


91-01

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100018	TV5763	F015		313F	317F	PMS84V	05/25/84	06/16/85	1	9,361
9100018	TV5764	F015		313F	317F	PMS84V	05/27/84	06/15/84	1	5,635
9100018	TV5765	F015		313F	317F	PMS84V	05/27/84	06/15/84	1	2,822
9100018	TV5766	F015		313F	317F	PMS84V	05/27/84	06/15/84	1	2,826
9100018	TV5767	F015		313F	317F	PMS84V	06/03/84	11/28/84	1	8,573
9100018	TV5768	F015		313F	317F	PMS84V	06/03/84	11/29/84	1	8,640
9100018	TV5769	F015		313F	317F	PMS84V	06/03/84	11/25/84	1	8,470
9100018	TV5770	F015		313F	317F	PMS85V	06/07/85	07/22/85	1	13,261
9100018	TV5771	F015		313F	317F	85V08	06/09/85	08/14/85	1	1,593
9100018	TV5772	F015		313F	317F	85V08	06/09/85	04/13/86	1	7,402
9100018	TV5773	F015		313F	317F	85V08	06/09/85	06/26/86	1	9,248
9100018	TV5774	F015		313F	317F	V8609B	10/19/86	07/27/87	1	6,755
9100018	TV5775	F015		313F	317F	V8609B	10/19/86	07/27/87	1	6,807
9100018	TV5776	F015		313F	317F	V8609A	08/16/86	07/27/87	1	8,295
9100018	TV5777	F015		313F	317F	8609A	08/16/86	07/27/87	1	8,296
9100018	TV5778	F015		313F	317F	V8609A	08/16/86	07/25/87	1	8,312
9100018	TV5779	F015		313F	317F	86V10	08/16/86	08/23/86	1	721
9100018	TV5780	F015		313F	317F	V8611	08/23/86	07/15/87	1	7,843
9100018	TV5781	F015		313F	317F	V8611	08/23/86	07/14/87	1	7,879
9100018	TV5782	F015		313F	317F	V8612	08/24/86	07/25/87	1	8,101
9100018	TV5783	F015		313F	317F	87V14	07/19/87	07/09/88	1	8,581
9100018	TV5784	F015		313F	317F	87V15	07/15/87	07/25/88	1	9,061
9100018	TV5785	F015		313F	317F	87V16	07/18/87	07/14/88	1	8,661
9100018	TV5786	F015		313F	317F	87V16	07/18/87	07/12/88	1	8,681
9100018	TV5787	F015		313F	317F	87V17	07/20/87	07/15/88	1	8,662
9100018	TV5788	F015		313F	317F	87V17	07/20/87	07/16/88	1	8,668
9100018	TV5789	F015		313F	317F	87V17	07/20/87	07/16/88	1	8,669
9100018	TV5790	F015		313F	317F	87V17	07/20/87	07/14/88	1	8,685
9100018	TV5791	F015		313F	317F	87V18	07/17/87	07/17/88	1	8,821
9100018	TV5792	F015		313F	317F	87V19	07/16/87	07/18/88	1	8,830
9100018	TV5793	F015		313F	317F	87V19	07/16/87	07/18/88	1	8,872
9100018	TV5794	F015		313F	317F	88V22	07/14/88	08/12/89	1	9,500
9100018	TV5795	F015		313F	317F	88V22	07/14/88	08/12/89	1	9,498
9100018	TV5796	F015		313F	317F	88V22	07/14/88	08/12/89	1	9,498
9100018	TV5797	F015		313F	317F	88V22	07/14/88	08/12/89	1	9,498
9100018	TV5798	F015		313F	317F	88V22	07/14/88	08/12/89	1	9,500
9100018	TV5799	F015		313F	317F	88V22	07/14/88	08/10/89	1	9,512
9100018	TV5800	F015		313F	317F	88V23	07/20/88	08/07/89	1	9,301
9100018	TV5801	F015		313F	317F	88V24	07/18/88	07/22/89	1	8,884
9100018	TV5802	F015		313F	317F	88V24	07/18/88	08/11/89	1	9,418
9100018	TV5803	F015		313F	317F	8925	08/13/89	04/30/90	1	6,265
9100018	TV5804	F015		313F	317F	8925	08/13/89	03/28/90	1	5,483
9100018	TV5805	F015		313F	317F	8925	08/13/89	03/18/90	1	5,295
9100018	TV5806	F015		313F	317F	8926	08/11/89	04/05/90	1	5,761
9100018	TV5807	F015		313F	317F	8927	08/15/89	04/04/90	1	5,590
9100018	TV5808	F015		313F	317F	8927	08/15/89	03/27/90	1	5,452
9100018	TV5809	F015		313F	317F	8928	08/14/89	04/09/90	1	5,695
9100018	TV5810	F015		313F	317F	8928	08/14/89	03/31/90	1	5,496
9100018	TV5811	F015		313F	317F	V8928	08/14/89	04/06/90	1	5,630
9100018	TV5812	F015		313F	317F	8928	08/14/89	04/23/90	1	6,103



