MESA NY BIGHT AREA,NOS,NOAA
0052180011 N31A2AANDERAA,S/N 1348, R/N 367
0052180011 N31A3213-250,1979,SHIP KELEZ
0052180012 N31A401812N 7354 6W 186 238

8-1 TO 9-5 '79
FIRST DATA POINT

TR 5426

0052180013 N31A79 8 11853204 15135 1693793

0052180013 N31A79 9 51903250 20159 1664065

LAST DATA POINT (NO. 1682)

STATION N 23 S

0052180011 N23S1MESA NY BIGHT AREA,NOS,NOAA
0052180011 N23S2AANDERAA,S/N 608, R/N 964
0052180011 N23S3190-255,1979,SHIP KELEZ
0052180012 N23S4028 0N 7339 6W 34 235

7-11 TO 8-17 '79
FIRST DATA POINT

TR 5427

0052180013 N23S79 7111400140 5185 224 0

0052180013 N23S79 817 850233 11183 231 0

LAST DATA POINT (NO. 1766)

STATION N 14 A

0052180011 N14A1MESA NY BIGHT AREA,NOS,NOAA
0052180011 N14A2AANDERAA,S/N 1833, R/N 731
0052180011 N14A3190-255,1979,SHIP KELEZ
0052180012 N14A4030 6N 732412W 156 207

0052180013 N14A79 7101453129 22113 1933637

7-10 TO 9-12 '79
FIRST DATA POINT

TR 5428

0052180013 N14A79 9121653226 11181 2004209
45 BLANKS AT END OF STATION

LAST DATA POINT (NO. 3077)

STATION N 14 S

0052180011 N14S1MESA NY BIGHT AREA,NOS,NOAA
0052180011 N14S2AANDERAA,S/N 722, R/N 45
0052180011 N14S3190-255,1979,SHIP KELEZ
0052180012 N14S4030 6N 732412W 0 207

0052180013 N14S79 7101450289 10182 414057

7-10 TO 8-13 '79
FIRST DATA POINT

TR 5429

0052180013 N14S79 8131800226 4187 454155

LAST DATA POINT (NO. 1640)

STATION N 32 S

0052180011 N32S1MESA NY BIGHT AREA,NOS,NOAA
0052180011 N32S2AANDERAA,S/N 3356, R/N 470
0052180011 N32S3213-253,1979,SHIP KELEZ
0052180012 N32S401836N 734730W 30 573

0052180013 N32S79 8 12200 87 24215 32 0

8-1 TO 9-10 '79
FIRST DATA POINT

TR 5430

0052180013 N32S79 9101800188 7202 40 0
45 BLANKS AT END OF STATION

LAST DATA POINT (NO. 1913)

STATION N 32 A

0052180011 N32A1MESA NY BIGHT AREA,NOS,NOAA
 0052180011 N32A2AANDERAA,S/N 1346, R/N 1021
 0052180011 N32A3213-253,1979,SHIP KELEZ
 0052180012 N32A401836N 734730W 323 573

8-1709-10 '79
 FIRST DATA POINT

TR 5431

0052180013 N32A79 8 12203148 17117 3213662

0052180013 N32A79 9101803196 5149 4103837
 45 BLANKS AT END OF STATION

LAST DATA POINT (NO. 1913)

STATION N 33 S

0052180011 N33S1MESA NY BIGHT AREA,NOS,NOAA
 0052180011 N33S2AANDERAA,S/N 590, R/N 419
 0052180011 N33S3191-253,1979,SHIP KELEZ
 0052180012 N33S401918N 7338 6W 0 198

7-11709-10 '79
 FIRST DATA POINT

TR 5432

0052180013 N33S79 7111700156 7200 35 0

0052180013 N33S79 9101650 35 4206 44 0

LAST DATA POINT (NO. 2928)

STATION N 32 B

0052180011 N32B1MESA NY BIGHT AREA,NOS,NOAA
 0052180011 N32B2AANDERAA,S/N 1809, R/N 329
 0052180011 N32B3211-253,1979,SHIP KELEZ
 0052180012 N32B401836N 734730W 522 573

