

FT 015

ACCESSION NUMBER

90000054

TV4976-TV4990 FO15  
A0 1108

### DATA DOCUMENTATION FORM

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


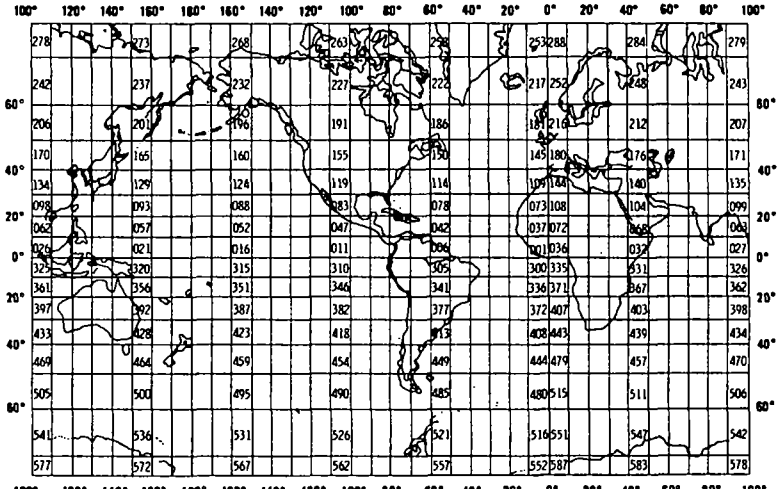
FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

(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  NOAA, Pacific Marine Environmental Laboratory 7600 Sand Point Way NE Seattle, Wa. 98115					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  Fisheries-Oceanography Cooperative Investigations (FOCI)		3. CRUISE NUMBER(S) USED BY DONOR TO IDENTIFY DATA IN THIS SHIPMENT  8802 8820 8805 8808 8814			
4. PLATFORM NAME(S)  buoy	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S. U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR  5/24/88 4/25/89		
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)  Dr. James Schumacher (206) 526-6197					

## 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)

## 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

Uses record types 1,2 and 4 inclusive (see attached sheets)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record type 1 - Text record  
Record type 2 - Master record  
Record type 4 - Detail record 2

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Mr. Peter Proctor (206)526-6780  
ADDRESS NOAA/PMEL, 7600 Sand Point Way NE, Seattle, Wa. 98115

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> .6</p>
<p>6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  FOCI program current meter and pressure gauge datasets. May 1988 to April 1989. 9 track, ASCII, 6250 bpi</p>
<p>8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input checked="" type="checkbox"/> 6250</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES 3200</p> <p>13. LENGTH OF BYTES IN BITS 8</p>

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
Current SP.	cm/SEC	AANDERAA CM'S		1 hour interval
Current SP.	cm/SEC	NEIL BROWN ACM'S		10 min. INTERVAL
TEMP	°C	AANDERAA CM'S		1 hr
TEMP	°C	NEIL BROWN ACM'S		10 min
Pressure	DBAR	AANDERAA CM'S		1 hr
Salinity	‰/1000	AANDERAA CM'S		1 hr

## RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

## RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

### 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 (✓)	



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 one (1) magnetic data tape and documentation as received from Mr. Peter Proctor, NOAA/PMEL. This tape contains both current meter and pressure gauge data from the Fisheries-Oceanography Cooperative Investigations (FOCI) program. Mooring deployment period was May 1988 to April 1989. The tape contains approximately 171,000 records.

FOIS

Tape Specs. - 9 track, ASCII, 6250 bpi



cc: Mr. Peter Proctor, NOAA/PMEL

A0/108  
90 00054

FORWARDED BY (Signature) <i>Sid Stillwaugh</i> Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 3/7/90
RECEIVED BY (Signature) <i>[Signature]</i>	TITLE	DATE RECEIVED

DATE April 1985	<b>NODC Users Guide</b>	SECTION 4.1.8	PAGE 2
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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	XXXXX (METERS TO TENTHS)	36
METER		
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

