

## DATA DOCUMENTATION FORM

TT5407 - TT54

49

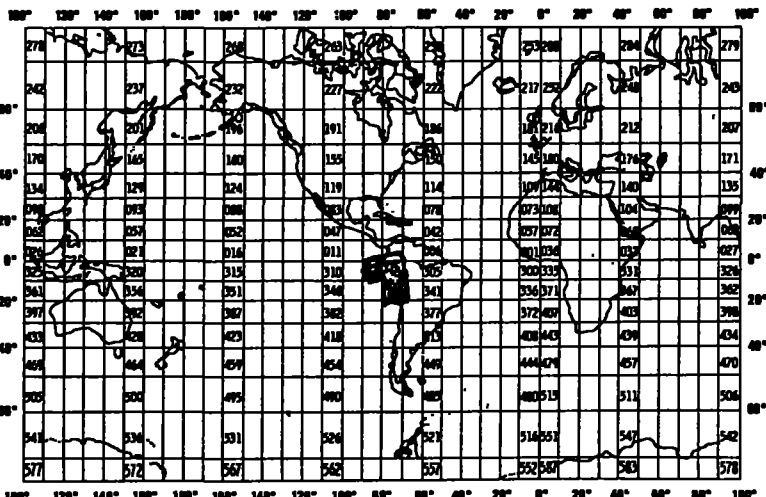
NOAA FORM 24-13  
77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

(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 College of Oceanography Oregon State University Corvallis, Oregon 97331			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED EPICS		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT none	
4. PLATFORM NAME(S) none	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) subsurface current meter moorings	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR U.S. U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR November 1981 November 1983
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 type="checkbox"/> NO <input checked="" 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) Joseph Bottero (503) 754-2207			

## 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 S510)	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
eastward current	cm sec <sup>-1</sup>	Aanderaa RCMS	—	—
northward current	cm sec <sup>-1</sup>	"	—	—
temperature	deg. C.	"	—	—
pressure	decibars	"	—	—
conductivity	mmho cm <sup>-1</sup>	"	—	—

## 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

File type 015, 3/30/79 version,  
with type 1 detail records.

## 2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The detail records have been written in  
blocks of 100 records - i.e., 6000 character  
blocks.

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

## 4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER J Bottero (503) 754-2207ADDRESS Oregon State University

## 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><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</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 LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>Oregon State University RCM data. EPOCS experiment (Peru 1981 - 1983)</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><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES 60 and 6000</p> <p>13. LENGTH OF BYTES IN BITS 8</p>

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### File structure -

Four 60-character records: (1) Text Record, (2) Master Record, (3) Detail Record 1, and (4) Detail Record 2.

### File format -

#### Current Meter Data (Components) (F015)

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	DDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT METER	XXXXX (METERS TO TENTHS)	36
METER USAGE SEQUENCE NUMBER	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
(NODC USE)	TWO CHARACTERS FOR NODC INTERNAL USE	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 - DIRECTION TOWARD	28

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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 - DIRECTION TOWARD	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	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 - DIRECTION TOWARD	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 RCM 5		✓				✓			

ER NAME <b>HALMINEKI</b>	PHONE # <b>634-7441</b>	ORG/TASK #	DATE SUBMITTED <b>1/14/86</b>	DATE DUE	BIN # <b>33</b>
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DIFFERENT TO BE USED AND FUNCTION TO BE PERFORMED

**FOIS**

**MAKE SL COPY, RUN SCAN AND PRINT  
3 PAGES OF RECORDS OF OUTPUT**

INPUT MEDIUM PAPER CARD DISK <b>TAPE</b> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT <b>TAPE</b> PLOT DISKETTE OTHER(SPECIFY)
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PE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
PUT	<b>A00057</b>		<b>9</b>	<b>1600</b>	<b>ODD</b>	<b>NL</b>	<b>FB</b>	<b>60</b>	<b>6000</b>	<b>43</b>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> 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
INPUT	<b>W10987</b>		<b>9</b>	<b>1600</b>	<b>ODD</b>	<b>SL</b>	<b>FB</b>	<b>60</b>	<b>6000</b>	<b>43</b>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME <b>DN0DC*8500258-01</b>			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

**INPUT TAPE A00057 IS IN TAPE LIBRARY  
NEED 'W' TAPE**

**NDC  
8509**

ESTIMATED  
EXECUTION  
TIME

31 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<b>011401</b>	<b>1/14/86</b> <b>CMZ</b>			<b>C</b>	<b>MTA0 - input 1 mount</b> <b>MTA1 - output 1 mount</b>

DATE



HALMINSKI

657 -  
7441SUBMITTED  
11/13/85

33

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

FOIS

RUN SCAN, PRINT 3 PAGES OF RECORDS

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	# FI
INPUT	EP0CS2		9	1600		NL	FB	60	6000	4
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT

SPECIAL INSTRUCTIONS

ESTIMATED  
EXECUTION  
TIME

/31 USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
11/13/85			C	MTA0 - 1 - maint

REMARKS

Completed by E. G. Mason

ACCESSION NO. 8500258FILETYPE FO15TT5407-  
TRACK NO. TT5449PROJECT  
IDENTIFICATION \_\_\_\_\_

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NC RECORDS
ORIG. TAPE	11/13/85	12	EP0CS2 A00057	43	60	6000	26120
DUPLICATE TAPE	4/16/86 11/20/85	12	<del>W07747</del> W10987	<del>43</del> 129	60	6000	26120
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK	2/10/86	CBT	SELDATA, FO15 TT5407	1	60		25053
FINAL MULCHEK	2/19/86		"				
MPD75 OR F022	2/19/86		MPD75, <del>TT5407</del> FO15	1	60		
DATA SET FINALIZED	2/19/86	CBT	"		60		25053

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

NONE

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

NONE

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D  
J  
me

TRANSMITTAL AND RECEIPT RECORD  
(Please sign and return carbon copy acknowledging receipt)TO: NOAA/NESDIS/NODC  
2001 Wisconsin 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

Cert. No. 523121

Enclosed, find one (1) magnetic data tape and associated documentation submitted by Mr. Joseph Bottero, Oregon State University, Oceanography Dept.

Data type - EPOCS current meter data written to NODC FT 015Sampling (cruise) dates inclusive - November 1981 to November 1983.Tape specs. - 9 track, ASCII, odd parity, 1600 bpi, blk. length= 60 & 6000 (see DDF)

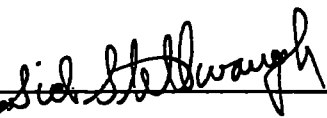
F015

ACC # 8500258

TT5407-TT5449

43 FILES

cc: Mr. Joseph Bottero, OSU  
Dr. Dale Pillsbury, OSU

FORWARDED BY (Signature)  Sidney D. Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 11/4/85
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

30 October 1985

Dear Mr. Stillwaugh,

The enclosed tape contains current meter data gathered by Dr. R. L. Smith of OSU in Peruvian coastal waters. The data were obtained as part of the EPOCS experiment. This experiment began in 1981 and ran through this year. The tape contains data from the beginning through ~~this year~~ the end of 1983. I will send you a second tape containing the remainder as soon as it is ready — within a month or two.

The tape is unlabeled and has the File type 15 format. Detail records have been grouped into blocks of 100 (6000 characters) to conserve space on the tape.

Sincerely,

Joseph Bottero

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8500258	F015	TT5407	0106	3103	317F	1981/11/29	3477	156885
8500258	F015	TT5408	0106	3103	317F	1981/11/29	2280	156886
8500258	F015	TT5409	0106	3103	317F	1981/11/21	3200	156887
8500258	F015	TT5410	0106	3103	317F	1981/11/21	2278	156888
8500258	F015	TT5411	0106	3103	317F	1981/11/21	3285	156889
8500258	F015	TT5412	0106	3103	317F	1981/11/21	2269	156890
8500258	F015	TT5413	0106	3103	317F	1981/11/21	3574	156891
8500258	F015	TT5414	0106	3103	317F	1981/11/21	3194	156892
8500258	F015	TT5415	0106	3103	317F	1982/03/27	495	156893
8500258	F015	TT5416	0106	3103	317F	1982/03/27	5878	156894
8500258	F015	TT5417	0106	3103	317F	1982/03/27	497	156895
8500258	F015	TT5418	0106	3103	317F	1982/03/27	5880	156896
8500258	F015	TT5419	0106	3103	317F	1982/03/06	3479	156897
8500258	F015	TT5420	0106	3103	317F	1982/03/06	3195	156898
8500258	F015	TT5421	0106	3103	317F	1982/03/17	3199	156899
8500258	F015	TT5422	0106	3103	317F	1982/03/17	3283	156900
8500258	F015	TT5423	0106	3103	317F	1982/03/17	687	156901
8500258	F015	TT5424	0106	3103	317F	1982/03/17	488	156902
8500258	F015	TT5425	0106	3103	317F	1982/03/17	5883	156903
8500258	F015	TT5426	0106	3103	317F	1982/11/28	1543	156904
8500258	F015	TT5427	0106	3103	317F	1982/11/22	746	156905
8500258	F015	TT5428	0106	3103	317F	1982/11/22	2278	156906
8500258	F015	TT5429	0106	3103	317F	1982/11/21	3194	156907
8500258	F015	TT5430	0106	3103	317F	1983/02/09	5643	156908
8500258	F015	TT5431	0106	3103	317F	1983/02/11	5644	156909
8500258	F015	TT5432	0106	3103	317F	1983/02/11	1541	156910
8500258	F015	TT5433	0106	3103	317F	1983/02/11	1964	156911
8500258	F015	TT5434	0106	3103	317F	1983/02/11	3190	156912
8500258	F015	TT5435	0106	3103	317F	1983/02/11	3615	156913
8500258	F015	TT5436	0106	3103	317F	1983/02/14	5645	156914
8500258	F015	TT5437	0106	3103	317F	1983/02/14	5646	156915
8500258	F015	TT5438	0106	3103	317F	1983/02/15	5886	156916
8500258	F015	TT5439	0106	3103	317F	1983/02/16	2281	156917
8500258	F015	TT5440	0106	3103	317F	1983/02/15	6088	156918
8500258	F015	TT5441	0106	3103	317F	1983/02/15	4418	156919
8500258	F015	TT5442	0106	3103	317F	1983/02/16	1542	156920
8500258	F015	TT5443	0106	3103	317F	1983/02/16	4416	156921
8500258	F015	TT5444	0106	3103	317F	1983/02/16	6087	156922
8500258	F015	TT5445	0106	3103	317F	1983/02/16	756	156923
8500258	F015	TT5446	0106	3103	317F	1983/02/07	438	156924
8500258	F015	TT5447	0106	3103	317F	1983/02/07	755	156925
8500258	F015	TT5448	0106	3103	317F	1983/02/07	5109	156926
8500258	F015	TT5449	0106	3103	317F	1983/02/07	751	156927

