## DATA DOCUMENTATION FORM

REF

777248 319651

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
F423/C422

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 I	STITUTION, LABOR	ATORY, O	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA A	RE ASSOCIATED
UNIVERSITY OF ALAS	SKA					
INSTITUTE OF MARI	NE SCIENCE					
DATA MANAGEMENT						
ROOM 111 O'NEAL BY	JILDING					
FAIRBANKS, ALASKA	99701					
2. EXPEDITION, PROJECT, C DATA WERE COLLECTED		WHICH		ABER(S) USED I	Y ORIGINATOR	TO IDENTIFY
				нх64		:
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A	AND OPERATOR	7. DA	TES
:			PLATFORM	OPERATOR	FROM: MODAY,YR	TO: MO DAY YR
R/V ALPHA HELIX	SHIP		USA	USA		10/26/84
S. ARE DATA PROPRIETARY	1		SE DARKEN AL			
X NO TYES		CONT	AINED IN YOUR	SUBMISSION W	ERE COLLECT	ED.
L NO L YES						
IF YES, WHEN CAN THE FOR GENERAL USE?				GENERAL AR	REA _	
9. ARE DATA DECLARED NA						
PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING: TIONAL EXCHANGE?)		# T			S proper (e)	
□NO XYES □PAR	T (SPECIFY BELOW)	20d 170 140 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 20 Land Land Land Land Land Land Land Land	199 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Legan San	212 2897 2140 111 240 133 200 23 200
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DATA MANAGER		40 47		1 1 1 1		
(907) 474-7836					<del>                                      </del>	60 00
(907) 474-7092			<del>                                      </del>			518
(55.7) 47.7 1524					314553	29 19 19 19 19 19 19 19 19 19 19 19 19 19
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NOAA FORM 24-13					USCO	MM-DC 44289-P72

## C. DATA FORMAT

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

	THREE RECORD TYPES WIT	HIN FILE TYPE 22
	Designated by byte 10:	
	"1" for Text Record "2" for Master Reco "3" for Detail Reco	rd
GIVE BRIEF DESCRI	PTION OF FILE ORGANIZATION	
	File 22, STD/CTD: 0 to	99,999 Text records, followed by
	1 Ma	ster record, followed by
	0 to	99,999 Detail records
	Repe	ats
	11070	
NAME AND	PHONE NUMBER Data Mana	ger (907) 474-7836 stitute of Marine Science,Fairbanks,Alaska 9
ADDRESS	PHONE NUMBER Data Mana	stitute of Marine Science, Fairbanks, Alaska 9
NAME AND ADDRESS COMPLETE THIS	PHONE NUMBER Data Mana; University of Alaska, In: SECTION IF DATA ARE ON MAGN	stitute of Marine Science, Fairbanks, Alaska S
NAME AND ADDRESS COMPLETE THIS	University of Alaska, Ins	Stitute of Marine Science, Fairbanks, Alaska S  IETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) (X) 3/4 INCH
NAME AND ADDRESS COMPLETE THIS RECORDING MODE	Data Mana; University of Alaska, In: SECTION IF DATA ARE ON MAGN  BCD BINARY  ASCII ESCDIC	Stitute of Marine Science, Fairbanks, Alaska S  SETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  56 inch
NAME AND ADDRESS COMPLETE THIS RECORDING MODE	PHONE NUMBER Data Mana; University of Alaska, In:  SECTION IF DATA ARE ON MAGN  BCD BINARY  ASCII ESCDIC	Stitute of Marine Science, Fairbanks, Alaska S  IETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  56 inch  10. END OF FILE MARK  OCTAL 17  Cotal 23  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS)
NAME AND ADDRESS COMPLETE THIS RECORDING MODE	Dephone number Data Manay University of Alaska, In:  SECTION IF DATA ARE ON MAGN  BCD BINARY  ASCII EBCDIC  SEVEN	Stitute of Marine Science, Fairbanks, Alaska S  IETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH .56 inch  10. END OF FILE MARK  OCTAL 17  Cotal 23 ?
NAME AND ADDRESS COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	Dephone number Data Manay University of Alaska, In:  SECTION IF DATA ARE ON MAGN  BCD BINARY  ASCII EBCDIC  SEVEN	Stitute of Marine Science, Fairbanks, Alaska SIETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
NAME AND ADDRESS COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	Dephone number Data Manay University of Alaska, Institute of Alaska, Ins	Stitute of Marine Science, Fairbanks, Alaska Sci
NAME AND ADDRESS COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	Dephone number Data Manay University of Alaska, Institute of Alaska, Ins	Stitute of Marine Science, Fairbanks, Alaska Sci
NAME AND ADDRESS COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	Dephone number Data Mana; University of Alaska, In:  SECTION IF DATA ARE ON MAGN  BCD BINARY  ASCII ESCDIC  SEVEN  NINE  200 BPI X 1600 BPI  556 BPI	Stitute of Marine Science, Fairbanks, Alaska Seric Tape  9. Length of Inter- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS  ALPHA HELIX CRUISES: HX64  HX66  HX77  HX79  9TRK 1600BPT ASCII NO LABEL  12. PHYSICAL BLOCK LENGTH IN SYTES
NAME AND ADDRESS COMPLETE THIS RECORDING MODE	Dephone number Data Manay University of Alaska, Institute of Alaska, Ins	Stitute of Marine Science, Fairbanks, Alaska S  SETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH

## RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	15, POSITION	18. LEN	<b>дтн</b>	17. ATTRI	SUTES	18. USE AND MEANING	<del></del>
	FROM - 1 MEASURED						
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	(n.g., bills, hyrins)	NUMBER	UNITS				
FILE TYPE "22" AS	DESIGNATE	D BY	CSEP A	AND NODC	. THER	ARE NO INTENDED	DEVIATIONS
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OAA FORM 24-13							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
CAT TNITTY	0.001.87			
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	11	N/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIB CTD/O	11	N/A
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			,	·
·				
044 FORM 2412 (2-72)		·	<u> </u>	USCOMM-DC 44280