DATE	NODC Users Guide	SECTION	PAGE
March 1984		4.1.8	3

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

Ref	Mooring	Meter	Dep	Start	End	Len	Dt (hrs)	Lat	Lon	Dep
1	8802	AN5257	48	881510100	891150100	7921	1.000	57.62	155.10	259.
Some zero speeds. Conductivity 0-filled from 18-JAN-89:1400.										
2	8802	AN2358	74	881510000	891150300	7924	1.000	57.62	155.10	259.
Speed 0-filled from 18-JUL-88:2200. Cond. 0-filled from 09-OCT-88:0000.										
3	8802	AN2157	124	881510100	883642300	5135	1.000	57.62	155.10	259.
Data deteriorated in latter part of record, cut off early.										
4	8802	AN2117	183	881510100	891150100	7921	1.000	57.62	155.10	259.
CTD-CM difference of -0.45 ppt at beginning to 0.09 at end of record.										
5	8802	AN2477	235	881510200	891150200	7921	1.000	57.62	155.10	259.
Large 0-speed gap 19-DEC-88. Conductivity 0-filled for entire record.										
6	8805	AN5261	27	881462100	891111500	7939	1.000	56.34	156.86	127.
Conductivity 0-filled from 09-AUG-88:0000.										
7	8805	AN3710	53	881462100	891111500	7939	1.000	56.34	156.86	127.
Several large 0-speed gaps. Conductivity 0-filled 20-SEP-88:0900.										
8	8805	AN3132	112	881462100	891111500	7939	1.000	56.34	156.86	127.
Some 0 speeds. Conductivity 0-filled from 12-OCT-88:0000										
9	8808	AN5431	23	881470600	891110300	7918	1.000	55.96	156.38	227.
Conductivity 0-filled from 12-AUG-88:0800.										
10	8808	AN6571	49	881470600	891110300	7918	1.000	55.96	156.38	227.
0-filled speed. Conductivity 0-filled from 27-MAR-89:1100.										
11	8808	AN3286	98	881470600	891110300	7918	1.000	55.96	156.38	227.
Conductivity 0-filled from 29-DEC-88:2000.										
12	8808	AN3352	157	881470600	891110300	7918	1.000	55.96	156.38	227.
Conductivity 0-filled from 01-MAR-89:0000										
13	8808	AN5214	202	881470600	891110300	7918	1.000	55.96	156.38	227.
Conductivity 0-filled for entire record.										
14	8814	AN6006	118	881482000	891101900	7872	1.000	55.35	155.20	1202.
Pressure fluctuated wildly, filled w/130 dbars after 15-SEP-1988:0700.										
15	8814	AN5955	172	881482000	891101700	7870	1.000	55.35	155.20	1202.
Added -0.40 to conductivity to correct for difference between CTD and CM.										
16	8814	AN5950	212	881482000	891101900	7872	1.000	55.35	155.20	1202.
0-filled speeds.										
17	8814	AN0603	512	881482000	891101900	7872	1.000	55.35	155.20	1202.
Speed 0-filled from 11-AUG-88:1300.										
18	8814	AN22651012	881482000	891101700	7870	1.000	55.35	155.20	1202.	
0-filled speeds.										
19	8802	PG0853	257	881502300	891150100	7923	1.000	57.62	155.10	259.
20	8805	PG1058	124	881461900	891111300	7939	1.000	56.34	156.86	127.
21	8808	PG1059	224	881470400	891110300	7920	1.000	55.96	156.38	227.
22	8820	PG0209	58	881441000	891120200	8009	1.000	56.26	155.49	59.

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000054	TV4976	F015	0174	313F	317F	8802	05/30/88	04/24/89	1	7,924
9000054	TV4977	F015	0174	313F	317F	8802	05/30/88	07/18/88	1	1,203
9000054	TV4978	F015	0174	313F	317F	8802	05/30/88	12/29/88	1	5,138
9000054	TV4979	F015	0174	313F	317F	8802	05/30/88	04/24/89	1	7,924
9000054	TV4980	F015	0174	313F	317F	8802	05/30/88	04/24/89	1	7,924
9000054	TV4981	F015	0174	313F	317F	8805	05/25/88	04/20/89	1	7,942
9000054	TV4982	F015	0174	313F	317F	8805	05/25/88	04/20/89	1	7,942
9000054	TV4983	F015	0174	313F	317F	8805	05/25/88	04/20/89	1	7,942
9000054	TV4984	F015	0174	313F	317F	8808	05/26/88	04/20/89	1	7,921
9000054	TV4985	F015	0174	313F	317F	8808	05/26/88	04/20/89	1	7,921
9000054	TV4986	F015	0174	313F	317F	8808	05/26/88	04/20/89	1	7,921
9000054	TV4987	F015	0174	313F	317F	8808	05/26/88	04/20/89	1	7,921
9000054	TV4988	F015	0174	313F	317F	8814	05/27/88	04/19/89	1	7,877
9000054	TV4989	F015	0174	313F	317F	8814	05/27/88	04/19/89	1	7,873
9000054	TV4990	F015	0174	313F	317F	8814	05/27/88	08/11/88	1	1,823

