

DATA DOCUMENTATION FORM

F015

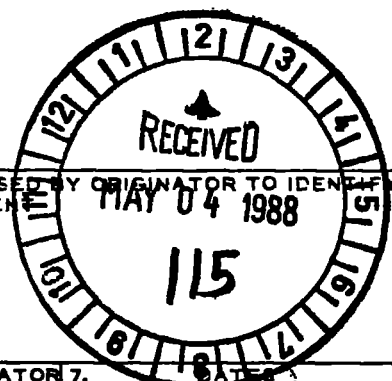
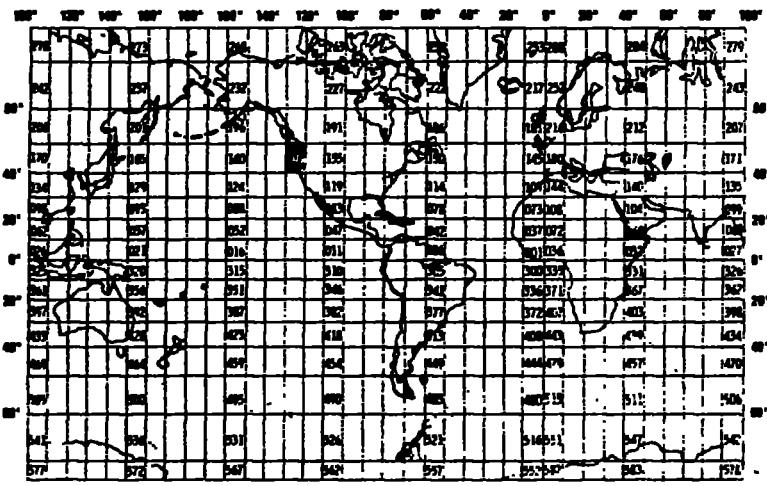
NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(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					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Long Range Effects Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT See Attached			
4. PLATFORM NAME(S) PS8401 PS8406 PS8402 PS8413 PS8403 PS8414 PS8404 PS8415 PS8405 PS8416		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)		6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR FROM: MO/DAY/YR TO: MO/DAY/YR U.S. U.S. 11/30/83 4/4/84	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)					
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) David Pashinski 206-526-6781					

PS8417
PS8418
PS8419

B. SCIENTIFIC CONTENT

NAME OF FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCES. TECHNIQUES WITH FILTERING AND AVERAGING
Currents	cm/sec	Aanderaa RCM-4		Edited/Unfiltered
Temperature	degrees Celcius	"		
Pressure	Decibars	"		
Salinity	ppt	"	Computed from T,C,P	
Attenuation	% transmission	Sea-Tech	measured	

C. DATA FORMAT

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

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

~~Three (3) record types, text record (1), master record (2), and detail record (3) differentiated by byte 10.~~

Sequential file structure of NODC file type 15, current meter data, containing NODC record types 2 and 4, header and detail records

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Sequential structure of current meter records in NODC file type 15 format, 42 records on 3 magnetic tapes:

Tape 1: PS8401	Meter #1453	PS8403 M# 3175	PS8406 M# 3177	PS8413 M# 3286	PS8416 (3183)
	603	1675	1804	3132	(1686)
	1978	1682	PS8413 2354	PS8414 2156	(6006)
	645	PS8404 3133	PS8414 2511	1490	(1813)
PS8402	1824	3128	PS8415 1452	PS8415 1973	PS8417 (1971)
	2157	2492	598	1987	(2359)
	1823	PS8405 3176		5214	
	600	2477			
	1981, 2505	1821			
			Tape 2: PS8413 M#2358	Tape 3: PS8415 (2168)	

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER David Kache] (206) 527-6783

ADDRESS NOAA/PMEL 7600 Sand Point Way N.W.-Bldg. 3, Seattle, WA. 98115

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) Dave Pashinski, NODC Puget Sound Current meter data, unlabelled 9 track, 1600 BPI
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 3600
	13. LENGTH OF BYTES IN BITS 8

PARAMETER	DESCRIPTION	BC
TEXT RECORD	ALWAYS '1'	10
METER NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2 AND 3	11
TEXT	THIRTY-EIGHT CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	55
MASTER RECORD	ALWAYS '2'	10
METER NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT	XXXXX (METERS TO TENTHS)	36
METER		
METER USAGE SEQUENCE	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
NUMBER		
INSTITUTION	TWO-CHARACTER NODC INSTITUTION CODE - USE CODE 0218	44
AXIS ROTATION	XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	46
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49
NUMBER OF DETAIL	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55
RECORDS		
DETAIL RECORD 1	ALWAYS '3'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28
COMPONENT (U)		

015/PG 2

NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
CONDUCTIVITY	XXXX - MMHDS/CM TO HUNDREDTHS	50
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS ORIGINATOR	55
DETAIL RECORD 2	ALWAYS '4'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
SALINITY	XXXXX PARTS PER THOUSAND TO THOUSANDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

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 CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
Aanderaa Instru- ments	annual or bi- annual		NRCC	X	X	X	X	X	

TO: E/OC12 - Branch Chief

E/OC11 - P. Hadsell 

FROM: E/OC13 - A. Picciolo

DATE: December 29, 1988

SUBJECT: Data Transfer

8800119

The following listed data sets have been transferred as indicated:

ARCHIVE AND INVENTORIES BRANCH

(OC11)

----- Level II -----

Current Meters (F015)

Acc: 8800119 Ref: TV1406 - 11 24 sta. 103,962 records
TV1413 - 30

✓ NOAA-PMEL (Long Range Effects Program - Puget Sound)

Acc: 8800119 Ref: TV1431 - 43 16 sta. 61,234 records
TV1445; TV1448-9

NOAA-PMEL (Long Range Effects Program - Puget Sound)

