ACCESSION NUMBER 8600035

DATA DOCUMENTATION FORM

TT6240-TT6244
F015

NOAA FORM 24-13
(2-85)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 0648-0024
EXPIRES 2/29/87

(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

Dr. Kenneth H. Brink
Woods Hole Oceanographic Inst.
Woods Hole, MA 02543

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

"OPUS"
ORGANIZATION OF PERSISTENT UPWELLING STRUCTURES

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

N/A
MOORING C-1 AND C-2

4. PLATFORM NAME(S)

FIXED STATION, CURRENT METER MOORING

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

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
C-1	
C-2	

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR
04/01/88	06/18/83
04/01/83	07/29/83

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?)

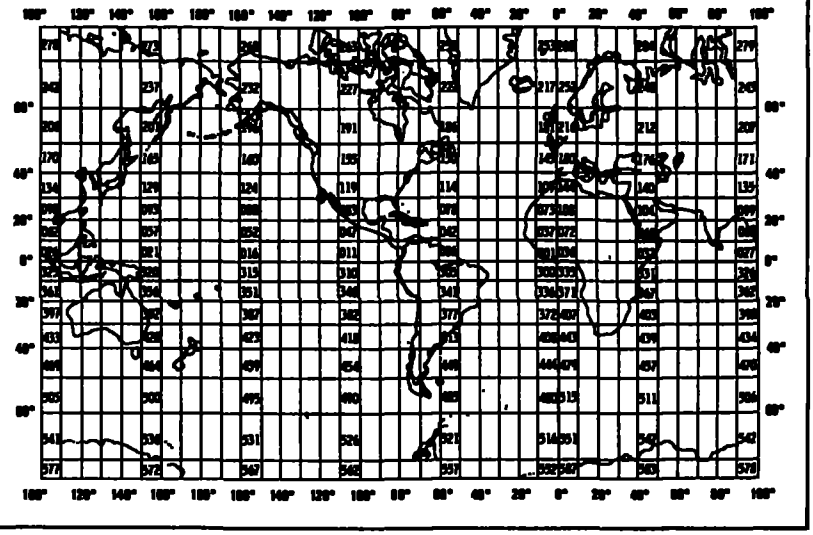
☒ NO ☐ YES ☐ PART *(SPECIFY BELOW)*

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

Ms. Dolores Chausse
617 548 1400 x 2542

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

GENERAL AREA



B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model 5510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

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:				Ref: Brink, K.H, D. CHAUSSE, R.E. DAVIS, 1985. MOORED CURRENT METER AND WIND RECORDER MEASUREMENTS NEAR POINT Conception, California: The 1983 OPUS OBSERVATIONS WHOI TECH Report, WHOI-85-1.
NORTH Component	cm/sec	VACM		
~~South~~ EAST Component	cm/sec	VACM		
Temperature	C°			

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

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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

NODC FILE TYPE 015

1 = TEXT RECORD

2 = MASTER RECORD

4 = DATA RECORD

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

ONE FILE PER CURRENT METER DEPLOYMENT

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER SEE ITEM 10

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 ☐ _____

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)*

TAPE AIG 702

Current meter data - OPUS Project - Woods Hole Oceanographic Institution

5 files - 1 file per current meter

Data reported at 7½ minute intervals

12. PHYSICAL BLOCK LENGTH IN BYTES

RECSIZE = 60 BLKSIZE = 3000

13. LENGTH OF BYTES IN BITS

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RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
NODC FILE TYPE			Ø15		

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

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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 (√)	(√)

NOAA FORM 24-13

***** Record 6854 in INVENTORY *****

8600035

006582 DATA ENTRY INFORMATION SYSTEM FJM
(DATASET INVENTORY)

DATE OF ENTRY: 03/31/86

REFERENCE NUMBER: TT6240 ACCESSION NUMBER: 8600035
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): 3102
PLATFORM (COUNTRY AND PLATFORM CODES): 317F
PLATFORM TYPE: 3 - Buoy DINDB CODE 03

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: C1-30
CRUISE START DATE: 04/01/83 CRUISE END DATE: 06/18/83 Press PgDn
PROJECT CODE: ____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 1 NUMBER OF RECORDS: 15,605

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: ____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: ___ MEANING: _____
CODE 3: ___ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: __/__/__