0: \_\_\_\_\_

FILETYPE \_\_\_\_\_

TRACK NO. \_\_\_\_\_

PROJECT IDENTIFICATION \_\_\_\_\_

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
	03/19/90	CMH	A01108	1	80	3200	139,623
TAPE	03/21/90	CMH	W13772 **	1	80	3200	139,623
TAPE	4-2-90	R.P.S.	W17389 ***	1	60	6000	103,295
DISK							
REK							
REK							
022							
FINALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR:

Tape W13772 is 9 TRK, 1600 bpi, SL  
\*\* DNO DC \* 9000054-01

\*\*\* LABEL: DNO DC \* FOCI OUT.

196  
~~103,200~~

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

TRACKS DELETED, FIELDS DELETED, ETC.)

Cliff Hartley

PHONE #	DATE	DATE TIME	TIME
673-5636	03/20/90	ASAP	09
EG12008N3HH9			

copy 1st file only to a 'W' tape  
Please scan 'W' tape

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

TAPES/DISKETTE INFORMATION										
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
A01108		9	1600	ODD	NL	FB	80	<del>3239</del> 3200	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		3200	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	
W13772		9	1600	ODD	SL	FB	80	<del>3239</del> 3200	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		3200	PURGE DATE	
								DNDJC*9000054-01.		

SPECIAL INSTRUCTIONS  
Please send 'W' tape to Asheville, N.C.  
CLEANED OUTPUT TAPE 3 TIMES, FOR CORRECT  
BLOCKSIZE. WHICH ~~WAS~~ IS 3200. 9.8

ESTIMATED  
EXECUTION  
TIME  
1.1 HR 10 MINS.

USER ONLY					DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY		DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
3-21-90	7:15	8:25	C		COMPLETED BY J.S.

20032006

Please scan tape

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

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	A01108		9	6250					3200	2
	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
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	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	ESTIMATED EXECUTION TIME
Please return tape A01108 to Bin 09.	

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.
0031502	3-15-90	8:50	<del>9:55</del>	C	COMPLETED BY J.S

REMARKS



ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000054	TV4661	F017	0174	313F	317F	0853	05/29/88	04/24/89	1	7,929
9000054	TV4662	F017	0174	313F	317F	1058	05/25/88	04/20/89	1	7,945
9000054	TV4663	F017	0174	313F	317F	1059	05/26/88	04/20/89	1	7,926
9000054	TV4664	F017	0174	313F	317F	0209	05/23/88	04/21/89	1	8,015

W16076

0. \_\_\_\_\_

FILETYPE \_\_\_\_\_

TRACK NO. \_\_\_\_\_

PROJECT IDENTIFICATION \_\_\_\_\_

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
	03/19/90	CUH	A01108	1	80	3200	31811
TAPE	03/21/90	CUH	W13816 **	1	80	3200	31811
TAPE	4-10-90	R.P.S	W1676 ***	1	50	5000	31,815
DISK			W16076		52		
EX							
EX							
022							
INITIALIZED							

VC  
REPORTED TO PRINCIPAL INVESTIGATOR:

Tape W13816 is 9TK, 1600 bpi, SL  
\*\*DNODC\* 9000054-02

\*\*\* LABEL U. DNODC\* FOCI Q17OUT.

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

TV4661,

clift. FUS017

TRACKS DELETED, FIELDS DELETED, ETC.)

Cliff Hartley

PHONE: 673-5631  
JOB # 104  
JOB/TASK # EG12008N3HH9

DATE: 03/20/90  
DATE TIME: ASAP  
JOB # 09

SKIP FILE 1, COPY FILE 2 ONLY TO A 'W' TAPE  
PLEASE SEND 'W' TAPE

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

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A01108		9	1600	ODD	NL	FB	80	3200	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
W13816		9	1600	ODD	SL	FB	80	3200	3
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME DNDDC #9000054-02.				PURGE DATE

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

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
3-21-90	8:30	8:40	C	COMPLETED BY J.S.