000018	TV5813	F015	313F 317F 8930	08/16/89 05/01/90	1	6,241
9100018	TV5814	F015	313F 317F 8931	08/13/89 03/25/90	1	5,401
9100018	TV5815	F015	313F 317F 8931	08/13/89 03/28/90	1	5,521
=====						

53 395,523

0. 9100018 FILETYPE FOIS TRACK NO.            PROJECT IDENTIFICATION           

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
	01/29/91	CMH	A01353	25	60	3600	395,520
TAPE	02/12/91	CMH	W13989	25	60	3600	395,520
TAPE	3-1-91	R.P.S.	W00840 **	1	60	6000	395,672
DISK							
MEK							
MEK							
022							
INITIALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR: Tape W13989 is 9 TRK, NL, 6250 bpi

\*\* LABEL: DN00C \* VENTSOUT.

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

# REQUEST FOR ADP SERVICES

User Name <i>Cliff Hartley</i>	Phone # <i>673-5636</i>	Org/Task <i>EC12008N3AH9</i>	Submit Date <i>02/06/91</i>	Due Date <i>ASAP</i>
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## PART A

### Request/Problem Category

- ☐ General Info    ☐ Communications    ☐ Equipment    ☐ Supplier  
☐ Software    ☐ Tape Library    ☒ Computer Operations  
☐ Other

### Request Problem Description:

*Copy tape A# 1353 to a 'W' tape  
Please scan 'W' tape*

## PART B

(For Operator Job Requests)

### Operator Job Request Type

- ☐ Run BRBUOY procedure    Name: \_\_\_\_\_    ☐ See attached list  
☐ Run SELBUOY procedure    Name: \_\_\_\_\_    ☐ See attached list  
☐ Run BUOYSUM procedure    Name: \_\_\_\_\_    ☐ See attached list  
☐ Run OTHER procedure - see SPECIAL INSTRUCTIONS  
☐ Tape Scan  
☒ Tape to Tape Copy    Scan OUTPUT tape? ☒ yes ☐ no  
☐ Disk to Tape Copy    Scan OUTPUT tape? ☐ yes ☐ no  
☐ Tape to Disk Copy  
☐ Print    ☐ 80 column    ☐ 132 column    ☐ HEX    ☐ OCTAL    ☐ Character  
                     All files/records? ☐ yes ☐ no, see SPECIAL INSTRUCTIONS  
☐ Restore VAX file    Name: \_\_\_\_\_  
☐ OTHER - see SPECIAL INSTRUCTIONS

### Special Operator Instructions:

*Please send 'W' Tape to Asheville, N.C.*

### JOB INPUT

Id#/Filename: *A#1353(0#0292)*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:  
 Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:  
 Tape Specs: ☐ 800 ☐ 1600 ☒ 6250 ☒ NL ☐ SL  
 MAX Record Length: *60*    MAX Blocksize: *3600*

### JOB OUTPUT

Id#/Filename: *W13989*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:  
 Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:  
 Tape Specs: ☐ 800 ☐ 1600 ☒ 6250 ☒ NL ☐ SL  
 MAX Record Length: *60*    MAX Blocksize: *3600*

(OC3 Use Only)

JOB Number: *91#2#7#4*  
 Completed By: *g/l*

Date/Time Start: *2-12-91/11:30*  
 Date/Time Completed: *2-12-91/12:15*

# REQUEST FOR ADP SERVICES

User Name <i>Cliff Hantley</i>	Phone # <i>673-5636</i>	Org/Task <i>EG1208N37119</i>	Submit Date <i>01/23/90</i>	Due Date <i>ASAP</i>
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**PART A**

