

03/27/90

TO: E/OC12 - Douglas Hamilton

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Current Meters

(F015)

Acc: 8900285 Ref: TV4857 - TV4916 60 sta. 411,940 rec.

Univ. of Alaska

cc: Division Director

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900285	TV4857	F015		31I7	317F	ISH-10	07/07/85	10/02/85	1	6,267
8900285	TV4858	F015		31I7	317F	ISH-10	07/07/85	10/02/85	1	6,254
8900285	TV4859	F015		31I7	317F	ISH-10	07/06/86	09/21/86	1	7,339
8900285	TV4860	F015		31I7	317F	ISH-10	07/06/86	09/21/86	1	7,325
8900285	TV4861	F015		31I7	317F	ISH-12	07/06/86	09/25/86	1	7,804
8900285	TV4862	F015		31I7	317F	ISH-13	07/06/86	09/20/86	1	7,313
8900285	TV4863	F015		31I7	317F	ISH-13	07/06/86	09/20/86	1	7,316
8900285	TV4864	F015		31I7	317F	ISH-14	07/07/86	09/24/86	1	7,513
8900285	TV4865	F015		31I7	317F	ISH-14	09/24/86	07/13/87	1	7,046
8900285	TV4866	F015		31I7	317F	ISH-14	06/24/88	10/09/88	1	7,709
8900285	TV4867	F015		31I7	317F	ISH-15	07/08/86	09/23/86	1	7,446
8900285	TV4868	F015		31I7	317F	ISH-16	07/06/86	09/21/86	1	7,361
8900285	TV4869	F015		31I7	317F	ISH-16	09/24/86	07/12/87	1	6,984
8900285	TV4870	F015		31I7	317F	ISH-17	07/08/87	10/18/87	1	7,382
8900285	TV4871	F015		31I7	317F	ISH-17	07/08/87	10/18/87	1	7,369
8900285	TV4872	F015		31I7	317F	ISH-18	07/09/87	10/19/87	1	7,359
8900285	TV4873	F015		31I7	317F	ISH-18	07/09/87	10/19/87	1	7,346
8900285	TV4874	F015		31I7	317F	ISH-18	06/20/88	10/02/88	1	7,539
8900285	TV4875	F015		31I7	317F	ISH-18	06/20/88	10/02/88	1	7,526
8900285	TV4876	F015		31I7	317F	ISH-19	07/09/87	10/20/87	1	7,459
8900285	TV4877	F015		31I7	317F	ISH-19	07/09/87	10/20/87	1	7,446
8900285	TV4878	F015		31I7	317F	ISH-1A	07/04/85	09/25/85	1	5,995
8900285	TV4879	F015		31I7	317F	ISH-20	07/12/87	10/20/87	1	7,259
8900285	TV4880	F015		31I7	317F	ISH-20	07/12/87	10/20/87	1	7,246
8900285	TV4881	F015		31I7	317F	ISH-20	10/28/87	06/20/88	1	5,697
8900285	TV4882	F015		31I7	317F	ISH-20	06/20/88	10/06/88	1	7,781
8900285	TV4883	F015		31I7	317F	ISH-20	06/21/88	10/06/88	1	7,767
8900285	TV4884	F015		31I7	317F	ISH-21	07/13/87	10/26/87	1	7,568
8900285	TV4885	F015		31I7	317F	ISH-21	07/13/87	10/25/87	1	7,554
8900285	TV4886	F015		31I7	317F	ISH-21	06/22/88	10/07/88	1	7,721
8900285	TV4887	F015		31I7	317F	ISH-21	06/22/88	10/07/88	1	7,708
8900285	TV4888	F015		31I7	317F	ISH-22	07/15/87	10/26/87	1	7,449
8900285	TV4889	F015		31I7	317F	ISH-22	07/15/87	10/26/87	1	7,436
8900285	TV4890	F015		31I7	317F	ISH-23	06/14/88	10/05/88	1	8,183
8900285	TV4891	F015		31I7	317F	ISH-23	06/14/88	10/05/88	1	8,170
8900285	TV4892	F015		31I7	317F	ISH-2A	07/05/85	08/14/85	1	2,928
8900285	TV4893	F015		31I7	317F	ISH-3A	07/05/85	09/27/85	1	6,109
8900285	TV4894	F015		31I7	317F	ISH-3B	07/04/86	08/26/86	1	5,079
8900285	TV4895	F015		31I7	317F	ISH-3B	07/04/86	09/18/86	1	7,317
8900285	TV4896	F015		31I7	317F	ISH-3C	07/10/87	10/18/87	1	7,154
8900285	TV4897	F015		31I7	317F	ISH-3C	07/10/87	10/18/87	1	7,141
8900285	TV4898	F015		31I7	317F	ISH-7A	07/06/85	09/30/85	1	6,210
8900285	TV4899	F015		31I7	317F	ISH-7A	07/06/85	09/30/85	1	6,197
8900285	TV4900	F015		31I7	317F	ISH-4A	07/05/85	09/27/85	1	6,107
8900285	TV4901	F015		31I7	317F	ISH-4A	07/05/85	09/27/85	1	6,094
8900285	TV4902	F015		31I7	317F	ISH-5A	07/07/85	09/28/85	1	6,036
8900285	TV4903	F015		31I7	317F	ISH-8B	07/05/86	09/20/86	1	7,420
8900285	TV4904	F015		31I7	317F	ISH-3D	06/14/88	10/04/88	1	8,079
8900285	TV4905	F015		31I7	317F	ISH-7B	07/05/86	09/19/86	1	7,370
8900285	TV4906	F015		31I7	317F	ISH-7B	07/05/86	09/19/86	1	7,356
8900285	TV4907	F015		31I7	317F	ISH-7C	07/08/87	10/19/87	1	7,481