***** Record 6855 in INVENTORY *****

006583 DATA ENTRY INFORMATION SYSTEM FJM
(DATASET INVENTORY)

DATE OF ENTRY: 03/31/86

REFERENCE NUMBER: TT6241 ACCESSION NUMBER: 8600035
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): 3102
PLATFORM (COUNTRY AND PLATFORM CODES): 317F
PLATFORM TYPE: 3 - Buoy DINDB CODE 03

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: C1-45
CRUISE START DATE: 04/01/83 CRUISE END DATE: 07/28/83 Press PgDn
PROJECT CODE: ____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 1 NUMBER OF RECORDS: 22,745

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: ____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: ___ MEANING: _____
CODE 3: ___ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: __/__/__

***** Record 6856 in INVENTORY *****

006584 DATA ENTRY INFORMATION SYSTEM FJM
(DATASET INVENTORY)

D[redacted] OF ENTRY: 03/31/86

REFERENCE NUMBER: TT6242 ACCESSION NUMBER: 8600035
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): 3102
PLATFORM (COUNTRY AND PLATFORM CODES): 317F
PLATFORM TYPE: 3 - Buoy DINDB CODE 03

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: C2-30
CRUISE START DATE: 04/01/83 CRUISE END DATE: 07/29/83 Press PgDn
PROJECT CODE: ____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 1 NUMBER OF RECORDS: 22,793

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: ____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: ___ MEANING: _____
CODE 3: ___ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: __/__/__

***** Record 6857 in INVENTORY *****

006585 DATA ENTRY INFORMATION SYSTEM FJM
(DATASET INVENTORY)

DATE OF ENTRY: 03/31/86

REFERENCE NUMBER: TT6243 ACCESSION NUMBER: 8600035
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): 3102
PLATFORM (COUNTRY AND PLATFORM CODES): 317F
PLATFORM TYPE: 3 - Buoy DINDB CODE 03

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: C2-45
CRUISE START DATE: 04/01/83 CRUISE END DATE: 06/16/83 Press PgDn
PROJECT CODE: ____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 1 NUMBER OF RECORDS: 14,553

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: ____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: ___ MEANING: _____
CODE 3: ___ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: __/__/__

***** Record 6858 in INVENTORY *****

006586 DATA ENTRY INFORMATION SYSTEM FJM
(DATASET INVENTORY)

DATE OF ENTRY: 03/31/86

REFERENCE NUMBER: TT6244 ACCESSION NUMBER: 8600035
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): 3102
PLATFORM (COUNTRY AND PLATFORM CODES): 317F
PLATFORM TYPE: 3 - Buoy DINDB CODE 03

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: C2-60
CRUISE START DATE: 04/01/83 CRUISE END DATE: 07/29/83 Press PgDn
PROJECT CODE: ____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 1 NUMBER OF RECORDS: 22,792

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: ____

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: ___ MEANING: _____
CODE 3: ___ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: __/__/__

ADP FACILITIES REQUEST FORM

USER NAME	PHONE #	ORG/TASK #	DATE SUBMITTED	DATE DUE	BIN #
Cliff Hartley	634-7507	EG1201C1385 EC/0C12	03/17/86	ASAP	09

EQUIPMENT TO BE USED AND FUNCTION TO BE PREFORMED

① TAPE SCAN AND ② COPY

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
INPUT	AIG702		9	1600 BPI	ODD	NL	FB	60	3000	5
	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 TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUTPUT	W09842		9	1600 BPI	ODD	SL	FB	60	3000	5
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNODC#8600035-01.			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
56038823	03/19/86	08:35	08:45	C	completed by Andy

COMMENTS

ACCESSION NO._____ FILETYPE_____ TRACK NO._____ PROJECT IDENTIFICATION_____

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	3/17/86		AIG 702	5	60	3000	97948
DUPLICATE TAPE			W09842	5	60	3000	97948
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK	4/2/86	CBL	SEIDATA. ~~EF6240~~ F015 ~~EF6240~~ TT6240 & F015 TT6244	5			97983
FINAL MULCHEK							
MPD75 OR F022	4/3/86						
DATA SET FINALIZED	4/3/86	CBL	MPD75. TT6240/F015 to MPD75. TT6244/F015	5			97983

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)
Deleted TT880 current speed, temperature, pressure and salinity (if any)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