#### 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.

Metriment type		INSTRUMENT WAS	CALIBRATED BY		CH INSTRUMEN	ECK ONE: IT IS CALIBRAT	ED		INSTRU- MENT IS
INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST Calibration	YOUR ORGANIZATION (√:)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE (√)	BEFORE AND After Use ( \( \forall \)	ONLY AFTER REPAIR (V)	ONLY WHEN NEW (V)	NOT CALI- BRATED
NEIL BROWN MARK IIIE CTD/O Microprofiler	AUG., 1984		NEIL BROWN						
			·						
	D UNITS ARE FII RATORY CALIBRAT		COMPARISON W	TH DISCRE	E SAMPLES	TO INCREASE	ACCURAC	OVER	

## DATA DOCUMENTATION FORM REF

77 7209 319452

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

FOZYCOZZ

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

THE SECTION MOST SECOM						
1. NAME AND ADDRESS OF IN	<del>-</del>	ATORY, O	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA A	RE ASSOCIATED
UNIVERSITY OF ALAS						
INSTITUTE OF MARIN	NE SCIENCE					
DATA MANAGEMENT						ı
ROOM 111 O'NEAL BU						
FAIRBANKS, ALASKA						
2. EXPEDITION, PROJECT, O DATA WERE COLLECTED	R PROGRAM DURING	WHICH		(BER(S) USED ( IS SHIPMENT	BY ORIGINATOR	R TO IDENTIFY
			н	x66		
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A		7. DA	TES
			PLATFORM	OPERATOR	FROM: MODAY,YR	TO: MO/DAY/YR
R/V ALPHA HELIX	SHIP					
			USA	USA	03/21/85	03/21/85
8. ARE DATA PROPRIETARY	?	11. PLEAS	E DARKEN ALI	MARSDEN SQ	UARES IN WHIC	H ANY DATA
X NO YES		CONT	AINED IN YOUR	SUBMISSION W	ERE COLLECT	ED.
		J.	•			
IF YES, WHEN CAN TH FOR GENERAL USE?				GENERAL AR	EA	
9. ARE DATA DECLARED NA						
PROGRAM (DNP)? (I.E., SHOULD THEY BE IN	CLUDED IN WORLD			1/21/2011/1		WA WAS
DATA CENTERS HOLDINGS	FOR INTERNA-		<del>╎</del> ┸┩┼╏╏┸┪			
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		<u>                                   </u>	124 124			148
			057 052		1 257 873	7 1/0 "
10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRES				910		61 22 0
PHONE NUMBER (AND ADD	RESS IF OTHER	- M		M   V   M	200 971	20-
THAN IN ITEM-1)						09 04 00
DATA MANAGER			944 1		400	60 m 4"
(907) 474-7836		700	200 000		400010	513 504
(907) 474-7092				<u> </u>	534853	<del>【】┤┤</del> ╏╸┃
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NOAA FORM 24-13					USCO	MM-DC 44289-P72