Acc: 8800136 Ref: TV1386 - 1402 17 sta. 94,562 records

NOAA-PMEL EPOCS

cc: Division Director

ACCESS MBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8800119	TV1431	F015	0173	313F	317F	2358	04/05/84	06/22/84	1	5,668
8800119	TV1432	F015	0173	313F	317F	2386	04/05/84	06/22/84	1	5,668
8800119	TV1433	F015	0173	313F	317F	3132	04/05/84	06/20/84	1	5,523
8800119	TV1434	F015	0173	313F	317F	2156	04/05/84	08/08/84	1	5,998
8800119	TV1435	F015	0173	313F	317F	1490	04/05/84	08/08/84	1	5,998
8800119	TV1436	F015	0173	313F	317F	1973	04/03/84	04/15/84	1	614
8800119	TV1437	F015	0173	313F	317F	1973	04/23/84	08/08/84	1	5,123
8800119	TV1438	F015	0173	313F	317F	1987	04/03/84	04/15/84	1	613
8800119	TV1439	F015	0173	313F	317F	5214	04/03/84	04/15/84	1	613
8800119	TV1440	F015	0173	313F	317F	3183	04/03/84	05/09/84	1	1,725
8800119	TV1441	F015	0173	313F	317F	1686	04/03/84	08/07/84	1	6,049
8800119	TV1442	F015	0173	313F	317F	6006	04/03/84	08/07/84	1	6,050
8800119	TV1443	F015	0173	313F	317F	1813	04/03/84	08/07/84	1	6,050
8800119	TV1445	F015	0173	313F	317F	2359	04/05/84	07/01/84	1	4,217
8800119	TV1448	F015	0173	313F	317F	2493	03/08/84	04/05/84	1	667
8800119	TV1449	F015	0173	313F	317F	5072	03/08/84	04/04/84	1	662

ACCESSION NO. 8800119FILETYPE FO15

TRACK NO. _____

PROJECT
IDENTIFICATION _____LONG RANGE
EFFECTS PROGRAM

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	5/16/88	CMH	A00720 (ML)	1	60	3600	
DUPLICATE TAPE	7/26/88	CMH	* W06243 (SL)	1	60	3600	7,272
REFORMATTED TAPE	12/12/88	R.P.S.	W06477 **	1	60	6000	61,234
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

* DNODC * 8800119-02

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

LAT-LONG SHOULD BE SHIFTED ONE BYTE TO LEFT
THEN INSERT 'N' AND 'W'

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

** Label = DNODC * CURR 2 OUT.
64,700⁶⁸⁴ records

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)TO: NOAA/NESDIS/NODC
1825 Connecticut Ave NW
Washington DC 20235

REFER TO

ATTENTION
E/OC13, Dr. Anthony R. Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

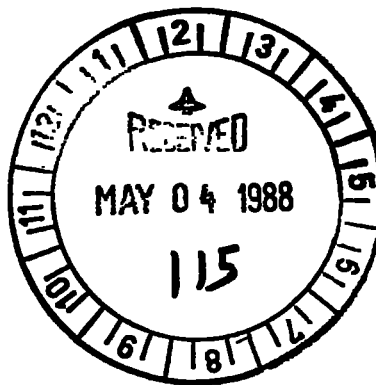
☒ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

Enclosed, find Documentation and three magnetic data tapes containing current meter data (in NODC FT015) from 40 current meters. These data were taken as part of the Puget Sound Long Range Effects program (LREP) during 1983-84. The data were provided by Ms. Sharon Froberg, NOAA/PMEL.

Please note

- * The tapes labelled 1 of 2 and 2 of 2 contain all the current meter moorings data except mooring PS8415. This data is found on Tape 3.

CC: Ms. Sharon Froberg, NOAA/PMEL



8800119
A00719, A00720, A00721

FORWARDED BY <i>Ed Stillwaugh</i> Ed Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 5/2/88
RECEIVED BY <i>F Mitchell</i> F Mitchell	TITLE	DATE RECEIVED 5/4/88



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES
Pacific Marine Environmental Laboratory
3711-15th Avenue N.E.
Seattle, WA 98105
28 April 1988

To: Dr Anthony Picciolo

From: David Pashinski
PMEL, MARD

Subject: Transmittal of Current Meter Data to NODC

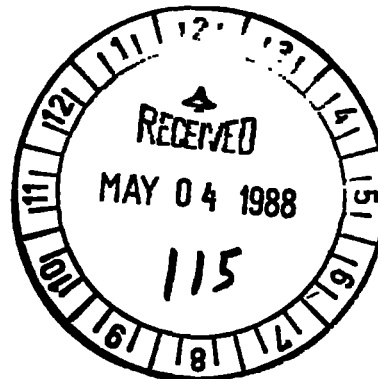
Enclosed are 3 magnetic tapes containing current meter data from the following current meter moorings:

PS8401	4 meters
PS8402	6 meters
PS8403	3 meters
PS8404	3 meters
PS8405	3 meters
PS8406	2 meters
PS8413	4 meters
PS8414	3 meters
* PS8415	6 meters
PS8416	4 meters
PS8417	2 meters

000720
006243

This will be a total of 40 meters. The tape is labeled and should identify the contents. There is only one DDF included for all the data, and please note the attached pages. Please acknowledge receipt of the data. If you have any questions call me at 392-6781.

cc: Dr. Gregory Withee ✓
Dr. Herbert Curl, Jr.
Dr. Glenn Cannon
Sid Stillwaugh



Copy to a 'W' tape
 Please scan 'W' tape

INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00720		9	1600	ODD	NL	FB	60	3600	1
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
W06243		9	1600	ODD	SL	FB	60	3600	1
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNDDC*8800119-02			PURGE DATE

ADDITIONAL INSTRUCTIONS

Please send 'W' tape to
 Asheville, N.C.

ESTIMATED
 EXECUTION
 TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
07/20/88	09:40	09:45	C	COMPLETED BY J.S.

8072003

Please scan tape

27

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

TAPE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00720		9	1600						
SECTOR SIZE		EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME		PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE		EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME		PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE		EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME		PURGE DATE

INSTRUCTIONS Please return tape A00720 to Bin 09	ESTIMATED EXECUTION TIME
--	--------------------------------

USE ONLY					
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED	
05/16/88	09:40	09:45	C	COMPLETED BY J.S.	

