

DDF-B:2:08

DATA DOCUMENTATION FORM

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

<p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>James R. Holbrook Pacific Marine Environmental Laboratory (PMEL/ERL/NOAA) 3711 - 15th Avenue N. E. Seattle, WA 98105 (Telephone 206-543-5329)</p>																							
<p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p style="font-size: 1.2em;">STRAIT-1</p>		<p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p style="font-size: 1.2em;">STRAIT-1 CURRENT METER DATA NS0427</p>																					
<p>4. PLATFORM NAME(S)</p> <p style="font-size: 1.2em;">STRAIT-1</p>	<p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p style="font-size: 1.2em;">BUOY</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">6. PLATFORM AND OPERATOR NATIONALITY(IES)</th> <th colspan="2">7. DATES</th> </tr> <tr> <th>PLATFORM</th> <th>OPERATOR</th> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> <tr> <td style="text-align: center;">US</td> <td style="text-align: center;">US</td> <td>02/13/76</td> <td>02/18/76 (N338)</td> </tr> <tr> <td></td> <td></td> <td>02/19/76</td> <td>02/11/76 (N338)</td> </tr> <tr> <td></td> <td></td> <td>02/13/76</td> <td>05/03/76 (N339)</td> </tr> </table>		6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES		PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR	US	US	02/13/76	02/18/76 (N338)			02/19/76	02/11/76 (N338)			02/13/76	05/03/76 (N339)
6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES																					
PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR																				
US	US	02/13/76	02/18/76 (N338)																				
		02/19/76	02/11/76 (N338)																				
		02/13/76	05/03/76 (N339)																				
<p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p>		<p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p style="text-align: center;">GENERAL AREA</p>																					
<p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?</p> <p>(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p>		<p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>James R. Holbrook 206-543-5329</p>																					

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
TIME/DATE	GMT	CRYSTAL CLOCK	N/A	N/A
CURRENT VELOCITY	CM/SEC	AMF 338 (5m) AMF 339 (10m) <i>Vector averaging</i> <i>current Meter</i> <i>VACM</i> <i>Sawonius Rotor</i> <i>FJ841</i>	PROCESSED AT PMEL. TRANSFERRED TO 7- TRACK TAPE. CALIBRA- TIONS APPLIED. DATA EDITED AND BAD VALUES REPLACED BY LINEAR INTERPOLATION.	REPORTED VALUES REPRESENT AVERAGES OVER 15 MIN. INTERVALS.
TEMPERATURE	DEGREES C	THERMISTOR ON AMP METERS	SAME AS CURRENT VELOCITY	AVERAGE OVER 15 MIN

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS:

RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
METHOD OF IDENTIFYING EACH RECORD TYPE

Originator's Tape  
76-1638

Three (3) record types, text record (1), meter master record (2), and detail record (3), differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for file organization description]

RECORDS AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER NANCY SORFIDE (206-543-5276)  
ADDRESS PMEL/NOAA 3711-15th AVE NE, SEATTLE, WA 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 <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>STRAIT-1 CURRENT METER DATA TAPE FILE IDENTIFICATION NS2096 7-TRACK, BCD, 800 BPI ORIGINATOR- JAMES R. HOLBROOK VOL = SER = 9444, LABEL = (1, NL)</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>3600</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6</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 describing file organization]

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER D 752-6347505 / EDS / NODC  
ADDRESS WASH. DC 20235

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

*Vol = Ser = 0380 - Mar?*

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	
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

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 Identifica- tion	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) Cur- rent 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	IX	
	55	6	Bytes	I6	Ascending numeric, used for sorting

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

### 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  (✓)	
THERMISTOR YSI 44032 ON AMF 338	DEC 75		NWRCC		✓				
THERMISTOR YSI 044032 ON AMF 339	DEC 75		NWRCC		✓				

ACCESSION #: 76-1638

CRUISE	VESSEL	PARAMETER	COUNT	BEGIN & END DATES	TEN DEG. SQUARES
NS2096		STATIONS	<sup>3</sup> 9002	760213 760503	N40+ W120+
		EAST-WEST COMPONENT	10224	760213 760503	N40+ W120+
		NORTH-SOUTH COMP	10224	760213 760503	N40+ W120+
		TEMPERATURE	0	760213 760503	N40+ W120+
		PRESSURE	0	0 0	
		CONDUCTIVITY	0	0 0	



Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7601638	F015	TT1316	0082	313F	317F	1976/02/13	NS2096	300661
7601638	F015	TT1317	0082	313F	317F	1976/02/19	NS2096	300662
7601638	F015	TT1318	0082	313F	317F	1976/02/13	NS2096	300663

(3 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7601638	F015	TT1316	317F	7	521	76/02/13	76/02/13
7601638	F015	TT1317	317F	7	1953	76/02/19	76/03/01
7601638	F015	TT1318	317F	7	7753	76/02/13	76/05/01

(3 rows affected)