## C. DATA FORMAT

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

GIVE METHOD OF ID			
	THREE REC	ORD TYPES WIT	HIN FILE TYPE 22
	Designate	ed by byte 10:	•
		or Text Record	
		or Master Reco or Detail Reco	
GIVE BRIEF DESCRI	PTION OF FIL	E ORGANIZATION	
	File 22,	STD/CTD: 0 to	99,999 Text records, followed by
		1 Ma	ster record, followed by
		0 to	99,999 Detail records
		Repe	ats
			•
ATTRIBUTES AS EX	PRESSED IN	PL-1 [X FORTRAN [	ALGOL COBOL  LANGUAGE
RESPONSIBLE COMP	PUTER SPECIAL PHONE NUMB	X FORTRAN LIST: Data Mana	
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIAL PHONE NUMB University	X FORTRAN LIST: Data Mana	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIAL PHONE NUMB University  SECTION IF D	X FORTRAN LIST: BER Data Manay of Alaska, Ins	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska  JETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 2/4 INCH
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIAL D PHONE NUMB University SECTION IF D	X FORTRAN  LIST:  DER Data Manay  Of Alaska, Instanta ARE ON MAGN  BINARY  EBCDIC	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska  JETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  3/4 INCH  10. END OF FILE MARK
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	PUTER SPECIAL D PHONE NUMB University  SECTION IF D.  ASCII	X FORTRAN  LIST:  DER Data Manay  Of Alaska, Instanta Are on MAGN	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska letic tape  9. Length of Inter- Record Gap (IF Known) 3/4 Inch
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	PUTER SPECIAL PHONE NUMB University  SECTION IF D.  ASCII	X FORTRAN  LIST:  DER Data Manay  Of Alaska, Instanta ARE ON MAGN  BINARY  EBCDIC	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska  Jetic Tape  9. Length of Inter- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  OCTAL 17  X  Quantity  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE)
RESPONSIBLE COMP  NAME AND ADDRESS  COMPLETE THIS RECORDING MODE	PUTER SPECIAL D PHONE NUMB University  SECTION IF DA  ASCII	X FORTRAN  LIST:  DER Data Manay  Of Alaska, Instanta ARE ON MAGN  BINARY  EBCDIC	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska  JETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  -5 .6 inch  10. END OF FILE MARK  OCTAL 17  X  OCTAL 17  ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
RESPONSIBLE COMP  NAME AND ADDRESS  COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	PUTER SPECIAL PHONE NUMB University  SECTION IF D.  ASCII	X FORTRAN  LIST:  DER Data Manay  Of Alaska, Instanta ARE ON MAGN  BINARY  EBCDIC	ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska  Jetic tape  9. Length of Inter- Record Gap (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17  X  OCTAL 17  X  ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISES: HX64
RESPONSIBLE COMP  NAME AND ADDRESS  COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	PUTER SPECIAL PHONE NUMB University  SECTION IF D. ASCII  SEVEN X NINE X ODD	X FORTRAN  LIST:  DER Data Manay  Of Alaska, Instanta ARE ON MAGN  BINARY  EBCDIC	ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska  Jetic tape  9. Length of Inter- Record gap (IF KNOWN)  10. END OF FILE MARK  OCTAL 17  X  OCTAL 17  ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  0 2 2 IMS ALPHA HELIX CRUISES: HX64 HX66
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE  NUMBER OF TRACK  (CHANNELS)	PHONE NUMB University  SECTION IF D.  ASCII  SEVEN  X NINE	X FORTRAN  LIST:  DER Data Manay  Of Alaska, Instanta ARE ON MAGN  BINARY  EBCDIC	ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska  Jetic tape  9. Length of Inter- Record Gap (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17  X  OCTAL 17  X  ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISES: HX64
RESPONSIBLE COMP  NAME AND  ADDRESS  COMPLETE THIS  RECORDING MODE  NUMBER OF TRACK (CHANNELS)	PUTER SPECIAL D PHONE NUMB University  SECTION IF D.  ASCII  SEVEN X NINE  X ODD EVEN	X FORTRAN  LIST:  DER Data Manay  Of Alaska, Instanta ARE ON MAGN  BINARY  EBCDIC	JANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska  JALPHA HELIX CRUISES: HX64  HX77
RESPONSIBLE COMP  NAME AND ADDRESS  COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	PUTER SPECIAL D PHONE NUMB University  SECTION IF D.  ASCII  SEVEN X NINE  X ODD EVEN	X FORTRAN  LIST:  DER Data Manay  of Alaska, Instant ARE ON MAGN  BINARY  BECDIC	ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska  Jetic tape  9. Length of Inter- Record gap (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17  X  OCTAL 17  X  OCTAL 17  ALPHA HELIX CRUISES: HX64  HX66  HX77  HX79  9TRK, 1600BPI, ASCII, NO LABEL  12. PHYSICAL BLOCK LENGTH IN SYTES
RESPONSIBLE COMP  NAME AND ADDRESS  COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	PUTER SPECIAL D PHONE NUMB University  SECTION IF D.  ASCII  SEVEN X NINE  Y ODD EVEN  200 BPI	X FORTRAN  LIST:  DER Data Manay  of Alaska, Instant ARE ON MAGN  BINARY  BECDIC	ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska  Jetic tape  9. Length of Inter- Record Gap (IF Known)  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE. VOLUME NUMBER)  022IMS ALPHA HELIX CRUISES: HX64 HX66 HX77 HX79  9TRK, 1600BPI, ASCII, NO LABEL  12. PHYSICAL BLOCK LENGTH IN BYTES  40-120 bytes/block
ADDRESS  COMPLETE THIS RECORDING MODE	PUTER SPECIAL D PHONE NUMB University  SECTION IF D.  ASCII  SEVEN  X NINE  Y ODD EVEN  200 BPI 386 BPI	X FORTRAN  LIST:  DER Data Manay  of Alaska, Instant ARE ON MAGN  BINARY  BECDIC	ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska  Jetic tape  9. Length of Inter- RECORD GAP (IF KNOWN) 3/4 INCH -5 .6 inch  10. END OF FILE MARK OCTAL 17  X OCTAL 17  X OCTAL 17  ALPHA HELIX CRUISES: HX64 HX66 HX77 HX79  9TRK, 1600BPI, ASCII, NO LABEL  12. PHYSICAL BLOCK LENGTH IN BYTES

## RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	18. POSITION	16. LEN	GTH	17. ATTRIB	TES	18. USE AND MEANING
	FROM-1 MEASURED	1				
	IN	NUMBER	UNITS	Ī		
	(m.d., bills, hystes)		ORITS			
א ויפעיד שודע אינדער אינדער אינדער	DESTONATE	ID BY (	CSED	ND NODC.	ומקעי	ARE NO INTENDED DEVIATIONS
FROM THIS TYPE,	VCTPT:	ים מ	Coer A	I NODE.	IIISK	ARE NO INTENDED DEVIRITIONS
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## B. SCIENTIFIC CONTENT

SALINITY  0.001 °/  NANSEN BOTTLES & NEIL BROWN MARK IIIB CTD/O  DESCRIPTION OF BASIC  N/A  PROCESSING ATTACHED.  N/A  N/A  N/A  DEPTH  0.1M (1M = 1db)  THERMOMETRIC DEPTH & N/A  NEIL BROWN MARK IIIB CTD/O  N/A  "  N/A	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
TEMPERATURE  C DSR THERMOMETERS & " N/A  DEPTH  O.1M (1M = 1db) THERMOMETRIC DEPTH & " N/A					
DEPTH 0.1M (1M = 1db) THERMOMETRIC DEPTH & " N/A	SALINITY	0.001 °/		DESCRIPTION OF BASIC PROCESSING ATTACHED.	N/A
DELIN 0.11 (IN - 100) INEXPONDING DEFIN 6	TEMPERATURE	°C			N/A
	DEPTH	0.1M (1M = 1db)			N/A
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#### 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 ("\sqrt{"}") 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	DATE O	E LAST	INSTRUMENT WAS	CALIBRATED BY			ECK ONE: IT IS CALIBRAT	ED		INSTRU- MENT IS
(MFR., MODEL NO.)	CALIBR		YOUR ORGANIZATION (√.)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR After Use ()	BEFORE AND After Use (√)	ONLY AFTER REPAIR (V)	ONLY WHEN NEW	NOT CALI- BRATED
TEIL BROWN MARK II		1984		NEIL BROWN						
				·						
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			<del></del>	·						
OTE: ALL STD OR O				COMPARISON W	TH DISCRE	TE SAMPLES	TO INCREASE	ACCURAC	OVER	

