DATA DOCUMENTATION FORM

TR-0049

F017

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

Pacific Marine Environmental Laboratory
NOAA/ERL
3711 15th NE
Seattle, WA 98105

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
OCS/Alaska Bristol Bay Oceanographic Processes (B-BOP)	BERING (File I.D.)

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
BC-4A BC-2A	Buoy	U.S.	U.S.	9/7/75	10/5/75

8. ARE DATA PROPRIETARY?

[X] NO   [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

[X] 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)

Richard B. Tripp
(206) 543-5334

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

GENERAL AREA

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
pressure	decibars	Aanderaa pressure gauge TG-2A	total pressure	N/A
time	hours, minutes	" " "	time interval of 15 min between recording is derived from an internal crystal oscillator.	

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

Gauge Master Record I -- '2' in byte 10

Detail Record -- '4' in byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

One file containing:

    Master Record I for pressure gauge mooring BC-2A

5567 Detail Records

    Master Record I for pressure gauge mooring BC-4A

5581 Detail Records

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

4. RESPONSIBLE COMPUTER SPECIALIST:
    NAME AND PHONE NUMBER ___ Patricia Morrison ___
    ADDRESS Dept. of Oceanography, University of Washington, Seattle, WA 98195

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☒ BCD   ☐ BINARY
☐ ASCII   ☐ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☒ SEVEN
☐ NINE
☐ _____

7. PARITY
☐ ODD
☒ EVEN

8. DENSITY
☐ 200 BPI   ☐ 1600 BPI
☒ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH
☐ _____

10. END OF FILE MARK
☒ OCTAL 17
☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)

PJT 010 = VOL = SER

LRECL = 40

BLKSIZE = 2000

12. PHYSICAL BLOCK LENGTH IN BYTES
2000

13. LENGTH OF BYTES IN BITS

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

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

Header Record (2) and Detail Record (4) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

One physical file located in file position 2 (2,NL) with 2 header

records and 11,000+ detail records

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Data Systems Formulation and Integration Branch
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☐ ASCII ☒ EBCDIC ☐ _____	**9. LENGTH OF INTER-RECORD GAP (IF KNOWN)** ☒ 3/4 INCH ☐ _____
	10. END OF FILE MARK ☒ OCTAL 17 ☐ _____
6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____	**11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)** · 11575 (2,NL)
7. PARITY ☒ ODD ☐ EVEN	
8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____	**12. PHYSICAL BLOCK LENGTH IN BYTES** 4000
	13. LENGTH OF BYTES IN BITS

RECORD FORMAT DESCRIPTION

RECORD NAME ___Gauge Master Record I___

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (o.g. bits, bytes)	16. LENGTH NUMBER	UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '017'
File Identification	4	6	"	A6	
Record Type	10	1	"	I1	Always '2'
Gauge Number	11	5	"	I5	Analogous to NODC Station Numbe
Latitude,					
Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths of minutes	20	2	"	I2	
Hemisphere	22	1	"	A1	'N'
Longitude,					
Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths of minutes	28	2	"	I2	
Hemisphere	30	1	"	A1	'W'
Depth of Pressure Gauge	31	5	"	I5	Meters and tenths
Number of Detail Records	36	5	"	I5	Indicates number of type '4' records following

RECORD NAME ___ DETAIL RECORD (REQUIRED)_____

14. 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	"	A6	
Record Type	10	1	"	I1	Always '4'
Gauge Number	11	5	"	I5	Analogous to NODC Station Number
Date,					
Year	16	2	"	I2	Last two digits of year)
Month	18	2	"	I2	1-12)
Day	20	2	"	I2	1-31) GMT
Time,					)
Hour	22	2	"	I2	0-23)
Minutes	24	2	"	I2	0-59)
Blank	26	2	"	2X	Blank
Total pressure	28	8	"	I8	Decibars XXXXX.XXX (unsigned, decimal not punched)
Sequence Number	36	5	"	I5	Ascending numeric, used for sorting

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)
Aanderaa Pressure Gauge -- PMEL (TG-2A)	5 May 1975		Aanderaa Instruments Ltd.	✓ 12 months		✓ mini			
Aanderaa Pressure Gauge -- UW (TG-2A)	Sept. 1975		"					✓	

NAPIS NO. 76-0746

TRACK NO. TR0049

COUNTRY   U.S.

CRUISE NO.   BERING

PROJECT   OCSEAP/ALASKA   ORIGINATOR   P.M.E.L.

GENL AREA   BRISTOL BAY, ALASKA

MARSDEN SQ.   197

PLATFORMS   BUOYS (BC-4A AND BC-2A)

INCLUSIVE DATES   9/7/75 TO 10/5/75   (BOTH BUOYS)

DATA TYPE AND AMOUNT

              PRESSURE   2 STATIONS   8600 OBSERVATIONS
                0184   (4300 ea. BUOY)

DNP   NO

USER TAPE NO.   11575   FILE 2 (2,NL)

```
Password:
 accNo    fleA refNo  proj inst ship    startDate  cruise    catId
 -------- ---- ------ ---- ---- ------- ---------- --------- ----------
 7600746 F017 TR0049 0081 313F 317F    1975/09/01 BERING       299022

(1 row affected)
```

Password:
```
 accNo      fleA refNo   ship staCnt       recCnt       startDate    endDate
 --------   ---- -------  ---- -----------  -----------  -----------  -----------
 7600746    F017 TR0049   317F           7        11182  Sep  1 1975 Oct  1 1975
```

(1 row affected)