RTS

TO: E/OC12 - Branch Chief

E/OC11 - P. Hadsell ←

8800119

FROM: E/OC13 - A. Picciolo

DATE: December 29, 1988

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVE AND INVENTORIES BRANCH

(OC11)

----- Level II -----

Current Meters (F015)

Acc: 8800119 Ref: TV1404 - 50 2 sta. 5,736 records ✓


NOAA-PMEL (Long Range Effects Program - Puget Sound)

Acc: 8800220 Ref: TV1380 - 3 4 sta. 15,900 records

NOAA-PMEL (US/PRC Coop - TOGA)

cc: Division Director

5736 records

TO: E/OC12 - Branch Chief  .
E/OC11 - P. Hadsell
FROM: E/OC13 - A. Picciolo
DATE: December 29, 1988
SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCAHIVE AND INVENTORIES BRANCH

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----- Level II -----

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Acc: 8800119 Ref: TV1404 - 50 2 sta. 5,736 records

NOAA-PMEL (Long Range Effects Program - Puget Sound)

Acc: 8800220 Ref: TV1380 - 3 4 sta. 15,900 records

NOAA-PMEL (US/PRC Coop - TOGA)

cc: Division Director

INVENTORY
Record 7346 on screen
179682

Record found
DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

SJH

DATE OF ENTRY: 12/29/88

REFERENCE NUMBER: TV1404 ACCESSION NUMBER: 8800119
FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E015 - Eulerian Currents (F015)
PROCESSING (FORMAT): F015 - Eulerian Currents - Vectors

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 313F
PLATFORM (COUNTRY AND PLATFORM CODES): 317F
PLATFORM TYPE: 3 - Buoy DINDB CODE 03

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: 2168
CRUISE START DATE: 04/03/84 CRUISE END DATE: 04/15/84 Press PgDn
PROJECT CODE: 0173 DATA USE CODE (DUC): 3 to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 1 NUMBER OF RECORDS: 613

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:
AVERAGE REC SIZE: 60 MBYTES: 0.036780

OCEAN AREA

CODE 1: 57F MEANING: Puget Sound
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY
Record 7347 on screen
179683

Record found
DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

SJH

DATE OF ENTRY: 12/29/88

REFERENCE NUMBER: TV1405 ACCESSION NUMBER: 8800119
FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E015 - Eulerian Currents (F015)
PROCESSING (FORMAT): F015 - Eulerian Currents - Vectors

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 313F
PLATFORM (COUNTRY AND PLATFORM CODES): 317F
PLATFORM TYPE: 3 - Buoy DINDB CODE 03

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: 2168
CRUISE START DATE: 04/23/84 CRUISE END DATE: 08/08/84 Press PgDn
PROJECT CODE: 0173 DATA USE CODE (DUC): 3 to continue
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 1 NUMBER OF RECORDS: 5,123

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:
AVERAGE REC SIZE: 60 MBYTES: 0.307380

OCEAN AREA

CODE 1: 57F MEANING: Puget Sound
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

ACCESSION NO. 8800119FILETYPE FO15TRACK NO. TV1404-5PROJECT
IDENTIFICATION _____LONG RANGE EFFECTS
PROGRAM (LREP)

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	5/16/88	CMH	A00721	1	60	3600	5822
DUPLICATE TAPE	7/20/88	CMH	W06115 (SL) ⁿ	1	60	3600	
REFORMATTED TAPE	12/12/88	R.P.S.	W03913 **	1	60	6000	5736
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* DNODE * 8800119-03

LAT - LONG SHOULD BE SHIFTED ONE BYTE TO
LEFT THEN INSERT "N" AND "W"

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

** DNODE * CURR3OUT.

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

Copy to a 'w' tape

Please scan 'w' tape

PL DUM PAPER CARD DISK <u>TAPE</u> ISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
---	---

PE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
PUT	A00721		9	1600	ODD	NL	FB	60	3000	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TPU1	W06115		9	1600	ODD	SL	FB	60	3000	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DN0DC*8800119-03			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

Please send 'w' tape to
 Asheville, N.C.

ESTIMATED
 EXECUTION
 TIME

1 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
880022002	07/20/88	09:14	09:15	C	COMPLETED BY J.S.

Please scan Tape

09

UT MEDIUM

APER CARD DISK TAPE
SI OTHER(SPECIFY)

OUTPUT MEDIUM

CARD DISK PRINT TAPE PLOT
DISKETTE OTHER(SPECIFY)

E/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00721		9	1600						
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

INSTRUCTIONS

Please return tape A00721
to bin 09

ESTIMATED
EXECUTION
TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
05/19/88	09:20	09:25	C	COMPLETED BY JS

ENTS

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

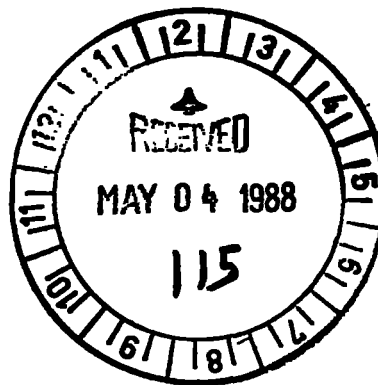
TO: NOAA/NESDIS/NODC 1825 Connecticut Ave NW Washington DC 20235	REFER TO
	ATTENTION E/OC13, Dr. Anthony R. Picciolo
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY	
<input checked="" type="checkbox"/> ORDINARY MAIL <input type="checkbox"/> REGISTERED MAIL <input type="checkbox"/> AIR MAIL <input type="checkbox"/> CERTIFIED MAIL <input type="checkbox"/> GOVERNMENT TRUCK <input type="checkbox"/> BY HAND <input type="checkbox"/> OTHER	

Enclosed, find Documentation and three magnetic data tapes containing current meter data (in NODC FT015) from 40 current meters. These data were taken as part of the Puget Sound Long Range Effects program (LREP) during 1983-84. The data were provided by Ms. Sharon Froberg, NOAA/PMEL.

Please note

- * The tapes labelled 1 of 2 and 2 of 2 contain all the current meter moorings data except mooring PS8415. This data is found on Tape 3.

