ACCESSION NUMBER 76-0929

TR0059

DDF-B:2:20 DATA DOCUMENTATION FORM

FORM 24-13

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

F022

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.

319022 C022

Orig. Tape PLG117

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. N.E.
Seattle, Wa. 98105

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

MESA Puget Sound

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

SP-7-MA-75

ID: SP7-MA

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
NOAA Ship MCARTHUR	SHIP	U.S.	U.S.	09/15/75	09/16/75

8. ARE DATA PROPRIETARY?

☒ 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?)

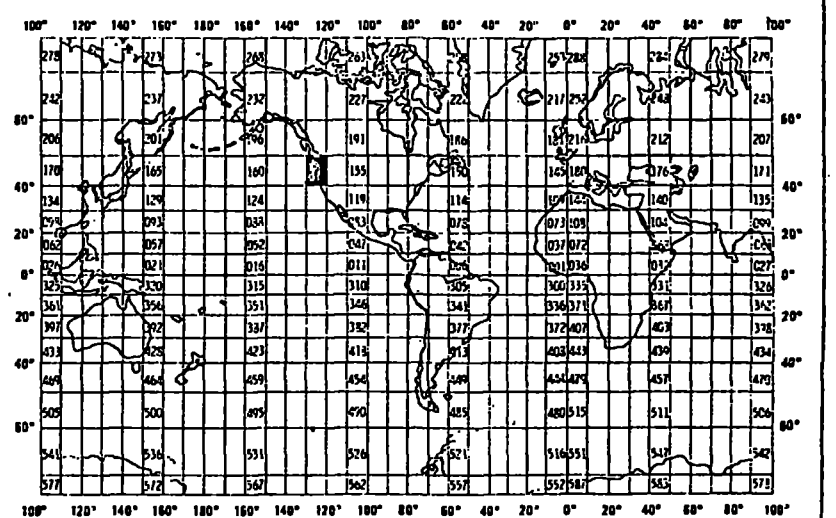
☒ NO ☐ YES ☐ PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Pat Laird
206 - 442 - 4580

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

GENERAL AREA



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USCOMM-DC 44243-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
DEPTH	m	S.T.D. Plessey 9006	N/A	Values Averaged over 1 meter interv.
TEMPERATURE	°C	"	N/A	
SALINITY	‰	"	N/A	

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
AND METHOD OF IDENTIFYING EACH RECORD TYPE

Three (3) record Types, Text Record (1); Master Record (2); and detail record (3) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Donna Bendiner (206) 543-2007

ADDRESS Dept of Oceanography, Univ 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)*

PMEL / NOAA Sept 15, 16, 1975
SP-7-MA-75 23 stations
STD DATA
MESA PUGET SOUND
File ID = SP7-MA

12. PHYSICAL BLOCK LENGTH IN BYTES: 3600 bytes

13. LENGTH OF BYTES IN BITS: 6 bits

PLG117

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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
AND METHOD OF IDENTIFYING EACH RECORD TYPE

SAME as originator.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Same as originator.

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

~~4. RESPONSIBLE COMPUTER SPECIALIST~~
~~NAME AND PHONE NUMBER~~ 76-0929 User Tape
~~ADDRESS~~

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
☒ 256

10. END OF FILE MARK
☐ OCTAL 17
☒ EBCDEC

11. PASTE-ON-PAPER LABEL DESCRIPTION (*INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER*)
OMCS Lib. # 2784
LABEL=(2,NL)

12. PHYSICAL BLOCK LENGTH IN BYTES
(BLKSIZE=3160, LRECL=120, RECFM=FB)

13. LENGTH OF BYTES IN BITS
8

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D NAME TEXT RECORD (OPTIONAL)

