

04/11/90

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: 8800237 Ref: TV4665 - TV4667 3 sta. 15,264 rec.

Univ. of Alaska
~~██████████~~

cc: Division Director

Unique No.: 191482

Date of Entry: 04/11/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8800237 Reference No.: TV4665
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape
Exchange Format: E015 - Eulerian Currents (F015)
Processing Format: F015 - Eulerian Currents - Vectors

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7 Country/Platform Code: 317F
Platform Type (DINDB): 03 - Buoy Orig. Cruise ID: 6354
Cruise Start Date: 04/28/88 Project Code:
Cruise End Date: 05/15/88 Data Use Code (DUC): 3

Number of Stations: 1 Number of Records: 5,112

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 55 Meaning: Bering Sea
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 191483

Date of Entry: 04/11/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8800237 Reference No.: TV4666
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape
Exchange Format: E015 - Eulerian Currents (F015)
Processing Format: F015 - Eulerian Currents - Vectors

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7 Country/Platform Code: 317F
Platform Type (DINDB): 03 - Buoy Orig. Cruise ID: 6355
Cruise Start Date: 04/28/88 Project Code:
Cruise End Date: 05/15/88 Data Use Code (DUC): 3

Number of Stations: 1 Number of Records: 5,052

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 55 Meaning: Bering Sea
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 191484

Date of Entry: 04/11/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8800237 Reference No.: TV4667
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape
Exchange Format: E015 - Eulerian Currents (F015)
Processing Format: F015 - Eulerian Currents - Vectors

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7 Country/Platform Code: 317F
Platform Type (DINDB): 03 - Buoy Orig. Cruise ID: 4955
Cruise Start Date: 04/28/88 Project Code: ~~0000~~
Cruise End Date: 05/15/88 Data Use Code (DUC): 3

Number of Stations: 1 Number of Records: 5,101

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 55 Meaning: Bering Sea
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

SIGN NO. 0236 FILETYPE FO15 TRACK NO. TV4665-7 PROJECT IDENTIFICATION FO15

8800237

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	UNIV RECL	AK, IMS BLK SIZE	NO. RECORDS
TAPE	9/8/88	Ryt	A00789	5	VAR	3000	100,000
DATE TAPE	9/13/88	Ryt	W.03318	5	VAR	3000	100,000
UNRECORDED TAPE							
UNRECORDED DISK							
MULCHK							
MULCHK							
OR F022							
SET FINALIZED							

AS REPORTED TO PRINCIPAL INVESTIGATOR:

W tape is non-labelled, 1600 BPI, 9 TRK
FO15, F022 data

15,264

~~FILES ARE IN OTHER BANDS~~
~~FILE 1 IS FOR CURRENT METER DATA~~
~~FILES 2-7 ARE REIDENTIFIED FROM DATA~~

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

~~FILE 1~~ ONLY FILE ONE
IS Current Meter

DF015P

REMARKS (TRACKS DELETED, FIELDS DELETED, ETC.)

~~cc: Division Director~~

NO DDF RECEIVED
FROM M. CRANE
FOR THE FOIS DATA

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

TO: NODC E/OC13
1825 Connecticut Ave NW
Washington DC 20235

REFER TO
IMS HX114
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 9 track tape of marine data from the Institute of Marine Science in Fairbanks AK.

The inventory list is attached.

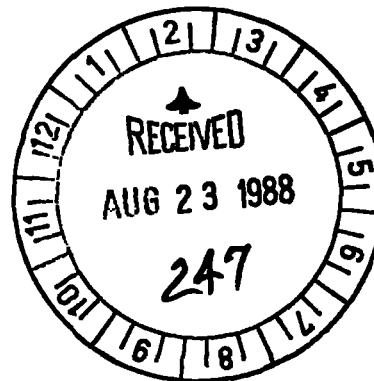
8800236 = FO15 }
8800237 = FO22 }
FOO789
W03318



FORWARDED BY (Signature) Michael L Crane <i>M.L.C.</i>	TITLE Liaison Officer for Alaska	DATE FORWARDED 8-19-88
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

022 TT213 1569 RECORDS 154 STATIONS DATES 870721 THRU 870810
022 TT214 1598 RECORDS 156 STATIONS DATES 870814 THRU 870829
022 HX108 14604 RECORDS 76 STATIONS DATES 871130 THRU 871215
02 HX114 24940 RECORDS 132 STATIONS DATES 880616 THRU 880629
TOTAL RECORDS= 42711

015 HX112 15311 RECORDS 3 STATIONS DATES 880428 THRU 880515
TOTAL RECORDS= 15311



NAME: BURROWS PHONE #: 673-5636 ORG/TASK #: EG1308N305 ^{AH9}
 DATE SUBMITTED: 9/9/88 DATE DUE: ASAP BIN #: 11

INTENT TO BE USED AND FUNCTION TO BE PERFORMED

copy to 'W' TAPE, SCAN 'W' TAPE

INPUT MEDIUM: PAPER CARD DISK TAPE
 DISKETTE OTHER(SPECIFY) _____

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

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
INPUT	<u>A00789</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>VAR</u>	<u>VAR</u>	<u>3000</u>	<u>5</u>	
	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	<u>WR3318</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>VAR</u>	<u>VAR</u>	<u>3000</u>	<u>5</u>	
	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