CC: Ms. Sharon Froberg, NOAA/PMEL



8800119
A00719, A00720, A00721

FORWARDED BY (Signature) Bill Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 5/2/88
RECEIVED BY (Signature) F MITCHELL	TITLE	DATE RECEIVED 5/4/88



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES
Pacific Marine Environmental Laboratory
3711-15th Avenue N.E.
Seattle, WA 98105
28 April 1988

To: Dr Anthony Picciolo

From: David Pashinski
PMEL, MARD

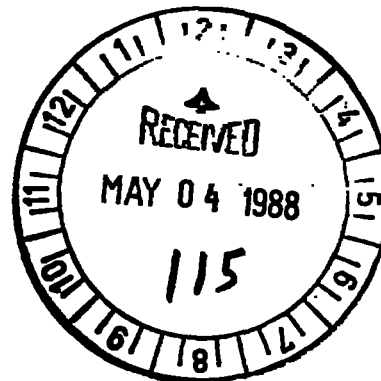
Subject: Transmittal of Current Meter Data to NODC

Enclosed are 3 magnetic tapes containing current meter data from the following current meter moorings:

PS8401	4 meters
PS8402	6 meters
PS8403	3 meters
PS8404	3 meters
PS8405	3 meters
PS8406	2 meters
PS8413	4 meters
PS8414	3 meters
* PS8415	6 meters
PS8416	4 meters
PS8417	2 meters

This will be a total of 40 meters. The tape is labeled and should identify the contents. There is only one DDF included for all the data, and please note the attached pages. Please acknowledge receipt of the data. If you have any questions call me at 392-6781.

cc: Dr. Gregory Withee ✓
Dr. Herbert Curl, Jr.
Dr. Glenn Cannon
Sid Stillwaugh



DATA DOCUMENTATION FORM

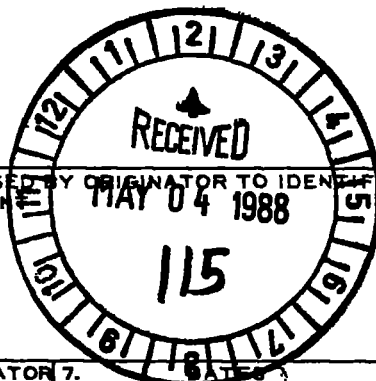
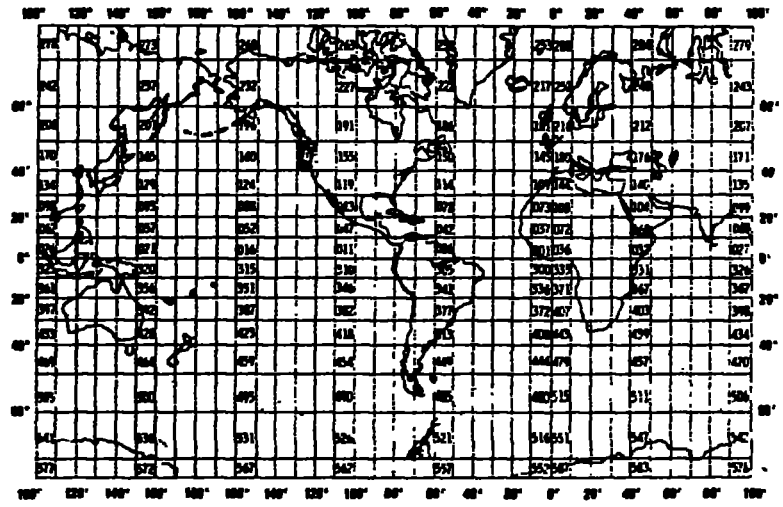
NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(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					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Long Range Effects Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT See Attached			
4. PLATFORM NAME(S) PS8401 PS8406 PS8402 PS8413 PS8403 PS8414 PS8404 PS8415 PS8405 PS8416		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)		6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR FROM: MO, DAY, YR TO: MO, DAY, YR U.S. U.S. 11/30/83 4/4/84	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) David Pashinski 206-526-6781			

B. SCIENTIFIC CONTENT

NAME OF FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Currents	cm/sec	Aanderaa RCM-4		Edited/Unfiltered
Temperature	degrees Celcius	"		
Pressure	Decibars	"		
Salinity	ppt	"	Computed from T,C,P	
Attenuation	% transmission	Sea-Tech	measured	

C. DATA FORMAT

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

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

~~Three (3) record types, text record (1), master record (2), and detail record (3) differentiated by byte 10.~~

Sequential file structure of NODC file type 15, current meter data, containing NODC record types 2 and 4, header and detail records

- GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Sequential structure of current meter records in NODC file type 15 format, 42 records on 3 magnetic tapes:

Tape 1: PS8401	Meter #1453	PS8403 M# 3175	PS8406 M# 3177	PS8413 M# 3286	PS8416 (3183)
	603	1675	1804	3132	(1686)
	1978	1682	PS8413 2354	PS8414 2156	(6006)
	645	PS8404 3133	PS8414 2511	1490	(1813)
PS8402	1824	3128	PS8415 1452	PS8415 1973	PS8417 (1971)
	2157	2492	598	1987	(2359)
	1823	PS8405 3176		5214	
	600	2477			
	1981, 2505	1821			
			Tape 2: PS8413 M#2358	Tape 3: PS8415 (2168)	

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

- RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER David Kachel (206) 527-6783
ADDRESS NOAA/PMEL 7600 Sand Point Way N.W.-Bldg. 3, Seattle, WA. 98115

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) Dave Pashinski, NODC Puget Sound Current meter data, unlabelled 9 track, 1600 BPI
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
12. PHYSICAL BLOCK LENGTH IN BYTES 3600	
13. LENGTH OF BYTES IN BITS 8	

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
METER NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2 AND 3	11
TEXT	THIRTY-EIGHT CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	18
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	55
MASTER RECORD	ALWAYS '2'	10
METER NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT	XXXXX (METERS TO TENTHS)	36
METER		
METER USAGE SEQUENCE NUMBER	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
INSTITUTION	TWO-CHARACTER NODC INSTITUTION CODE - USE CODE 0218	44
AXIS ROTATION	XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	46
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49
NUMBER OF DETAIL RECORDS	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55
DETAIL RECORD 1	ALWAYS '3'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28

015/PG 2

NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
CONDUCTIVITY	XXXX - MMHOS/CM TO HUNDREDTHS	50
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS ORIGINATOR	55
DETAIL RECORD 2	ALWAYS '4'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	15
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
SALINITY	XXXXX PARTS PER THOUSAND TO THOUSANDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

