Filetype 101 | ACCESSION NUMBER 78-0257

DDF-B:1:09

DATA DOCUMENTATION FORM

TR2921-2923

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-R2051

F101

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.

78-006

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

James R. Holbrook
Pacific Marine Environmental Laboratory (PMEL/ERL/NOAA)
3711 - 15th Avenue N. E.
Seattle, WA 98105 (Telephone 206-543-5329)

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

STRAIT RESPONSE

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

STRAIT-5, STRAIT-6, STRAIT-7
WIND RECORDER DATA

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
STRAIT-5 TR2921 STRAIT-6 TR2922 STRAIT-7 TR2923	BUOYS	US	US	06/21/77	09/25/77

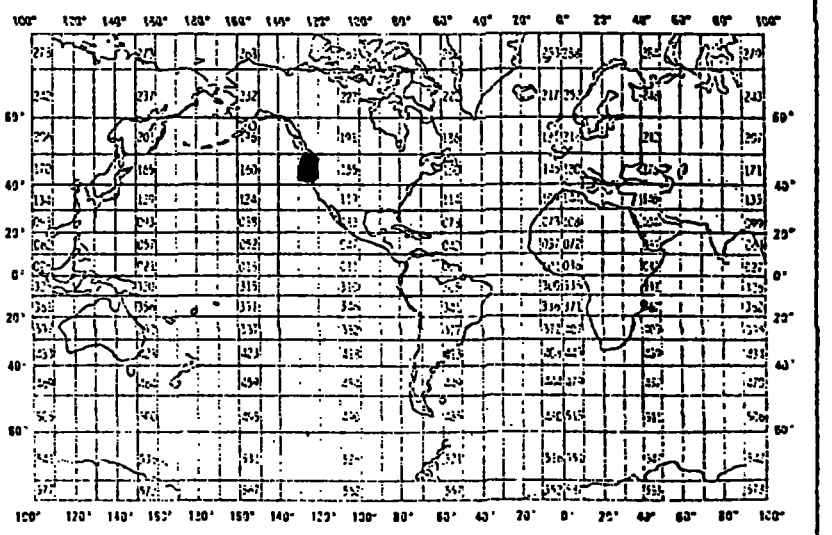
8. ARE DATA PROPRIETARY?

[X] NO [ ] 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?)

[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)*

James R. Holbrook
206-543-5329

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
WIND VELOCITY	CM/SEC	VAWR 0336 " 0334 " 0362	PROCESSED AT PMEL. TRANSFERRED TO 7-TRACK TAPE. CALIBRATIONS APPLIED. DATA EDITED AND BAD VALUES REPLACED BY LINEAR INTERPOLATION.	REPORTED VALUES REPRESENT AVERAGES
AIR TEMPERATURE	DEGREES C	THERMISTOR ON INSTRUMENT	SAME AS ABOVE	AVERAGE VALUES

C. DATA FORMAT

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

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

MESA PUGET SOUND WIND FORMAT

Three Record Types: (1) Station Header I (optional)
(2) Station Header II
(3) Data Record

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

TRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER J.R. HOLBROOK
ADDRESS PMEL/NOAA 3711 15TH AVE NE. SEATTLE, WASH 98105

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*)

STRAIT- 5,6,7 WIND DATA
TAPE FILE ID - SH0838
7-TRACK, EVEN PARITY, 800 BAI, BCD
ORIGINATOR - JAMES R. HOLBROOK

12. PHYSICAL BLOCK LENGTH IS
3000

13. LENGTH OF BYTES IN BITS
6

MESA Puget Sound
Wind Format "101"
page 1
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Vol. Ser. = JR108 (orig.)
Vol. Ser = 10763 (o/c)

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

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 D752 - NOAA/EDS/NODC
ADDRESS WASHINGTON, DC. 20235

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)*

01256I (1,5L)

DSN= TR2921

12. PHYSICAL BLOCK LENGTH IN BYTES 4800

13. LENGTH OF BYTES IN BITS 60

RECORD FORMAT DESCRIPTION

RECORD NAME STATION HEADER I (optional)

FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	bytes	I3	always "101"
File I.D.	4	6	"	A6	unique cruise number or date
Record Type	10	1	"	I1	always "1"
Meter Number	11	5	"	A5	analogous to NODC station number
Text	16	29	"	29A1	information describing site, instrument and/or data.
Sequence Number	45	6	"	I6	ascending numeric used to reconstruct order of station header records upon recovery

RECORD FORMAT DESCRIPTION

RECORD NAME STATION HEADER II

FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	bytes	I3	always "101"
File I.D.	4	6	"	A6	unique cruise number or date
Record Type	10	1	"	I1	always "2"
Meter Number	11	5	"	A5	analogous to NODC station number
Latitude					
Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths	20	2	"	I2	hundredths of minutes
Hemisphere	22	1	"	A1	"N" or "S"
Longitude					
Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths	28	2	"	I2	hundredths of minutes
Hemisphere	30	1	"	A1	"E" or "W"
form Type	31	1	"	A1	use platform code below
,ation	32	4	"	I4	elevation in whole meters to base of instrument platform
Height of platform	36	3	"	I3	meters to tenths height of building, tower, ship above ground (ship - above S.L.
Meter Use Number	39	3	"	I3	number of times meter has been deployed by investigator
Blank	42	9	"	9X	

PLATFORM CODE

1 - Research ship
2 - Non-specialized ship
3 - Satellite
4 - Balloon
5 - Airplane
6 - Anchored buoy
7 - Drifting buoy
8 - Submerged float - anchored
9 - Submerged float - drifting
A - Fixed platform
B - Fixed coastal station/ fixed shore station
C - Drifting Ice
D - Submersible
E - Helicopter
F - Shore observer (auto or foot)
G - Ice station

RECORD FORMAT DESCRIPTION

RECORD NAME DATA RECORD

FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	bytes	I3	always "101"
File I.D.	4	6	"	A6	unique cruise number or date
Record Type	10	1	"	I1	always "3"
Meter Number	11	5	"	A5	analogous to NODC station number
Date/Time					
year	16	2	"	I2	always GMT
month	18	2	"	I2	
day	20	2	"	I2	
hour	22	2	"	I2	
minute	24	2	"	I2	
hundredth	26	2	"	I2	hundredths of minutes
East-West (u) wind component	28	5	"	A5	meters/second to hundredths *** no sign for positive (East) floating "-" for negative (West)
North-South (v) wind component	33	5	"	A5	meters/second to hundredths *** no sign for positive (North) floating "-" for negative (South)
Blank	38	7	"	7X	
Sequence Number	45	6	"	I6	ascending numeric used to reconstruct order of data records upon retrieval

*** wind components are in the meteorologic ~~oceanographic~~ sense, i.e., flowing ~~towards~~ from

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Wind Format "1"
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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 ("✓") 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 (√)	(√)
MODIFIED AMF VACM WITH CLIMET CUP SENSOR	JUN 1977	✓			✓				

USCOMM-DC 44289-P76

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES

PACIFIC MARINE ENVIRONMENTAL LABORATORY
3711 - 15th Avenue Northeast
Seattle, Washington 98105

Date: March 14, 1978

To: Dean Dale
MESA/Puget Sound Data Manager

From: Jim Holbrook
DSP Group

Subject: Data submission/STRAIT-5, STRAIT-6, STRAIT-7

Enclosed are magnetic tapes (2) and DDFs (2) for current meter and wind recorder data collected from surface moorings (called STRAIT-5, STRAIT-6 and STRAIT-7) deployed in the western Strait of Juan de Fuca between 21 June and 25 September, 1977. The tape is in MESA/NODC standard format.

JH:fs

Enclosure

cc: D. Halpern

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA SERVICE
National Oceanographic Data Center Liaison Office
Pacific Marine Environmental Laboratory
NOAA Bldg. 264 (tower)
7600 Sand Point Way N.E.
Seattle, Wa. 98115

Date : March 20, 1978

To : Dr. James B. Ridlon, MESA Data Coordinator

From : Sid Stillwaugh, Seattle Liaison Office

Subject : MESA Data Submission

Enclosed (certified 523028) find magnetic tapes (2), and associated documentation for;

J.R. Holbrook/PMEL FT 015 & FT 101, Strait 5,6 &7, cruise dates 06/21/77 to 09/25/77 inclusive.