Request/Problem Category

☐ General Info      ☐ Communications      ☐ Equipment      ☐ Supplies  
☐ Software      ☐ Tape Library      ☒ Computer Operations  
☐ Other \_\_\_\_\_

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Request/Problem Description:  
*Please scan Tape A#1353*

**PART B** (For Operator Job Requests)

Operator Job Request Type

☐ Run BRBUOY procedure      Name: \_\_\_\_\_      ☐ See attached list  
☐ Run SELBUOY procedure      Name: \_\_\_\_\_      ☐ See attached list  
☐ Run BUOYSUM procedure      Name: \_\_\_\_\_      ☐ See attached list  
☐ Run OTHER procedure - see SPECIAL INSTRUCTIONS  
☒ Tape Scan  
☐ Tape to Tape Copy      Scan OUTPUT tape? ☐ yes ☐ no  
☐ Disk to Tape Copy      Scan OUTPUT tape? ☐ yes ☐ no  
☐ Tape to Disk Copy  
☐ Print      ☐ 80 column      ☐ 132 column      ☐ HEX      ☐ OCTAL      ☐ Character  
                     All files/records? ☐ yes ☐ no, see SPECIAL INSTRUCTIONS  
☐ Restore VAX file      Name: \_\_\_\_\_  
☐ OTHER - see SPECIAL INSTRUCTIONS

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Special Operator Instructions:  
*Please return Tape A#1353 to Bin 09*

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**JOB INPUT**

Id#/Filename: *A#1353*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:  
 Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:  
 Tape Specs: ☐ 800 ☐ 1600 ☒ 6250 ☐ NL ☐ SL  
 MAX Record Length: \_\_\_\_\_ MAX Blocksize: *3600*

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**JOB OUTPUT**

Id#/Filename: *A#1353*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:  
 Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:  
 Tape Specs: ☐ 800 ☐ 1600 ☒ 6250 ☐ NL ☐ SL  
 MAX Record Length: \_\_\_\_\_ MAX Blocksize: *3600*

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(OC3 Use Only)  
 JOB Number: *91412344*  
 Completed By: *g.s.*

Date/Time Start: *1-29-91/11:45*  
 Date/Time Completed: *1-29-91/12:00*

## 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

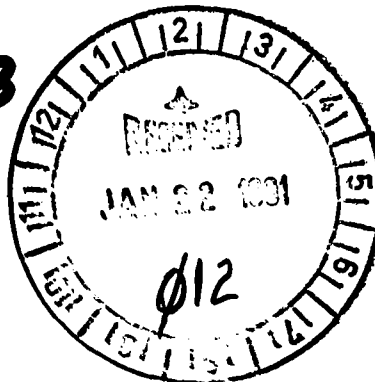
☒ ORDINARY MAIL    ☐ REGISTERED MAIL    ☐ AIR MAIL    ☐ CERTIFIED MAIL    ☐ GOVERNMENT TRUCK    ☐ BY HAND    ☐ OTHER

Enclosed, find documentation and one (1) magnetic tape containing 25 files of Hydrothermal VENTS project current meter data sets (in NODC FT 015) as received from Mr. David Pashinski, PMEL. These subsurface moorings data cover the period July 1984 through July 1990.

Tape specs. - 9 track, ASCII, 6250 bpi, with 3600 char. blocks, 60 rec./block

AC # 9100018

A01353



cc: Mr. David Pashinski, NOAA/PMEL

FORWARDED BY (Signature) Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 1/16/91
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

ACCESSION  
NUMBER

9100018  
Aφ1353

# 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

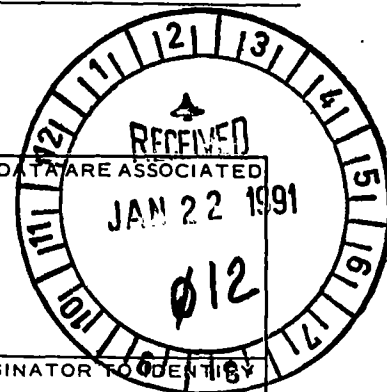
FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

(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 PMEL MRRD  
Bin 15700 Bldg. 3  
7600 Sandpoint Way NE  
Seattle, WA 98115

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

Hydrothermal Vents

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

V8401, 04, 05 V8822, 23, 24  
V8507, 08 V8925, 26, 27, 28, 30, 31  
V8609A, 09B, 10, 11, 12  
V8714, 15, 16, 17, 18, 19

4. PLATFORM NAME(S)

see 3.