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 CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
Aanderaa Instru- ments	annual or bi- annual		NRCC	X	X	X	X	X	

DATA DOCUMENTATION FORM

F015

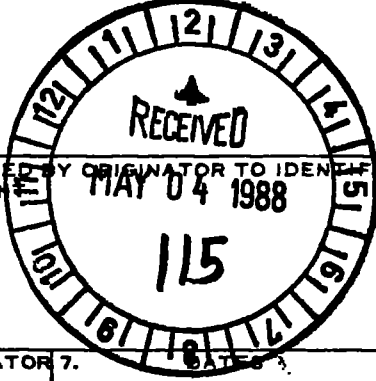
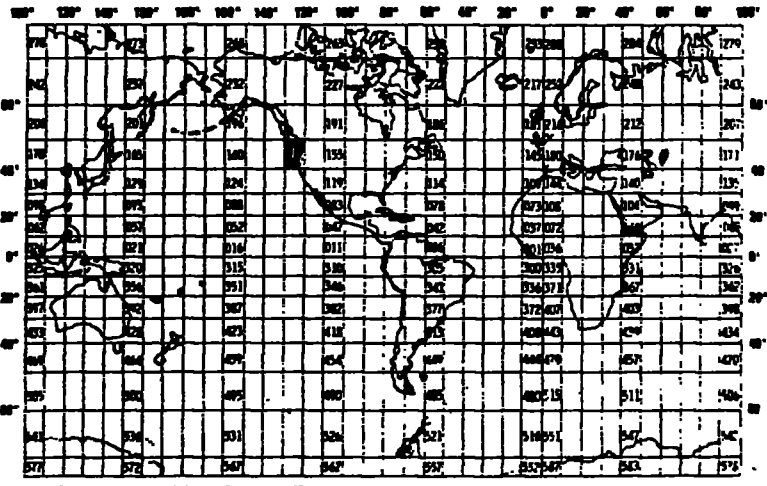
NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(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.)

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Long Range Effects Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT See Attached			
4. PLATFORM NAME(S) PS8401 PS8406 PS8402 PS8413 PS8403 PS8414 PS8404 PS8415 PS8405 PS8416		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)		6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR FROM: MO/DAY/YR TO: MO/DAY/YR U.S. U.S. 11/30/83 4/4/84	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)					
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) David Pashinski 206-526-6781					

B. SCIENTIFIC CONTENT

NAME OF A FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Currents	cm/sec	Aanderaa RCM-4		Edited/Unfiltered
Temperature	degrees Celcius	"		
Pressure	Decibars	"		
Salinity	ppt	"	Computed from T,C,P	
Attenuation	% transmission	Sea-Tech	measured	

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

~~Three (3) record types, text record (1), master record (2), and detail record (3) differentiated by byte 10.~~

Sequential file structure of NODC file type 15, current meter data, containing NODC record types 2 and 4, header and detail records

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Sequential structure of current meter records in NODC file type 15 format, 42 records on 3 magnetic tapes:

Tape 1: PS8401	Meter #1453	PS8403 M# 3175	PS8406 M# 3177	PS8413 M# 3286	PS8416 (3183)
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	645	PS8404 3133	PS8414 2511	1490	(1813)
PS8402	1824	3128	PS8415 1452	PS8415 1973	PS8417 (1971)
	2157	2492	598	1987	(2359)
	1823	PS8405 3176		5214	
	600	2477	Tape 2: PS8413 M#2358	Tape 3: PS8415 (2168)	
	1981, 2505	1821			

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER David Kachel (206) 527-6783

ADDRESS NOAA/PMEL 7600 Sand Point Way N.W.-Bldg. 3, Seattle, WA. 98115

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>Dave Pashinski, NODC Puget Sound Current meter data, unlabelled 9 track, 1600 BPI</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>3600</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

015/PG 1

RECORD 04: 1

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
METER NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2 AND 3	11
TEXT	THIRTY-EIGHT CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	55
MASTER RECORD	ALWAYS '2'	10
METER NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT	XXXXX (METERS TO TENTHS)	36
METER		
METER USAGE SEQUENCE	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
NUMBER		
INSTITUTION	TWO-CHARACTER NODC INSTITUTION CODE - USE CODE 0218	44
AXIS ROTATION	XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	46
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49
NUMBER OF DETAIL RECORDS	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55
DETAIL RECORD 1	ALWAYS '3'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28

015/PG 2

NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH; INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
CONDUCTIVITY	XXXX - MMHOS/CM TO HUNDREDTHS	50
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS ORIGINATOR	55
DETAIL RECORD 2	ALWAYS '4'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
SALINITY	XXXXX PARTS PER THOUSAND TO THOUSANDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

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 CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
Aanderaa Instru- ments	annual or bi- annual		NRCC	X	X	X	X	X	

8800119

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8800119	TV1406	F015	0173	313F	317F	1453	12/01/83	04/04/84	1	2,980
8800119	TV1407	F015	0173	313F	317F	603	12/02/83	04/05/84	1	2,986
8800119	TV1408	F015	0173	313F	317F	1978	12/02/83	04/05/84	1	2,986
8800119	TV1409	F015	0173	313F	317F	645	12/02/83	04/05/84	1	2,986
8800119	TV1410	F015	0173	313F	317F	1824	11/30/83	04/05/84	1	3,036
8800119	TV1411	F015	0173	313F	317F	2157	11/30/83	04/05/84	1	3,033
8800119	TV1413	F015	0173	313F	317F	600	11/30/83	04/05/84	1	3,036
8800119	TV1414	F015	0173	313F	317F	2505	11/30/83	04/05/84	1	3,035
8800119	TV1415	F015	0173	313F	317F	1981	11/30/83	04/05/84	1	3,035
8800119	TV1416	F015	0173	313F	317F	3175	11/29/83	04/06/84	1	6,176
8800119	TV1417	F015	0173	313F	317F	1675	11/29/83	04/06/84	1	6,176
8800119	TV1418	F015	0173	313F	317F	1682	11/29/83	04/06/84	1	6,176
8800119	TV1419	F015	0173	313F	317F	3133	11/29/83	04/06/84	1	6,173
8800119	TV1420	F015	0173	313F	317F	3128	11/29/83	04/06/84	1	6,173
8800119	TV1421	F015	0173	313F	317F	2492	11/29/83	12/09/83	1	481
8800119	TV1422	F015	0173	313F	317F	3176	11/30/83	04/03/84	1	5,959
8800119	TV1423	F015	0173	313F	317F	2477	11/30/83	04/03/84	1	5,956
8800119	TV1424	F015	0173	313F	317F	1821	11/30/83	04/03/84	1	5,956
8800119	TV1425	F015	0173	313F	317F	3177	11/30/83	04/04/84	1	5,988
8800119	TV1426	F015	0173	313F	317F	1804	11/30/83	04/04/84	1	5,987
8800119	TV1427	F015	0173	313F	317F	2354	04/05/84	05/12/84	1	1,801
8800119	TV1428	F015	0173	313F	317F	2511	04/05/84	06/19/84	1	3,601
8800119	TV1429	F015	0173	313F	317F	1452	04/23/84	08/08/84	1	5,123
8800119	TV1430	F015	0173	313F	317F	0598	04/23/84	08/08/84	1	5,123