Enclosures

```
1   04      06  EQ  'TR2922'    AND
    10      01  EQ  '2'         AND
    23      03  EQ  '240'       AND
    23      07  =   '1243350'   FELS
    04      06  EQ  'TR2923'    AND
    10      01  EQ  '2'         AND
    23      03  EQ  '240'       AND
    23      07  =   '1241300'   FELS
    10      01  EQ  '2'         AND
    22      01  =   'N'         FELS
    1       03  EQ  '101'
```

D752 (Phil):

Please note the missing hemisphere entrance for north ("N") in the track numbers TR2922 and TR2923. Also, there is a discrepancy in the [redacted] Long. locations for TR2922 and TR2923. These should read as follows:

Info. from Dean Dale

TR2922 — 124° 33.50 W (Strait #6)
TR2923 — 124° 13.00 W (Strait #7)

Could we have these corrected on the QUAD I tape #10763? (or reformatted tape). There is a request from NCC for these data — thus, a priority for completion.

Jack

P.S. Please return to me when corrections have been completed. Thank you.

Filetype 101

SDF1 020710
SDF2 001813
ANSI 000615

TR 114, 118, 1465, 1662, 1697, 1698, 1707, 2921-2923, 3259, 3260, 3937-3941

65,766

Accession No: 78-0257

ID: Puget Sound/PSERP

```
Password:
 accNo   fleA refNo  proj inst ship    startDate  cruise   catId
 ------- ---- ------ ---- ---- ------- ---------- -------- ----------
 7800257 F101 TR2921 0082 313F 317F    1977/06/21 STRAIT-5     306723
 7800257 F101 TR2922 0082 313F 317F    1977/06/21 STRAIT-6     306724
 7800257 F101 TR2923 0082 313F 317F    1977/06/21 STRAIT-7     306725
 7800257 F015 TR2955 0082 313F 317F    1977/06/21 STRAIT 5     306726
 7800257 F015 TR2956 0082 313F 317F    1977/06/21 STRAIT 5     306727
 7800257 F015 TR2957 0082 313F 317F    1977/06/21 STRAIT 6     306728
 7800257 F015 TR2958 0082 313F 317F    1977/06/21 STRAIT 6     306729
 7800257 F015 TR2959 0082 313F 317F    1977/06/21 STRAIT 7     306730
 7800257 F015 TR2960 0082 313F 317F    1977/06/21 STRAIT 7     306731
 7800257 F015 TR2961 0082 313F 317F    1977/06/21 STRAIT 7     306732
 7800257 F015 TR2962 0082 313F 317F    1977/06/21 STRAIT 7     306733
 7800257 F015 TR2963 0082 313F 317F    1977/06/21 STRAIT 7     306734

(12 rows affected)
```

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 7800257 F101 TR2921 317F 4      3887   77/06/21   77/09/01
 7800257 F101 TR2922 317F 4      3649   77/06/21   77/09/01
 7800257 F101 TR2923 317F 4      3887   77/06/21   77/09/01
 7800257 F015 TR2955 317F 3      3121   77/06/21   77/08/24
 7800257 F015 TR2956 317F 3      3121   77/06/21   77/08/24
 7800257 F015 TR2957 317F 4      4657   77/06/21   77/09/25
 7800257 F015 TR2958 317F 4      3505   77/06/21   77/09/01
 7800257 F015 TR2959 317F 1      481    77/06/21   77/06/30
 7800257 F015 TR2960 317F 1      480    77/06/21   77/06/30
 7800257 F015 TR2961 317F 1      481    77/06/21   77/06/30
 7800257 F015 TR2962 317F 1      477    77/06/21   77/06/30
 7800257 F015 TR2963 317F 1      481    77/06/21   77/06/30

(12 rows affected)
```