SPECIAL INSTRUCTIONS

Please send 'W' Tape to Asheville, NC

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>4945</u>	<u>9/13/88</u>	<u>08:34</u>	<u>08:55</u>	<u>C</u>	<u>COMPLETED BY J.S.</u>

USER NAME: *Pratt's* PHONE #: *673-5611* ORG/TASK #: *E 41351 31.3.810 9* DATE SUBMITTED: *9/7/88* DATE DJE: *9541* BIN #: *11*

PERMIT TO BE USED AND FUNCTION TO BE PERFORMED

Please scan Tapes

*Bin 11
8800739*

INPUT MEDIUM: ~~PAPER~~ ~~CARD~~ ~~DISK~~ TAPE ~~DISKETTE~~ ~~OTHER(SPECIFY)~~

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

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>AC0789</i>		<i>4</i>	<i>1600</i>					<i>3φφφ</i>	<i>5</i>
INPUT	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
OUTPUT	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

SPECIAL INSTRUCTIONS: *Please return tape AC0789 to Bin 11*

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>8090702</i>	<i>09/07/88</i>	<i>11:25</i>	<i>11:44</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

Unique No.: 191492

Date of Entry: 04/12/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8800237 Reference No.: 319906
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape
Exchange Format: E001 - Low Resolution STD
Processing Format: C022 - Low Resolution STD (SD2 Format)

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7 Country/Platform Code: 31HX
Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TV4671
Cruise Start Date: 06/16/88 Project Code:
Cruise End Date: 06/29/88 Data Use Code (DUC): 3

Number of Stations: 132 Number of Records: 24,941

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 58 Meaning: Gulf of Alaska
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 191491

Date of Entry: 04/12/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8800237 Reference No.: 319905
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape

Exchange Format: E001 - Low Resolution STD

Processing Format: C022 - Low Resolution STD (SD2 Format)

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7

Country/Platform Code: 31HX

Platform Type (DINDB): 09 - Ship

Orig. Cruise ID: TV4670

Cruise Start Date: 11/30/87

Project Code:

Cruise End Date: 12/15/87

Data Use Code (DUC): 3

Number of Stations: 76

Number of Records: 14,605

If stations/records not appropriate then:

Number:

Units:

Ocean Area:

Code 1: 58 Meaning: Gulf of Alaska

Code 2: Meaning:

Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 191490

Date of Entry: 04/12/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8800237 Reference No.: 319904
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape
Exchange Format: E001 - Low Resolution STD
Processing Format: C022 - Low Resolution STD (SD2 Format)

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7 Country/Platform Code: 31TT
Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TV4669
Cruise Start Date: 08/14/87 Project Code:
Cruise End Date: 08/29/87 Data Use Code (DUC): 3

Number of Stations: 156 Number of Records: 1,599

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 12 Meaning: Chukchi Sea
Code 2: 55 Meaning: Bering Sea
Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 191489

Date of Entry: 04/12/90

**DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)**

Accession No.: 8800237 Reference No.: 319903
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape
Exchange Format: E001 - Low Resolution STD
Processing Format: C022 - Low Resolution STD (SD2 Format)

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7 Country/Platform Code: 31TT
Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TV4668
Cruise Start Date: 07/21/87 Project Code:
Cruise End Date: 08/10/87 Data Use Code (DUC): 3

Number of Stations: 154 Number of Records: 1,570

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 12 Meaning: Chukchi Sea
Code 2: 55 Meaning: Bering Sea
Code 3: Meaning:

DINDB Transaction Date:

Duplicate Data

319903 - 319905

SION NO. 5

0236

FILETYPE _____

TRAIL .0. _____

PROJECT IDENTIFICATION _____

8800287

FO22

39903 -6

OCSEAP 0021

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	UNIV LRECL	AK, IMS BLK SIZE	NO. RECORDS
TAPE	<u>9/8/88</u>	<u>Ryt</u>	<u>A00789</u>	<u>5</u>	<u>VAR</u>	<u>3000</u>	<u>100,000</u>
DATE TAPE	<u>9/13/88</u>	<u>Ryt</u>	<u>W03318</u>	<u>5</u>	<u>VAR</u>	<u>3000</u>	<u>100,000</u>
WAPPED TAPE	<u>4-11-90</u>	<u>R.P.S.</u>	<u>W04466</u>	<u>1</u>	<u>120</u>	<u>12000</u>	<u>42,715</u>
WAPPED DISK							
MULCHK							
MULCHK							
OR FO22							
SET FINALIZED							

AS REPORTED TO PRINCIPAL INVESTIGATOR:

'W' tape is non-labeled, 16,000 BPI, 9 TRK

FO15, FO22 data

~~FILES 1-3 ARE IN OTHER FOLDERS~~

~~FILE 1 IS FOR CURRENT MASTER FO15~~

~~FILES 2-4 ARE RESUBMITTED FROM DETP~~

FILES 2-4

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

REMARKS (TRACKS DELETED, FIELDS DELETED, ETC.)

** LABEL: DNODC * AKCTDOUT *

AUG 23, 1988

HANSEN REF. #

319906

MULDARS TRACK #

TV4671

MONITOR: CONTACT

J FRANK

LOCATION OF FOZZ SOURCE

Archives (TV4671)

RECORD ALL ERRORS FOUND

CONSEC(S).

