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NUMBER

**76-0**746

# DATA DOCUMENTATION FORM

TR-0049 FOIT

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

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

	LETED BY DONOR	FOR ALL L	MIN IKANSMII	ITALS	•			
1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED								
Pacific Marine Envi	ronmental Labor	ratory						
NOAA/ERL		-						
3711 15th NE								
Seattle, WA 98105	D DDOCDAM DISTING		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY					
2. EXPEDITION, PROJECT, O DATA WERE COLLECTED	R PROGRAM DURING	инісн .		MBER(S) USED E	ST URIGINATOR	TO IDENTIFY		
OCS/Alaska								
Bristol Bay Oceanog	raphic Processe	es	BERING (	File I.D.)		·		
(B-BOP)		-	·					
4. PLATFORM NAME(S)	5. PLATFORM TYPI (E.G., SHIP, BUO		6. PLATFORM A	AND OPERATOR		TES		
BC-4A			PLATFORM	OPERATOR	FROM: MODAY,YF	TO: MO/DAY/YR		
BC-4A BC-2A	Buoy							
			v.s.	U.S.	9/7/75	10/5/75		
	·							
8. ARE DATA PROPRIETARY	?.	1	SE DARKEN ALI					
X NO YES		35,		-3230.0				
IF YES, WHEN CAN TH FOR GENERAL USE!			GENERAL AREA					
9. ARE DATA DECLARED NA PROGRAM (DNP)?		100° 120° 140° 188° 188° 160° 140° 120° 100° 80° 88° 40° 20° 0° 20° 40° 60° 80° 100°						
(I.E., SHOULD THEY BE IN		211		I WARRA POLICE	\$ 23 PEA	maches m		
DATA CENTERS HOLDING: TIONAL EXCHANGE?)	FUR IN LENNA-	242	212		\$21725	100 TAN 100		
XNO YES PAR	T (SPECIFY BELOW)	50" 704		4 - FBF		217 207 50°		
	. (C. DOLL DILLOW)	170	12-100		14 180	171 400		
		<u>    </u> -}}	129 124	119	1073108	7 140 135		
A BERCON TO WHOM INCOMES	ES CONCERNING	"	054 052	04	037 072	00. 20°		
10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRES	SED WITH TELE-	. 2		310 50	7 700335	726		
PHONE NUMBER (AND ADE THAN IN ITEM-I)	RESS IF OTHER	20- 364	D50 d i 351	34n 44 382 37	1 336 371	367 362 40V 398		
Richard B. Tripp	40"	U 460 8 459	418	544.479	437 434 46*			
(206) 543-5334			500 495		<del>┦╶</del> ╏═╏═╂═┼	511 506		
	_	60° (**)	530 531		314551	(u) (u) (u) (u)		
	•	377	572 567	562 651	52258	583 578		
		100° 120°	140" 160" 180" 180" 140	o* 120° 100° 80° 60°	40° 20° 0° 20°	40" 60" 80" 100"		
NOAA FORM 24-13			<del></del>		USC	DMM-DC 44289-P72		

# 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	11 11 11	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 TRANSMITTA GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	L OF YOUR FILE
Gauge Master Record I '2' in byte	e 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	110021118 20 411
JJOI BECAII RECOIDS	
	·
ATTRIBUTES AS EXPRESSED IN PL-1	ALGOL COBOL
X FORTRAN	LANGUAGE
· .	
NAME AND PHONE NUMBERPatrici	a Morrison
	niversity of Washington, Seattle, WA 98195
COMPLETE THIS SECTION IF DATA ARE ON MAGNE	 TIC TAPE
5. RECORDING MODE	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH
X BCO BINARY	RECORD GAP (IF KNOWN) A 374 INCH
LASCII LEBODIC	10. END OF FILE MARK
	OCTAL 17
6. NUMBER OF TRACKS (CHANNELS)  X SEVEN	
NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE) . ORIGINATOR NAME AND SOME LAY SPECIFICATIONS
	OF DATA TYPE, VOLUME NUMBER)
7. PARITY	PLTOID : VOL : SER
X EVEN	LRECL = Yo
8. DENSITY	BLK513E = 2000
200 BPI 1600 BPI	
X 556 8PI	12. PHYSICAL BLOCK LENGTH IN BYTES
600 BPI	2000
	•

