

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-72)

U.S. DEPARTMENT OF COMMERCE

FORM APPROVED M.B. No. 41-R2651

APPROPRIATE CASES SENT TO NUIC 27 FEB 75
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TT0201-TT0245
FO15

IMPORTANT

This form should accompany all data shipments should be sent. This form must be completed when the remaining pertinent information reports, publications, or manuscripts, and format specifics. For data shipments should be sent.

THIS MATERIAL IS A PART OF THE DATA DOCUMENTATION OF THE MODE-1 DATA SET. DO NOT REMOVE, DISPOSE OF, OR GIVE THIS MATERIAL AWAY WITHOUT THE PRIOR APPROVAL OF THE NODC DATA SERVICES DIVISION, OCEANOGRAPHIC SERVICES BRANCH, D761. THANK YOU.

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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
Woods Hole Oceanographic Institution
Woods Hole, MA 02543

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
Mid-Ocean Dynamics Experiment (MODE)
IDOE/MODE

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
Numerous cruises of the R/V Chain for recovery and placement of the moorings

4. PLATFORM NAME(S)
each mooring has an institution number for identification purposes

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

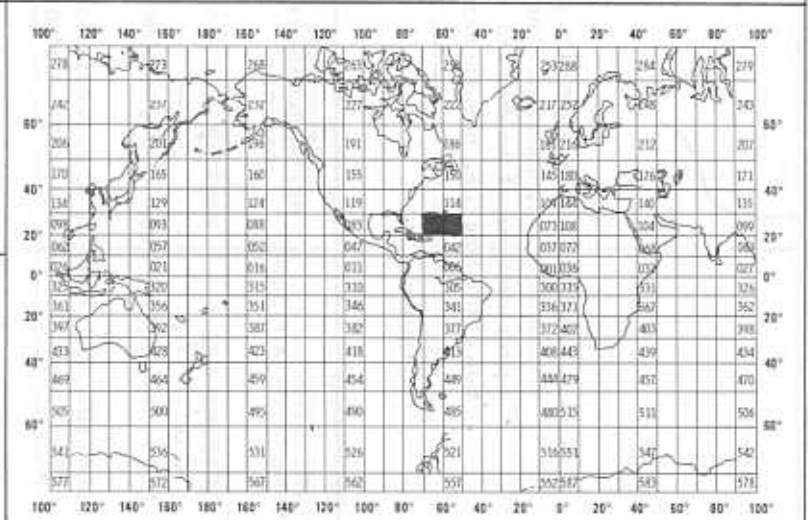
6. PLATFORM AND OPERATOR NATIONALITY(IES)
PLATFORM OPERATOR

7. DATES
FROM: MO, DAY, YR TO: MO, DAY, YR

8. ARE DATA PROPRIETARY?
 NO YES
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

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

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)
 NO YES PART (SPECIFY BELOW)



10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)
Dr. Richard Payne
Phone 617 548 1400 x531

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
<p>Note identification label for each</p> <p>East component North component Direction Speed Time Temperature</p>	<p>mm/sec. mm/sec. 128 level binary mm/sec. milli sec. deg. C</p>	<p>current meter record</p> <p>instrument manufacturer code 62= EG&G model 850 10= AMF Vector Averaging (VACM)</p>	<p>Instruments modified to reliability. Modifications do not change manufacturers accuracy specifications on sensing devices.</p>	<p>vector averaged</p>
<p>Remarks: Based on questions asked on supplemental questionnaire for current meter data</p> <p>All moorings are subsurface moorings. Vertical movement of the mooring is variable for each current meter on the mooring and varies with each mooring.</p> <p>Data recording Mode and treatment:</p> <p>Instrument</p> <p>AMF VACM EG&G 850</p>	<p>sensing interval</p> <p>variable 5 sec.</p>	<p>interrogation interval</p> <p>15 min. 30 min.</p>	<p>Number of readings for discrete obs.</p> <p>variable 15</p>	<p>Averaging technique</p> <p>vector averaged " " "</p>

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

Review WHOI Report 69-55

Maltais, John A., 1969. A Nine Channel Digital Magnetic Tape Format for Storing Oceanographic Data. Reference No. 69-55. Woods Hole Oceanographic Institution

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Tape label w/ end of file mark.