## DATA DOCUMENTATION FORM

REF

TT 7210 319653

NOAA FORM 24-13

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

FOZZ/cozz

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

	ISTITUTION, LABOR	ATORY, O	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA A	RE ASSOCIATED
UNIVERSITY OF ALAS	SKA					
INSTITUTE OF MARIN	NE SCIENCE					
DATA MANAGEMENT						
ROOM 111 O'NEAL BU	JILDING					
FAIRBANKS, ALASKA						
2. EXPEDITION, PROJECT, O	R PROGRAM DURING	WHICH		BER(S) USED I	Y ORIGINATOR	TO IDENTIFY
DATA WERE COLLECTED			DATA IN TH	IS SHIFMEN!		
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				HX77		
t						:
4. PLATFORM NAME(S)	5. PLATFORM TYPE	E16)	6. PLATFORM	NDOBERATOR	17 51	TES
FLATFURM NAME(3)	(E.G., SHIP, BUO		NATIONALIT		L	
			PLATFORM	OPERATOR	FROM: MODAY/YR	TO: MO/DAY/YR
R/V ALPHA HELIX	SHIP					
N V IIII IIII IIIIII	J		USA	USA	10/17/85	10/17/85
Ì					,,	
8. ARE DATA PROPRIETARY	7		E DARKEN ALI			
X NO YES		CONT	AINED IN YOUR	SUBMISSION W	ERE COLLECT	ED.
		i	•			]
IF YES, WHEN CAN TH FOR GENERAL USE?		i		GENERAL AR	EA	
	YEARMONTH_					ı
9. ARE DATA DECLARED NA						
9. ARE DATA DECLARED NA PROGRAM (DNP)?	TIONAL	mer mer i	HOT 100" 100" 100" 140	- 150° 160° 50° 60°		er er er er
9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING!	TIONAL CLUDED IN WORLD	m Fee	HOP 100° 100° 140			
9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN	TIONAL CLUDED IN WORLD	187 197 1 77 4 6 7				
9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING! TIONAL EXCHANGE?)	TIONAL CLUDED IN WORLD	1987 1389 1 278 - 24 244 1				<b>47                </b>
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9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO YES PART	TIONAL CLUDED IN WORLD FOR INTERNA- T (SPECIFY BELOW)	1270	23 22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	100 S		212 257 274 9 171 166 19 171 26 27 26 27
9. ARE DATA DECLARED NAPROGRAM (DNP)?  (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO YES PART  10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRES	CLUDED IN WORLD FOR INTERNA-  (SPECIFY BELOW)  ES CONCERNING ISED WITH TELE-	49.	257 225 255 256 257 258 258 258 258 258 258 258 258 258 258	96 S 99	/973 ase	212 25 25 25 25 25 25 25 25 25 25 25 25 25
9. ARE DATA DECLARED NAPROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO YES PART  10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD	CLUDED IN WORLD FOR INTERNA-  (SPECIFY BELOW)  ES CONCERNING ISED WITH TELE-	49.		90	/973 ase	213 250 274 9 171 100 193 100 20 100 20 1
9. ARE DATA DECLARED NAPROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO YES PART  10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD THAN IN ITEM-1)	CLUDED IN WORLD FOR INTERNA-  (SPECIFY BELOW)  ES CONCERNING ISED WITH TELE-	24 24 24 24 24 24 24 24 24 24 24 24 24 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	967 S 988 S 978 S		213 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27
9. ARE DATA DECLARED NAPROGRAM (DNP)?  (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO YES PART  10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITHAN IN ITEM-1)  DATA MANAGER	CLUDED IN WORLD FOR INTERNA-  (SPECIFY BELOW)  ES CONCERNING ISED WITH TELE-	44* U4 V 44*	7 200 515 V 200 4 551	907 5 90 907 5 90 911 5 90 934 54 940 547		213 255 257 257 257 257 257 257 257 257 257
9. ARE DATA DECLARED NAPROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO XYES PART  10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITHAN IN ITEM-1)  DATA MANAGER (907) 474–7836	CLUDED IN WORLD FOR INTERNA-  (SPECIFY BELOW)  ES CONCERNING ISED WITH TELE-	44* U4 V 44*	7 200 515 V 200 4 551	967 S 988 S 978 S		213 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27
9. ARE DATA DECLARED NAPROGRAM (DNP)?  (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO YES PART  10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITHAN IN ITEM-1)  DATA MANAGER	CLUDED IN WORLD FOR INTERNA-  (SPECIFY BELOW)  ES CONCERNING ISED WITH TELE-	20 170 170 170 170 170 170 170 170 170 17	7 200 515 V 200 4 551	967 S 988 S 978 S		212 25 25 25 25 25 25 25 25 25 25 25 25 25
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9. ARE DATA DECLARED NAPROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO XYES PART  10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITHAN IN ITEM-1)  DATA MANAGER (907) 474–7836	CLUDED IN WORLD FOR INTERNA-  (SPECIFY BELOW)  ES CONCERNING ISED WITH TELE-	20 170 170 170 170 170 170 170 170 170 17	313 313 313 313 313 313 313 313	967 S 988 S 978 S		212 287 297 2171 287 287 287 287 287 287 287 287 287 287