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L. DATA FURMAT

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

	_	• •
Неядел	r Record (2) and Dateil	Record (4) differentiated by byte 10.
; iicaaci	TOOCIA (C) WIN DECAIL	necord (4) differentiated by byte 10.
		•
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	• • •	•
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<del></del>	<del></del>	
GIVE BRIEF DESCRI	PTION OF FILE ORGANIZATION	
One r	physical file located in	file position 2 (2,NL) with 2 header
· · ·	mysical life rocated in	rille position 2 (2,NL) with 2 neader
records and	11,000+ detail records	
	•	
•		•
		•
ATTRIBUTES AS EXI	PRESSED IN PL-1 [X] FORTRAN [	ALGOL COBOL LANGUAGÉ
RESPONSIBLE COMP	X FORTRAN	
RESPONSIBLE COMP NAME AND ADDRESS	T FORTRAN  PUTER SPECIALIST: PHONE NUMBER Data Syste	ems Formulation and Integration Branch
ADDRESS COMPLETE THIS	X FORTRAN	ms Formulation and Integration Branch
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS	T FORTRAN  PUTER SPECIALIST: PHONE NUMBER Data Syste	ems Formulation and Integration Branch
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS	T FORTRAN  OUTER SPECIALIST: O PHONE NUMBER Data System  SECTION IF DATA ARE ON MAGE	ems Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER-
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS	T FORTRAN  O PHONE NUMBER Data System  SECTION IF DATA ARE ON MAGE  BCD BINARY	ems Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE	T FORTRAN  OUTER SPECIALIST: O PHONE NUMBER Data Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII TEBCDIC	Ems Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE	T FORTRAN  OUTER SPECIALIST: Data Syste  Data Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII TEBCDIC	Ems Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE	T FORTRAN  OUTER SPECIALIST: O PHONE NUMBER Data Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII TEBCDIC	EMS Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE	T FORTRAN  TO THE SPECIALIST: DETAIL SYSTEM  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII TEBCDIC  S SEVEN	EMS Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE  NUMBER OF TRACK (CHANNELS)	T FORTRAN  PUTER SPECIALIST: PHONE NUMBER Data Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII EBCDIC  S SEVEN  X NINE	EMS Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE  NUMBER OF TRACK (CHANNELS)	T FORTRAN  OUTER SPECIALIST: Deta Syste  Deta Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII EBCDIC  S SEVEN  X NINE  X ODD	EMS Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE  NUMBER OF TRACK (CHANNELS)	T FORTRAN  PUTER SPECIALIST: PHONE NUMBER Data Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII EBCDIC  S SEVEN  X NINE	EMS Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE  NUMBER OF TRACK (CHANNELS)	T FORTRAN  OUTER SPECIALIST: OPHONE NUMBER Data Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII EBCDIC  S SEVEN  X NINE  X ODD EVEN	EMS Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE  NUMBER OF TRACK (CHANNELS)	T FORTRAN  OUTER SPECIALIST: DATA Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII EBCDIC  S SEVEN  X NINE  X ODD EVEN  200 BPI X 1600 BPI	Ems Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  11575 (2,NL)
RESPONSIBLE COMP  NAME AND ADDRESS  COMPLETE THIS RECORDING MODE	T FORTRAN  OUTER SPECIALIST: Deta Syste  Data Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII EBCDIC  S SEVEN  X NINE  200 BPI X 1600 BPI  556 BPI	EMS Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  11575 (2,NL)
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE  NUMBER OF TRACK (CHANNELS)	T FORTRAN  OUTER SPECIALIST: DATA Syste  SECTION IF DATA ARE ON MAGE  BCD BINARY  ASCII EBCDIC  S SEVEN  X NINE  X ODD EVEN  200 BPI X 1600 BPI	Ems Formulation and Integration Branch  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH  10. END OF FILE MARK  X OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  11575 (2,NL)

