

DDF-B:2:15

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.N.B. No. 41-R2651

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.

RECEIVED
 JAN 30 1977

NEGOA
 RU 138

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

FILE TYPE 017

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Stanley Hayes Pacific Marine Environmental Laboratory (PMEL/ERL/NOAA) 3711 - 15th Avenue N. E. Seattle, WA 98105 (Telephone 206-442-4598)			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP Research Unit #138 (NEGOA-5)		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT FILE ID # NS1917 NEGOA 5/SLS13 (P100) / SLS14 (P102)	
4. PLATFORM NAME(S) DISCOVERER RP-DI-76-B Leg 6	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) NOAA Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR U.S. U.S.	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 05/13/76 08/26/76
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) Dr. Stanley Hayes (206) 442-4598	

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
PRESSURE	DBAR	P100, P102	PROCESSED AT PMEL. TRANSFERRED TO 7-TRACK TAPE. CALIBRATIONS APPLIED, DATA EDITED AND BAD VALUES REPLACED BY LINEAR INTERPOLATION.	REPORTED VALUES REPRESENT AVERAGES OVER 15 MIN.
TEMPERATURE	DEGREES, C	THERMISTOR	SAME AS FOR	PRESSURE

7/1/76

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

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

Four (4) record types; text record (1) which is optional, gauge master record I (2), gauge master record II (3), and detail record (4), differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for file organization description]

CHARACTERISTICS AS EXPRESSED IN PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER NANCY SOREIDE 543-5276
 ADDRESS PMEL/NOAA, 3711-15TH 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</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>138 017 NS1917 DISCOVERER RP4-DI-76-B Leg 6 76/05/13 - 76/08/26 HAYS, S 7-TRACK, 800 BPI, EVEN PARITY, BCD</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>3000</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 _____
ADDRESS _____

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>10787 (1, NL)</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>	
	<p>13. LENGTH OF BYTES IN BITS</p> <p>50</p>

RECORD FORMAT DESCRIPTION PRESSURE GAUGE

7-1-76

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 '017'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Gauge Number	11	5	Bytes	A5	Analogous to NODC Station Number
Text	16	20	Bytes	20A1	Additional pertinent information
Sequence Number	36	5	Bytes	I5	Ascending numeric, used for sorting
Blank	41	10	Bytes	10X	
GAUGE MASTER RECORD I (REQUIRED)					
File Type	1	3	Bytes	A3	Always '017'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Gauge 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 of Pressure Gauge	31	5	Bytes	I5	Meters to tenths
Number of Detail Records	36	5	Bytes	I5	Indicates number of type '4' records following
Blank	41	10	Bytes	10X	

RECORD FORMAT DESCRIPTION PRESSURE GAUGE

7-1-76

RECORD NAME GAUGE MASTER RECORD II (OPTIONAL)

FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '017'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Gauge Number	11	5	Bytes	A5	Analogous to NODC Station Number
Depth to Bottom	16	5	Bytes	I5	Whole meters
Meter Usage Sequence Number	21	3	Bytes	I3	Number of times meter has been used
Institution Code	24	2	Bytes	A2	NODC institution code
Location Name	26	6	Bytes	A6	OCSEP internal location code
Blank	32	19	Bytes	19X	
DETAIL RECORD (REQUIRED)					
File Type	1	3	Bytes	A3	Always '017'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Gauge Number	11	5	Bytes	A5	Analogous to NODC Station Number
Date,					
Year	16	2	Bytes	I2	Last two digits of year
Month	18	2	Bytes	I2	1-12
Day	20	2	Bytes	I2	1-31
Time,					
Hour	22	2	Bytes	I2	0-23
Minutes	24	2	Bytes	I2	0-59
Hundredths of Minutes	26	2	Bytes	I2	0-99
Total Pressure	28	8	Bytes	I8	Decibars XXXXX.XXX (unsigned, decimal not punched)
Sequence Number	36	5	Bytes	I5	Ascending numeric, used for sorting
Temperature	41	5	Bytes	I5	XX.XXX °C to thousandths
Blank	46	5	Bytes	5X	

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 YSI44032 ON P100	MAR 76	NOIC			✓				
" ON P102	"	"			✓				
P100, P102	APR 76	"			✓				

READING DATA FOR GAUGE P100 AT DEPTH 49.0, SCANS 1 TO 9120 = 9120 TOTAL DATA SCANS.

