4 931/2-17-88

ACCESSION NUMBER 8800043

DATA DOCUMENTATION FORM

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

FORM APPROVED

F022 TY/052 COZZ 319765

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

NOAA FORM 24-13 (4-72)

THIS SECTION MUST BE COMPLETED BY DUNCK FOR ALL DATA TRANSMITTALS								
1. NAME AND ADDRESS OF IN	STITUTION, LABOR	ATORY, O	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA A	RE ASSOCIATED		
UNIVERSITY OF ALAS	SKA							
INSTITUTE OF MARIN	IE SCIENCE							
DATA MANAGEMENT								
ROOM 111 O'NEAL BU	JILDING							
FAIRBANKS, ALASKA								
2. EXPEDITION, PROJECT, O		WHICH	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY					
DATA WERE COLLECTED			DATA IN TH	IS SHIPMENT	_			
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1 CE 060012	J							
4. PLATFORM NAME(S)	5. PLATFORM TYP	E/8)	6. PLATFORM A	NO OPERATOR	T DA	TES		
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R/V ALPHA HELIX	SHIP							
K/V ALFRA RELIX	Snir		USA	USA	1 /	1006-107		
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THAN IN ITEM-1)		□ \\						
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NOAA FORM 24-13					11000	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 RECORD TYPES WIT	THIN FILE TYPE 22				
	Designated by byte 10:					
	"1" for Text Record					
	"2" for Master Reco					
	J TOT DOUBLE INCO	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
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				
ATTRIBUTES AS EX		ALGOL COBOL				
ATTRIBUTES AS EX	PRESSED IN PL-1 FORTRAN	ALGOL COBOL LANGUAGE				
	X FORTRAN					
RESPONSIBLE COMP	X FORTRAN	LANGUAGE				
. RESPONSIBLE COMP NAME AND	T FORTRAN PUTER SPECIALIST: PHONE NUMBER Data Mana	LANGUAGE				
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RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	X FORTRAN PUTER SPECIALIST: Description of Alaska, In	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska 99				
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RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	Topotran Topotr	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska 99 NETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH -5 - 6 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) 022 JMS ALPHA HELIX CRUISES HX104 & HX108 9/87 & 12/87 GULF OF ALASKA DR. ROYER STATIONS: 1-55. HX104 STATIONS: 1-76 HX108				
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	Type Tran	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska 99 NETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH -5 - 6 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) 022 JMS ALPHA HELIX CRUISES HX104 & HX108 9/87 & 12/87 GULF OF ALASKA DR. ROYER STATIONS: 1-55. HX104 STATIONS: 1-76 HX108				
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	Topotran Topotr	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska 99 NETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH -5 - 6 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) 022 IMS ALPHA HELIX CRUISES HX 104 & HX 108 9/87 & 12/87 GULF OF ALASKA DR. ROYER STATIONS: 1-55. HX 104 STATIONS: 1-55. HX 104 STATIONS: 1-76. HX 108 9TRK. 16008PI, ASCII, NOLAB, ODD				
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	Type Tran	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska 99 NETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH -5 - 6 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) 022 JMS ALPHA HELIX CRUISES HX104 & HX108 9/87 & 12/87 GULF OF ALASKA DR. ROYER STATIONS: 1-55. HX104 STATIONS: 1-76 HX108				
COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	Type Tran	ger (907) 474-7836 stitute of Marine Science, Fairbanks, Alaska 99 NETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 5-6-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) 022 IMS ALPHA HELIX CRUISES HX104 & HX108 9/87 & 12/87 GULF OF ALASKA DR. ROYER STATIONS: 1-55. HX104 STATIONS: 1-55. HX104 STATIONS: 1-76. HX108 9TRK, 16008PI, ASCII, NOLAB, ODD 12. PHYSICAL BLOCK L'ENGTH IN BYTES 10-120 bytes/block				

RECORD NAME ___STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

14. FIELD NAME	FROM-1 MEASURED	1	GTH	17. ATTRIB	UTES	18. USE AND MEANING
	(n.g., bills, bytes)	NUMBER	UNITS			
FILE TYPE "22" AS FROM THIS TYPE, A	DESIGNATI	D BY	CSEP A	ND NODC.	THERI	E ARE NO INTENDED DEVIATIONS
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10AA FORM 24-13						USCOMM-DC 44219-P7