ERRORS FOUND

None

ARRROWS
 PHONE # 673-5636 ORG/TASK # EG13008N309
 DATE SUBMITTED 9/9/88 DATE DUE ASAP BIN # 11

SENT TO BE USED AND FUNCTION TO BE PERFORMED

copy to 'W' TAPE, SCAN 'W' TAPE

INPUT MEDIUM: PAPER, CARD, DISK, TAPE, DISKETTE, OTHER(SPECIFY)

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

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
A00789		9	1600	ODD	NL	VAR	VAR	3000	5	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
W223318		9	1600	ODD	NL	VAR	VAR	3000	5	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS

Please send 'W' Tapes
to Asheville, NC

ESTIMATED
EXECUTION
TIME

0731 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
000001	9/13/88	08:34	08:55	C	COMPLETED BY J.S.

USER NAME: *Rimm 5* PHONE #: *673-5677* ORG/TASK #: *641350 91.3.910 9* DATE SUBMITTED: *9/7/88* DATE DUE: *ASAP* BIN #: *11*

COMMENT TO BE USED AND FUNCTION TO BE PERFORMED

Please scan Tapes

*Bin 11
8800236*

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

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	<i>A00759</i>		<i>4</i>	<i>1600</i>					<i>3φφφ</i>	<i>5</i>	
INPUT	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	
OUTPUT	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	

SPECIAL INSTRUCTIONS

*Please return tape A00789 to
Bin 11*

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>8800236</i>	<i>9/7/88</i>	<i>11:25</i>	<i>11:40</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

RE-SUBMISSION ORIGINAL SHIPMENT MAY HAS NOT BEEN RECEIVED

DATA DOCUMENTATION FORM

8800237

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

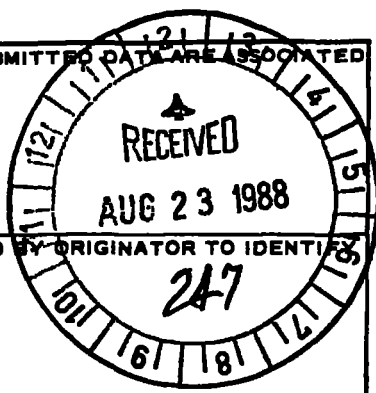
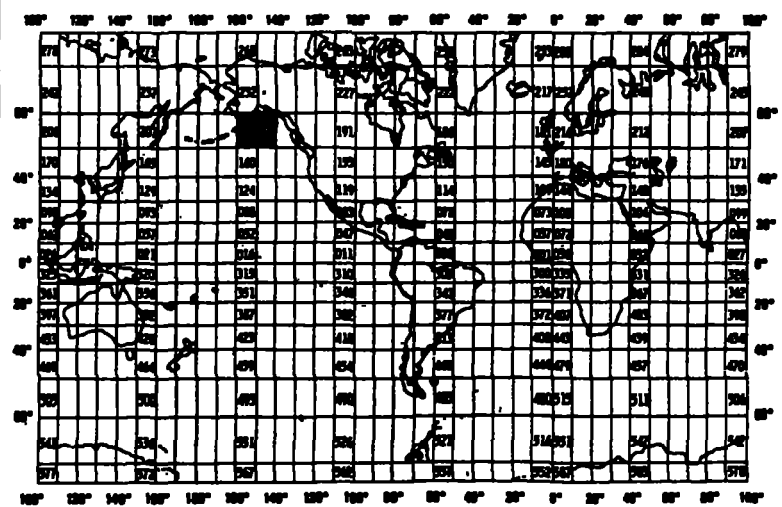
F022

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.

FILE #4

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 DATA MANAGEMENT ROOM 111 O'NEAL BUILDING FAIRBANKS, ALASKA 99701					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED G.A.R.S. OCE 8608125		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT HX108			
4. PLATFORM NAME(S) R/V ALPHA HELIX	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 11/30/87 12/13/87		
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) DATA MANAGER (907) 474-7836 (907) 474-7092					

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 WITHIN FILE TYPE 22

Designated by byte 10:

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File 22, STD/CTD: 0 to 99,999 Text records, followed by
1 Master record, followed by
0 to 99,999 Detail records
Repeats

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL	
<input checked="" type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
 NAME AND PHONE NUMBER Data Manager (907) 474-7836
 ADDRESS University of Alaska, Institute of Marine Science, Fairbanks, Alaska 99701.

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>7. PARITY</p> <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table> <p>8. DENSITY</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<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>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p> <p>10. END OF FILE MARK</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input checked="" type="checkbox"/> Octal 32</td> </tr> </table> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) <u>IMS CM AND CTD DATA</u> <u>5 FILES ON THIS TAPE</u> <u>FILE 1 - HX112 CM</u> <u>FILE 2 - TT213 STD</u> <u>FILE 3 - TT214 STD</u> <u>FILE 4 - HX108 STD</u> <u>FILE 5 - HX114 STD</u> <u>2 TRK 1160 BPI ASCII NO LAB. ODD</u></p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES <u>20 -120 bytes/block</u></p> <p>13. LENGTH OF BYTES IN BITS <u>8 bits/byte</u></p>	<input type="checkbox"/> OCTAL 17	<input checked="" type="checkbox"/> Octal 32
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY																					
<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC																					
<input type="checkbox"/> _____																						
<input type="checkbox"/> SEVEN																						
<input checked="" type="checkbox"/> NINE																						
<input type="checkbox"/> _____																						
<input checked="" type="checkbox"/> ODD																						
<input type="checkbox"/> EVEN																						
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI																					
<input type="checkbox"/> 556 BPI																						
<input type="checkbox"/> 800 BPI																						
<input type="checkbox"/> _____																						
<input type="checkbox"/> OCTAL 17																						
<input checked="" type="checkbox"/> Octal 32																						

RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD. FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(i.e., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
FILE TYPE "22" AS FROM THIS TYPE	DESIGNATED BY OCSEP AND NODC.				THERE ARE NO INTENDED DEVIATIONS

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
SALINITY	0.001 ‰	NANSEN BOTTLES & NEIL BROWN MARK IIIIB CTD/O	DESCRIPTION OF BASIC PROCESSING ATTACHED.	N/A
TEMPERATURE	°C	DSR THERMOMETERS & NEIL BROWN MARK IIIIB CTD/O	"	N/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIIB CTD/O	"	N/A

IMS STD/CTD DATA REDUCTION

JUNE 1980

STDCP

Raw 9-track magnetic tapes from the Neil Brown Mark IIIB microprofiler are input. The conductivity is converted to salinity by a relation based on the work of A. S. Bennett (DSR, Vol. 23, No. 2, February 1976).

Output of this program is on 9-track tape and includes entered header data and all STD values from the raw 9-track tape. Output from this program is input for STDAV.

STDCP PRINT OUT

- 1) Print out the type of "FISH" used.
- 2) Input from 9-track and output to 9-track is documented. (This includes all headers, end of files, and record number indicators).

CALVAL

Data values from the instrument display, taken at the time discrete samples were taken are input along with raw temperature and conductivity data from the discrete samples. Each set of such data constitute one field correction.

All of the field corrections are listed along with mean values for standard deviations for temperature and salinity. Generally, values for temperature and salinity are rejected if they fall beyond two standard deviations from the mean.

Subjective judgments as to the quality of the field correction data is made at this time.

Output from this program provides input for STDAV.

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 (✓)	
NEIL BROWN MARK III CTD/O Microprofiler	02/87 10		NRCC	✓					
NOTE: ALL STD OR CTD UNITS ARE FIELD CORRECTED BY COMPARISON WITH DISCRETE SAMPLES TO INCREASE ACCURACY OVER STANDARD LABORATORY CALIBRATION.									

DATA DOCUMENTATION FORM

~~AC00789~~

NOAA FORM 24-13 (4-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20882

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

F022

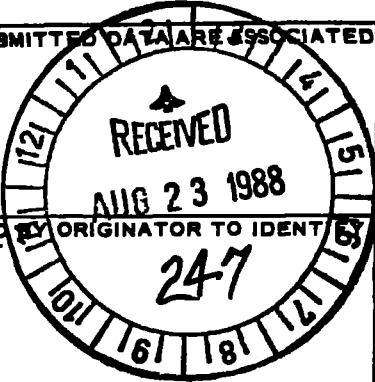
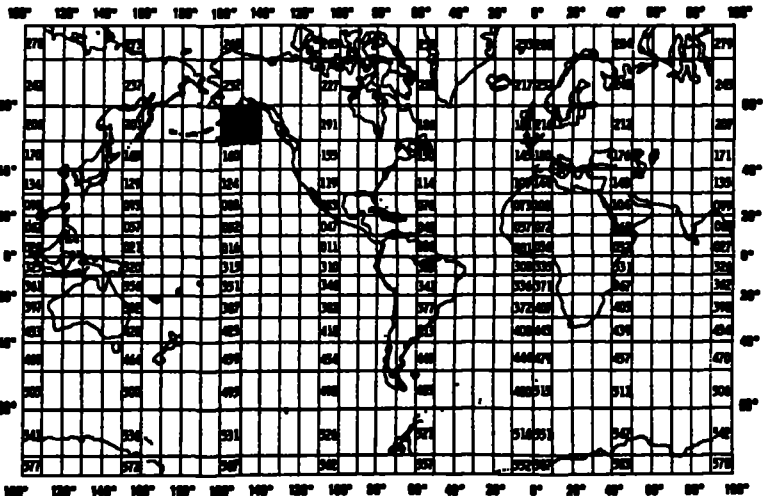
AC00789

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.

FILE #5

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 DATA MANAGEMENT ROOM 111 O'NEAL BUILDING FAIRBANKS, ALASKA 99701					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED GARS OCE 8608125		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT HX114			
4. PLATFORM NAME(S) R/V ALPHA HELIX	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 6/16/88 6/29/88		
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) DATA MANAGER (907) 474-7836 (907) 474-7092					

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 WITHIN FILE TYPE 22

Designated by byte 10:

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File 22, STD/CTD: 0 to 99,999 Text records, followed by
1 Master record, followed by
0 to 99,999 Detail records
Repeats

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL	
<input checked="" type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE	

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Manager (907) 474-7836
ADDRESS University of Alaska, Institute of Marine Science, Fairbanks, Alaska 99701.

