

DATA DOCUMENTATION FORM

ORM 24-13

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.

TR 4797 - TR 4810
 FOOS

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

USA 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
USA	USA

7. DATES

FROM: MO, DAY, YR	TO: MO, DAY, YR
3/12/79	4/25/79

8. ARE DATA PROPRIETARY?

NO YES See MESA Data Management Program

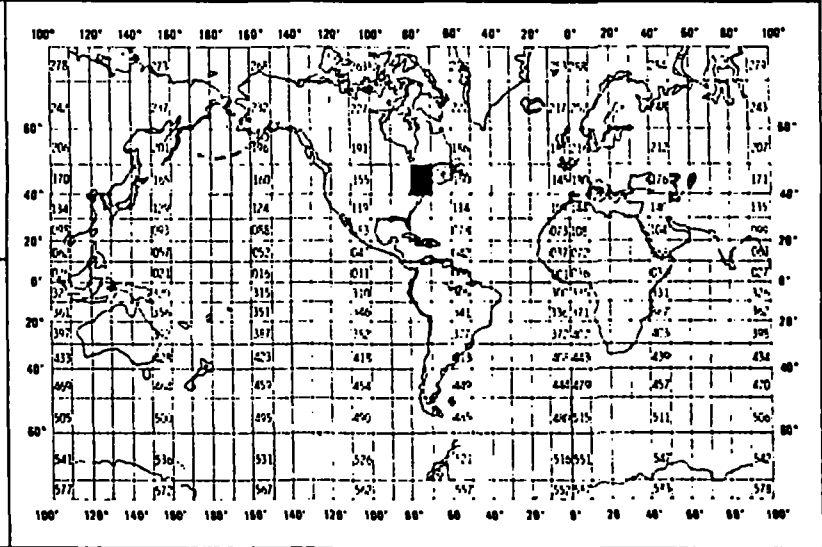
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___

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?)

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)

Chief, Oceanographic Surveys Branch
 (301) 443-8501

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.

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. LIST LANGUAGES 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</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME 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>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>4500</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>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 (✓)	
Aanderaa Current Meter			MESA	(field season)					

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
LONHEM	30	1	bytes	A1	"W" or "E" Hemisphere
SENSOR	31	4	bytes	F4.1	Depth in Meters
W	35	4	bytes	F4.1	Depth in Meters
bl	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" ³
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

Error Correction Documentation Form

DATE: 8/8/79

NO: D752

FROM: J.B. RIDLON

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0311

- 1) File Type: F005
- 2) Project Ident.: MESA NEW YORK BIGHT
- 3) Track Nos.: 4797-4810

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

Two '0' conductivity values deleted
-24' electrical conductivity value deleted

III. Processor Name: Moss/Lewis

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0311

NO. OF RECORDS = 27,899

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	JR 147	NL	45	4500	FB	7-track
DUPLICATE	03153	NL	60	4800	FB	9-track
REFORMATTED						
FIRST USER						
FINAL USER	DMNOE KMPD75. FOST 4797					
DISK DATA SET	D15773*FO05. TR 4797					

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)

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.

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

SESSION NO: 79-0311

NO. OF RECORDS = 7,599

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	JR147	NL	45	4500	FB	7-track
DUPLICATE	03153	NL	60	4800	FB	9-track
REFORMATTED						
FIRST USER						
FINAL USER						
DISK DATA SET	D15773*F005. TR4797					

DATA SET ROUTE SHEET

ACCESSION/TRACK # 79-0311/FR4999-4810

<u>Step</u>	<u>Completion Date/Init.</u>	<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE #		RIDLAN JR147	1	4500	45	27,899
QUADI/SCAN TAPE #		RIDLAN 03153	1	4800	60	27,899
DDF EVALUATION	9/80	JPM				
QUALITY REVIEW	9/80	JPM				
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	12/79	MRL 03153	1	4800	60	27,899
FIRST USER TAPE #		—				
WORK DISK FILE	9/14/80	JPM DIS173*FOO5.TR4797		4800	60	27,899
FINAL USER TAPE #		—				
FINAL MULCHEK	11/6/80 *	MRL DIS173*FOO5.TR4797		4800	60	27,899
EDITED DISK FILE	12/9/80	MRL DIS173*FOO5.TR4797		4800	60	27,899
DATA SET "FINALIZED"						

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900311	F005	TR4797	0065	31J4	317F	1979/03/13	027907	310300
7900311	F005	TR4798	0065	31J4	317F	1979/03/12	027907	310301
7900311	F005	TR4799	0065	31J4	317F	1979/03/12	027907	310302
7900311	F005	TR4800	0065	31J4	317F	1979/03/12	027907	310303
7900311	F005	TR4801	0065	31J4	317F	1979/03/12	027907	310304
7900311	F005	TR4802	0065	31J4	317F	1979/03/12	027907	310305
7900311	F005	TR4803	0065	31J4	317F	1979/03/13	027907	310306
7900311	F005	TR4804	0065	31J4	317F	1979/03/13	027907	310307
7900311	F005	TR4805	0065	31J4	317F	1979/03/12	027907	310308
7900311	F005	TR4806	0065	31J4	317F	1979/03/12	027907	310309
7900311	F005	TR4807	0065	31J4	317F	1979/03/19	027907	310310
7900311	F005	TR4808	0065	31J4	317F	1979/03/19	027907	310311
7900311	F005	TR4809	0065	31J4	317F	1979/03/13	027907	310312
7900311	F005	TR4810	0065	31J4	317F	1979/03/13	027907	310313

(14 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7900311	F005	TR4797	317F	2	3076	79/03/13	79/04/25
7900311	F005	TR4798	317F	2	2019	79/03/12	79/04/23
7900311	F005	TR4799	317F	2	2019	79/03/12	79/04/23
7900311	F005	TR4800	317F	2	2020	79/03/12	79/04/23
7900311	F005	TR4801	317F	2	2020	79/03/12	79/04/23
7900311	F005	TR4802	317F	2	2020	79/03/12	79/04/23
7900311	F005	TR4803	317F	2	2022	79/03/13	79/04/24
7900311	F005	TR4804	317F	2	2022	79/03/13	79/04/24
7900311	F005	TR4805	317F	2	2022	79/03/12	79/04/23
7900311	F005	TR4806	317F	2	2022	79/03/12	79/04/23
7900311	F005	TR4807	317F	2	855	79/03/19	79/04/06
7900311	F005	TR4808	317F	2	1734	79/03/19	79/04/24
7900311	F005	TR4809	317F	2	2025	79/03/13	79/04/24
7900311	F005	TR4810	317F	2	2023	79/03/13	79/04/24

(14 rows affected)