00285	TV4908	F015	31I7	317F	ISH-7C	07/08/87	10/19/87	1	7,468
00285	TV4909	F015	31I7	317F	ISH-7D	06/19/88	07/23/88	1	2,495
8900285	TV4910	F015	31I7	317F	ISH-7D	06/19/88	07/30/88	1	2,989
8900285	TV4911	F015	31I7	317F	ISH-8A	07/07/85	10/01/85	1	6,223
8900285	TV4912	F015	31I7	317F	ISH-6A	07/07/85	09/28/85	1	6,048
8900285	TV4913	F015	31I7	317F	ISH-8C	07/08/87	10/20/87	1	7,440
8900285	TV4914	F015	31I7	317F	ISH-8D	06/20/88	10/03/88	1	7,575
8900285	TV4915	F015	31I7	317F	ISH-8D	06/20/88	08/28/88	1	4,982
8900285	TV4916	F015	31I7	317F	ISH-9A	07/09/85	10/03/85	1	6,005

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0. 8900285

FILETYPE _____

TRACK NO. _____

PROJECT IDENTIFICATION _____

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
	11/24/89	CMH	A01010	39	60	12000	412,080
TAPE	12/07/89	CMH	W10469	39	60	12000	412,080
TAPE	3/23/90	R.P.S.	W11894 **				
DISK							
REK							
REK							
022							
FINALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR: *Tape W10469 is 9 TRK, 16000bpi, NL*

** LABEL: *D NODC * ISHOUT.*

412,000 records

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

03/27/90

TO: E/OC12 - Douglas Hamilton

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Current Meters

(F015)

Acc: 8900285 Ref: TV4857 - TV4916 60 sta. 411,940 rec.

Univ. of Alaska

cc: Division Director

USER NAME: Cliff Hartley PHONE # 673-5636 ORG/TASK # EG12008N3AH9 DATE SUBMITTED 12/05/89 DATE USE ASAP Q.IN # 09

ENVIRONMENT TO BE USED AND FUNCTION TO BE PERFORMED

copy to a 'W' tape
 Please scan 'W' tape

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

TAPE/DISKETTE INFORMATION

TAPE #/DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
<u>A01010</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>FB</u>	<u>60</u>	<u>12000</u>	<u>39</u>
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF			DATA SET NAME				PURGE DATE
OTHER(SPECIFY)									
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			DATA SET NAME				PURGE DATE
OTHER(SPECIFY)									
<u>W10449</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>FB</u>	<u>60</u>	<u>12000</u>	<u>39</u>
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF			DATA SET NAME				PURGE DATE
OTHER(SPECIFY)									