REMARKS

*Please scan tape*

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

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	INPUT	<u>A01108</u>		<u>9</u>	<u>1600</u> <u>6250</u>					<u>3200</u>	<u>2</u>
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
OUTPUT	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

SPECIAL INSTRUCTIONS  <p style="font-size: 1.2em;"><i>Please return tape <u>A01108</u> to Bin 09.</i></p>	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
<u>70031502</u>	<u>3-15-90</u>	<u>8:50</u>	<u>9:55</u>	<u>C</u>	<u>COMPLETED BY J.S</u>

COMMENTS

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

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

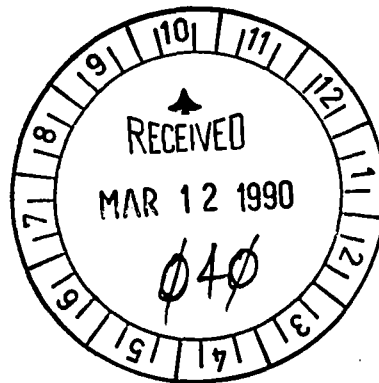
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

- ORDINARY MAIL  
  REGISTERED MAIL  
  AIR MAIL  
  CERTIFIED MAIL  
  GOVERNMENT TRUCK  
  BY HAND  
  OTHER

Enclosed, find one (1) magnetic data tape and documentation as received from Mr. Peter Proctor, NOAA/PMEL. This tape contains both current meter and pressure gauge data from the Fisheries-Oceanography Cooperative Investigations (FOCI) program. Mooring deployment period was May 1988 to April 1989. The tape contains approximately 171,000 records.

FOI?

Tape Specs. - 9 track, ASCII, 6250 bpi



cc: Mr. Peter Proctor, NOAA/PMEL

A01108

9000054

<b>FORWARDED BY (Signature)</b> Sid Stillwaugh	<b>TITLE</b> NODC Liaison Officer, Seattle	<b>DATE FORWARDED</b> 3/7/90
<b>RECEIVED BY (Signature)</b> F.J. MITCHELL	<b>TITLE</b>	<b>DATE RECEIVED</b>

ACCESSION NUMBER

DATA DOCUMENTATION FORM

AD 1108

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

F017

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, Pacific Marine Environmental Laboratory 7600 Sand Point Way NE Seattle, Wa. 98115				3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  8802 8805 8808 8820			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  Fisheries-Oceanography Cooperative Investigations (FOCI)		4. PLATFORM NAME(S)  buoy					
6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S.		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR U.S. U.S. 5/24/88 4/25/89					
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)  Dr. James Schumacher (206) 526-6197					

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
Current SP.	cm/sec	AANDERAA CM'S		1 hour interval
Current SP.	cm/sec	NEIL BROWN ACM'S		10 min. interval
TEMP	°C	AANDERAA CM'S		1 hr
TEMP	°C	NEIL BROWN ACM'S		10 min
Pressure	DBAR	AANDERAA CM'S		1 hr
Salinity	‰	AANDERAA CM'S		1 hr

### 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 017

Uses record types 1,2,3 and 4 inclusive.

**2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION**

Record type 1 - Text record  
 Record type 2 - Master record 1  
 Record type 3 - Master record 2  
 Record type 4 - Detail record

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

**4. RESPONSIBLE COMPUTER SPECIALIST:**

NAME AND PHONE NUMBER Mr. Peter Proctor, (206) 526-6780  
 ADDRESS NOAA/PMEL, 7600 Sand Point Way NE, Seattle, Wa. 98115

**COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE**

<p><b>5. RECORDING MODE</b></p> <p><input type="checkbox"/> BCD    <input type="checkbox"/> BINARY  <input checked="" type="checkbox"/> ASCII    <input type="checkbox"/> EBCDIC  <input type="checkbox"/> _____</p>	<p><b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b>    <input type="checkbox"/> 3/4 INCH  <input checked="" type="checkbox"/> .6</p>
<p><b>6. NUMBER OF TRACKS (CHANNELS)</b></p> <p><input type="checkbox"/> SEVEN  <input checked="" type="checkbox"/> NINE  <input type="checkbox"/> _____</p>	<p><b>10. END OF FILE MARK</b></p> <p><input type="checkbox"/> OCTAL 17  <input type="checkbox"/> _____</p>
<p><b>7. PARITY</b></p> <p><input type="checkbox"/> ODD  <input type="checkbox"/> EVEN</p>	<p><b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b></p> <p>FOCI program current meter and pressure gauge datasets. May 1988 to April 1989. 9 track, ASCII, 6250 bpi</p>
<p><b>8. DENSITY</b></p> <p><input type="checkbox"/> 200 BPI    <input type="checkbox"/> 1600 BPI  <input type="checkbox"/> 556 BPI  <input type="checkbox"/> 800 BPI  <input checked="" type="checkbox"/> 6250</p>	<p><b>12. PHYSICAL BLOCK LENGTH IN BYTES</b></p> <p style="text-align: center;">3200</p>
	<p><b>13. LENGTH OF BYTES IN BITS</b></p> <p style="text-align: center;">8</p>