8-1709-10 '79
 FIRST DATA POINT

TR 5433

0052180013 N32B79 8 12157 78 8*** 5023373

0052180013 N32B79 9101807173 12*** 5333571

LAST DATA POINT (NO. 1914)

178 BLOCKS WRITTEN.

ALL BLOCKS ARE OF LENGTH 4500 CHARACTERS,
 EXCEPT THE LAST WHICH IS 3510 CHARACTERS LONG

Password:

| accNo | flea | refNo | proj | inst | ship | startDate | cruise | catId |
|---------|------|--------|------|------|------|------------|--------|--------|
| 8000037 | F005 | TR5405 | 0065 | 31J4 | 317F | 1979/06/09 | 197912 | 311364 |
| 8000037 | F005 | TR5406 | 0065 | 31J4 | 317F | 1979/06/09 | 197912 | 311365 |
| 8000037 | F005 | TR5407 | 0065 | 31J4 | 317F | 1979/06/09 | 197912 | 311366 |
| 8000037 | F005 | TR5408 | 0065 | 31J4 | 317F | 1979/06/10 | 197912 | 311367 |
| 8000037 | F005 | TR5409 | 0065 | 31J4 | 317F | 1979/06/10 | 197912 | 311368 |
| 8000037 | F005 | TR5410 | 0065 | 31J4 | 317F | 1979/06/09 | 197912 | 311369 |
| 8000037 | F005 | TR5411 | 0065 | 31J4 | 317F | 1979/06/09 | 197912 | 311370 |
| 8000037 | F005 | TR5412 | 0065 | 31J4 | 317F | 1979/06/10 | 197912 | 311371 |
| 8000037 | F005 | TR5413 | 0065 | 31J4 | 317F | 1979/06/10 | 197912 | 311372 |
| 8000037 | F005 | TR5414 | 0065 | 31J4 | 317F | 1979/06/15 | 192012 | 311373 |
| 8000037 | F005 | TR5415 | 0065 | 31J4 | 317F | 1979/06/10 | 192012 | 311374 |
| 8000037 | F005 | TR5416 | 0065 | 31J4 | 317F | 1979/06/10 | 192012 | 311375 |
| 8000037 | F005 | TR5417 | 0065 | 31J4 | 317F | 1979/06/10 | 192012 | 311376 |
| 8000037 | F005 | TR5418 | 0065 | 31J4 | 317F | 1979/06/28 | 287911 | 311377 |
| 8000037 | F005 | TR5419 | 0065 | 31J4 | 317F | 1979/06/28 | 287911 | 311378 |
| 8000037 | F005 | TR5420 | 0065 | 31J4 | 317F | 1979/06/29 | 287911 | 311379 |
| 8000037 | F005 | TR5421 | 0065 | 31J4 | 317F | 1979/06/29 | 287911 | 311380 |
| 8000037 | F005 | TR5422 | 0065 | 31J4 | 317F | 1979/06/29 | 287911 | 311381 |
| 8000037 | F005 | TR5423 | 0065 | 31J4 | 317F | 1979/06/28 | 287911 | 311382 |
| 8000037 | F005 | TR5424 | 0065 | 31J4 | 317F | 1979/06/28 | 287911 | 311383 |
| 8000037 | F005 | TR5425 | 0065 | 31J4 | 317F | 1979/08/17 | 218001 | 311384 |
| 8000037 | F005 | TR5426 | 0065 | 31J4 | 317F | 1979/08/01 | 218001 | 311385 |
| 8000037 | F005 | TR5427 | 0065 | 31J4 | 317F | 1979/07/11 | 218001 | 311386 |
| 8000037 | F005 | TR5428 | 0065 | 31J4 | 317F | 1979/07/10 | 218001 | 311387 |
| 8000037 | F005 | TR5429 | 0065 | 31J4 | 317F | 1979/07/10 | 218001 | 311388 |
| 8000037 | F005 | TR5430 | 0065 | 31J4 | 317F | 1979/08/01 | 218001 | 311389 |
| 8000037 | F005 | TR5431 | 0065 | 31J4 | 317F | 1979/08/01 | 218001 | 311390 |
| 8000037 | F005 | TR5432 | 0065 | 31J4 | 317F | 1979/07/11 | 218001 | 311391 |
| 8000037 | F005 | TR5433 | 0065 | 31J4 | 317F | 1979/08/01 | 218001 | 311392 |