## C. DATA FORMAT

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

	THREE REC	CORD TYPES WITH	HIN FILE TYPE 22
	•		
	Designate	ed by byte 10:	
·		or Text Record or Master Reco	
	"3" fo	or Detail Reco	rd .
. GIVE BRIEF DESCRI	PTION OF FIL	E ORGANIZATION	
	File 22,	STD/CTD: 0 to	99,999 Text records, followed by
		1 Mas	ster record, followed by
		0 to	99,999 Detail records
		Repea	ats
		THOP CO	
			·
ATTRIBUTES AS EXI	PRESSED IN	PL-1 X FORTRAN	ALGOL COBOL LANGUAGE
RESPONSIBLE COMP	PUTER SPECIA PHONE NUMB	X FORTRAN  LIST: Data Manag	LANGUAGE ger (907) 474-7836
RESPONSIBLE COMP NAME AND ADDRESS	PUTER SPECIA PHONE NUMB University	X FORTRAN LIST: DER Data Manag of Alaska, Ins	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska 9
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIAL PHONE NUMBER UNIVERSITY SECTION IF D	X FORTRAN  LIST:  DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  BINARY	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska 9
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIAL PHONE NUMBER UNIVERSITY SECTION IF D	X FORTRAN  LIST: DER Data Manag  of Alaska, Ins	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska 9  ETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  3/4 INCH  10. END OF FILE MARK
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIAL PHONE NUMBER University  SECTION IF D  BCD  ASCII	X FORTRAN  LIST:  DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  BINARY	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska 9  setic tape  9. Length of Inter- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  OCTAL 17
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	PHONE NUMB University  SECTION IF D  ASCII	X FORTRAN  LIST:  DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  BINARY	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska 9  ETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  -5 -6 - Inch  10. END OF FILE MARK  OCTAL 17  X Octal 23
RESPONSIBLE COMP  NAME AND ADDRESS  COMPLETE THIS RECORDING MODE	PUTER SPECIAL PHONE NUMBER UNIVERSITY SECTION IF D ASCII	X FORTRAN  LIST:  DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  BINARY	LANGUAGE  ger (907) 474-7836  Stitute of Marine Science, Fairbanks, Alaska 9  ETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  -5 -6 - 10.  10. END OF FILE MARK  OCTAL 17  X Octal 23  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
COMPLETE THIS RECORDING MODE	PHONE NUMB University  SECTION IF D  ASCII	X FORTRAN  LIST:  DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  BINARY	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska 9  ETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	SECTION IF D  ASCII  SEVEN  X ODD	X FORTRAN  LIST:  DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  BINARY	Janguage  ger (907) 474-7836  Stitute of Marine Science, Fairbanks, Alaska 9  BETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17  X Octal 17  X Octal 17  ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISE HX64 HX66
RESPONSIBLE COMP  NAME AND ADDRESS  COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	PHONE NUMBE UNIVERSITY  SECTION IF D  ASCII  SEVEN  X NINE	X FORTRAN  LIST:  DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  BINARY	LANGUAGE  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska 9  ETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17  X Oatel-23  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISE HX64 HX66 HX77
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	SECTION IF D  ASCII  SEVEN  X ODD  EVEN	X FORTRAN  LIST:  DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  BINARY	Ser (907) 474-7836 Stitute of Marine Science, Fairbanks, Alaska 9  SETIC TAPE  S. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  OCTAL 17  X Octal 23  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  O22IMS ALPHA HELIX CRUISE HX64 HX66 HX77 HX79  9TRK, 1600BPI, ASCII, NO LABEL
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE  NUMBER OF TRACK (CHANNELS)	SECTION IF D  ASCII  SEVEN  X ODD  EVEN	X FORTRAN  LIST: DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  DINARY  EBCDIC	Janguage  ger (907) 474-7836  stitute of Marine Science, Fairbanks, Alaska 9  etic tape  9. Length of Inter- Record Gap (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17  X Octal 17  X Octal 17  X Octal 17  ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISE HX64  HX77  HX79  9TRK, 1600BPI, ASCII, NO LABEL  12. PHYSICAL BLOCK LENGTH IN BYTE8
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	PUTER SPECIA PHONE NUMB University SECTION IF D  ASCII  SEVEN X NINE  ZOD SPI	X FORTRAN  LIST: DER Data Manag  of Alaska, Ins  ATA ARE ON MAGN  DINARY  EBCDIC	Ser (907) 474-7836 Stitute of Marine Science, Fairbanks, Alaska 9  SETIC TAPE  S. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  OCTAL 17  X Octal 23  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  O22IMS ALPHA HELIX CRUISE HX64 HX66 HX77 HX79  9TRK, 1600BPI, ASCII, NO LABEL

## RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	15. POSITION	18. LEN	GTH	17. ATTRIBUTES	<b>5</b> ]	18. USE AND MEANING
	FROM - 1 MEASURED	;			ł	
	IN			1 .	.	
•	(o.g., bills, hytes)	NUMBER	UNITS		-1	
FILE TYPE "22" AS	DESIGNATI	D BY	CSEP A	ND NODC. TH	ER	ARE NO INTENDED DEVIATIONS
FROM THIS TYPE,	SCEPT:				ŀ	
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	1. Colv	0-53-		y 1n /oo €	34	to 1/100ths)
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## 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 ·
TEMPE RATURE	°C	DSR THERMOMETERS & NEIL BROWN MARK IIIB CTD/O	11	n/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIB CTD/O	11	n/A
				•
			·	·
DAA FORM 24-13 (3-72)		l	L	USCOMM-DC 44289

#### 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.
- 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 ("\sum'") 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	DATE OF LAST	INSTRUMENT WAS	CALIBRATED BY	CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRU MENT IS	
(MFR., MODEL NO.)	CALIBR		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	DEFORE AND After Use (√)	ONLY AFTER REPAIR ( $$ )	(√) Mea Mhen Onla	NOT CALI- BRATED
EIL BROWN MARK IIIE TD/O Microprofiler	AUG.,	1984		NEIL BROWN						
		_								
OTE: ALL STD OR CT STANDARD LABO			LD CORRECTED B'	COMPARISON W	TH DISCRE	E SAMPLES	TO INCREASE	ACCURAC	OVER	

## DATA DOCUMENTATION FORM REF

TT7211 319654

NOAA FORM 24-13

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/c022

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. Residable, 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

