ACCESSION NUMBER   9500266

DATA DOCUMENTATION FORM

A0 1617

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

NOAA/PMEL/R/E/PM
Bin C15700/Bldg. 3
7600 Sand Point Way N.E.
Seattle, WA 98115-0070

RECEIVED OCT 26 1992 212

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

EPOCS

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

ARRAYS 20 & 21

4. PLATFORM NAME(S)

EC 75, 76, 77, 78
CC 3, 4

5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)

BUOY

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
US	US

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR
4/16/89	5/14/90

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)

PAUL FREITAG
206-526-6727

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
Wind Vector	m/s	VAWR	Modified EG&G VACM with Climet cup anemometer	Hourly vector average
Wind Vector	m/s	AMP	PMEL manufactured with RM Young propeller/vane	2-hour vector average
Current Vector	cm/s	EG&G VACM model 610	Savonious rotor and vane	Hourly vector average
Current Vector	cm/s	EG&G VMCM model 630	Orthogonal rotors	1 or 2-hour vector average
Air Temperature	degrees C	VAWR or AMP	YSI thermistor	1 or 2-hour scalar average
Sea Surface Temp.	degrees C	VAWR or AMP	YSI thermistor	1 or 2-hour scalar average
Water Temperature	degrees C	VACM or VMCM	YSI thermistor	1 or 2-hour scalar average

C. DATA FORMAT

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

Header record: 1st record of each file. Contains array name (8 bytes), buoy name (4 bytes), instrument s/n (4 bytes), instrument code (2 bytes), minutes between records (6 bytes), instrument depth in meters (6 bytes).

Data records: All subsequent records. Time, date, 1 to 6 data values, record number.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

67 files. One per instrument.
Max block size = 3000 bytes
Record size = 60 bytes

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1   ☐ ALGOL   ☐ COBOL
☒ FORTRAN   ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _PAUL FREITAG_

ADDRESS _SEE A1_

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
☒ 6250

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

EPOCS current meter, wind & sea temp. data sets. 4/16/89 to 5/14/90
Tape specs. - 9 track, ASCII, 6250 bpi, odd parity, block length = 3000

12. PHYSICAL BLC

3000

13. LENGTH OF BYTES IN BITS

8

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 (√)	
EG&G VACM 610 CURRENT ROTOR	1972		WHOI						✓
VACM TEMP	1990	✓	NWRCC		•	✓			
SEA DATA TEMP	"	/	"			✓			
EG&G VMCM 630			EG&G			•			✓
VMCM TEMP	1990	✓	NWRCC			✓			