

TR 2790-2799
DATA DOCUMENTATION FORM

ACCESSION
 NUMBER

78.0051

Bi 3:16

~~TR 2790-2799~~
 TT1409-771434

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

F015

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.

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 PMEL/NOAA 3711 15 th St, NE Seattle, Washington 98105				78-003			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED MESA Puget Sound/PSERP		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT MESA 1E JDF-1 MESA 2E JDF-2 MESA 3E MESA 4E MESA 5E MESA 6E } File IDs					
4. PLATFORM NAME(S) MESA 1E JDF-1 " 2E JDF-2 " 3E " 4E " 5E " 6E		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy		6. PLATFORM AND OPERATOR NATIONALITY (IES) PLATFORM OPERATOR U.S. U.S.		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 8/21/76 10/5/76 " " 9/28/76 " " 11/1/76 2/22/76 see attached memo	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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?) <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) Mr. Pat Laird (206) 442-4580							

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

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

50171

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
<u>Speed</u> U-Direction V-Direction Temperature Conductivity Pressure	cm/sec cm/sec °C ‰ Decibars	Aanderaa Current Meter RCM-4 " " " "	N/A " " " "	N/A " " " "

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 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

[Empty box for listing record types]

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Not Cruises are separated by file marks on originator's tape

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Donna Bendiner (206) 573-2007
ADDRESS Dept. of Oceanography, Univ. of Washington, Seattle, Wash. 98105

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 LABEL SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>Vol. Ser. = JR104 (orig.)</i> <i>Vol. Ser. = 14641 (o/c)</i></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><i>3600</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>6</i></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

USER TAPE

[Empty box for listing record types]

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for file organization description]

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER 0752-NOAA/ESS/MSDC - 202-634-7505
ADDRESS WASH. DC. 20235

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY. <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><u>010440 (1,5L)</u> <u>DSN = TR2790</u></p>
<p>8. DENSITY</p> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<p>12. PHYSICAL BLOCK LENGTH IN BYTES <u>4800</u></p> <p>13. LENGTH OF BYTES IN BITS <u>60</u></p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

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					INST MEN 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 (✓)	

Error Correction Documentation Form

DATE: 1/22/81

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 78-0051

- 1) File Type: 015
- 2) Project Ident.: MBSA ROGET SOUND
- 3) Track Nos.: ~~TR 2790-2797~~ TR 2791 only

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

In vol. 16, 17 (YEAR) changed all occurrences of 77 to 76.
(RETCOR was used to retrieve 2791
the data to DMNOE *MPD75.F015 ~~2790~~)
I edited the corrections in.

III. Processor Name: Charles B. Seibert

TAPE OR DISK ASSIGNMENT SHEET
 (MRL) 11/6/78
 (Rev. 11/80)

1/23/81

ACCESSION/TRACK NO.: 786φ215/2791 (RETCOR)

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR							
DUPLICATE							
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE	DMNOE* MPD75.Fφ15T2791						

ATTENDED
NO. DAY

COMPLETED
NO. DAY

TAPE # / FILE #

1	NAME NUMBER	/	:	/	:	JR104 / 8 files
2	COPY (DIFF) TO	/	:	/	:	14641 /
3	REPLACED TAPE (IF REQUIRED)	/	:	/	:	
4	USER TIME GENERATION	09,20	EA	09,20	EA	$\phi 10440$ (SL) BIKsize 4800, LRECL $\phi 60$ DSN TR2790
5	CHECK RUN (ERRORS)	10,17	EA	10,17	EA	014641 (NL) BIKsize 4800, LRECL $\phi 60$
5	CHECK RUN (OK)	10,02	EA	10,02	EA	$\phi 10440$ (SL)
6	CRUNCH TAPE FROM "USER"	/	:	/	:	
7	EVALUATION OF ORIGINATOR CCF	/	:	10,78	:	MPL
8	NAPIS COUNT PROGRAM RUN	10,06	EA	10,06	EA	
9	DIP INVENTORY PROGRAM RUN	/	:	10,28	:	MPL