ACCESSION NO. 8800119FILETYPE F015

TRACK NO. _____

PROJECT
IDENTIFICATION _____LONG RANGE
EFFECTS PROGRAM

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	5/16/88	CMH	A00719	1	60	3600	107,422
DUPLICATE TAPE	7/20/88	CMH	*W06527 (SL)	1	60	3600	
REFORMATTED TAPE	12/9/88	R.P.S.	W07223 **	1	60	6000	103,982
REFORMATTED DISK							
FIRST MULCHEK			Asherville				
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* DNODC * 8800119-01

LAT-LONG SHOULD BE SHIFTED ONE BYTE TO LEFT
THEN INSERT "N" AND "W"

** LABEL: DNODC * CURR1OUTS

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

D015P

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)TO: NOAA/NESDIS/NODC
1825 Connecticut Ave NW
Washington DC 20235

REFER TO

ATTENTION
E/OC13, Dr. Anthony R. Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

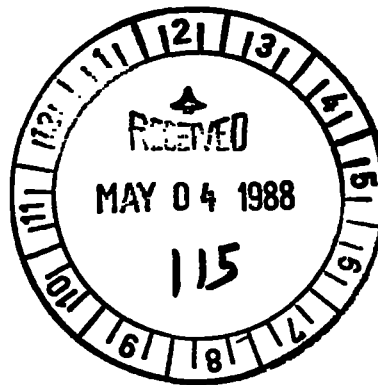
☒ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

Enclosed, find Documentation and three magnetic data tapes containing current meter data (in NODC FT015) from 40 current meters. These data were taken as part of the Puget Sound Long Range Effects program (LREP) during 1983-84. The data were provided by Ms. Sharon Froberg, NOAA/PMEL.

Please note

- * The tapes labelled 1 of 2 and 2 of 2 contain all the current meter moorings data except mooring PS8415. This data is found on Tape 3.

CC: Ms. Sharon Froberg, NOAA/PMEL



8800119
A00719, A00720, A00721

FORWARDED BY *Ed Stillwaugh*
Ed StillwaughTITLE
NODC Liaison Officer, SeattleDATE FORWARDED
5/2/88

RECEIVED BY (Signature)

F Mitchell

TITLE

DATE RECEIVED

5/4/88



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES
Pacific Marine Environmental Laboratory
3711-15th Avenue N.E.
Seattle, WA 98105
28 April 1988

To: Dr Anthony Picciolo

From: David Pashinski
PMEL, MARD

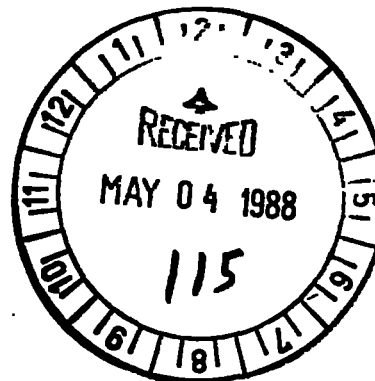
Subject: Transmittal of Current Meter Data to NODC

Enclosed are 3 magnetic tapes containing current meter data from the following current meter moorings:

PS8401	4 meters
PS8402	6 meters
PS8403	3 meters
PS8404	3 meters
PS8405	3 meters
PS8406	2 meters
PS8413	4 meters
PS8414	3 meters
* PS8415	6 meters
PS8416	4 meters
PS8417	2 meters

This will be a total of 40 meters. The tape is labeled and should identify the contents. There is only one DDF included for all the data, and please note the attached pages. Please acknowledge receipt of the data. If you have any questions call me at 392-6781.

cc: Dr. Gregory Withee ✓
Dr. Herbert Curl, Jr.
Dr. Glenn Cannon
Sid Stillwaugh



Copy to a 'w' tape
-- please scan 'w' tape

INPUT MEDIUM PAPER CARD DISK TAPE ISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
---	---

TAPES/DISKETTE INFORMATION									
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
ADD 719		9	1600	ODD	NL	FB	60	3600	1
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
WG 6527		9	1600	ODD	SL	FB	60	3600	1
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNODC*8800119-01			PURGE DATE

SPECIAL INSTRUCTIONS Please send 'w' tape to Asheville, N.C.	ESTIMATED EXECUTION TIME
--	--------------------------------

USE ONLY					
#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
8672004	07/20/88	08:30	08:40	C	COMPLETED BY J.S

Please scan tape

Bin
09

INPUT MEDIUM CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUT	A00719		9	1600						
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
PU										
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
PU										
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

ADDITIONAL INSTRUCTIONS

Please return tape A00719
to Bin 09.

ESTIMATED
EXECUTION
TIME

FOR USER ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
18051604	05/16/88	09:30	09:35	C	COMPLETED BY JS.