Gauge Master Record I

14. FIELD NAME	15. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
. •	FROM-1 MEASURED	•			
	IN bytes	NUMBER	UNITS	]	
	(o.g., bita, bytes)	NUMBER			
File Type	1	3	Bytes	A3	Always '017!
File Identifi-					
cation	4	6	11	A6	
Record Type	10	1	"	11	Always '2'
Gauge Number	11	. 5	*1	15	Analogous to NODC Station Number
Latitude,		ا م	11	7.0	
Degrees Minutes	16 18	2 2	11	12 12	
Hundredths of	10	-		12	
minutes	20 .	2	"	12	
Hemisphere	22	Ī	11	A1	'N'
Longitude,	'	ĺ		]	
Degrees	23.	3	11	13	
Minutes	26 ··	2	"	12	
Hundredths of	·0.0		11	7.0	
minutes	<sup>28</sup> 30	2 1		12	'w'
Hemisphere Depth of	οŅ	1		Al	, w
Pressure Gauge	31	5		15	Meters and tenths
Number of Detail				1	
Records	36	· 5	11	15	Indicates number of type '4'
					records following
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# PRESSURE GAUGE RECORD FORMAT DESCRIPTION

RECORD NAME DETAIL RECORD (REQUIRED)

RECORD NAMEDET	AIL RECORD	(REQU	IRED)		•
14. FIELD NAME	15. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
<b>1</b> '	FROM-1 MEASURED	Į.			
·	INBytes				1
	(o.g., bits, bytes)	NUMBER	בדואט		
File Type	1	3	Bytes	A3	Always '017'
File Identifica-			,		
tion	4	6	"	. л6	
Record Type	10	1	''	11	Always '4'
Gauge Number	11	5	"	15	Analogous to NODC Station Number
Date,	<u> </u>	1			
Year	16 ·	2	"	12	Last two digits of year)
Month	18	2	11	12	.[1-12
Day	20	2	[ "	12	1-31 ) <sub>GMT</sub>
Time,					<b>,</b>
llour	22	2		12	0-23
Minutes Blank	24 26	2 . 2.	,,	12	0-59
Total pressure	28	8	,,	2X 18	Blank Decibars XXXXX.XXX
Total pressure	20	"		10	(unsigned, decimal not punched)
Sequence Number	36	5	11	15	Ascending numeric, used for
			1		sorting
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## 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 ("V") 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 WAS	CALIBRATED BY	CHECK ONE: INSTRUMENT IS CALIBRATED					
INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (V)	IS NOT CALI- BRATED
Aanderaa Pressure Gauge PNEL (TG-2A)	5 May 1975		Aanderaa Instruments Ltd.	√ 12 months		√ mini			
Aanderaa Pressure Gauge UW (TG-2A)	Sept. 1975	·	11				·	1	
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			·						
		·							
		· · · · · · · · · · · · · · · · · · ·			<del></del>				

ON 2 IPAN	76-0746		
TRACK NO	TR0049		
COUNTRY	<u>u.s.</u>		
CRUISE NO	BERING		
PROJECT	OCSEAP/ ALASKA	CRIGINATOR	P.M.E.L.
GENL AREA	BRISTOL BAY, ALASKA		
MARSDEN SC	. 197		
PLATFORMS	BROYS (BC-4A AND	3C-2A)	·
INCLUSIVE DA	TES 9/7/75 TO 10/5/	15 (Воля	30072)
DATA TYPE	Taus Ams		
	PRESSURE 3	ZUOITATE S	
DNP	No	- · · · · · · · · · · · · · · · · · · ·	
	i		
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	ip staCnt recCnt		startDate		endDate	
7600746	F017	TR0049	317F	7	11182	Sep	1 1975	Oct 1	1975

(1 row affected)