RECORD FORMAT DESCRIPTION CURRENT METER

RECORD NAME: TEXT RECORD (OPTIONAL)

FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING	
		NUMBER	UNITS			
File Type	1	3	Bytes	A3	Always '015'	
File Identification	4	6	Bytes	A6		
Record Type	10	1	Bytes	I1		Always '1'
Meter Number	11	5	Bytes	A5		Analogous to NODC Station Number
Text	16	38	Bytes	38A1		Additional pertinent information
Blank	54	1	Bytes	1X		
Sequence Number	55	6	Bytes	I6	Ascending numeric, used for sorting	
METER MASTER RECORD (REQUIRED)						
File Type	1	3	Bytes	A3	Always '015'	
File Identification	4	6	Bytes	A6		
Record Type	10	1	Bytes	I1	Always '2'	
Meter Number	11	5	Bytes	A5	Analogous to NODC Station Number	
Latitude, Degrees	16	2	Bytes	I2	'N' or 'S'	
Minutes	18	2	Bytes	I2		
Hundredths of minutes	20	2	Bytes	I2		
Hemisphere	22	1	Bytes	A1		
Longitude, Degrees	23	3	Bytes	I3	'E' or 'W'	
Minutes	26	2	Bytes	I2		
Hundredths of minutes	28	2	Bytes	I2		
Hemisphere	30	1	Bytes	A1		
Depth to bottom	31	5	Bytes	I5	Whole meters	
Depth of current meter	36	5	Bytes	I5	To tenths of a meter	
Meter Usage Sequence Number	41	3	Bytes	I3	Number of times meter has been used	
Institution Code	44	2	Bytes	A2	NODC Institution Code	
Axis Rotation	46	3	Bytes	I3	In whole degrees clockwise from true north of V axis	
Location Name	49	6	Bytes	A6	OCSEP internal location code	
Number of detail records	55	6	Bytes	I6	Number of type '3' records	

RECORD FORMAT DESCRIPTION CURRENT METER

RECORD NAME DETAIL RECORD (REQUIRED)

FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (o.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Meter Number	11	5	Bytes	A5	Analogous to NODC Station Number
Year	16	2	Bytes	I2	Last two digits of years
Month	18	2	Bytes	I2	1-12
Day	20	2	Bytes	I2	1-31
Time					GMT
Hour	22	2	Bytes	I2	0-23
Minute	24	2	Bytes	I2	0-59
Hundredth of minute	26	2	Bytes	I2	0-99
East-West (u) Current Component	28	6	Bytes	I6	To hundredths. Positive (East, and North) understood. cm/sec
North-South (v) Current Component	34	6	Bytes	I6	Negative (West and South) with negative sign. cm/sec
Temperature	40	5	Bytes	I5	To thousandths. Minus sign when negative in °C
Pressure	45	5	Bytes	I5	To tenths in Decibars
Conductivity	50	4	Bytes	I4	To hundredths of mmho/cm
Salinity	54	1	Bytes	I1	
Sequence Number	55	6	Bytes	I6	Ascending numeric, used for sorting

Blanks are used when significance of field indicated exceeds what is measured.