32 data files w/ each containing a identification/description label and end of file mark.

note attached tape log for location of data files on tape.

*45 data files - first 2 blocks are information about location, time, depth, etc
45 meters on 16 different moorings*

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Mr. John Maltais, 617 548 1400 x535

ADDRESS WHOI

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE <input type="checkbox"/> BCD <input checked="" 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 type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> .5-.6 inch</p>
<p>6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> IBM Standard</p>
<p>7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="font-size: 1.5em; text-align: center;">\$\$\$ NA NODC Tape # 14843</p>
<p>8. DENSITY <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 variable, never more than 2,048</p>
	<p>13. LENGTH OF BYTES IN BITS 8bits/bytes</p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
					<p>not constant, can be slightly different for different current meter records. check label for each current meter record. review WHOI report 69-55</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 (✓)		
Current meter rotors										
Thermistors	lab tested prior to placement in the field and on return a standard calibration correction is applied to all data recovered								XXX	



UNITED STATES DEPARTMENT OF COMMERCE
 National Oceanic and Atmospheric Administration
 ENVIRONMENTAL DATA SERVICE
 NATIONAL OCEANOGRAPHIC DATA CENTER
 Washington, DC 20235

February 10, 1977

D752/MF

Richard E. Payne
 Research Associate
 WHOI
 Woods Hole, MA 02543

Dear Mr. Payne:

Thank you for your tape \$SNA containing Mode Current Meter Data in the GATE format. It has been assigned our NODC accession number 77-0106. We have copied the tape successfully and have reviewed a partial dump to ensure compliance with GATE format rules. Everything appears to be in good shape, and we are looking forward to receiving WHOI current meter data in the GATE format.

If you have any questions, please feel free to call me at (202) 634-7225.

Sincerely,

Irving Perloth
 Director, Data Preparation
 Division

cc:
 S. Marcus
 P. Hadsell

1-0106
 Rec'd 2/2/77
 File # 14843

P.



WOODS HOLE OCEANOGRAPHIC INSTITUTION

WOODS HOLE, MASSACHUSETTS 02543

Phone (617) 548-1400
TWX 710-346-6601

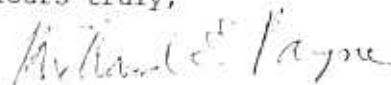
March 5, 1979

Don Maguire
National Oceanographic Data Center
Washington DC 20235

Dear Mr. Maguire:

Bob Heinmiller has asked me to send you a log of what was on the MODE current meter data tape which we sent you some time ago. Enclosed is a copy of our tape log for the tape from which your tape was copied. "Length" is total number of data cycles in a file. "Data time origin" is the date and time, in UTC, of the first data cycle in each file. I hope this will provide the information you need.

Yours truly,



Richard E. Payne

REP:aw
Encl.

P. S. We do not know if the 4856 C900A file marked NG is on the tape or not.* The correct version is the last file on the tape, 4856 C900B. If the A version is on the tape, please ignore it.

* it is not on the tape. The B version is the last file on the tape. *Wm*

COINTEL # UBO - 43 NIT - Originator's
 JAN. 25 1977 Tape No.