RECORD NO.	1										
*****017NS19172	P10059451	N141336	W	49	9120	*****017NS19173	P100	49	33F	*****	
*****017NS19174	P10076051320	0		6009	1 538	*****017NS19174	P1007605132015		6024	2 542	*****
*****017NS19174	P1007605132030			6038	3 544	*****017NS19174	P1007605132045		6050	4 546	*****
*****017NS19174	P10076051321	0		6057	5 547	*****017NS19174	P1007605132115		6063	6 549	*****
*****017NS19174	P1007605132130			6067	7 548	*****017NS19174	P1007605132145		6068	8 549	*****
*****017NS19174	P10076051322	0		6066	9 549	*****017NS19174	P1007605132215		6062	10 540	*****
*****017NS19174	P1007605132230			6056	11 549	*****017NS19174	P1007605132245		6048	12 549	*****
*****017NS19174	P10076051323	0		6038	13 549	*****017NS19174	P1007605132315		6027	14 549	*****
*****017NS19174	P1007605132330			6014	15 549	*****017NS19174	P1007605132345		5998	16 540	*****
*****017NS19174	P100760514	0 0		5983	17 549	*****017NS19174	P100760514 015		5967	18 540	*****
*****017NS19174	P100760514	030		5950	19 548	*****017NS19174	P100760514 045		5933	20 548	*****
*****017NS19174	P100760514	1 0		5917	21 548	*****017NS19174	P100760514 115		5902	22 548	*****
*****017NS19174	P100760514	130		5887	23 548	*****017NS19174	P100760514 145		5873	24 548	*****
*****017NS19174	P100760514	2 0		5862	25 548	*****017NS19174	P100760514 215		5852	26 548	*****
*****017NS19174	P100760514	230		5844	27 548	*****017NS19174	P100760514 245		5837	28 548	*****
*****017NS19174	P100760514	3 0		5833	29 548	*****017NS19174	P100760514 315		5832	30 548	*****
*****017NS19174	P100760514	330		5834	31 548	*****017NS19174	P100760514 345		5837	32 548	*****
*****017NS19174	P100760514	4 0		5843	33 548	*****017NS19174	P100760514 415		5852	34 548	*****
*****017NS19174	P100760514	430		5863	35 547	*****017NS19174	P100760514 445		5877	36 547	*****
*****017NS19174	P100760514	5 0		5891	37 547	*****017NS19174	P100760514 515		5906	38 547	*****
*****017NS19174	P100760514	530		5922	39 547	*****017NS19174	P100760514 545		5940	40 547	*****
*****017NS19174	P100760514	6 0		5959	41 547	*****017NS19174	P100760514 615		5979	42 547	*****
*****017NS19174	P100760514	630		5999	43 547	*****017NS19174	P100760514 645		6019	44 547	*****
*****017NS19174	P100760514	7 0		6039	45 547	*****017NS19174	P100760514 715		6057	46 547	*****
*****017NS19174	P100760514	730		6075	47 547	*****017NS19174	P100760514 745		6091	48 547	*****
*****017NS19174	P100760514	8 0		6105	49 547	*****017NS19174	P100760514 815		6117	50 547	*****
*****017NS19174	P100760514	830		6127	51 547	*****017NS19174	P100760514 845		6136	52 547	*****
*****017NS19174	P100760514	9 0		6141	53 547	*****017NS19174	P100760514 915		6144	54 547	*****
*****017NS19174	P100760514	930		6143	55 547	*****017NS19174	P100760514 945		6140	56 547	*****
*****017NS19174	P100760514	10 0		6135	57 547	*****017NS19174	P1007605141015		6127	58 547	*****

	017	24
SDF1	001204	
SDF2	001435	
ANSI		
TR	49, 129, 567, 596-598, 638, 641, 1295, 1296, 1318, 1319, 1717, 1718, 2085, 3078, 3493-3495, 5345-5349	
		320, 194

accession no: 77-0097

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700097	F017	TR0129	0081	313F	31DS	1976/05/13	RP-DI76B	302637

(1 row affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7700097	F017	TR0129	31DS	8	18969	76/05/13	76/08/26

(1 row affected)