OPUS AIG702

```
 FILE #   1;.........................

    3    3 VARIABLES BEING SENT:EAST        NORTH       TEMP
015C1-30B1C1-30  CURRENT METER DATA, WHOI   18-DEC-85      1
015C1-30B1C1-30    BASIC  SERIES:  C1-30B450              2
015C1-30B1C1-30  START TIME:83- IV -01  01.03.45           3
015C1-30B1C1-30    END TIME:83- VI -18  12.03.45           4
015C1-30B1C1-30  DATA INTERVAL     450    SECONDS          5
015C1-30B1C1-30  CURRENT METER TYPE: VMCM                  6
 DIAGNOSTIC LINE:  INST=VM025     TYPE: VMCM
 DIAGNOSTIC...WATER DEPTH INSERTED, =   70
015C1-30B2C1-30343040N1203650W   70  300   02  OOPUS   15065
015C1-30B4C1-30830401010375   117  101911765              1
015C1-30B4C1-30830401011125   271   68411787              2
 ...FIRST 2 DATA CYCLES (ABOVE);     LAST 2(BELOW).
015C1-30B4C1-30830618115625 -1026  171411801            15064
015C1-30B4C1-30830618120375  -705   16111761            15065


 FILE #   2;.........................

    3    3 VARIABLES BEING SENT:EAST        NORTH       TEMP
015C1-45B1C1-45  CURRENT METER DATA, WHOI   18-DEC-85      1
015C1-45B1C1-45    BASIC  SERIES:  C1-45B450              2
015C1-45B1C1-45  START TIME:83- IV -01  01.03.45           3
015C1-45B1C1-45    END TIME:83- VII-28  12.03.45           4
015C1-45B1C1-45  DATA INTERVAL     450    SECONDS          5
015C1-45B1C1-45  CURRENT METER TYPE: VMCM                  6
 DIAGNOSTIC LINE:  INST=VM021     TYPE: VMCM
 DIAGNOSTIC...WATER DEPTH INSERTED, =   70
015C1-45B2C1-45343040N1203650W   70  450   02  OOPUS   22745
015C1-45B4C1-45830401010375   548  133811586              1
015C1-45B4C1-45830401011125   446  104011688              2
 ...FIRST 2 DATA CYCLES (ABOVE);     LAST 2(BELOW).
015C1-45B4C1-45830728115625   566    7613611            22744
015C1-45B4C1-45830728120375   536    4013656            22745


 FILE #   3;.........................

    3    3 VARIABLES BEING SENT:EAST        NORTH       TEMP
015C2-30B1C2-30  CURRENT METER DATA, WHOI   18-DEC-85      1
015C2-30B1C2-30    BASIC  SERIES:  C2-30B450              2
015C2-30B1C2-30  START TIME:83- IV -01  19.03.45           3
015C2-30B1C2-30    END TIME:83- VII-29  12.03.45           4
015C2-30B1C2-30  DATA INTERVAL     450    SECONDS          5
015C2-30B1C2-30  CURRENT METER TYPE: VMCM                  6
 DIAGNOSTIC LINE:  INST=VM030     TYPE: VMCM
 DIAGNOSTIC...WATER DEPTH INSERTED, =   70
015C2-30B2C2-30343040N1203650W   70  300   02  OOPUS   22793
015C2-30B4C2-30830401190375  -323  121211981              1
015C2-30B4C2-30830401191125  -337  112111981              2
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```
 ...FIRST 2 DATA CYCLES (ABOVE);     LAST 2(BELOW).
015C2-30B4C2-30830729115625   606  -55914788            22792
015C2-30B4C2-30830729120375  1002  -62314765            22793
```

FILE # 4;.....

```
   3   3 VARIABLES BEING SENT:EAST        NORTH        TEMP
015C2-45B1C2-45  CURRENT METER DATA, WHOI   18-DEC-85      1
015C2-45B1C2-45    BASIC  SERIES:  C2-45B450               2
015C2-45B1C2-45  START TIME:83- IV -01  19.03.45           3
015C2-45B1C2-45    END TIME:83- VI -16  14.03.45           4
015C2-45B1C2-45  DATA INTERVAL     450    SECONDS          5
015C2-45B1C2-45  CURRENT METER TYPE: VMCM                  6
 DIAGNOSTIC LINE:  INST=VM022     TYPE: VMCM
 DIAGNOSTIC...WATER DEPTH INSERTED, =   70
015C2-45B2C2-45343040N1203650W   70  450   02  OOPUS   14553
015C2-45B4C2-45830401190375  -681   98111939             1
015C2-45B4C2-45830401191125  -770   88311944             2
 ...FIRST 2 DATA CYCLES (ABOVE);     LAST 2(BELOW).
015C2-45B4C2-45830616135625    41  -87812258            14552
015C2-45B4C2-45830616140375   271  -81512342            14553
```