REMARKS

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
-----	-----	-----	-----	-----	-----	-----	-----	-----
8800119	F015	TV1404	0173	313F	317F	1984/04/03	2168	178425
8800119	F015	TV1405	0173	313F	317F	1984/04/23	2168	178426
8800119	F015	TV1406	0173	313F	317F	1983/12/01	1453	178427
8800119	F015	TV1407	0173	313F	317F	1983/12/02	603	178428
8800119	F015	TV1408	0173	313F	317F	1983/12/02	1978	178429
8800119	F015	TV1409	0173	313F	317F	1983/12/02	645	178430
8800119	F015	TV1410	0173	313F	317F	1983/11/30	1824	178431
8800119	F015	TV1411	0173	313F	317F	1983/11/30	2157	178432
8800119	F015	TV1413	0173	313F	317F	1983/11/30	600	178433
8800119	F015	TV1414	0173	313F	317F	1983/11/30	2505	178434
8800119	F015	TV1415	0173	313F	317F	1983/11/30	1981	178435
8800119	F015	TV1416	0173	313F	317F	1983/11/29	3175	178436
8800119	F015	TV1417	0173	313F	317F	1983/11/29	1675	178437
8800119	F015	TV1418	0173	313F	317F	1983/11/29	1682	178438
8800119	F015	TV1419	0173	313F	317F	1983/11/29	3133	178439
8800119	F015	TV1420	0173	313F	317F	1983/11/29	3128	178440
8800119	F015	TV1421	0173	313F	317F	1983/11/29	2492	178441
8800119	F015	TV1422	0173	313F	317F	1983/11/30	3176	178442
8800119	F015	TV1423	0173	313F	317F	1983/11/30	2477	178443
8800119	F015	TV1424	0173	313F	317F	1983/11/30	1821	178444
8800119	F015	TV1425	0173	313F	317F	1983/11/30	3177	178445
8800119	F015	TV1426	0173	313F	317F	1983/11/30	1804	178446
8800119	F015	TV1427	0173	313F	317F	1984/04/05	2354	178447
8800119	F015	TV1428	0173	313F	317F	1984/04/05	2511	178448
8800119	F015	TV1429	0173	313F	317F	1984/04/23	1452	178449
8800119	F015	TV1430	0173	313F	317F	1984/04/23	0598	178450
8800119	F015	TV1431	0173	313F	317F	1984/04/05	2358	178451
8800119	F015	TV1432	0173	313F	317F	1984/04/05	2386	178452
8800119	F015	TV1433	0173	313F	317F	1984/04/05	3132	178453
8800119	F015	TV1434	0173	313F	317F	1984/04/05	2156	178454
8800119	F015	TV1435	0173	313F	317F	1984/04/05	1490	178455
8800119	F015	TV1436	0173	313F	317F	1984/04/03	1973	178456
8800119	F015	TV1437	0173	313F	317F	1984/04/23	1973	178457
8800119	F015	TV1438	0173	313F	317F	1984/04/03	1987	178458
8800119	F015	TV1439	0173	313F	317F	1984/04/03	5214	178459
8800119	F015	TV1440	0173	313F	317F	1984/04/03	3183	178460
8800119	F015	TV1441	0173	313F	317F	1984/04/03	1686	178461
8800119	F015	TV1442	0173	313F	317F	1984/04/03	6006	178462
8800119	F015	TV1443	0173	313F	317F	1984/04/03	1813	178463
8800119	F015	TV1445	0173	313F	317F	1984/04/05	2359	178464
8800119	F015	TV1448	0173	313F	317F	1984/03/08	2493	178465
8800119	F015	TV1449	0173	313F	317F	1984/03/08	5072	178466

(42 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8800119	F015	TV1404	317F	1	613	84/04/03	84/04/03
8800119	F015	TV1405	317F	5	5123	84/04/23	84/08/01
8800119	F015	TV1406	317F	5	2980	83/12/01	84/04/01
8800119	F015	TV1407	317F	5	2986	83/12/02	84/04/01
8800119	F015	TV1408	317F	5	2986	83/12/02	84/04/01
8800119	F015	TV1409	317F	5	2986	83/12/02	84/04/01
8800119	F015	TV1410	317F	6	3036	83/11/30	84/04/01
8800119	F015	TV1411	317F	6	3033	83/11/30	84/04/01
8800119	F015	TV1413	317F	6	3036	83/11/30	84/04/01
8800119	F015	TV1414	317F	6	3035	83/11/30	84/04/01
8800119	F015	TV1415	317F	6	3035	83/11/30	84/04/01
8800119	F015	TV1416	317F	6	6176	83/11/29	84/04/01
8800119	F015	TV1417	317F	6	6176	83/11/29	84/04/01
8800119	F015	TV1418	317F	6	6176	83/11/29	84/04/01
8800119	F015	TV1419	317F	6	6173	83/11/29	84/04/01
8800119	F015	TV1420	317F	6	6173	83/11/29	84/04/01
8800119	F015	TV1421	317F	2	481	83/11/29	83/12/01
8800119	F015	TV1422	317F	6	5959	83/11/30	84/04/01
8800119	F015	TV1423	317F	6	5956	83/11/30	84/04/01
8800119	F015	TV1424	317F	6	5956	83/11/30	84/04/01
8800119	F015	TV1425	317F	6	5988	83/11/30	84/04/01
8800119	F015	TV1426	317F	6	5987	83/11/30	84/04/01
8800119	F015	TV1427	317F	2	1801	84/04/05	84/05/01
8800119	F015	TV1428	317F	3	3601	84/04/05	84/06/01
8800119	F015	TV1429	317F	5	5123	84/04/23	84/08/01
8800119	F015	TV1430	317F	5	5122	84/04/23	84/08/01
8800119	F015	TV1431	317F	3	5666	84/04/05	84/06/01
8800119	F015	TV1432	317F	3	5666	84/04/05	84/06/01
8800119	F015	TV1433	317F	3	5523	84/04/05	84/06/01
8800119	F015	TV1434	317F	5	5998	84/04/05	84/08/01
8800119	F015	TV1435	317F	5	5998	84/04/05	84/08/01
8800119	F015	TV1436	317F	1	614	84/04/03	84/04/03
8800119	F015	TV1437	317F	5	5123	84/04/23	84/08/01
8800119	F015	TV1438	317F	1	613	84/04/03	84/04/03
8800119	F015	TV1439	317F	1	613	84/04/03	84/04/03
8800119	F015	TV1440	317F	2	1725	84/04/03	84/05/01
8800119	F015	TV1441	317F	5	6049	84/04/03	84/08/01
8800119	F015	TV1442	317F	5	6050	84/04/03	84/08/01
8800119	F015	TV1443	317F	5	6050	84/04/03	84/08/01
8800119	F015	TV1445	317F	4	4217	84/04/05	84/07/01
8800119	F015	TV1448	317F	2	667	84/03/08	84/04/01
8800119	F015	TV1449	317F	2	662	84/03/08	84/04/01