(29 rows affected)

Password:

| accNo | fleA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---------|------|--------|------|--------|--------|-----------|----------|
| 8000037 | F005 | TR5405 | 317F | 2 | 2368 | 79/06/09 | 79/07/29 |
| 8000037 | F005 | TR5406 | 317F | 3 | 2549 | 79/06/09 | 79/08/12 |
| 8000037 | F005 | TR5407 | 317F | 2 | 1608 | 79/06/09 | 79/07/13 |
| 8000037 | F005 | TR5408 | 317F | 2 | 2411 | 79/06/10 | 79/07/30 |
| 8000037 | F005 | TR5409 | 317F | 2 | 2412 | 79/06/10 | 79/07/30 |
| 8000037 | F005 | TR5410 | 317F | 2 | 2500 | 79/06/09 | 79/07/31 |
| 8000037 | F005 | TR5411 | 317F | 2 | 2416 | 79/06/09 | 79/07/30 |
| 8000037 | F005 | TR5412 | 317F | 2 | 2485 | 79/06/10 | 79/07/31 |
| 8000037 | F005 | TR5413 | 317F | 2 | 2485 | 79/06/10 | 79/07/31 |
| 8000037 | F005 | TR5414 | 317F | 3 | 2285 | 79/06/15 | 79/08/01 |
| 8000037 | F005 | TR5415 | 317F | 3 | 2485 | 79/06/10 | 79/08/01 |
| 8000037 | F005 | TR5416 | 317F | 2 | 2452 | 79/06/10 | 79/07/31 |
| 8000037 | F005 | TR5417 | 317F | 2 | 2452 | 79/06/10 | 79/07/31 |
| 8000037 | F005 | TR5418 | 317F | 3 | 2301 | 79/06/28 | 79/08/01 |
| 8000037 | F005 | TR5419 | 317F | 3 | 3448 | 79/06/28 | 79/08/15 |
| 8000037 | F005 | TR5420 | 317F | 3 | 2332 | 79/06/29 | 79/08/16 |
| 8000037 | F005 | TR5421 | 317F | 3 | 2334 | 79/06/29 | 79/08/16 |
| 8000037 | F005 | TR5422 | 317F | 3 | 2334 | 79/06/29 | 79/08/16 |
| 8000037 | F005 | TR5423 | 317F | 3 | 2324 | 79/06/28 | 79/08/15 |
| 8000037 | F005 | TR5424 | 317F | 3 | 2325 | 79/06/28 | 79/08/01 |
| 8000037 | F005 | TR5425 | 317F | 2 | 910 | 79/08/17 | 79/09/05 |
| 8000037 | F005 | TR5426 | 317F | 2 | 1686 | 79/08/01 | 79/09/05 |
| 8000037 | F005 | TR5427 | 317F | 2 | 1770 | 79/07/11 | 79/08/17 |
| 8000037 | F005 | TR5428 | 317F | 3 | 3081 | 79/07/10 | 79/09/12 |
| 8000037 | F005 | TR5429 | 317F | 2 | 1644 | 79/07/10 | 79/08/13 |
| 8000037 | F005 | TR5430 | 317F | 2 | 1917 | 79/08/01 | 79/09/10 |
| 8000037 | F005 | TR5431 | 317F | 2 | 1917 | 79/08/01 | 79/09/10 |
| 8000037 | F005 | TR5432 | 317F | 3 | 2932 | 79/07/11 | 79/09/10 |
| 8000037 | F005 | TR5433 | 317F | 2 | 1918 | 79/08/01 | 79/09/10 |

(29 rows affected)