FRAME	LOCATION FROM-1 MEASURED IN Bytes (e.g., Bits, Bytes)	LENGTH NUMBER	LENGTH UNITS	ATTRIBUTES	TYPE AND MEANING
e Type	1	3	Bytes	A3	Always '022'
e Identification	4	6	Bytes	A6	
ord Type	10	1	Bytes	I1	Always '1'
t Number	11	5	Bytes	A5	Analogous to NODC Station Number
t	16	100	Bytes	100A1	Additional pertinent information
quence Number	116	5	Bytes	I5	Ascending numeric, used for sorting
	MASTER RECORD (REQUIRED THRU BYTES 59)				
le Type	1	3	Bytes	A3	Always '022'
le Identification	4	6	Bytes	A6	
cord Type	10	1	Bytes	I1	Always '2'
st Number	11	5	Bytes	A5	Analogous to NODC Station Number
titude					
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'
ngitude					
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'
ruise Identification	31	10	Bytes	10A1	Originator Cruise Identification
mber of Scans	41	5	Bytes	I5	Number of scans in a 'station' (There are five scans per record type '3')
ar	46	2	Bytes	I2	Last two digits of year } GMT
nth	48	2	Bytes	I2	1-12
y	50	2	Bytes	I2	1-31
ur	52	2	Bytes	I2	0-23
nutes	54	2	Bytes	I2	0-59
pth Interval Indicator	56	1	Bytes	I1	'0' equals unequally spaced depths '1' equals equal spaced depths
pth Interval	57	3	Bytes	I3	When above equals '1', the depth interval, to tenths of meters reported.
ric sure	60	5	Bytes	I5	Millibars to tenths

ORD NAME MASTER RECORD CONTINUED

D NAME	15. POSITION FROM-1 MEASURED IN Bytes (Bits, Bytes)	16. LENGTH NUMBER	UNITS	17. ATTRIBUTES	18. USE AND MEANING
t bulb tempera-ture	65	4	Bytes	I4	Degrees C to tenths
y bulb tempera-ture	69	4	Bytes	I4	Degrees C to tenths
nd direction	73	2	Bytes	I2	Tens of degrees WMO Codes 0855 and 0877
nd speed	75	2	Bytes	I2	Whole knots
ather Code	77	1	Bytes	I1	WMO 4501
a State Code	78	1	Bytes	I1	WMO 3700
sibility Code	79	1	Bytes	I1	WMO 4300
loud Type Code	80	1	Bytes	A1	WMO 0500
loud Amount Code	81	1	Bytes	I1	WMO 2700
strument Information	82	20	Bytes	20A1	Type and Serial Number
ocation Name	102	6	Bytes	A6	OCSEP Internal Location Code
epth to bottom	108	5	Bytes	I5	To whole meters
ximum depth of cast	113	4	Bytes	I4	To whole meters
lank	117	4	Bytes	4X	
	DETAIL RECORD (REQUIRED)				
ile Type	1	3	Bytes	A3	Always '022'
ile Identification	4	6	Bytes	A6	
ecord Type	10	1	Bytes	I1	Always '3'
ast Number	11	5	Bytes	A5	Analogous to NODC Station Number
epth	16	5	Bytes	I5	Meters to tenths
emperature	21	5	Bytes	I5	Degrees C to thousandths } SCAN
alinity	26	5	Bytes	I5	P.P.T. to thousandths } DATA
igma-t	31	4	Bytes	I4	To hundredths
can Condition Code	35	1	Bytes	A1	Code describing how data arrived at
CAN DATA	36	4(20)	Bytes	4(3I5,I4,A1)	Repetition of above
quence Number	116	5	Bytes	I5	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 CALIBRATE
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)
STD - Plessey 9006	Dec 1995		NOIC	✓ ~ 1 year					

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USCOMM-DC 4428

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7600929	F022	TR0059	0082	313F	31M4	1975/09/15	SP7-MA75	299229
7600929	C022	319022	0082	313F	31M4	1975/09/15	TR0059	299230

(2 rows affected)

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Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 7600929 F022 TR0059 31M4 23     726    75/09/15   75/09/16
 7600929 C022 319022 31M4 23     23     75/09/15   75/09/16

 (2 rows affected)
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