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

FOR USER USE ONLY

DATE COMPLETED	JOB START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<u>11/07/89</u>	<u>13:45</u>	<u>14:00</u>	<u>C</u>	<u>COMPLETED BY J.S</u>

11/07/89

ADP FACILITIES REQUEST FORM

USER NAME <i>Cliff Hartley</i>	PHONE # <i>673-5636</i>	ORG/TASK # <i>EG1200 EN3AH9</i>	DATE SUBMITTED <i>11/24/89</i>	DATE DUE <i>ASAP</i>	BIN # <i>09</i>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

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	<i>A01010</i>		<i>9</i>	<i>1600</i>				<i>60</i>	<i>12000</i>	<i>39</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
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
	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

Please return tape A01010 to Bin 09.

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
<i>89112402</i>	<i>11/24/89</i>	<i>07:40</i>	<i>08:00</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

COMMENTS

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO NODC 1825 Connecticut Ave NW Washington DC 20235	REFER TO ISHTAR CURRENT METER
	ATTENTION Francis Mitchell

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

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

Enclosed is a nine track tape 1600 BPI of current meter data from IMS. The sponsor is NSF and the project is the ISHTAR project in the Bering and Chukchi Sea.

39 files on the tape.

See station stat sheet attached.
DDF attached also.



8900285
A01010

FORWARDED BY (Signature) Michael Crane <i>Michael Crane</i>	TITLE RCRO Alaska	DATE FORWARDED 11/1/89
RECEIVED BY (Signature) <i>Francis Mitchell</i>	TITLE	DATE RECEIVED

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

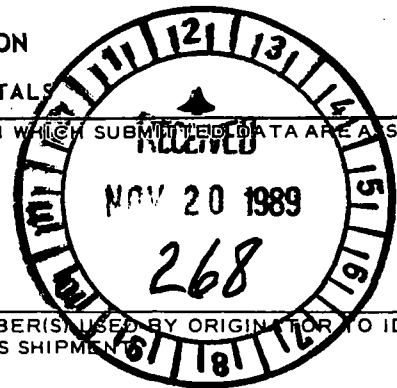
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R2651

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

UNIVERSITY OF ALASKA
INSTITUTE OF MARINE SCIENCE
O'NEILL BUILDING
905 KOYUKUK AVENUE NORTH
FAIRBANKS ALASKA 99701

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

ISHTAR
NSF DDP 8405286

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

VARIOUS

4. PLATFORM NAME(S)

N/A

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

CURRENT METER
MOORING

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM OPERATOR

USA

USA

7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR

06/85

10/88

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)?

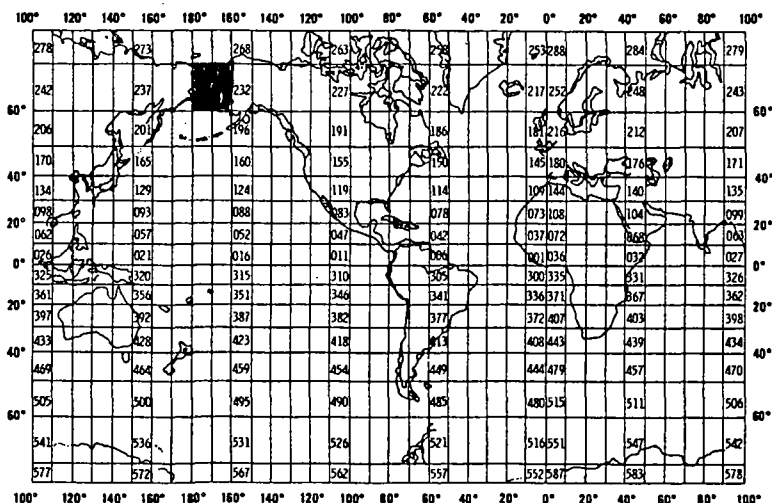
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

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)