(42 rows affected)

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: NOAA/NESDIS/NODC 1825 Connecticut Ave NW Washington DC 20235	REFER TO
	ATTENTION E/OC13, Dr. Anthony R. Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☒ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

Enclosed, find Documentation and three magnetic data tapes containing current meter data (in NODC FT015) from 40 current meters. These data were taken as part of the Puget Sound Long Range Effects program (LREP) during 1983-84. The data were provided by Ms. Sharon Froberg, NOAA/PMEL.

Please note

- * The tapes labelled 1 of 2 and 2 of 2 contain all the current meter moorings data except mooring PS8415. This data is found on Tape 3.

CC: Ms. Sharon Froberg, NOAA/PMEL



8800119

A00719, 720, 721 ✓

FORWARDED BY (Signature) Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 5/2/88
RECEIVED BY (Signature) F. Mitchell	TITLE	DATE RECEIVED 5/4/88

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)**TO:** NOAA/NESDIS/NODC
1825 Connecticut Ave NW
Washington DC 20235**REFER TO****ATTENTION**
E/OC13, Dr. Anthony R. Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☒ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

Enclosed, find Documentation and three magnetic data tapes containing current meter data (in NODC FT015) from 40 current meters. These data were taken as part of the Puget Sound Long Range Effects program (LREP) during 1983-84. The data were provided by Ms. Sharon Froberg, NOAA/PMEL.

Please note

* The tapes labelled 1 of 2 and 2 of 2 contain all the current meter moorings data except mooring PS8415. This data is found on Tape 3.

CC: Ms. Sharon Froberg, NOAA/PMEL

FORWARDED BY (Signature)

Sid Stillwaugh

TITLE

NODC Liaison Officer, Seattle


DATE FORWARDED

5/2/88

RECEIVED BY (Signature)**TITLE****DATE RECEIVED**



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES
Pacific Marine Environmental Laboratory
3711-15th Avenue N.E.
Seattle, WA 98105
28 April 1988



To: Dr Anthony Picciolo

From: David Pashinski
PMEL, MARD

Subject: Transmittal of Current Meter Data to NODC

Enclosed are 3 magnetic tapes containing current meter data from the following current meter moorings:

PS8401	4 meters
PS8402	6 meters
PS8403	3 meters
PS8404	3 meters
PS8405	3 meters
PS8406	2 meters
PS8413	4 meters
PS8414	3 meters
PS8415	6 meters
PS8416	4 meters
PS8417	2 meters

This will be a total of 40 meters. The tape is labeled and should identify the contents. There is only one DDF included for all the data, and please note the attached pages. Please acknowledge receipt of the data. If you have any questions call me at 392-6781.

cc: Dr. Gregory Withee
Dr. Herbert Curl, Jr.
Dr. Glenn Cannon
Sid Stillwaugh ✓



DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20238

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(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 Bldg C15700/Bldg. 3 7600 Sand Point Way N.E. Seattle, WA 98115-0070			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Long Range Effects Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT See Attached	
4. PLATFORM NAME(S) PS8401 PS8406 PS8402 PS8413 PS8403 PS8414 PS8404 PS8415 PS8405 PS8416	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR U.S. U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 11/30/83 4/4/84
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) David Pashinski 206-526-6781			

PS8417
PS8418
PS8419

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
Currents	cm/sec	Aanderaa RCM-4		Edited/Unfiltered
Temperature	degrees Celcius	"		
Pressure	Decibars	"		
Salinity	ppt	"	Computed from T,C,P	
Attenuation	% transmission	Sea-Tech	measured	

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
METER NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2 AND 3	11
TEXT	THIRTY-EIGHT CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	55
MASTER RECORD	ALWAYS '2'	10
METER NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT	XXXXX (METERS TO TENTHS)	36
METER		
METER USAGE SEQUENCE	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
NUMBER		
INSTITUTION	TWO-CHARACTER NODC INSTITUTION CODE - USE CODE 0218	44
AXIS ROTATION	XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	46
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49
NUMBER OF DETAIL RECORDS	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55
DETAIL RECORD 1	ALWAYS '3'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28

015/PG 2

NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH; INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
CONDUCTIVITY	XXXX - MMHOS/CM TO HUNDREDTHS	50
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS ORIGINATOR	55
DETAIL RECORD 2	ALWAYS '4'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
SALINITY	XXXXX PARTS PER THOUSAND TO THOUSANDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

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

~~Three (3) record types, text record (1), master record (2), and detail record (3) differentiated by byte 10.~~

Sequential file structure of NODC file type 15, current meter data, containing NODC record types 2 and 4, header and detail records

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Sequential structure of current meter records in NODC file type 15 format, 42 records on 3 magnetic tapes:

Tape 1: PS8401	Meter #1453	PS8403 M#	3175	PS8406 M#	3177	PS8413 M#	3286	PS8416	(3183)
	603		1675		1804		3132		(1686)
	1978		1682	PS8413	2354	PS8414	2156		(6006)
	645	PS8404	3133	PS8414	2511		1490		(1813)
PS8402	1824		3128	PS8415	1452	PS8415	1973	PS8417	(1971)
	2157		2492		598		1987		(2359)
	1823	PS8405	3176				5214		
	600		2477	Tape 2: PS8413 M#	2358	Tape 3: PS8415	(2168)		
	1981, 2505		1821						

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER David Kachej (206) 527-6783
ADDRESS NOAA/PMEL 7600 Sand Point Way N.W.-Bldg. 3, Seattle, WA. 98115

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) Dave Pashinski, NODC Puget Sound Current meter data, unlabelled 9 track, 1600 BPI
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 3600 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.

[illegible]