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	11	N/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIB CTD/O	11	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 ("

") 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					
(MFR., MODEL NO.)	CALIBRATION	YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR After Use ()	BEFORE AND AFTER USE ()	ONLY AFTER REPAIR (√)	(√) WHEN WHEN	NOT CALI- Brated (√)	
NEIL BROWN MARK IIIE CTD/O Microprofiler	JUNE, 1987 Aug., 1984		MRCC NEIL BROWN	V		. •				
				· · · · · · · · · · · · · · · · · · ·						
			-						•	
									 	
	D UNITS ARE FIE RATORY CALIBRAT		COMPARISON W	TH DISCRE	E SAMPLES	TO INCREASE	ACCURAC	r over		

#039/2-17-88

ACCESSION NUMBER 8800043

DATA DOCUMENTATION FORM

A00674

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

F032 TY1053 C022 319766

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

UNIVERSITY OF ALA INSTITUTE OF MARI DATA MANAGEMENT ROOM 111 O'NEAL B	NE SCIENCE							
DATA MANAGEMENT ROOM 111 O'NEAL B								
ROOM 111 O'NEAL B	UILDING							
1	UILDING							
FAIRBANKS, ALASKA	99701							
2. EXPEDITION, PROJECT, O DATA WERE COLLECTED	R PROGRAM DURING	WHICH		IBER(S) USED (IS SHIPMENT	ORIGINATOR	TO IDENTIFY		
GARS)					
•			1	4X108				
OCE 860812	25			17.10				
4. PLATFORM NAME(S)	5. PLATFORM TYP	E/6\	6. PLATFORM A	NOOBERATOR	DA	TES		
T. FEATFORM NAME(S)	(E.G., SHIP, BUO		NATIONALIT] <i>"</i>	1 5 3		
			PLATFORM	OPERATOR	FROM: MODAY,YR	TO: MO/DAY/YR		
R/V ALPHA HELIX	SHIP							
K/V ALPHA HELIX	Suit		USA	USA	11/30/87	10/0/00		
2	t '		USA	USA	11/30/01	1412/01		
8. ARE DATA PROPRIETARY	1	11. PLEAS	E DARKEN ALI	MARSDEN SO	LARES IN WHIC	H ANY DATA		
	•		AINED IN YOUR					
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IF YES, WHEN CAN THEY BE RELEASED			GENERAL AREA					
FOR GENERAL USET YEAR MONTH 9. ARE DATA DECLARED NATIONAL				GENERAL AR	EA			
	YEARMONTH	100° 120° 1	d. 186. 186. 188. 188.	GENERAL AR	E A			
9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN	YEARMONTHTIONAL		er 180° 180° 160° 160°	GENERAL AR		Hans		
9. ARE DATA DECLARED NA PROGRAM (DNP)?	YEARMONTHTIONAL	1887 1387 1 1776 44.		GENERAL AR				
9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING TIONAL EXCHANGE?)	TIONAL ICLUDED IN WORLD FOR INTERNA-	## 13F 1		GENERAL AR	EA Pure To			
9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING TIONAL EXCHANGE?)	YEARMONTHTIONAL			GENERAL AR		7 7 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28		
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9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING TIONAL EXCHANGE?)	TIONAL ICLUDED IN WORLD FOR INTERNA-		100° 100° 100° 100° 100° 100° 100° 100°	GENERAL AR	EA STORY	222 200		
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9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING TIONAL EXCHANGE?) NO XYES PAR 10. PERSON TO WHOM INQUIR DATA SHOULD BE ADDRESPHONE NUMBER (AND ADITHAN IN ITEM-1) DATA MANAGER (907) 474-7836	YEAR MONTH TIONAL ICLUDED IN WORLD B FOR INTERNA- T (SPECIFY BELOW) ES CONCERNING SSED WITH TELE-	30 170 170 170 170 170 170 170 170 170 17	V 554 551 550 550 550 550 550 550 550 550 550	227 23 24 24 24 24 24 24 24 24 24 24 24 24 24	20 21 25 0 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	251 287 287 287 287 287 287 287 287 287 287		
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C. DATA FORMAT