DATA MANAGEMENT C/O

907-474-7833
907-474-7836



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
<p>CURRENT SPEED</p> <p>DIRECTION</p> <p>TEMPERATURE</p> <p>SALINITY</p> <p>DEPTH</p>	<p>CM/SEC</p> <p>degrees T (includes declination of degrees)</p> <p>Degrees C</p> <p>0/00</p> <p>Meters</p>	<p>RCM-4 Aanderaa Current Meters</p>	<p>N/A</p>	<p>Conductivity to salinity conversion equations attached to DDF</p> <p>-----</p> <p>Data are wild point edited only. No attempt has been made to correct S,T or D to STD casts.</p> <p>-----</p> <p>Expect good precision. Accuracy not checked in field.</p>

C. DATA FORMAT

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

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

THREE RECORD TYPES EITHIN FILE TYPE-15

Designated by byte 10:

"1" for Text Record
"2" for Master Record
"4" for Detail Record

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER DATA MANAGEMENT (907) 474-7836/474-7833
 ADDRESS INSTITUTE OF MARINE SCIENCE, UNIV. OF ALASKA, FAIRBANKS, AK. 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 5 inch</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> octal 17 32</p>
<p>7. PARITY</p> <p><input checked="" 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)</p> <p style="text-align: center;">ISHTAR CM DATA 1985-1988 R. TRIPP BERING & CHUKCHI SEA 9TRK, 1600 BPI, ASCII, NLAB, ODD</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">200 50-60 bytes/block (3000 per bk)</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8 bits/byte</p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<p>FILE TYPE "15" AS DESIGNATED BY OSCEAP AND NODC. THERE ARE NO DEVIATIONS FROM THIS TYPE, EXCEPT:</p> <p>1. col 45-49 depth in meters (15 to 1/10ths)</p> <p>2. col 50-53 salinity in 0/00 (14 to 1/100ths)</p>					

