#232/9-24-87

ACCESSION NUMBER 8700277

DATA DOCUMENTATION FORM

A00564

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 TY0046
C022 319716

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
DATA MANAGEMENT
ROOM 111 O'NEAL BUILDING
FAIRBANKS, ALASKA 99701

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

MARGINAL ICE EDGE
OCE8613769

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

HX97

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
R/V ALPHA HELIX	SHIP	USA	USA	04/21/87	05/08/87

8. ARE DATA PROPRIETARY?

[X] NO [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

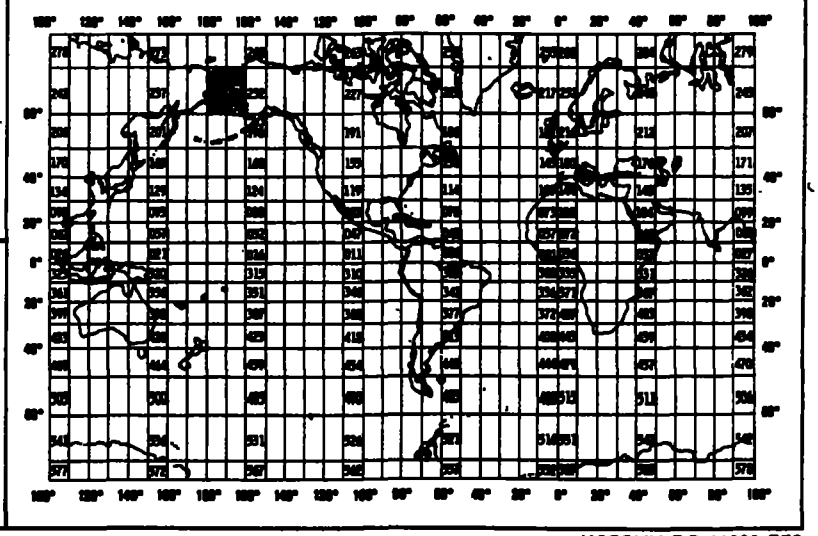
[ ] NO [X] YES [ ] PART *(SPECIFY BELOW)*

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER *(AND ADDRESS IF OTHER THAN IN ITEM-1)*

DATA MANAGER
(907) 474-7836
(907) 474-7092

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



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

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☒ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☒ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☒ .5 - .6 inch

10. END OF FILE MARK ☐ OCTAL 17 ☒ Octal [illegible]

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

022097IMS
ALPHA HELIX CRUISE HX97
04/21/87 - 05/08/87
DR. NIEBAUER
BERING SEA
STATIONS: 1-65.
9TRK, 1600BPI, ASCII, NOLAB, ODD

12. PHYSICAL BLOCK LENGTH IN BYTES

10-120 bytes/block

13. LENGTH OF BYTES IN BITS

8 bits/byte

RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
FILE TYPE "22" AS DESIGNATED BY OCSEP AND NODC. THERE ARE NO INTENDED DEVIATIONS FROM THIS TYPE, ~~EXCEPT~~:					
~~1. Col. 50-53 Salinity in °/₀₀ (I4 to 1/100ths)~~					

USCOMM-DC 44289-P72

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 °/₀₀	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 CALIBRATED
		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 IIIB CTD/O Microprofiler	FEB. 1987 ~~AUG., 1984~~		NEIL BROWN						
NOTE: ALL STD OR CTD UNITS ARE FIELD CORRECTED BY COMPARISON WITH DISCRETE SAMPLES TO INCREASE ACCURACY OVER STANDARD LABORATORY CALIBRATION.									

#232/17-24-87

ACCESSION NUMBER 8700277

A00564

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

F022 TV0047
C022 319317

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.

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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

HX98

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
R/V ALPHA HELIX	SHIP	USA	USA	05/12/87	05/25/87

8. ARE DATA PROPRIETARY?

[X] NO [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

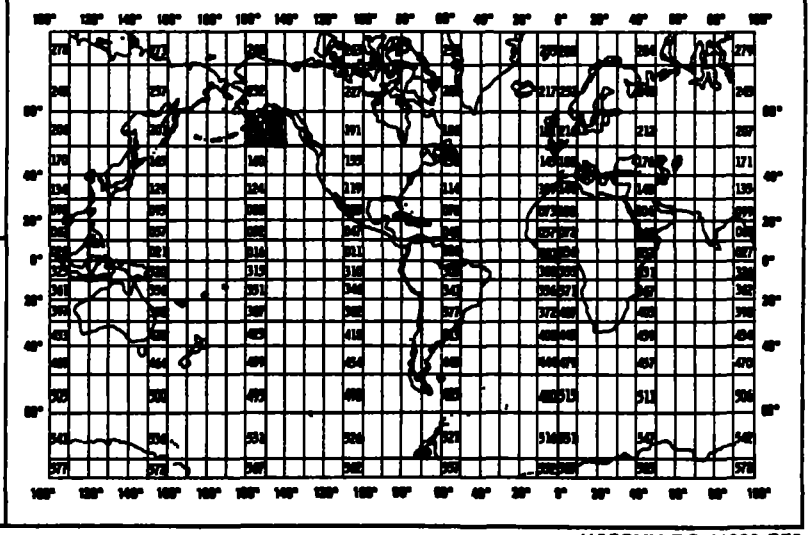
[ ] NO [X] YES [ ] PART *(SPECIFY BELOW)*