	ELIED BI DONOR	OK ALL					
1. NAME AND ADDRESS OF I	STITUTION, LABOR	ATORY, O	R ACTIVITY WIT	H WHICH SUSM	ITTED DATA A	RE ASSOCIATED	
UNIVERSITY OF ALAS	<del></del>						
INSTITUTE OF MARI	NE SCIENCE						
DATA MANAGEMENT							
ROOM 111 O'NEAL BI	JILDING				•		
FAIRBANKS, ALASKA	99701						
2. EXPEDITION, PROJECT, C DATA WERE COLLECTED	R PROGRAM DURING	WHICH		MBER(S) USED I IIS SHIPMENT	BY ORIGINATOR	TO IDENTIFY	
CREATIVITY EXTE	ENSION		!	нх79			
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A	AND OPERATOR	7. DA	TES	
	i'		PLATFORM	OPERATOR	FROM: MODAY,YR	TO: MO DAY YE	
R/V ALPHA HELIX	SHIP		USA	USA	03/10/86	03/17/86	
8. ARE DATA PROPRIETARY	<del>,</del>	III. PLEA	SE DARKEN AL	MARSDEN SO	I WHIC	H ANY DATA	
X NO YES			AINED IN YOUR				
IF YES, WHEN CAN TH FOR GENERAL USE?		GENERAL AREA					
9. ARE DATA DECLARED NA PROGRAM (DNP)?	TIONAL						
(I.E., SHOULD THEY BE IN DATA CENTERS HOLDING: TIONAL EXCHANGE?)							
NO YES PAR	T (SPECIFY BELOW)	41. 170 170 170 170	4 14 14 14 14 14 14 14 14 14 14 14 14 14	1991 S 600 1299 S 600 1299 S 600	pulsa Co	212 257 274	
10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITION IN ITEM-I)  DATA MANAGER  (907) 474-7836  (907) 474-7092	SSED WITH TELE-		1057   1052	507 M M M M M M M M M M M M M M M M M M M	1 1 1 1 1 1 1 1		
NOAA FORM 24-13		1007 1007	140" 100" 100" 100" 140	r ter 100° 00° 00°	er ar r ar	MM-DC 44289-P72	

## C. DATA FORMAT

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

	THREE RECORD TYPES WIT	THIN FILE TYPE 22
	Designated by byte 10	
	"1" for Text Record "2" for Master Rec	
	"3" for Detail Reco	ord
GIVE BRIEF DESCR	IPTION OF FILE ORGANIZATION	
	File 22, STD/CTD: 0 to	o 99,999 Text records, followed by
	1 Ma	aster record, followed by
	0 to	o 99,999 Detail records
	Repe	· eats
	· · · · · · · · · · · · · · · · · · ·	
ATTRIBUTES AS EX		ALGOL COBOL
ATTRIBUTES AS EX	PRESSED IN PL-1	ALGOL COBOL LANGUAGE
ATTRIBUTES AS EX		
RESPONSIBLE COMP	T FORTRAN	L ANGUAGE
RESPONSIBLE COMP	T FORTRAN  PUTER SPECIALIST: D PHONE NUMBER Data Mana	LANGUAGE
RESPONSIBLE COMP	T FORTRAN  PUTER SPECIALIST: D PHONE NUMBER Data Mana	LANGUAGE  ager (907) 474-7836
RESPONSIBLE COMP NAME AND ADDRESS	T FORTRAN  PUTER SPECIALIST: D PHONE NUMBER Data Mana University of Alaska, In	LANGUAGE  ager (907) 474-7836 astitute of Marine Science, Fairbanks, Alaska
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	T FORTRAN  PUTER SPECIALIST: D PHONE NUMBER Data Mana	LANGUAGE  ager (907) 474-7836  astitute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER-
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	T FORTRAN  PUTER SPECIALIST: D PHONE NUMBER Data Mana University of Alaska, In	LANGUAGE  ager (907) 474-7836  astitute of Marine Science, Fairbanks, Alaska  NETIC TAPE
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIALIST: D PHONE NUMBER Data Mana University of Alaska, In SECTION IF DATA ARE ON MAG	LANGUAGE  ager (907) 474-7836  astitute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER-
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIALIST: D PHONE NUMBER Data Mana University of Alaska, In SECTION IF DATA ARE ON MAG	LANGUAGE  ager (907) 474-7836  astitute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  3/4 INCH  10. END OF FILE MARK
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	T FORTRAN  PUTER SPECIALIST: D PHONE NUMBER Data Mana University of Alaska, Ir  SECTION IF DATA ARE ON MAG  BCD BINARY  ASCII EBCDIC	LANGUAGE  ager (907) 474-7836  astitute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  3/4 INCH
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RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	PUTER SPECIALIST: D PHONE NUMBER Data Mana University of Alaska, Ir  SECTION IF DATA ARE ON MAG  BCD BINARY  ASCII EBCDIC	LANGUAGE  ager (907) 474-7836  astitute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  OCTAL 17  OCTAL 17  II. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE RECORDING MODE	Tortran  Puter Specialist: Dephone number Data Mana University of Alaska, Ir  Section if Data are on mag  BCD Binary  Ascii Becdic	LANGUAGE  ager (907) 474-7836  astitute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  OCTAL 17  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS  12.
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	Topone number Data Mana University of Alaska, Ir section if Data are on mage of the section of t	LANGUAGE  ager (907) 474-7836  astitute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISES: HX64
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	Tortran  Puter Specialist: Dephone number Data Mana University of Alaska, Ir  Section if Data are on mag  BCD Binary  Ascii Becdic	Institute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS  ALPHA HELIX CRUISES: HX64 HX66
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	Tophone number Data Mana University of Alaska, Ir  SECTION IF DATA ARE ON MAG  BCD BINARY  ASCII EBCDIC  SEVEN  X NINE  X ODD	Institute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTERRECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS  ALPHA HELIX CRUISES: HX64  HX66  HX77
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	Tophone number Data Mana University of Alaska, Ir  SECTION IF DATA ARE ON MAG  BCD BINARY  ASCII EBCDIC  SEVEN  X NINE  X ODD	Institute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS  ALPHA HELIX CRUISES: HX64 HX66
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	TOPHONE NUMBER Data Mana University of Alaska, In SECTION IF DATA ARE ON MAG  BCD BINARY ASCII BECDIC  SEVEN  NINE  200 BPI X 1600 BPI	Institute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  OCTAL 17  PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISES: HX64  HX66  HX77  HX79
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	TOPHONE NUMBER Data Mana University of Alaska, In SECTION IF DATA ARE ON MAG  BCD BINARY  ASCII EBCDIC  SEVEN  X NINE  200 BPI X 1600 BPI  556 BPI	Institute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISES: HX64  HX66  HX77  HX79  9TRK, 1600BPI, ASCII, NO LABEL  12. PHYSICAL BLOCK LENGTH IN BYTES
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	TOPHONE NUMBER Data Mana University of Alaska, In SECTION IF DATA ARE ON MAG  BCD BINARY ASCII BECDIC  SEVEN  NINE  200 BPI X 1600 BPI	Institute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  OCTAL 17  Paste-On-Paper Label Description (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  022IMS ALPHA HELIX CRUISES: HX64 HX66 HX77 HX79  9TRK, 1600BPI, ASCII, NO LABEL
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	TOPHONE NUMBER Data Mana University of Alaska, In SECTION IF DATA ARE ON MAG  BCD BINARY  ASCII EBCDIC  SEVEN  X NINE  200 BPI X 1600 BPI  556 BPI	Institute of Marine Science, Fairbanks, Alaska  NETIC TAPE  9. LENGTH OF INTERRECORD GAP (IF KNOWN)  10. END OF FILE MARK  11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  0 22 IMS  ALPHA HELIX CRUISES: HX64  HX66  HX77  HX79  9TRK, 1600BPI, ASCII, NO LABEL  12. PHYSICAL BLOCK LENGTH IN BYTES  46-120 bytes/block

## RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	FROM - 1 MEASURED	16. LEN	GTH	17. ATTRIBU	TES	18. USE AND MEANING	
	(n.g., hills, hystes)	NUMBER	UNITS				
FILE TYPE "22" AS FROM THIS TYPE, E	DESIGNATI <del>MCEPT</del> ?	D BY	CSEP A	ND NODC.	THERI	ARE NO INTENDED	DEVIATIONS
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## 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
TEMPE RATURE	°C	DSR THERMOMETERS & NEIL BROWN MARK IIIB CTD/O	11	N/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIB CTD/O	11	N/A
		·		
	1			·
	•			
NOAA FORM 24-13 (3-72)		·	<u> </u>	U8COMM-DC 44289-P7

#### 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.
- 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 ("V") 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		INSTRUMENT WAS	CALIBRATED BY	CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRU- MENT IS
(MFR., MODEL NO.)	DATE OF LAST Calibration	YOUR ORGANIZATION (√:)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR After Use ( \( \frac{1}{2} \)	BEFORE AND After Use (V.)	ONLY AFTER REPAIR (√)	(√) MHEN MHEN	NOT CALI- BRATED
EIL BROWN MARK IIIE TD/O Microprofiler	FEB. 1986	, , ,	NEIL BROWN		. •			. V	<u>V.L</u>
									<del>'</del>
									<del> </del>
	D UNITS ARE FI	ELD CORRECTED B	COMPARISON W	TH DISCRE	E SAMPLES	TO INCREASE	ACCURAC	OVER	

ACCESSION NO. 8600200	FILETYPE_	FILETYPE 1-4-2 TRACK NO. TRACK NO. TO IDENTIFICATION						
•	_	C022	REF 319651-3196	50	SOUTHERN RUASKA			
STEP	DATE	INIT.	TAPE OR DISK DSN .	NO. FILES	LRECL	BLK SIZI	NO. E.RECOI	
ORIG. TAPE	6/13/86	K	HXNODC - 400246	4	120	4800	₹5€0	
DUPLICATE TAPE	·		W07259		120	4840		
REFORMATTED TAPE								
REFORMATTED DISK	·							
FIRST MULCHEK								
FINAL MULCHEK				•				
MPD75 OR FO22		<del></del>		·				

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

\*\*\*\*\* Record 11207 in INVENTORY \*\*\*\*\*

DINDB TRACK TRANSACTION GENERATED: //

011674

## DATA ENTRY INFORMATION SYSTEM (DATASET INVENTORY)

<u>SJH</u>

DATE OF	ENTRY: 06/19/86
	REFERENCE NUMBER: TT7208 ACCESSION NUMBER: 8600200 REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)
INVENTO	
	MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
	EXCHANGE (FORMAT): <u>E018</u> - <u>STD/CTD (F022)</u> PROCESSING (FORMAT): <u>F022</u> - <u>CTD/STD</u>
	PROCESSING (FORMATT): FORE - CIDISID
* NO	TE * If data is F022, create an additional record for C022.
	INSTITUTE (COUNTRY AND INSTITUTE CODES): 3117
	PLATFORM (COUNTRY AND PLATFORM CODES): <u>31HX</u> PLATFORM TYPE: <u>9 - Ship</u> DINDB CODE <u>09</u>
	PER 17 OKIN 17 PE : _ 3 - 31115
	ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: HX64
	CRUISE START DATE: 10/26/84 CRUISE END DATE: 10/26/84 Press PgDn PROJECT CODE: DATA USE CODE (DUC): 3 to continue
	VOLUME - NUMBER OF STATIONS: 6 NUMBER OF RECORDS: 250
	If STA/REC counts are not appropriate them enter -
	NUMBER: UNITS:
•	
OCEAN A	
	CODE 1: <u>58A</u> MEANING: <u>Coastal Waters of S. Alaska</u>
	CODE 2: MEANING:
	CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: \_/\_/

