

~~TR 2798-2804~~

ACCESSION NUMBER 78,0052

~~TR 2798-2804~~ TR 2804

DATA DOCUMENTATION FORM

TT1435-TT1464

DDF A:2:11

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

FOIS

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 15th St., NE Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Puget Sound Energy-Related Research Project (PSERP)		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA THIS SHIPMENT JDF-8 JDF-11 JDF-12 JDF-13 JDF-14 JDF-15 JDF-16 } File IDs	
4. PLATFORM NAME(S) JDF-11 JDF-3 JDF-12 JDF-13 JDF-14 JDF-15 JDF-16	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S. U.S.	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 10/28/76 12/12/76 10/27/76 12/13/76 11/25/76 12/15/76 see attached forms
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) 442-4550	

## 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
<i>Salinity</i>	<i>700</i>	<i>Nansen bottles</i>	<i>Inductive salinometer (Hytech model 5510)</i>	<i>N/A (Not applicable)</i>
		<i>STD Bissett-Berman Model 9006</i>	<i>N/A</i>	<i>Values averaged over 5-meter intervals</i>
<i>Water color</i>	<i>Forel scale</i>	<i>Visual comparison with Forel bottles</i>	<i>N/A</i>	<i>N/A</i>
<i>Sediment size</i>	<i>φ units and percent by weight</i>	<i>Ewing corer</i>	<i>Standard sieves. Carbonate fraction removed by acid treatment</i>	<i>Same as "Sedimentary Rock Manual," Folk '65</i>

(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
<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 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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

*Note: "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 \_\_\_\_\_  
ADDRESS \_\_\_\_\_

### 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 KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>Vol. Ser. = JR105 (orig.) Vol. Ser. = 14642 (o/c)</i></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><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

*Final 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 *P752 - NOAA/EDS/WDC - 202-6347505*  
ADDRESS *WASHINGTON, DC 20235*

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><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><i>011905 (1,5L)</i></p> <p><i>DSN = TR2798</i></p> <p>12. PHYSICAL BLOCK LENGTH IN BITES</p> <p><i>4800</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>60</i></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	

RECORD FORMAT DESCRIPTION CURRENT METER

RECORD NAME TEXT RECORD (OPTIONAL)

14. RECORD 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	
Minutes	18	2	Bytes	I2	
Hundredths of minutes	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	'N' or 'S'
Longitude, Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Hundredths of minutes	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	'E' or 'W'
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

2-20-76

RECORD NAME DETAIL RECORD (REQUIRED)

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 '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
Sequence Number	54	1	Bytes	1X	
	55	6	Bytes	I6	Ascending numeric, used for sorting