DATE April 1985	<b>NODC Users Guide</b>	SECTION 4.1.9	PAGE 2
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File structure -

Four 50-character records: (1) Text Record, (2) Gauge Master Record 1, (3) Gauge Master Record 1, and (4) Detail Record.

File format -

Pressure Gauge Data (F017)

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
GAUGE NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2, 3 AND 4	11
TEXT	TWENTY-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
SEQUENCE NUMBER	XXXXX - USED FOR SORTING TEXT RECORDS	36
BLANKS		41
GAUGE MASTER RECORD I	ALWAYS '2'	10
GAUGE 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 PRESSURE GAUGE	XXXXX (METERS TO TENTHS)	31
NUMBER OF DETAIL RECORDS	XXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (4) TO FOLLOW	36
BLANKS		41
GAUGE MASTER RECORD II	ALWAYS '3'	10
GAUGE NUMBER	SEE RECORD '1'	11
DEPTH TO BOTTOM	XXXXX (WHOLE METERS)	16
METER USAGE SEQUENCE NUMBER	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	21
(NODC USE)	TWO CHARACTERS FOR NODC INTERNAL USE	24
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY THE ORIGINATOR	26
BLANKS		32
DETAIL RECORD	ALWAYS '4'	10
GAUGE NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
TOTAL PRESSURE	XXXXXXXX (DECIBARS TO THOUSANDTHS)	28
SEQUENCE NUMBER	XXXXX - USED FOR SORTING DATA RECORDS	36
TEMPERATURE	XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS	41
BLANKS		46

Ref	Mooring	Meter	Dep	Start	End	Len	Dt (hrs)	Lat	Lon	Dep
1	8802	AN5257	48	881510100	891150100	7921	1.000	57.62	155.10	259.
Some zero speeds. Conductivity 0-filled from 18-JAN-89:1400.										
2	8802	AN2358	74	881510000	891150300	7924	1.000	57.62	155.10	259
Speed 0-filled from 18-JUL-88:2200. Cond. 0-filled from 09-OCT-88:0000.										
3	8802	AN2157	124	881510100	883642300	5135	1.000	57.62	155.10	259.
Data deteriorated in latter part of record, cut off early.										
4	8802	AN2117	183	881510100	891150100	7921	1.000	57.62	155.10	259.
CTD-CM difference of -0.45 ppt at beginning to 0.09 at end of record.										
5	8802	AN2477	235	881510200	891150200	7921	1.000	57.62	155.10	259.
Large 0-speed gap 19-DEC-88. Conductivity 0-filled for entire record.										
6	8805	AN5261	27	881462100	891111500	7939	1.000	56.34	156.86	127.
Conductivity 0-filled from 09-AUG-88:0000.										
7	8805	AN3710	53	881462100	891111500	7939	1.000	56.34	156.86	127.
Several large 0-speed gaps. Conductivity 0-filled 20-SEP-88:0900.										
8	8805	AN3132	112	881462100	891111500	7939	1.000	56.34	156.86	127.
Some 0 speeds. Conductivity 0-filled from 12-OCT-88:0000										
9	8808	AN5431	23	881470600	891110300	7918	1.000	55.96	156.38	227.
Conductivity 0-filled from 12-AUG-88:0800.										
10	8808	AN6571	49	881470600	891110300	7918	1.000	55.96	156.38	227.
0-filled speed. Conductivity 0-filled from 27-MAR-89:1100.										
11	8808	AN3286	98	881470600	891110300	7918	1.000	55.96	156.38	227.
Conductivity 0-filled from 29-DEC-88:2000.										
12	8808	AN3352	157	881470600	891110300	7918	1.000	55.96	156.38	227.
Conductivity 0-filled from 01-MAR-89:0000										
13	8808	AN5214	202	881470600	891110300	7918	1.000	55.96	156.38	227.
Conductivity 0-filled for entire record.										
14	8814	AN6006	118	881482000	891101900	7872	1.000	55.35	155.20	1202.
Pressure fluctuated wildly, filled w/130 dbars after 15-SEP-1988:0700.										
15	8814	AN5955	172	881482000	891101700	7870	1.000	55.35	155.20	1202
Added -0.40 to conductivity to correct for difference between CTD and CM.										
16	8814	AN5950	212	881482000	891101900	7872	1.000	55.35	155.20	1202.
0-filled speeds.										
17	8814	AN0603	512	881482000	891101900	7872	1.000	55.35	155.20	1202.
Speed 0-filled from 11-AUG-88:1300.										
18	8814	AN22651012		881482000	891101700	7870	1.000	55.35	155.20	1202.
0-filled speeds.										
19	8802	PG0853	257	881502300	891150100	7923	1.000	57.62	155.10	259.
20	8805	PG1058	124	881461900	891111300	7939	1.000	56.34	156.86	127.
21	8808	PG1059	224	881470400	891110300	7920	1.000	55.96	156.38	227.
22	8820	PG0209	58	881441000	891120200	8009	1.000	56.26	155.49	59.