## DATA ENTRY INFORMATION SYSTEM (DATASET INVENTORY)

SJH

DATE OF ENTRY: 06/19/86
REFERENCE NUMBER: <u>TT7209</u> ACCESSION NUMBER: <u>8600200</u> FORMER REFERENCE NUMBER: (RESUB ONLY)
INVENTORY
MEDIA-IN: <u>O1</u> - <u>Digital Magnetic Tape</u> DINDB CODE <u>09</u>
EXCHANGE (FORMAT): <u>E018 - STD/CTD (F022)</u>
PROCESSING (FORMAT): FO22 - CTD/STD
* NDTE * If data is F022, create an additional record for C022.
INSTITUTE (COUNTRY AND INSTITUTE CODES): 3117
PLATFORM (COUNTRY AND PLATFORM CODES): <u>31HX</u> PLATFORM TYPE: <u>9 - Ship</u> DINDB CODE <u>09</u>
PERTFORM TYPE: 3 - SHIP DINDS CODE 03
ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: <u>HX66</u>
CRUISE START DATE: 03/21/85 CRUISE END DATE: 03/21/85 Press PgDn PROJECT CODE: DATA USE CODE (DUC): 3 to continue
PROJECT CODE: DATA OSE CODE (DOC): 5 to Continue
VOLUME - NUMBER OF STATIONS: <u>6</u> NUMBER OF RECORDS: <u>265</u>
If STA/REC counts are not appropriate then enter -
NUMBER: UNITS:
DCEAN AREA
CODE 1: <u>58A</u> MEANING: <u>Coastal Waters of S. Alaska</u> CODE 2: MEANING:
CODE 3: MEANING:
**************************************

DINDB TRACK TRANSACTION GENERATED: //

## DATA ENTRY INFORMATION SYSTEM (DATASET INVENTORY)

SJH

DATE OF ENTRY: 06/19/86
REFERENCE NUMBER: TT7210 ACCESSION NUMBER: 8600200 FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)
INVENTORY  MEDIA-IN: <u>O1 - Digital Magnetic Tape</u> DINDB CODE <u>O9</u> EXCHANGE (FORMAT): <u>E018 - STD/CTD (F022)</u> PROCESSING (FORMAT): <u>F022 - CTD/STD</u>
* NOTE * If data is F022, create an additional record for C022.
INSTITUTE (COUNTRY AND INSTITUTE CODES): <u>3117</u> PLATFORM (COUNTRY AND PLATFORM CODES): <u>31HX</u> PLATFORM TYPE: <u>9 - Ship</u> DINDB CODE <u>09</u>
ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: <u>HX77</u> CRUISE START DATE: <u>10/17/85</u> CRUISE END DATE: <u>10/17/85</u> Press PgDn PROJECT CODE: DATA USE CODE (DUC): <u>3</u> to continue
VOLUME - NUMBER OF STATIONS: 5 NUMBER OF RECORDS: 247
If STA/REC counts are not appropriate then enter -
NUMBER: UNITS:
OCEAN AREA  CODE 1: 58A MEANING: Coastal Waters of S. Alaska  CODE 2: MEANING: CODE 3: MEANING: MEANIN

DINDB TRACK TRANSACTION GENERATED: \_/\_/\_

## DATA ENTRY INFORMATION SYSTEM (DATASET INVENTORY)

<u>SJH</u>

DATE OF ENTRY: 06/19/86 REFERENCE NUMBER: TT7211 ACCESSION NUMBER: 8600200 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): FO22 - CTD/STD \* NOTE \* If data is FO22, create an additional record for CO22. 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: HX79 CRUISE START DATE: 03/10/86 CRUISE END DATE: 03/17/86 Press PgDn
DATA USE CODE (DUC): 3 to continue PROJECT CODE: \_\_\_\_ VOLUME - NUMBER OF STATIONS: \_\_\_\_\_48 NUMBER OF RECORDS: \_\_\_1,712 If STA/REC counts are not appropriate then enter -NUMBER: \_\_\_\_ UNITS: \_\_\_\_ OCEAN AREA CODE 1: 58A MEANING: Coastal Waters of S. Alaska
CODE 2: \_\_\_ MEANING: \_\_\_\_ CODE 2: \_\_\_ MEANING: CODE 3: \_\_\_ MEANING:

# DEAR MR. CRANE

HERE ARE STD DATA
FOR 4 CRUISES:

HX64 HX66 HX77 HX79 Rent 6/13/86 ledingster

PLEASE FORWARD THE DATA
TAPE TO NODC CENTER
IN WASHINGTON, D.C.

6/10/86

Please occupo this tope as a dato fubrission from the OPDIN-Alaska office. Thousa

CHIRK CHU 5/22/86

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NAME

## Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8600200	C022	319651	9999	3117	31HX	1984/10/26	TT7208	164555
8600200	C022	319652	9999	<b>31I7</b>	31HX	1985/03/21	TT7209	164556
8600200	C022	319653	9999	<b>31I7</b>	31HX	1985/10/17	TT7210	164557
8600200	C022	319654	9999	<b>31I7</b>	31HX	1986/03/10	TT7211	164558
8600200	F022	<b>TT7208</b>	9999	<b>31I7</b>	31HX	1984/10/26	HX64	164559
8600200	F022	<b>TT7209</b>	9999	<b>31I7</b>	31HX	1985/03/21	HX66	164560
8600200	F022	<b>TT7210</b>	9999	<b>31</b> 17	31HX	1985/10/17	HX77	164561
8600200	F022	TT7211	9999	3117	31HX	1986/03/10	HX79	164562

(8 rows affected)

## Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8600200	C022	319651	31HX	6	6	84/10/26	84/10/26
8600200	C022	319652	31HX	6	6	85/03/21	85/03/21
8600200	C022	319653	31HX	5	5	85/10/17	85/10/17
8600200	C022	319654	31HX	48	48	86/03/10	86/03/18
8600200	F022	<b>TT7208</b>	31HX	6	250	84/10/26	84/10/26
8600200	F022	<b>TT7209</b>	31HX	6	265	85/03/21	85/03/21
8600200	FQ22	<b>TT7210</b>	31HX	5	247	85/10/17	85/10/17
8600200	F022	TT7211	31HX	48	1712	86/03/10	86/03/18

(8 rows affected)