MOORE DATA

13:29 JUN 2

GATE Format

BUOY DATA

NODC ACC. No: 77-0106

MAGNETIC TAPE LAG
 FOR
 TAPE 5VBB

NODC Tape Copy No: 014843

* DATA NAME	* DATA TIME	* ORIGIN	* LENGTH	* FILE CREATED
* 4811C900A	* 73- III-11	06:07:30	* 1707	* 02:12 MAR 06, '75
* 4812D900A	* 73- III-11	07:11:15	* 4184	* 22:04 MAR 12, '75
* 4841B900A	* 73- III-13	12:07:30	* 1872	* 10:55 MAR 08, '75
* 4851B900A	* 73- III-14	04:07:30	* 1596	* 21:56 MAR 12, '75
* 4931B900A	* 73- IV -01	05:07:30	* 3916	* 11:07 MAR 08, '75
* 4941D900A	* 73- IV -01	12:07:30	* 8564	* 13:14 MAR 08, '75
* 4971C900A	* 73- IV -03	01:07:30	* 6628	* 13:09 MAR 08, '75
* 4981J900A	* 73- IV -03	08:07:30	* 8256	* 18:04 APR 11, '75
* 4991E900A	* 73- IV -03	22:07:30	* 4136	* 21:44 MAR 13, '75
* 5001AD900A	* 73- IV -04	08:07:30	* 2100	* 01:54 MAR 19, '75
* 5001BD900B	* 73- IV -26	18:07:30	* 5892	* 16:37 APR 24, '75
* 5011C900A	* 73- IV -04	20:07:30	* 4720	* 00:03 MAR 19, '75
* 4833E900A	* 73- III-12	18:07:30	* 7704	* 22:03 MAR 12, '75
* 4843E900A	* 73- III-13	16:07:40	* 5480	* 15:09 MAR 17, '75
* 4853D900A	* 73- III-14	04:07:30	* 3208	* 15:11 MAR 17, '75
* 4883C900A	* 73- III-15	18:07:30	* 3144	* 00:42 MAR 21, '75
* 4933E1800A	* 73- IV -01	13:03:34	* 4328	* 22:25 MAR 12, '75
* 4953F1800A	* 73- IV -01	23:00:34	* 4248	* 00:50 MAR 19, '75
* 4983D900B	* 73- IV -03	09:07:30	* 6300	* 11:02 APR 18, '75
* 4993B900A	* 73- IV -04	01:07:30	* 4892	* 01:00 MAR 19, '75
* 5003AC900A	* 73- IV -04	08:07:30	* 2100	* 02:08 MAR 21, '75
* 5003BC900A	* 73- IV -26	18:07:30	* 1656	* 02:11 MAR 21, '75
* 4819B900A	* 73- III-11	14:07:30	* 2628	* 21:19 MAR 13, '75
* NG 4856C900A ✓	* 73- III-14	04:07:30	* 1372	* 02:26 MAR 21, '75
* 4864C900A	* 73- III-14	19:07:30	* 3212	* 02:30 MAR 21, '75
* 4894C900A	* 73- III-16	09:22:30	* 1855	* 09:40 MAR 24, '75
* 4935B900B	* 73- IV -21	00:07:30	* 2208	* 22:04 APR 25, '75
* 4955E900A	* 73- IV -01	21:07:30	* 7116	* 09:44 MAR 24, '75
* 5005B900A	* 73- IV -04	08:07:30	* 2100	* 17:56 APR 02, '75
* 5015F900A	* 73- IV -04	16:37:00	* 4756	* 09:53 MAR 24, '75
* 481128900A	* 73- III-11	11:07:30	* 2968	* 22:14 MAR 12, '75
* 4826B900A	* 73- III-12	11:07:30	* 2452	* 09:53 MAR 24, '75
* 4865C900A	* 73- III-15	07:07:30	* 10436	* 11:23 MAR 26, '75
* 4885C900B	* 73- III-15	21:07:30	* 2204	* 16:34 APR 24, '75
* 4895B900A	* 73- III-16	16:07:30	* 4080	* 10:30 MAR 24, '75
* 4936D900A	* 73- IV -01	01:07:30	* 1936	* 10:33 MAR 24, '75
* 48115C1800A	* 73- III-11	05:19:42	* 5530	* 22:10 MAR 12, '75
* 4827B900C	* 73- III-12	10:07:30	* 2696	* 20:29 APR 25, '75
* 4837B900A	* 73- III-13	10:07:30	* 3560	* 01:43 MAR 25, '75
* 4847B900A	* 73- III-13	23:07:30	* 2612	* 13:28 MAR 25, '75
* 48118D1800A	* 73- III-11	05:20:32	* 5528	* 22:28 MAR 12, '75
* 49713G1800A	* 73- IV -02	20:00:34	* 3846	* 02:16 MAR 19, '75
* 5018F1800A	* 73- IV -04	15:10:37	* 4170	* 02:19 MAR 19, '75
* 49711K1800A	* 73- IV -03	07:00:34	* 4152	* 13:22 MAR 25, '75
* 5017S1800A	* 73- IV -05	06:00:34	* 4142	* 13:01 MAR 26, '75
* 4856C900B	* 73- III-14	04:07:30	* 1372	* 12:41 MAY 20, '75

*P.



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Sincerely,

Irving Perbroth
 Director, Data Preparation
 Division

cc:
 S. Marcus
 P. Hadsell

7.

*17-0106
 Rec'd 2/2/77
 Type # 14843*