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 RCMA _s	UNKNOWN *								

* UNIVERSITY OF WASHINGTON EQUIPMENTS; NO CALIBRATION INFORMATION IS AVAILABLE,

015 UAFIMS 412080 RECORDS 60 STATIONS DATES 850704 THRU 881004
TOTAL RECORDS= 412080

*in 39 separate files
on tape!*



Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8900285	F015	TV4857	9999	31I7	317F	1985/07/07	ISH-10	189401
8900285	F015	TV4858	9999	31I7	317F	1985/07/07	ISH-10	189402
8900285	F015	TV4859	9999	31I7	317F	1986/07/06	ISH-10	189403
8900285	F015	TV4860	9999	31I7	317F	1986/07/06	ISH-10	189404
8900285	F015	TV4861	9999	31I7	317F	1986/07/06	ISH-12	189405
8900285	F015	TV4862	9999	31I7	317F	1986/07/06	ISH-13	189406
8900285	F015	TV4863	9999	31I7	317F	1986/07/06	ISH-13	189407
8900285	F015	TV4864	9999	31I7	317F	1986/07/07	ISH-14	189408
8900285	F015	TV4865	9999	31I7	317F	1986/09/24	ISH-14	189409
8900285	F015	TV4866	9999	31I7	317F	1988/06/24	ISH-14	189410
8900285	F015	TV4867	9999	31I7	317F	1986/07/08	ISH-15	189411
8900285	F015	TV4868	9999	31I7	317F	1986/07/06	ISH-16	189412
8900285	F015	TV4869	9999	31I7	317F	1986/09/24	ISH-16	189413
8900285	F015	TV4870	9999	31I7	317F	1987/07/08	ISH-17	189414
8900285	F015	TV4871	9999	31I7	317F	1987/07/08	ISH-17	189415
8900285	F015	TV4872	9999	31I7	317F	1987/07/09	ISH-18	189416
8900285	F015	TV4873	9999	31I7	317F	1987/07/09	ISH-18	189417
8900285	F015	TV4874	9999	31I7	317F	1988/06/20	ISH-18	189418
8900285	F015	TV4875	9999	31I7	317F	1988/06/20	ISH-18	189419
8900285	F015	TV4876	9999	31I7	317F	1987/07/09	ISH-19	189420
8900285	F015	TV4877	9999	31I7	317F	1987/07/09	ISH-19	189421
8900285	F015	TV4878	9999	31I7	317F	1985/07/04	ISH-1A	189422
8900285	F015	TV4879	9999	31I7	317F	1987/07/12	ISH-20	189423
8900285	F015	TV4880	9999	31I7	317F	1987/07/12	ISH-20	189424
8900285	F015	TV4881	9999	31I7	317F	1987/10/28	ISH-20	189425
8900285	F015	TV4882	9999	31I7	317F	1988/06/20	ISH-20	189426
8900285	F015	TV4883	9999	31I7	317F	1988/06/21	ISH-20	189427
8900285	F015	TV4884	9999	31I7	317F	1987/07/13	ISH-21	189428
8900285	F015	TV4885	9999	31I7	317F	1987/07/13	ISH-21	189429
8900285	F015	TV4886	9999	31I7	317F	1988/06/22	ISH-21	189430
8900285	F015	TV4887	9999	31I7	317F	1988/06/22	ISH-21	189431
8900285	F015	TV4888	9999	31I7	317F	1987/07/15	ISH-22	189432
8900285	F015	TV4889	9999	31I7	317F	1987/07/15	ISH-22	189433
8900285	F015	TV4890	9999	31I7	317F	1988/06/14	ISH-23	189434
8900285	F015	TV4891	9999	31I7	317F	1988/06/14	ISH-23	189435
8900285	F015	TV4892	9999	31I7	317F	1985/07/05	ISH-2A	189436
8900285	F015	TV4893	9999	31I7	317F	1985/07/05	ISH-3A	189437
8900285	F015	TV4894	9999	31I7	317F	1986/07/04	ISH-3B	189438
8900285	F015	TV4895	9999	31I7	317F	1986/07/04	ISH-3B	189439
8900285	F015	TV4896	9999	31I7	317F	1987/07/10	ISH-3C	189440
8900285	F015	TV4897	9999	31I7	317F	1987/07/10	ISH-3C	189441
8900285	F015	TV4898	9999	31I7	317F	1985/07/06	ISH-7A	189442
8900285	F015	TV4899	9999	31I7	317F	1985/07/06	ISH-7A	189443
8900285	F015	TV4900	9999	31I7	317F	1985/07/05	ISH-4A	189444
8900285	F015	TV4901	9999	31I7	317F	1985/07/05	ISH-4A	189445
8900285	F015	TV4902	9999	31I7	317F	1985/07/07	ISH-5A	189446
8900285	F015	TV4903	9999	31I7	317F	1986/07/05	ISH-8B	189447
8900285	F015	TV4904	9999	31I7	317F	1988/06/14	ISH-3D	189448
8900285	F015	TV4905	9999	31I7	317F	1986/07/05	ISH-7B	189449
8900285	F015	TV4906	9999	31I7	317F	1986/07/05	ISH-7B	189450
8900285	F015	TV4907	9999	31I7	317F	1987/07/08	ISH-7C	189451
8900285	F015	TV4908	9999	31I7	317F	1987/07/08	ISH-7C	189452
8900285	F015	TV4909	9999	31I7	317F	1988/06/19	ISH-7D	189453
8900285	F015	TV4910	9999	31I7	317F	1988/06/19	ISH-7D	189454
8900285	F015	TV4911	9999	31I7	317F	1985/07/07	ISH-8A	189455
8900285	F015	TV4912	9999	31I7	317F	1985/07/07	ISH-6A	189456

8900285	F015	TV4913	9999	31I7	317F	1987/07/08	ISH-8C	189457
8900285	F015	TV4914	9999	31I7	317F	1988/06/20	ISH-8D	189458
8900285	F015	TV4915	9999	31I7	317F	1988/06/20	ISH-8D	189459
8900285	F015	TV4916	9999	31I7	317F	1985/07/09	ISH-9A	189460