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800051	F015	TT1408	0082	313F	317F	1976/06/21	NULL	306369
7800051	F015	TT1409	0082	313F	317F	1976/06/21	NULL	306370
7800051	F015	TT1410	0082	313F	317F	1976/06/21	NULL	306371
7800051	F015	TT1411	0082	313F	317F	1976/06/21	NULL	306372
7800051	F015	TT1412	0082	313F	317F	1976/07/21	NULL	306373
7800051	F015	TT1413	0082	313F	317F	1976/07/21	NULL	306374
7800051	F015	TT1414	0082	313F	317F	1976/07/21	NULL	306375
7800051	F015	TT1415	0082	313F	317F	1977/07/21	NULL	306376
7800051	F015	TT1416	0082	313F	317F	1976/07/21	NULL	306377
7800051	F015	TT1417	0082	313F	317F	1976/07/21	NULL	306378
7800051	F015	TT1418	0082	313F	317F	1976/07/21	NULL	306379
7800051	F015	TT1419	0082	313F	317F	1976/07/21	NULL	306380
7800051	F015	TT1420	0082	313F	317F	1976/07/20	NULL	306381
7800051	F015	TT1421	0082	313F	317F	1976/07/20	NULL	306382
7800051	F015	TT1422	0082	313F	317F	1976/07/20	NULL	306383
7800051	F015	TT1423	0082	313F	317F	1976/07/20	NULL	306384
7800051	F015	TT1424	0082	313F	317F	1976/07/20	NULL	306385
7800051	F015	TT1425	0082	313F	317F	1976/07/20	NULL	306386
7800051	F015	TT1426	0082	313F	317F	1976/07/20	NULL	306387
7800051	F015	TT1427	0082	313F	317F	1976/02/25	NULL	306388
7800051	F015	TT1428	0082	313F	317F	1976/02/25	NULL	306389
7800051	F015	TT1429	0082	313F	317F	1976/02/25	NULL	306390
7800051	F015	TT1430	0082	313F	317F	1976/02/25	NULL	306391
7800051	F015	TT1431	0082	313F	317F	1976/02/25	NULL	306392
7800051	F015	TT1432	0082	313F	317F	1976/02/25	NULL	306393
7800051	F015	TT1433	0082	313F	317F	1976/02/25	NULL	306394
7800051	F015	TT1434	0082	313F	317F	1976/02/25	NULL	306395

(27 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800051	F015	TT1408	317F	20	7624	76/06/21	76/10/01
7800051	F015	TT1409	317F	20	7624	76/06/21	76/10/01
7800051	F015	TT1410	317F	20	7624	76/06/21	76/10/01
7800051	F015	TT1411	317F	20	7624	76/06/21	76/10/01
7800051	F015	TT1412	317F	11	4967	76/07/21	76/09/01
7800051	F015	TT1413	317F	11	1207	76/07/21	76/08/01
7800051	F015	TT1414	317F	11	4967	76/07/21	76/09/01
7800051	F015	TT1415	317F	11	1908	77/07/21	77/09/01
7800051	F015	TT1416	317F	12	4957	76/07/21	76/09/01
7800051	F015	TT1417	317F	12	4957	76/07/21	76/09/01
7800051	F015	TT1418	317F	12	4957	76/07/21	76/09/01
7800051	F015	TT1419	317F	12	4957	76/07/21	76/09/01
7800051	F015	TT1420	317F	6	5018	76/07/20	76/09/01
7800051	F015	TT1421	317F	6	4850	76/07/20	76/09/01
7800051	F015	TT1422	317F	9	5024	76/07/20	76/09/01
7800051	F015	TT1423	317F	9	5024	76/07/20	76/09/01
7800051	F015	TT1424	317F	9	4005	76/07/20	76/09/01
7800051	F015	TT1425	317F	6	5034	76/07/20	76/09/01
7800051	F015	TT1426	317F	6	5034	76/07/20	76/09/01
7800051	F015	TT1427	317F	12	5896	76/02/25	76/04/01
7800051	F015	TT1428	317F	12	5896	76/02/25	76/04/01
7800051	F015	TT1429	317F	12	5896	76/02/25	76/04/01
7800051	F015	TT1430	317F	12	5896	76/02/25	76/04/01
7800051	F015	TT1431	317F	12	5890	76/02/25	76/04/01
7800051	F015	TT1432	317F	12	5890	76/02/25	76/04/01
7800051	F015	TT1433	317F	12	5891	76/02/25	76/04/01
7800051	F015	TT1434	317F	12	5891	76/02/25	76/04/01

(27 rows affected)