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

# 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		

# 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					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  (✓)	

Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
7800052	F015	TT1435	0082	313F	317F	1976/10/28	NULL	306396
7800052	F015	TT1436	0082	313F	317F	1976/10/28	NULL	306397
7800052	F015	TT1437	0082	313F	317F	1976/10/28	NULL	306398
7800052	F015	TT1438	0082	313F	317F	1976/10/28	NULL	306399
7800052	F015	TT1439	0082	313F	317F	1976/10/28	NULL	306400
7800052	F015	TT1440	0082	313F	317F	1976/10/27	NULL	306401
7800052	F015	TT1441	0082	313F	317F	1976/10/27	NULL	306402
7800052	F015	TT1442	0082	313F	317F	1976/10/27	NULL	306403
7800052	F015	TT1443	0082	313F	317F	1976/10/27	NULL	306404
7800052	F015	TT1444	0082	313F	317F	1976/10/27	NULL	306405
7800052	F015	TT1445	0082	313F	317F	1976/10/27	NULL	306406
7800052	F015	TT1446	0082	313F	317F	1976/10/27	NULL	306407
7800052	F015	TT1447	0082	313F	317F	1976/10/27	NULL	306408
7800052	F015	TT1448	0082	313F	317F	1976/10/27	NULL	306409
7800052	F015	TT1449	0082	313F	317F	1976/10/27	NULL	306410
7800052	F015	TT1450	0082	313F	317F	1976/10/27	NULL	306411
7800052	F015	TT1451	0082	313F	317F	1976/10/27	NULL	306412
7800052	F015	TT1452	0082	313F	317F	1976/10/28	NULL	306413
7800052	F015	TT1453	0082	313F	317F	1976/10/27	NULL	306414
7800052	F015	TT1454	0082	313F	317F	1976/10/27	NULL	306415
7800052	F015	TT1455	0082	313F	317F	1976/10/27	NULL	306416
7800052	F015	TT1456	0082	313F	317F	1976/10/27	NULL	306417
7800052	F015	TT1457	0082	313F	317F	1976/10/27	NULL	306418
7800052	F015	TT1458	0082	313F	317F	1976/10/27	NULL	306419
7800052	F015	TT1459	0082	313F	317F	1976/10/27	NULL	306420
7800052	F015	TT1460	0082	313F	317F	1976/10/27	NULL	306421
7800052	F015	TT1461	0082	313F	317F	1976/02/25	NULL	306422
7800052	F015	TT1462	0082	313F	317F	1976/02/25	NULL	306423
7800052	F015	TT1463	0082	313F	317F	1976/02/25	NULL	306424
7800052	F015	TT1464	0082	313F	317F	1976/02/25	NULL	306425

(30 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800052	F015	TT1435	317F	14	3256	76/10/28	76/12/01
7800052	F015	TT1436	317F	14	3257	76/10/28	76/12/01
7800052	F015	TT1437	317F	14	642	76/10/28	76/11/01
7800052	F015	TT1438	317F	14	3257	76/10/28	76/12/01
7800052	F015	TT1439	317F	14	3257	76/10/28	76/12/01
7800052	F015	TT1440	317F	12	3317	76/10/27	76/12/01
7800052	F015	TT1441	317F	12	3317	76/10/27	76/12/01
7800052	F015	TT1442	317F	12	3317	76/10/27	76/12/01
7800052	F015	TT1443	317F	12	3316	76/10/27	76/12/01
7800052	F015	TT1444	317F	12	3368	76/10/27	76/12/01
7800052	F015	TT1445	317F	12	3368	76/10/27	76/12/01
7800052	F015	TT1446	317F	12	3367	76/10/27	76/12/01
7800052	F015	TT1447	317F	12	169	76/10/27	76/10/27
7800052	F015	TT1448	317F	12	3367	76/10/27	76/12/01
7800052	F015	TT1449	317F	12	3367	76/10/27	76/12/01
7800052	F015	TT1450	317F	16	3373	76/10/27	76/12/01
7800052	F015	TT1451	317F	16	3373	76/10/27	76/12/01
7800052	F015	TT1452	317F	16	3340	76/10/28	76/12/01
7800052	F015	TT1453	317F	16	3373	76/10/27	76/12/01
7800052	F015	TT1454	317F	16	3373	76/10/27	76/12/01
7800052	F015	TT1455	317F	9	3380	76/10/27	76/12/01
7800052	F015	TT1456	317F	9	3380	76/10/27	76/12/01
7800052	F015	TT1457	317F	9	3380	76/10/27	76/12/01
7800052	F015	TT1458	317F	9	3386	76/10/27	76/12/01
7800052	F015	TT1459	317F	9	3386	76/10/27	76/12/01
7800052	F015	TT1460	317F	9	3386	76/10/27	76/12/01
7800052	F015	TT1461	317F	12	5884	76/02/25	76/04/01
7800052	F015	TT1462	317F	12	5884	76/02/25	76/04/01
7800052	F015	TT1463	317F	12	5885	76/02/25	76/04/01
7800052	F015	TT1464	317F	12	5885	76/02/25	76/04/01

(30 rows affected)