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>	
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY							
<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC							
<input type="checkbox"/> _____								
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input checked="" type="checkbox"/> Octal 32</td> </tr> </table>	<input type="checkbox"/> OCTAL 17	<input checked="" type="checkbox"/> Octal 32		
<input type="checkbox"/> SEVEN								
<input checked="" type="checkbox"/> NINE								
<input type="checkbox"/> _____								
<input type="checkbox"/> OCTAL 17								
<input checked="" type="checkbox"/> Octal 32								
<p>7. PARITY</p> <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input checked="" type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) IMS CM AND CTD DATA 5 FILES ON THIS TAPE FILE 1 - HX112 CM FILE 2 - TT213 STD FILE 3 - TT214 STD FILE 4 - HX108 STD FILE 5 - HX114 STD 9TRK, 1600BPI, ASCII, NOLAB, ODD</p>					
<input checked="" type="checkbox"/> ODD								
<input type="checkbox"/> EVEN								
<p>8. DENSITY</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____	
<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>12. PHYSICAL BLOCK LENGTH IN BYTES 20 -120 bytes/block</p>								
<p>13. LENGTH OF BYTES IN BITS 8 bits/byte</p>								

RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD-FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	18. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
FILE TYPE "22" AS FROM THIS TYPE	DESIGNATED BY OCSEP AND NODC. THERE ARE NO INTENDED DEVIATIONS				

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
SALINITY	0.001 ‰	NANSEN BOTTLES & NEIL BROWN MARK IIIIB CTD/O	DESCRIPTION OF BASIC PROCESSING ATTACHED.	N/A
TEMPERATURE	°C	DSR THERMOMETERS & NEIL BROWN MARK IIIIB CTD/O	"	N/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIIB CTD/O	"	N/A

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

TO: NODC E/OC13
1825 Connecticut Ave NW
Washington DC 20235

REFER TO
IMS HX114
ATTENTION
Francis Mitchell

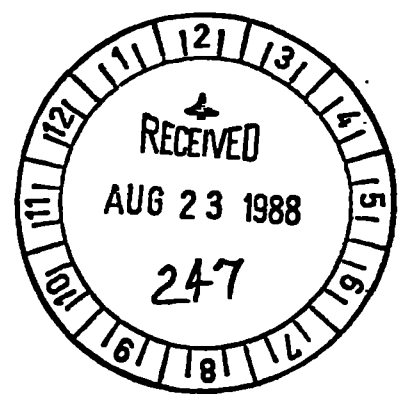
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

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

Enclosed is a 9 track tape of marine data from the Institute of Marine Science in Fairbanks AK.

The inventory list is attached.

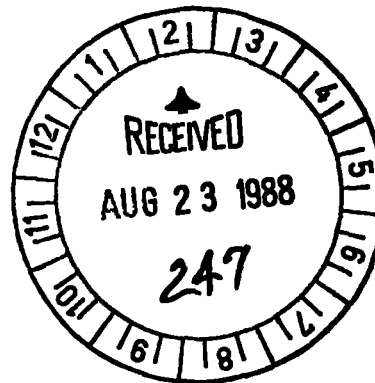
8800236 = F015 }
 8800237 = F022 }
 F00789
 W03318



FORWARDED BY (Signature) Michael L Crane <i>M.L. Crane</i>	TITLE Liaison Officer for Alaska	DATE FORWARDED 8-19-88
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

022 TT213 1569 RECORDS 154 STATIONS DATES 870721 THRU 870810
022 TT214 1598 RECORDS 156 STATIONS DATES 870814 THRU 870829
022 HX108 14604 RECORDS 76 STATIONS DATES 871130 THRU 871215
022 HX114 24940 RECORDS 132 STATIONS DATES 880616 THRU 880629
TOTAL RECORDS= 42711

015 HX112 15311 RECORDS 3 STATIONS DATES 880428 THRU 880515
TOTAL RECORDS= 15311



Unique No.: 191485

Date of Entry: 04/12/90

**DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)**

Accession No.: 8800237 Reference No.: TV4668
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape

Exchange Format: E018 - STD/CTD (F022)

Processing Format: F022 - CTD/STD

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7

Country/Platform Code: 31TT

Platform Type (DINDB): 09 - Ship

Orig. Cruise ID: TT213

Cruise Start Date: 07/21/87

Project Code:

Cruise End Date: 08/10/87

Data Use Code (DUC): 3

Number of Stations: 154

Number of Records: 1,570

If stations/records not appropriate then:

Number:

Units:

Ocean Area:

Code 1: 12 Meaning: Chukchi Sea
Code 2: 55 Meaning: Bering Sea
Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 191486

Date of Entry: 04/12/90

**DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)**

Accession No.: 8800237 Reference No.: TV4669
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape

Exchange Format: E018 - STD/CTD (F022)

Processing Format: F022 - CTD/STD

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7

Country/Platform Code: 31TT

Platform Type (DINDB): 09 - Ship

Orig. Cruise ID: TT214

Cruise Start Date: 08/14/87

Project Code:

Cruise End Date: 08/29/87

Data Use Code (DUC): 3

Number of Stations: 156

Number of Records: 1,599

If stations/records not appropriate then:

Number:

Units:

Ocean Area:

