

DDF A: 2, 2

DATA DOCUMENTATION FORM

F005

NOAA FORM 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-R251

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 4426 - TR 4438

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		3. CPU:SE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
MESA New York Bight		N/A	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	
		PLATFORM	OPERATOR
N/A	Taut-wire mooring, buoy	USA	USA
7. DATES		8. ARE DATA PROPRIETARY?	
6/20/78 8/17/78		<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 _____	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
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

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</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>

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
LATHM	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
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

AANDERAA CURRENT DATA FORM

FILE HEADER NO.1

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.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																														
				Degrees	Minutes	Seconds "N" or "S"	Degrees	Minutes	Seconds "E." or "W"	Meters	Tenths	Meters	Tenths																															
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
				Year	Month	Day	Hour	Hundredths of Hour	Degrees from True North	Centimeters Per Second	Degrees Celsius	Tenths Kilograms Per cm ²

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

8/6/79

NUMBER OF PACKAGES

One

TO:

Mr. J. Ridlon
D781
Page Building - 1
Room 428

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 magnetic computer tape containing 13 files of Aanderaa current meter data from the New York Bight area, covering the period June 20 to August 17, 1978.

FROM: (Signature) *Charles R. Muirhead*

Charles R. Muirhead

RECEIVED THE ABOVE
(Name, Division, Date)

J. B. Ridlon
D781
8/8/79

Return receipted copy to:

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

Data Set Route Sheet

Accession # 79-0254

Dr. 4426-38

Step	Completion Date	Init.	Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	8/10/79	JPM	JR141 13	4500	45
2. ^{QUADI} Duplicate Tape #	8/13/79	JPM	06654 13	4800	60
3. DDF Evaluation	7/31/80	JW			
4. Quality Review	8/80	JPM			
5. Preliminary Data Sort					
6. Preliminary Check	80.204	JPM	6654	4800	60
7. First User Tape #	80.212	JPM	07901 (file 1)	4800	60
8. Final User Tape #	80 10/80	ARL	15283 file 2	4800	60
9. Final Check	8/80	JPM	*DISK		
10. NAPIS Inventory					
11. DIP Inventory					
12. Data Set 'Finalized'					

*DMAJOS XMPD 75 FOOT 4426

Error Correction Documentation Form

DATE: 8/13/79

TO: D752

FROM: J.B. Ridlon

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0254

- 1) File Type: #005
- 2) Project Ident.: N.Y. Bight
- 3) Track Nos.: TR4426-38

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

Pressure values of zero (0) were deleted.

III. Processor Name: Jeypine Nass

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0254

NO. OF RECORDS = 30,926

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	JR141	NL	45	4500	FB	800 BPI 7-track Even parity
DUPLICATE	06654	NL	60	4800	FB	1600 BPI 9-track odd parity
REFORMATTED						
FIRST USER	[REDACTED]					
FINAL USER	[REDACTED]					
DISK DATA SET	DMNOE*MPD 15. F00574426					

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0254

NO. OF RECORDS = 30,926

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	JR1A1	NL	45	4500	FB	800 BPI 7-track Even parity
DUPLICATE	06654	NL	60	4800	FB	1600 BPI 9-track odd parity
REFORMATTED						
FIRST USER	07901	SL	60	4800	FB	7-track 26
FINAL USER	6283	SL	60	4800	FB	DISK DISK TAPE
DISK DATA SET	DMNOE* MPD TS. F005 T4426					

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900254	F005	TR4426	0065	31J4	317F	1978/06/20	780921	309704
7900254	F005	TR4427	0065	31J4	317F	1978/06/20	780921	309705
7900254	F005	TR4428	0065	31J4	317F	1978/06/20	780921	309706
7900254	F005	TR4429	0065	31J4	317F	1978/06/20	780921	309707
7900254	F005	TR4430	0065	31J4	317F	1978/06/20	780921	309708
7900254	F005	TR4431	0065	31J4	317F	1978/06/20	780921	309709
7900254	F005	TR4432	0065	31J4	317F	1978/06/20	780921	309710
7900254	F005	TR4433	0065	31J4	317F	1978/06/20	780921	309711
7900254	F005	TR4434	0065	31J4	317F	1978/06/20	780921	309712
7900254	F005	TR4435	0065	31J4	317F	1978/06/20	780921	309713
7900254	F005	TR4436	0065	31J4	317F	1978/06/20	780921	309714
7900254	F005	TR4437	0065	31J4	317F	1978/06/20	780921	309715
7900254	F005	TR4438	0065	31J4	317F	1978/06/20	780921	309716

(13 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7900254	F005	TR4426	317F	3	2649	78/06/20	78/08/17
7900254	F005	TR4427	317F	3	2695	78/06/20	78/08/17
7900254	F005	TR4428	317F	3	2696	78/06/20	78/08/17
7900254	F005	TR4429	317F	3	2111	78/06/20	78/08/17
7900254	F005	TR4430	317F	3	2689	78/06/20	78/08/17
7900254	F005	TR4431	317F	3	2690	78/06/20	78/08/17
7900254	F005	TR4432	317F	3	2686	78/06/20	78/08/17
7900254	F005	TR4433	317F	3	2686	78/06/20	78/08/17
7900254	F005	TR4434	317F	3	2684	78/06/20	78/08/17
7900254	F005	TR4435	317F	3	2678	78/06/20	78/08/17
7900254	F005	TR4436	317F	3	2678	78/06/20	78/08/17
7900254	F005	TR4437	317F	2	992	78/06/20	78/08/17
7900254	F005	TR4438	317F	2	992	78/06/20	78/08/17

(13 rows affected)