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

Subsurface  
Moorings

6. PLATFORM AND OPERATOR  
NATIONALITY(IES)

PLATFORM

OPERATOR

US

US

7. DATES

FROM: MO/DAY/YR

TO: MO/DAY/YR

7/84

7/90

8. ARE DATA PROPRIETARY?

☒ NO ☐ 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

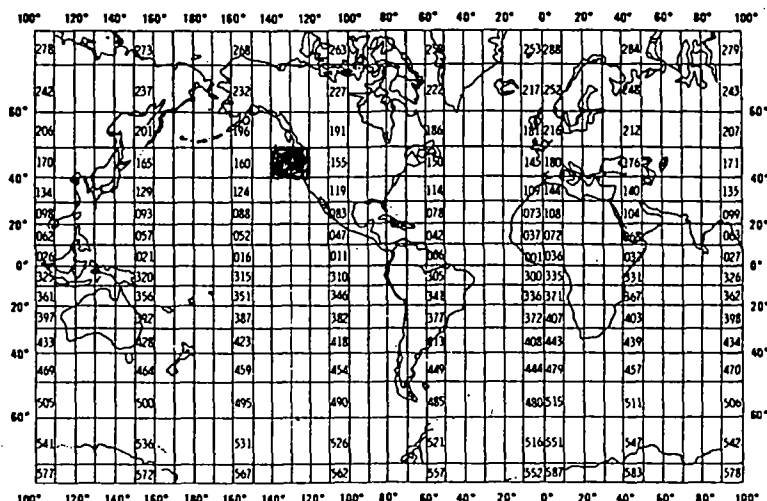
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

☒ 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)

D. Pashinski 206-526-6781



# 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
U & V	cm/sec	Aanderaa RCM-4		interpolated to common time
temperature	deg C.	"		"
pressure	db.	"		"
salinity	ppt.	"		"
attenuation	na	" w/seatech beam transmissometer		"



## 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 15 Current Meter

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

25 files

file 1	V8401	1 cm	10	V8612	1 cm	19	V8824	2 cm
2	4 3		11	V8714	1 cm	20	V8925	3
3	5 3		12	15 1		21	26 1	
4	V8507	1	13	16 2		22	27 2	
5	8 3		14	17 4		23	28 4	
6	V8609	2	15	18 1		24	30 1	
7	9 3		16	19 2		25	31 2	
8	10 1		17	V8822	6			
9	11 2		18	23 1				

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER D. Pashinski 206 526 6781

ADDRESS \_\_\_\_\_

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 type="checkbox"/> _____</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) VENTS FT 015 current meter datasets 7/84 to 7/90, 25 files, NODC.VTCMS 6250 bpi, 9 trk., ASCII 3600 char. blks, 60 recs/blk</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 3600 (60/rec)</p> <p>13. LENGTH OF BYTES IN BITS</p>

DATE March 1984	NODC Users Guide	SECTION 4.1.8	PAGE 2
--------------------	------------------	------------------	-----------

### 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	ODMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	ODMMXX 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 - DIRECTION TOWARD	28
COMPONENT (U)		

DATE . . March 1984	NODC Users Guide	SECTION 4.1.8	PAGE 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