Code 1: 12 Meaning: Chukchi Sea

Code 2: 55 Meaning: Bering Sea

Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 191487

Date of Entry: 04/12/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8800237 Reference No.: TV4670
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape

Exchange Format: E018 - STD/CTD (F022)

Processing Format: F022 - CTD/STD

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7 Country/Platform Code: 31HX

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: HX-108

Cruise Start Date: 11/30/87 Project Code:

Cruise End Date: 12/15/87 Data Use Code (DUC): 3

Number of Stations: 76 Number of Records: 14,605

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 58 Meaning: Gulf of Alaska
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 191488

Date of Entry: 04/12/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8800237 Reference No.: TV4671
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape

Exchange Format: E018 - STD/CTD (F022)

Processing Format: F022 - CTD/STD

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31I7 Country/Platform Code: 31HX

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: HX-114

Cruise Start Date: 06/16/88 Project Code:

Cruise End Date: 06/29/88 Data Use Code (DUC): 3

Number of Stations: 132 Number of Records: 24,941

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 58 Meaning: Gulf of Alaska
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

MISSION NO. 8 0236

FILETYPE _____

TRACK NO. _____

PROJECT IDENTIFICATION _____

8800237

F022

TV 4668-4671

OCSEAP 0081

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	UNIV LRECL	NO. BLK SIZE	NO. RECORDS
TAPE	9/8/88	Ryt	A00789	5	VAR	3000	100,000
DATE TAPE	9/13/88	Ryt	W03318	5	VAR	3000	100,000
FORMATTED TAPE	4-11-90	R.P.S.	W04466**	1	120	12000	42,715
FORMATTED DISK							
MULCHEK	4/17/90	CBF	SEL DATA. F022 TV 4668A	1	120	12,000	42,715
MULCHEK	4/18/90	CBF	"				"
OR F022	4/18/90	CBF	F022 MARY. TV 4668A/F022	1	120		42,715
SET FINALIZED							

AS REPORTED TO PRINCIPAL INVESTIGATOR:

'W' tape is non-labelled, 1600 BPI, 9 TRK

F015, F022 data

FILES 1-3 ARE IN OTHER FOLDERS

FILE 1: ~~FOR~~ CURRENT METR F015

FILES 2-3: ARE RESUBMITTED F022 DATA

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

PUT IN PREFIXING ZERO IN ALL WIND-WAVE DIR.

DELETED ALL ZERO AIR PRESSURE, WGT BULB, AND DRY BULB TEMPS.

XX LABEL: DNODCX AKCTDOUT.

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

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

TO: NODC E/OC13 1825 Connecticut Ave NW Washington DC 20235	REFER TO IMS HX114
	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 9 track tape of marine data from the Institute of Marine Science in Fairbanks AK.

The inventory list is attached.

8800236 = F015 } F00789
8800237 = F022 } W03818



FORWARDED BY (Signature) Michael L Crane <i>M. L. Crane</i>	TITLE Liaison Officer for Alaska	DATE FORWARDED 8-19-88
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

022 TT213 1569 RECORDS 154 STATIONS DATES 870721 THRU 870810
022 TT214 1598 RECORDS 156 STATIONS DATES 870814 THRU 870829
022 HX108 14604 RECORDS 76 STATIONS DATES 871130 THRU 871215
022 HX114 24940 RECORDS 132 STATIONS DATES 880616 THRU 880629
TOTAL RECORDS= 42711

015 HX112 15311 RECORDS 3 STATIONS DATES 880428 THRU 880515
TOTAL RECORDS= 15311



USER: ARRROWS PHONE #: 673-5636 ORG/TASK #: EG13008N305 ^{A#9} DATE SUBMITTED: 9/9/88 DATE DUE: ASAP BIN #: 11

AGENT TO BE USED AND FUNCTION TO BE PERFORMED
copy to 'W' TAPE, SCAN 'W' TAPE

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

TAPE/DISKETTE INFORMATION

INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	<u>A00789</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>VAR</u>	<u>VAR</u>	<u>3000</u>	<u>5</u>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> 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	
	<u>WR3318</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>VAR</u>	<u>VAR</u>	<u>3000</u>	<u>5</u>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS: Please send 'W' Tape to Asheville, NC

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>11889967</u>	<u>9/13/88</u>	<u>08:34</u>	<u>08:55</u>	<u>C</u>	<u>COMPLETED BY J.S.</u>

TTS

USER NAME <i>Perkins</i>	PHONE # <i>673-563</i>	ORG/TASK # <i>61350 913.919</i>	DATE SUBMITTED <i>9/7/88</i>	DATE DUE <i>ASAP</i>	BIN # <i>11</i>
-----------------------------	---------------------------	------------------------------------	---------------------------------	-------------------------	--------------------

MENT TO BE USED AND FUNCTION TO BE PERFORMED

Please scan Tapes

*Bin 11
8800239*

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 INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	<i>A00789</i>		<i>9</i>	<i>1600</i>					<i>3000</i>	<i>5</i>
	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

*Please return tape A00789 to
Bin 11*

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>18090702</i>	<i>9/7/88</i>	<i>11:25</i>	<i>11:40</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

ITS

RE-SUBMISSION ORIGINAL SHIPMENT MAY HAS NOT BEEN RECEIVED

8800237

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-73)

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

F022

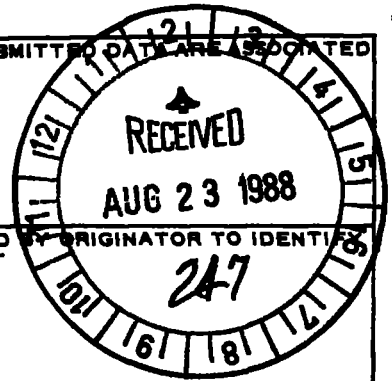
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, 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.