(43 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8500258	F015	TT5407	317F	5	4669	81/11/29	82/03/01
8500258	F015	TT5408	317F	5	4569	81/11/29	82/03/01
8500258	F015	TT5409	317F	5	5567	81/11/21	82/03/01
8500258	F015	TT5410	317F	5	5567	81/11/21	82/03/01
8500258	F015	TT5411	317F	5	5513	81/11/21	82/03/01
8500258	F015	TT5412	317F	5	5513	81/11/21	82/03/01
8500258	F015	TT5413	317F	5	5513	81/11/21	82/03/01
8500258	F015	TT5414	317F	5	5514	81/11/21	82/03/01
8500258	F015	TT5415	317F	3	1056	82/03/27	82/05/01
8500258	F015	TT5416	317F	3	957	82/03/27	82/05/01
8500258	F015	TT5417	317F	9	5963	82/03/27	82/11/01
8500258	F015	TT5418	317F	9	5965	82/03/27	82/11/01
8500258	F015	TT5419	317F	9	6406	82/03/06	82/11/01
8500258	F015	TT5420	317F	9	6405	82/03/06	82/11/01
8500258	F015	TT5421	317F	9	5995	82/03/17	82/11/01
8500258	F015	TT5422	317F	9	5994	82/03/17	82/11/01
8500258	F015	TT5423	317F	9	5987	82/03/17	82/11/01
8500258	F015	TT5424	317F	9	5986	82/03/17	82/11/01
8500258	F015	TT5425	317F	9	5986	82/03/17	82/11/01
8500258	F015	TT5426	317F	4	3489	82/11/28	83/02/01
8500258	F015	TT5427	317F	4	4029	82/11/22	83/02/01
8500258	F015	TT5428	317F	4	4028	82/11/22	83/02/01
8500258	F015	TT5429	317F	4	4116	82/11/21	83/02/01
8500258	F015	TT5430	317F	10	6817	83/02/09	83/11/01
8500258	F015	TT5431	317F	11	6817	83/02/11	83/11/20
8500258	F015	TT5432	317F	11	6761	83/02/11	83/11/20
8500258	F015	TT5433	317F	11	6761	83/02/11	83/11/20
8500258	F015	TT5434	317F	11	6766	83/02/11	83/11/20
8500258	F015	TT5435	317F	10	6763	83/02/11	83/11/01
8500258	F015	TT5436	317F	10	6766	83/02/14	83/11/01
8500258	F015	TT5437	317F	10	6766	83/02/14	83/11/01
8500258	F015	TT5438	317F	10	6791	83/02/15	83/11/01
8500258	F015	TT5439	317F	10	6790	83/02/16	83/11/01
8500258	F015	TT5440	317F	10	6790	83/02/15	83/11/01
8500258	F015	TT5441	317F	10	6791	83/02/15	83/11/01
8500258	F015	TT5442	317F	10	6762	83/02/16	83/11/01
8500258	F015	TT5443	317F	10	6762	83/02/16	83/11/01
8500258	F015	TT5444	317F	10	6762	83/02/16	83/11/01
8500258	F015	TT5445	317F	10	6762	83/02/16	83/11/01
8500258	F015	TT5446	317F	10	6829	83/02/07	83/11/01
8500258	F015	TT5447	317F	10	6829	83/02/07	83/11/01
8500258	F015	TT5448	317F	10	6830	83/02/07	83/11/01
8500258	F015	TT5449	317F	10	6829	83/02/07	83/11/01

(43 rows affected)