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER *(AND ADDRESS IF OTHER THAN IN ITEM-1)*

DATA MANAGER
(907) 474-7836
(907) 474-7092

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44269-P72

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

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☒ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☒ ~~.5 .6 inch~~ _____

10. END OF FILE MARK ☐ OCTAL 17 ☒ Octal ~~23~~ 32

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

022098IMS
ALPHA HELIX CRUISE HX98
05/12/87 - 05/25/87
DR. ROYER
GULF OF ALASKA
STATIONS 1-21, 23-145
9TRK, 1600BPI, ASCII, NOLAB, ODD

12. PHYSICAL BLOCK LENGTH IN BYTES

10-120 bytes/block

13. LENGTH OF BYTES IN BITS

8 bits/byte

RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
FILE TYPE "22" AS DESIGNATED BY OCSEP AND NODC. THERE ARE NO INTENDED DEVIATIONS FROM THIS TYPE, ~~EXCEPT~~:					
~~1. Col. 50-53 Salinity in °/.. (I4 to 1/100ths)~~					

NOAA FORM 24-13

USCOMM-DC 44259-P72

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 °/$_{oo}$	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

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JUNE 1980

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STDCP PRINT OUT

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INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALIBRATED
		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 IIIB CTD/O Microprofiler	FEB ~~AUG~~., 1984		NEIL BROWN						
NOTE: ALL STD OR CTD UNITS ARE FIELD CORRECTED BY COMPARISON WITH DISCRETE SAMPLES TO INCREASE ACCURACY OVER STANDARD LABORATORY CALIBRATION.									

USCOMM-DC 44289-P72

8700277

TO: E/OC12 - C. Noe

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

DATE: April 28, 1988

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVE AND INVENTORIES BRANCH (E/OC11)

------- Level II --------

DRIFTING BUOYS (F156)

Acc: 8800097 Ref: TV1014 - 1042 29 sta. 35,272 records

NOAA-AOML EPOCS

C/STD (F022/C022)

Acc: 8700277 Ref: TV0046-7/319716-7 65 sta. 1,080 records

Univ. of Alaska ALPHA HELIX

Acc: 8700378 Ref: TV0234/319754 133 sta. 13,407 records

Univ. of Washington T. THOMPSON
Mid-Pacific Transition Zone

Acc: 8700315 Ref: TV0235/39755 249 sta. 23,829 records

Univ. of Washington T. THOMPSON
NE Pacific Transition Zone

cc: Division Director

ACCESSION NO. 8700277 FILETYPE F022 TRACK NO. TV0046 - TV0047 PROJECT IDENTIFICATION

C022 319716 - 319717

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORD
ORIG. TAPE	09/08/87	CMH	A00564	2	120	1200	18,000
DUPLICATE TAPE	09/4/87	CMH	W14244*	2	120	1200	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: * tape is SL