### 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-4	annual		NRCC		x				
Seatech transm.	?	x			x				

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9100018	F015	TV5813	9999	313F	317F	1989/08/16	8930	194442
9100018	F015	TV5814	9999	313F	317F	1989/08/13	8931	194443
9100018	F015	TV5815	9999	313F	317F	1989/08/13	8931	194444
9100018	F015	TV5763	9999	313F	317F	1984/05/25	PMS84V	194392
9100018	F015	TV5764	9999	313F	317F	1984/05/27	PMS84V	194393
9100018	F015	TV5765	9999	313F	317F	1984/05/27	PMS84V	194394
9100018	F015	TV5766	9999	313F	317F	1984/05/27	PMS84V	194395
9100018	F015	TV5767	9999	313F	317F	1984/06/03	PMS84V	194396
9100018	F015	TV5768	9999	313F	317F	1984/06/03	PMS84V	194397
9100018	F015	TV5769	9999	313F	317F	1984/06/03	PMS84V	194398
9100018	F015	TV5770	9999	313F	317F	1985/06/07	PMS85V	194399
9100018	F015	TV5771	9999	313F	317F	1985/06/09	85V08	194400
9100018	F015	TV5772	9999	313F	317F	1985/06/09	85V08	194401
9100018	F015	TV5773	9999	313F	317F	1985/06/09	85V08	194402
9100018	F015	TV5774	9999	313F	317F	1986/10/19	V8609B	194403
9100018	F015	TV5775	9999	313F	317F	1986/10/19	V8609B	194404
9100018	F015	TV5776	9999	313F	317F	1986/08/16	V8609A	194405
9100018	F015	TV5777	9999	313F	317F	1986/08/16	8609A	194406
9100018	F015	TV5778	9999	313F	317F	1986/08/16	V8609A	194407
9100018	F015	TV5779	9999	313F	317F	1986/08/16	86V10	194408
9100018	F015	TV5780	9999	313F	317F	1986/08/23	V8611	194409
9100018	F015	TV5781	9999	313F	317F	1986/08/23	V8611	194410
9100018	F015	TV5782	9999	313F	317F	1986/08/24	V8612	194411
9100018	F015	TV5783	9999	313F	317F	1987/07/19	87V14	194412
9100018	F015	TV5784	9999	313F	317F	1987/07/15	87V15	194413
9100018	F015	TV5785	9999	313F	317F	1987/07/18	87V16	194414
9100018	F015	TV5786	9999	313F	317F	1987/07/18	87V16	194415
9100018	F015	TV5787	9999	313F	317F	1987/07/20	87V17	194416
9100018	F015	TV5788	9999	313F	317F	1987/07/20	87V17	194417
9100018	F015	TV5789	9999	313F	317F	1987/07/20	87V17	194418
9100018	F015	TV5790	9999	313F	317F	1987/07/20	87V17	194419
9100018	F015	TV5791	9999	313F	317F	1987/07/17	87V18	194420
9100018	F015	TV5792	9999	313F	317F	1987/07/16	87V19	194421
9100018	F015	TV5793	9999	313F	317F	1987/07/16	87V19	194422
9100018	F015	TV5794	9999	313F	317F	1988/07/14	88V22	194423
9100018	F015	TV5795	9999	313F	317F	1988/07/14	88V22	194424
9100018	F015	TV5796	9999	313F	317F	1988/07/14	88V22	194425
9100018	F015	TV5797	9999	313F	317F	1988/07/14	88V22	194426
9100018	F015	TV5798	9999	313F	317F	1988/07/14	88V22	194427
9100018	F015	TV5799	9999	313F	317F	1988/07/14	88V22	194428
9100018	F015	TV5800	9999	313F	317F	1988/07/20	88V23	194429
9100018	F015	TV5801	9999	313F	317F	1988/07/18	88V24	194430
9100018	F015	TV5802	9999	313F	317F	1988/07/18	88V24	194431
9100018	F015	TV5803	9999	313F	317F	1989/08/13	8925	194432
9100018	F015	TV5804	9999	313F	317F	1989/08/13	8925	194433
9100018	F015	TV5805	9999	313F	317F	1989/08/13	8925	194434
9100018	F015	TV5806	9999	313F	317F	1989/08/11	8926	194435
9100018	F015	TV5807	9999	313F	317F	1989/08/15	8927	194436
9100018	F015	TV5808	9999	313F	317F	1989/08/15	8927	194437
9100018	F015	TV5809	9999	313F	317F	1989/08/14	8928	194438
9100018	F015	TV5810	9999	313F	317F	1989/08/14	8928	194439
9100018	F015	TV5811	9999	313F	317F	1989/08/14	V8928	194440
9100018	F015	TV5812	9999	313F	317F	1989/08/14	8928	194441