FILE #4

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 DATA MANAGEMENT ROOM 111 O'NEAL BUILDING FAIRBANKS, ALASKA 99701				3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT HX108		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 11/30/87 12/13/87	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED GARS OCE 8608125		4. PLATFORM NAME(S) R/V ALPHA HELIX					
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) DATA MANAGER (907) 474-7836 (907) 474-7092							



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 WITHIN FILE TYPE 22

Designated by byte 10:

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File 22, STD/CTD: 0 to 99,999 Text records, followed by
1 Master record, followed by
0 to 99,999 Detail records
Repeats

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input checked="" type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Manager (907) 474-7836
ADDRESS University of Alaska, Institute of Marine Science, Fairbanks, Alaska 99701.

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</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input checked="" type="checkbox"/> Octal 32</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 style="font-family: monospace; font-size: 1.2em;">IMS CM AND CTD DATA 5 FILES ON THIS TAPE FILE 1 - HX112 CM FILE 2 - TT213 STD FILE 3 - TT214 STD FILE 4 - HX108 STD FILE 5 - HX114 STD 2-25-1600 BPI ASCII NOLAB. ODD</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</p> <p style="text-align: center;">20 -120 bytes/block</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8 bits/byte</p>

RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

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		
FILE TYPE "22" AS FROM THIS TYPE	DESIGNATED BY OCSEP AND NODC.				THERE ARE NO INTENDED DEVIATIONS

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
SALINITY	0.001 ‰	NANSEN BOTTLES & NEIL BROWN MARK IIIB CTD/O	DESCRIPTION OF BASIC PROCESSING ATTACHED.	N/A
TEMPERATURE	°C	DSR THERMOMETERS & NEIL BROWN MARK IIIB CTD/O	"	N/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIB CTD/O	"	N/A

IMS STD/CTD DATA REDUCTION

JUNE 1980

STDCP

Raw 9-track magnetic tapes from the Neil Brown Mark IIIB microprofiler are input. The conductivity is converted to salinity by a relation based on the work of A. S. Bennett (DSR, Vol. 23, No. 2, February 1976).

Output of this program is on 9-track tape and includes entered header data and all STD values from the raw 9-track tape. Output from this program is input for STDAV.

STDCP PRINT OUT

- 1) Print out the type of "FISH" used.
- 2) Input from 9-track and output to 9-track is documented. (This includes all headers, end of files, and record number indicators).

CALVAL

Data values from the instrument display, taken at the time discrete samples were taken are input along with raw temperature and conductivity data from the discrete samples. Each set of such data constitute one field correction.

All of the field corrections are listed along with mean values for standard deviations for temperature and salinity. Generally, values for temperature and salinity are rejected if they fall beyond two standard deviations from the mean.

Subjective judgments as to the quality of the field correction data is made at this time.

Output from this program provides input for STDAV.

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 (✓)	
NEIL BROWN MARK III CTD/O Microprofiler	02/87		NRCC	✓					
NOTE: ALL STD OR CTD UNITS ARE FIELD CORRECTED BY COMPARISON WITH DISCRETE SAMPLES TO INCREASE ACCURACY OVER STANDARD LABORATORY CALIBRATION.									

DATA DOCUMENTATION FORM

~~A00789~~

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

F022

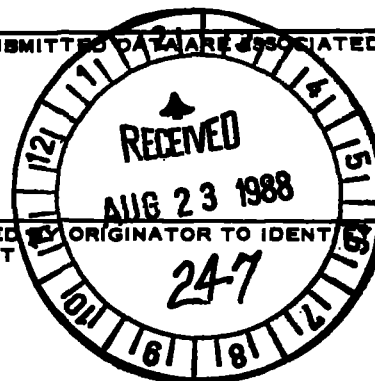
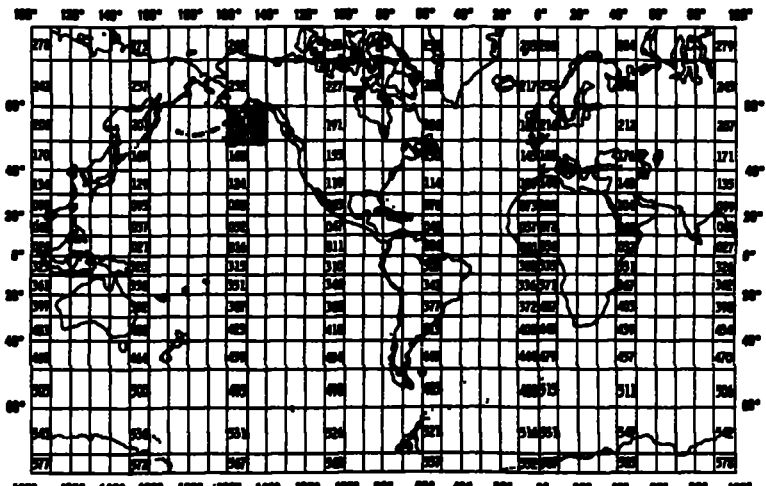
A00789

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.