DNODC *8700277-01.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

```
INVENTORY                                   'Record found
Record 4766 on screen
168690                  DATA ENTRY INFORMATION SYSTEM                        SJH
                              (DATASET INVENTORY)

DATE OF ENTRY: 09/30/87

       REFERENCE NUMBER: TV0046          ACCESSION NUMBER: 8700277
FORMER REFERENCE NUMBER:          FORMER ACCESSION NUMBER:          (RESUB ONLY)
-------------------------------------------------------------------------------
INVENTORY
         MEDIA-IN: 01 - Digital Magnetic Tape            DINDB CODE 09
         EXCHANGE (FORMAT):   E018 - STD/CTD (F022)
         PROCESSING (FORMAT): F022 - CTD/STD

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

         INSTITUTE (COUNTRY AND INSTITUTE CODES): 3117
         PLATFORM (COUNTRY AND PLATFORM CODES):   31HX
         PLATFORM TYPE:  9 - Ship             DINDB CODE  09

         ORIGINATORS FILE ID:          ORIGINATORS CRUISE ID: HX97
         CRUISE START DATE: 04/21/87   CRUISE END DATE: 05/08/87    Press PgDn
         PROJECT CODE:                 DATA USE CODE (DUC): 3      to continue
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY


         VOLUME - NUMBER OF STATIONS:      65   NUMBER OF RECORDS:   1,080

                  If STA/REC counts are not appropriate then enter -

                  NUMBER:                  UNITS:

                  AVERAGE REC SIZE:     120   MBYTES:       0.129600

-------------------------------------------------------------------------------
OCEAN AREA
             CODE 1: 55A     MEANING: Coastal Waters of W. Alaska (Bering Sea)
             CODE 2: 57A     MEANING: NW Pacific (limit-180)
             CODE 3: 58A     MEANING: Coastal Waters of S. Alaska
-------------------------------------------------------------------------------

DINDB TRACK TRANSACTION GENERATED:   /  /




F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI
```

```
INVENTORY                                   'Record found
Record 4768 on screen
168692                  DATA ENTRY INFORMATION SYSTEM                          SJH
                              (DATASET INVENTORY)

DATE OF ENTRY: 09/30/87

       REFERENCE NUMBER: TV0047          ACCESSION NUMBER: 8700277
FORMER REFERENCE NUMBER:          FORMER ACCESSION NUMBER:          (RESUB ONLY)
-------------------------------------------------------------------------------
INVENTORY
         MEDIA-IN: 01 - Digital Magnetic Tape            DINDB CODE 09
         EXCHANGE (FORMAT): E018 - STD/CTD (F022)
         PROCESSING (FORMAT): F022 - CTD/STD

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

         INSTITUTE (COUNTRY AND INSTITUTE CODES): 3117
         PLATFORM (COUNTRY AND PLATFORM CODES):   31HX
         PLATFORM TYPE:  9 - Ship              DINDB CODE  09

         ORIGINATORS FILE ID:          ORIGINATORS CRUISE ID: HX98
         CRUISE START DATE: 05/12/87   CRUISE END DATE: 05/25/87    Press PgDn
         PROJECT CODE:                 DATA USE CODE (DUC): 3      to continue
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY


         VOLUME - NUMBER OF STATIONS:     144   NUMBER OF RECORDS:  16,920

                  If STA/REC counts are not appropriate then enter -

                  NUMBER:                  UNITS:

                  AVERAGE REC SIZE:     120   MBYTES:       2.030400

-------------------------------------------------------------------------------
OCEAN AREA
             CODE 1: 55A     MEANING: Coastal Waters of W. Alaska (Bering Sea)
             CODE 2: 57A     MEANING: NW Pacific (limit-180)
             CODE 3: 58A     MEANING: Coastal Waters of S. Alaska
-------------------------------------------------------------------------------

DINDB TRACK TRANSACTION GENERATED:    /  /




F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI
```

#232 7-24-87

NOAA FORM 24-5
(8-73)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: NODC 1825 Connecticut Ave NW Washington DC 20235	REFER TO HX97-HX98 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 tape of FT022 data from the Institute of Marine Science. The field's are HX97 and HX98. DOF's are enclosed with the tape.

A listing of the station header records is part of the material.

8700277
A00564

FORWARDED BY (Signature)	TITLE	DATE FORWARDED
[signature]		7-22-87
RECEIVED BY (Signature)	**TITLE**	**DATE RECEIVED**
F. MITCHELL		7-24-87

NOAA FORM 24-5 (8-73)

copy to 'W' tape
can 'W' tape

Gun
09

EDIUM	OUTPUT MEDIUM
R CARD DISK (TAPE) TTE OTHER(SPECIFY)	CARD DISK (PRINT) (TAPE) PLOT DISKETTE OTHER(SPECIFY)

ISKETTE INFORMATION

(TAPE #)/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
A00564	-	9	1600	ODD	NL	FB	120	1200	2
SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PU DA
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PU DAT
#/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FIL
W14244		9	1600	ODD	~~NL~~ SL	FB	120	1200	2
SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNODC*8700217-01			PUR DAT

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

ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINT DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIE
09/14/87	11:25	11:45	C	COMPLETED BY J.S.

87091102

...TO BE USED AND FUNCTION TO BE PERFORMED

Please scan tape

Bin 09

INPUT MEDIUM	OUTPUT MEDIUM
...R CARD DISK (TAPE) ...TTE OTHER(SPECIFY)	CARD DISK (PRINT) TAPE PLOT DISKETTE OTHER(SPECIFY)

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
A00564		9	1600						

SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF. OTHER(SPECIFY)	DATA SET NAME	PU DA

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# (FI

SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)	DATA SET NAME	PUR DAT

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE=	RECORD LENGTH	MAX. BLOCK SIZE	# O FIL

SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)	DATA SET NAME	PUR DAT

INSTRUCTIONS

Please return tape A00564 to Bin 09.

ESTIMATED EXECUTION TIME

ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINT DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIE
09/09/87	11:00	11:45	C	COMPLETED BY J.S.

```
Password:
 accNo   fleA refNo  proj inst ship    startDate  cruise   catId
 ------- ---- ------ ---- ---- ------- ---------- -------- ----------
 8700277 C022 319716 9999 31I7 31HX    1987/04/21 TV0046       172740
 8700277 C022 319717 9999 31I7 31HX    1987/05/13 TV0047       172741
 8700277 F022 TV0046 9999 31I7 31HX    1987/04/21 HX97         172742
 8700277 F022 TV0047 9999 31I7 31HX    1987/05/13 HX98         172743

(4 rows affected)
```

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8700277 C022 319716 31HX 65     65     87/04/21   87/05/10
 8700277 C022 319717 31HX 144    207    87/05/13   87/05/26
 8700277 F022 TV0046 31HX 65     1076   87/04/21   87/05/10
 8700277 F022 TV0047 31HX 144    16915  87/05/13   87/05/26

(4 rows affected)
```