(60 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8900285	F015	TV4857	317F	4	6267	85/07/07	85/10/01
8900285	F015	TV4858	317F	4	6254	85/07/07	85/10/01
8900285	F015	TV4859	317F	3	7339	86/07/06	86/09/01
8900285	F015	TV4860	317F	3	7325	86/07/06	86/09/01
8900285	F015	TV4861	317F	3	7804	86/07/06	86/09/01
8900285	F015	TV4862	317F	3	7313	86/07/06	86/09/01
8900285	F015	TV4863	317F	3	7316	86/07/06	86/09/01
8900285	F015	TV4864	317F	3	7513	86/07/07	86/09/01
8900285	F015	TV4865	317F	11	7046	86/09/24	87/07/01
8900285	F015	TV4866	317F	5	7709	88/06/24	88/10/01
8900285	F015	TV4867	317F	3	7446	86/07/08	86/09/01
8900285	F015	TV4868	317F	3	7361	86/07/06	86/09/01
8900285	F015	TV4869	317F	11	6984	86/09/24	87/07/01
8900285	F015	TV4870	317F	4	7382	87/07/08	87/10/01
8900285	F015	TV4871	317F	4	7369	87/07/08	87/10/01
8900285	F015	TV4872	317F	4	7359	87/07/09	87/10/01
8900285	F015	TV4873	317F	4	7346	87/07/09	87/10/01
8900285	F015	TV4874	317F	5	7539	88/06/20	88/10/01
8900285	F015	TV4875	317F	5	7526	88/06/20	88/10/01
8900285	F015	TV4876	317F	4	7459	87/07/09	87/10/01
8900285	F015	TV4877	317F	4	7446	87/07/09	87/10/01
8900285	F015	TV4878	317F	3	5995	85/07/04	85/09/01
8900285	F015	TV4879	317F	4	7259	87/07/12	87/10/01
8900285	F015	TV4880	317F	4	7246	87/07/12	87/10/01
8900285	F015	TV4881	317F	9	5697	87/10/28	88/06/01
8900285	F015	TV4882	317F	5	7781	88/06/20	88/10/01
8900285	F015	TV4883	317F	5	7767	88/06/21	88/10/01
8900285	F015	TV4884	317F	4	7568	87/07/13	87/10/01
8900285	F015	TV4885	317F	4	7554	87/07/13	87/10/01
8900285	F015	TV4886	317F	5	7721	88/06/22	88/10/01
8900285	F015	TV4887	317F	5	7708	88/06/22	88/10/01
8900285	F015	TV4888	317F	4	7449	87/07/15	87/10/01
8900285	F015	TV4889	317F	4	7436	87/07/15	87/10/01
8900285	F015	TV4890	317F	5	8183	88/06/14	88/10/01
8900285	F015	TV4891	317F	5	8170	88/06/14	88/10/01
8900285	F015	TV4892	317F	2	2928	85/07/05	85/08/01
8900285	F015	TV4893	317F	3	6109	85/07/05	85/09/01
8900285	F015	TV4894	317F	2	5079	86/07/04	86/08/01
8900285	F015	TV4895	317F	3	7317	86/07/04	86/09/01
8900285	F015	TV4896	317F	4	7154	87/07/10	87/10/01
8900285	F015	TV4897	317F	4	7141	87/07/10	87/10/01
8900285	F015	TV4898	317F	3	6210	85/07/06	85/09/01
8900285	F015	TV4899	317F	3	6197	85/07/06	85/09/01
8900285	F015	TV4900	317F	3	6107	85/07/05	85/09/01
8900285	F015	TV4901	317F	3	6094	85/07/05	85/09/01
8900285	F015	TV4902	317F	3	6036	85/07/07	85/09/01
8900285	F015	TV4903	317F	3	7420	86/07/05	86/09/01
8900285	F015	TV4904	317F	5	8079	88/06/14	88/10/01
8900285	F015	TV4905	317F	3	7370	86/07/05	86/09/01
8900285	F015	TV4906	317F	3	7356	86/07/05	86/09/01
8900285	F015	TV4907	317F	4	7481	87/07/08	87/10/01
8900285	F015	TV4908	317F	4	7468	87/07/08	87/10/01
8900285	F015	TV4909	317F	2	2495	88/06/19	88/07/01
8900285	F015	TV4910	317F	2	2989	88/06/19	88/07/01
8900285	F015	TV4911	317F	4	6223	85/07/07	85/10/01
8900285	F015	TV4912	317F	3	6048	85/07/07	85/09/01

8900285	F015	TV4913	317F	4	7440	87/07/08	87/10/01
8900285	F015	TV4914	317F	5	7575	88/06/20	88/10/01
8900285	F015	TV4915	317F	3	4982	88/06/20	88/08/01
8900285	F015	TV4916	317F	4	6005	85/07/09	85/10/01

(60 rows affected)