FILE # 5;.....

```
   3   3 VARIABLES BEING SENT:EAST        NORTH        TEMP
015C2-60C1C2-60  CURRENT METER DATA, WHOI   18-DEC-85      1
015C2-60C1C2-60    BASIC  SERIES:  C2-60C450               2
015C2-60C1C2-60  START TIME:83- IV -01  19.48.45           3
015C2-60C1C2-60    END TIME:83- VII-29  12.41.15           4
015C2-60C1C2-60  DATA INTERVAL     450    SECONDS          5
015C2-60C1C2-60  CURRENT METER TYPE: VMCM                  6
 DIAGNOSTIC LINE:  INST=VM041     TYPE: VMCM
 DIAGNOSTIC...WATER DEPTH INSERTED, =   70
015C2-60C2C2-60343040N1203650W   70  600   02  OOPUS   22792
015C2-60C4C2-60830401194875 -1206   15711477             1
015C2-60C4C2-60830401195625 -1214  -28811110             2
 ...FIRST 2 DATA CYCLES (ABOVE);     LAST 2(BELOW).
015C2-60C4C2-60830729123375   168 -302012733            22791
015C2-60C4C2-60830729124125   804 -219912876            22792
```

NOAA FORM 24-5
(8-73)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO:	REFER TO
National Oceanographic Data Ctr. 3300 Whitehaven St., NW Washington, D.C. 20235	ATTENTION Dr. Tony Picciolo

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

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

The following current meter data set is forwarded to NODC for processing and archiving:

Five current meter deployments near Pt. Conception, California from the 1983 OPUS Observations.

These data were released by Dr. Kenneth Brink, Woods Hole Oceanographic Institution. These data have been formated to the NODC FT-Ø15 format and are reported at 7½ minute values.

a..Tape AIG7Ø2
b..Sample dump of each file, originator provided
c..NAPIS records
d..Data Documentation form
e..WHOI Tech Report — WHOI 85-1

cc: K. Brink
C. Noe

8600035

FORWARDED BY (Signature)	TITLE	DATE FORWARDED
George Heburdinger	N.E Regional Representative of NODC	Jan 23, 86
RECEIVED BY (Signature)	TITLE	DATE RECEIVED
Mitchell		1-27-86

NOAA FORM 24-5 (8-73)

NOAA FORM 24-5
(8-73)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO:	REFER TO
National Oceanographic Data Ctr. 3300 Whitehaven St., NW Washington, D.C. 20235	ATTENTION Dr. Tony Picciolo

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[X] ORDINARY MAIL [ ] REGISTERED MAIL [ ] AIR MAIL [ ] CERTIFIED MAIL [ ] GOVERNMENT TRUCK [ ] BY HAND [ ] OTHER

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C. Noe

FORWARDED BY (Signature)	TITLE	DATE FORWARDED
George H. Needler	N.E Regional Representative of NODC	Jan 23, 86
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

NOAA FORM 24-5 (8-73)

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8600035	F015	TT6240	9999	3102	317F	1983/04/01	C1-30	159002
8600035	F015	TT6241	9999	3102	317F	1983/04/01	C1-45	159003
8600035	F015	TT6242	9999	3102	317F	1983/04/01	C2-30	159004
8600035	F015	TT6243	9999	3102	317F	1983/04/01	C2-45	159005
8600035	F015	TT6244	9999	3102	317F	1983/04/01	C2-60	159006

(5 rows affected)

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8600035 F015 TT6240 317F 3      15072  83/04/01   83/06/01
 8600035 F015 TT6241 317F 4      22752  83/04/01   83/07/01
 8600035 F015 TT6242 317F 4      22800  83/04/01   83/07/01
 8600035 F015 TT6243 317F 3      14560  83/04/01   83/06/01
 8600035 F015 TT6244 317F 4      22799  83/04/01   83/07/01

(5 rows affected)
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