(53 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9100018	F015	TV5813	317F	12	6241	89/08/16	90/05/01
9100018	F015	TV5814	317F	8	5401	89/08/13	90/03/01
9100018	F015	TV5815	317F	8	5521	89/08/13	90/03/01
9100018	F015	TV5763	317F	14	9361	84/05/25	85/06/01
9100018	F015	TV5764	317F	2	5635	84/05/27	84/06/01
9100018	F015	TV5765	317F	2	2822	84/05/27	84/06/01
9100018	F015	TV5766	317F	2	2826	84/05/27	84/06/01
9100018	F015	TV5767	317F	6	8573	84/06/03	84/11/01
9100018	F015	TV5768	317F	6	8640	84/06/03	84/11/01
9100018	F015	TV5769	317F	6	8470	84/06/03	84/11/01
9100018	F015	TV5770	317F	2	13261	85/06/07	85/07/01
9100018	F015	TV5771	317F	3	1593	85/06/09	85/08/01
9100018	F015	TV5772	317F	11	7402	85/06/09	86/04/01
9100018	F015	TV5773	317F	13	9248	85/06/09	86/06/01
9100018	F015	TV5774	317F	10	6755	86/10/19	87/07/01
9100018	F015	TV5775	317F	10	6807	86/10/19	87/07/01
9100018	F015	TV5776	317F	12	8295	86/08/16	87/07/01
9100018	F015	TV5777	317F	12	8296	86/08/16	87/07/01
9100018	F015	TV5778	317F	12	8312	86/08/16	87/07/01
9100018	F015	TV5779	317F	1	721	86/08/16	86/08/16
9100018	F015	TV5780	317F	12	7843	86/08/23	87/07/01
9100018	F015	TV5781	317F	12	7879	86/08/23	87/07/01
9100018	F015	TV5782	317F	12	8101	86/08/24	87/07/01
9100018	F015	TV5783	317F	13	8581	87/07/19	88/07/01
9100018	F015	TV5784	317F	13	9061	87/07/15	88/07/01
9100018	F015	TV5785	317F	13	8661	87/07/18	88/07/01
9100018	F015	TV5786	317F	13	8681	87/07/18	88/07/01
9100018	F015	TV5787	317F	13	8662	87/07/20	88/07/01
9100018	F015	TV5788	317F	13	8668	87/07/20	88/07/01
9100018	F015	TV5789	317F	13	8669	87/07/20	88/07/01
9100018	F015	TV5790	317F	13	8685	87/07/20	88/07/01
9100018	F015	TV5791	317F	13	8821	87/07/17	88/07/01
9100018	F015	TV5792	317F	13	8830	87/07/16	88/07/01
9100018	F015	TV5793	317F	13	8872	87/07/16	88/07/01
9100018	F015	TV5794	317F	14	9500	88/07/14	89/08/01
9100018	F015	TV5795	317F	14	9498	88/07/14	89/08/01
9100018	F015	TV5796	317F	14	9498	88/07/14	89/08/01
9100018	F015	TV5797	317F	14	9498	88/07/14	89/08/01
9100018	F015	TV5798	317F	14	9500	88/07/14	89/08/01
9100018	F015	TV5799	317F	14	9512	88/07/14	89/08/01
9100018	F015	TV5800	317F	14	9301	88/07/20	89/08/01
9100018	F015	TV5801	317F	13	8884	88/07/18	89/07/01
9100018	F015	TV5802	317F	14	9418	88/07/18	89/08/01
9100018	F015	TV5803	317F	9	6265	89/08/13	90/04/01
9100018	F015	TV5804	317F	8	5483	89/08/13	90/03/01
9100018	F015	TV5805	317F	8	5295	89/08/13	90/03/01
9100018	F015	TV5806	317F	9	5761	89/08/11	90/04/01
9100018	F015	TV5807	317F	9	5590	89/08/15	90/04/01
9100018	F015	TV5808	317F	8	5452	89/08/15	90/03/01
9100018	F015	TV5809	317F	9	5695	89/08/14	90/04/01
9100018	F015	TV5810	317F	8	5496	89/08/14	90/03/01
9100018	F015	TV5811	317F	9	5630	89/08/14	90/04/01
9100018	F015	TV5812	317F	9	6103	89/08/14	90/04/01

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