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9000054	F017	TV4661	0174	313F	317F	1988/05/29	0853	190544
9000054	F017	TV4662	0174	313F	317F	1988/05/25	1058	190545
9000054	F017	TV4663	0174	313F	317F	1988/05/26	1059	190546
9000054	F017	TV4664	0174	313F	317F	1988/05/23	0209	190547
9000054	F015	TV4976	0174	313F	317F	1988/05/30	8802	190548
9000054	F015	TV4977	0174	313F	317F	1988/05/30	8802	190549
9000054	F015	TV4978	0174	313F	317F	1988/05/30	8802	190550
9000054	F015	TV4979	0174	313F	317F	1988/05/30	8802	190551
9000054	F015	TV4980	0174	313F	317F	1988/05/30	8802	190552
9000054	F015	TV4981	0174	313F	317F	1988/05/25	8805	190553
9000054	F015	TV4982	0174	313F	317F	1988/05/25	8805	190554
9000054	F015	TV4983	0174	313F	317F	1988/05/25	8805	190555
9000054	F015	TV4984	0174	313F	317F	1988/05/26	8808	190556
9000054	F015	TV4985	0174	313F	317F	1988/05/26	8808	190557
9000054	F015	TV4986	0174	313F	317F	1988/05/26	8808	190558
9000054	F015	TV4987	0174	313F	317F	1988/05/26	8808	190559
9000054	F015	TV4988	0174	313F	317F	1988/05/27	8814	190560
9000054	F015	TV4989	0174	313F	317F	1988/05/27	8814	190561
9000054	F015	TV4990	0174	313F	317F	1988/05/27	8814	190562

(19 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9000054	F017	TV4661	317F	12	7929	88/05/29	89/04/01
9000054	F017	TV4662	317F	12	7945	88/05/25	89/04/01
9000054	F017	TV4663	317F	12	7926	88/05/26	89/04/01
9000054	F017	TV4664	317F	12	8015	88/05/23	89/04/01
9000054	F015	TV4976	317F	12	7924	88/05/30	89/04/01
9000054	F015	TV4977	317F	3	1203	88/05/30	88/07/01
9000054	F015	TV4978	317F	8	5138	88/05/30	88/12/01
9000054	F015	TV4979	317F	12	7924	88/05/30	89/04/01
9000054	F015	TV4980	317F	12	7924	88/05/30	89/04/01
9000054	F015	TV4981	317F	12	7942	88/05/25	89/04/01
9000054	F015	TV4982	317F	12	7942	88/05/25	89/04/01
9000054	F015	TV4983	317F	12	7942	88/05/25	89/04/01
9000054	F015	TV4984	317F	12	7921	88/05/26	89/04/01
9000054	F015	TV4985	317F	12	7921	88/05/26	89/04/01
9000054	F015	TV4986	317F	12	7921	88/05/26	89/04/01
9000054	F015	TV4987	317F	12	7921	88/05/26	89/04/01
9000054	F015	TV4988	317F	12	7877	88/05/27	89/04/01
9000054	F015	TV4989	317F	12	7873	88/05/27	89/04/01
9000054	F015	TV4990	317F	4	1823	88/05/27	88/08/01

(19 rows affected)