FILES

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

<p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>UNIVERSITY OF ALASKA INSTITUTE OF MARINE SCIENCE DATA MANAGEMENT ROOM 111 O'NEAL BUILDING FAIRBANKS, ALASKA 99701</p>		<p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>GARS OCE 8608125</p>		<p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p>HX114</p>								
<p>4. PLATFORM NAME(S)</p> <p>R/V ALPHA HELIX</p>	<p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p>SHIP</p>	<p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <table border="1"> <tr> <th>PLATFORM</th> <th>OPERATOR</th> </tr> <tr> <td>USA</td> <td>USA</td> </tr> </table>	PLATFORM	OPERATOR	USA	USA	<p>7. DATES</p> <table border="1"> <tr> <th>FROM: MO/DAY/YR</th> <th>TO: MO/DAY/YR</th> </tr> <tr> <td>6/16/88</td> <td>6/29/88</td> </tr> </table>		FROM: MO/DAY/YR	TO: MO/DAY/YR	6/16/88	6/29/88
PLATFORM	OPERATOR											
USA	USA											
FROM: MO/DAY/YR	TO: MO/DAY/YR											
6/16/88	6/29/88											
<p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p>		<p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p>GENERAL AREA</p> 										
<p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p>		<p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>DATA MANAGER (907) 474-7836 (907) 474-7092</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 WITHIN FILE TYPE 22

Designated by byte 10:

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File 22, STD/CTD: 0 to 99,999 Text records, followed by
1 Master record, followed by
0 to 99,999 Detail records
Repeats

3. ATTRIBUTES AS EXPRESSED IN

PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Manager (907) 474-7836
ADDRESS University of Alaska, Institute of Marine Science, Fairbanks, Alaska 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 type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</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 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) IMS CM AND CTD DATA 5 FILES ON THIS TAPE FILE 1 - HX112 CM FILE 2 - TT213 STD FILE 3 - TT214 STD FILE 4 - HX108 STD FILE 5 - HX114 STD 9TRK, 1600BPI, ASCII, NOLAB, 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>20 -120 bytes/block</p>
		<p>13. LENGTH OF BYTES IN BITS</p> <p>8 bits/byte</p>

RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

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		
FILE TYPE "22" AS	DESIGNATED BY	OCSEP	AND	NODC.	THERE ARE NO INTENDED DEVIATIONS FROM THIS TYPE

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
SALINITY	0.001 ‰	NANSEN BOTTLES & NEIL BROWN MARK IIIIB CTD/O	DESCRIPTION OF BASIC PROCESSING ATTACHED.	N/A
TEMPERATURE	°C	DSR THERMOMETERS & NEIL BROWN MARK IIIIB CTD/O	"	N/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIIB CTD/O	"	N/A

IMS STD/CTD DATA REDUCTION

JUNE 1980

STDCP

Raw 9-track magnetic tapes from the Neil Brown Mark IIIB microprofiler are input. The conductivity is converted to salinity by a relation based on the work of A. S. Bennett (DSR, Vol. 23, No. 2, February 1976).

Output of this program is on 9-track tape and includes entered header data and all STD values from the raw 9-track tape. Output from this program is input for STDAV.

STDCP PRINT OUT

- 1) Print out the type of "FISH" used.
- 2) Input from 9-track and output to 9-track is documented. (This includes all headers, end of files, and record number indicators).

CALVAL

Data values from the instrument display, taken at the time discrete samples were taken are input along with raw temperature and conductivity data from the discrete samples. Each set of such data constitute one field correction.

All of the field corrections are listed along with mean values for standard deviations for temperature and salinity. Generally, values for temperature and salinity are rejected if they fall beyond two standard deviations from the mean.

Subjective judgments as to the quality of the field correction data is made at this time.

Output from this program provides input for STDAV.

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 (✓)	
NEIL BROWN MARK IIIIB CTD/O Microprofiler	1/88		NRCC	✓					
NOTE: ALL STD OR CTD UNITS ARE FIELD CORRECTED BY COMPARISON WITH DISCRETE SAMPLES TO INCREASE ACCURACY OVER STANDARD LABORATORY CALIBRATION.									

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8800237	F015	TV4665	9999	31I7	317F	1988/04/28	6354	180503
8800237	F015	TV4666	9999	31I7	317F	1988/04/28	6355	180504
8800237	F015	TV4667	9999	31I7	317F	1988/04/28	4955	180505
8800237	C022	319906	9999	31I7	31HX	1988/06/16	TV4671	180501
8800237	F022	TV4671	9999	31I7	31HX	1988/06/16	HX-114	180502

(5 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8800237	F015	TV4665	317F	2	5112	88/04/28	88/05/01
8800237	F015	TV4666	317F	2	5051	88/04/28	88/05/01
8800237	F015	TV4667	317F	2	5101	88/04/28	88/05/01
8800237	C022	319906	31HX	132	220	88/06/16	88/06/29
8800237	F022	TV4671	31HX	132	24941	88/06/16	88/06/29

(5 rows affected)