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

	THREE RECORD TYPE	S WITHIN FILE TYPE 22
	Designated by byte	ee 10:
	"1" for Text R	
	"2" for Master "3" for Detail	
GIVE BRIEF DESCRI	PTION OF FILE ORGANIZA	ATION
	File 22, STD/CTD:	0 to 99,999 Text records, followed by
		1 Master record, followed by
		0 to 99,999 Detail records
		Repeats
		•
	X FORTE	ALGOL COBOL ANGUAGE
RESPONSIBLE COMP	X FORTE. UTER SPECIALIST: PHONE NUMBER Data	
RESPONSIBLE COMP NAME AND ADDRESS _ COMPLETE THIS	X FORTE. UTER SPECIALIST: PHONE NUMBER Data	Manager (907) 474-7836 ka, Institute of Marine Science, Fairbanks, Alaska
RESPONSIBLE COMP NAME AND ADDRESS _ COMPLETE THIS	X FORTE	Manager (907) 474-7836 ka, Institute of Marine Science, Fairbanks, Alaska N MAGNETIC 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	T FORTE. UTER SPECIALIST: PHONE NUMBER Data University of Alasi SECTION IF DATA ARE OF BCD BINARY ASCII EBCDIO	Manager (907) 474-7836 ka, Institute of Marine Science, Fairbanks, Alaska N MAGNETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH -5 .6 Inch 10. END OF FILE MARK Octal 2232
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RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACKS (CHANNELS)	T FORTE. UTER SPECIALIST: PHONE NUMBER Data University of Alasi SECTION IF DATA ARE OF BCD BINARY ASCII EBCDIO	Manager (907) 474-7836 ka, Institute of Marine Science, Fairbanks, Alaska N MAGNETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH -5 .6 Inch 10. END OF FILE MARK OCTAL 17 X Octal 2232 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 022 TMC
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACKS (CHANNELS)	T FORTE. UTER SPECIALIST: PHONE NUMBER Data University of Alasi SECTION IF DATA ARE OF BCD BINARY ASCII EBCDIO SEVEN X NINE X ODD	Manager (907) 474-7836 ka, Institute of Marine Science, Fairbanks, Alaska N MAGNETIC 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) 022 IMS ALPHA HELIX CRUSES HX104 & HX108 9/87 & 12/87 GULF OF ALASKA
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACKS (CHANNELS)	T FORTE. UTER SPECIALIST: PHONE NUMBER Data University of Alasi SECTION IF DATA ARE OF BCD BINARY ASCII EBCDIO	Manager (907) 474-7836 ka, Institute of Marine Science, Fairbanks, Alaska N MAGNETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH -5 .6 Inch 10. END OF FILE MARK OCTAL 17 X Octal 2332 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) O22 IMS ALPHA HELIX CRUISES HX/04 & HX/08 9/87 & 12/87 GULF OF ALASKA DR. ROYER STATIONS: 1-55. HX/04
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RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACKS (CHANNELS)	T FORTE. UTER SPECIALIST: PHONE NUMBER Data University of Alasi SECTION IF DATA ARE ON BCD BINARY ASCH BECDIO	Manager (907) 474-7836 ka, Institute of Marine Science, Fairbanks, Alaska N MAGNETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK OCTAL 17 X Octal 2332 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) O22 IMS ALPHA HELIX CRUBES HX/04 & HX/08 9/87 & 12/87 GULF OF ALASKA DR. ROYER STATIONS: 1-55. HX 104 STATIONS: [-76, HX/08 9/TRK, 1600 BPI, ASCII, NOLAB, ODD 12. PHYSICAL BLOCK LENGTH IN BYTES
COMPLETE THIS RECORDING MODE	T FORTE. UTER SPECIALIST: PHONE NUMBER Data University of Alasi SECTION IF DATA ARE ON BCD BINARY ASCII EBCDIC SEVEN X NINE Z ODD EVEN 200 BPI X 1600 BP	Manager (907) 474-7836 ka, Institute of Marine Science, Fairbanks, Alaska N MAGNETIC 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) 022 IMS ALPHA HELIX CRUISES HX/04 & HX/08 9/87 & 12/87 GULF OF ALASKA PR. ROYER STATIONS: 1-55. HX/04 \$TATIONS: 1-76, HX/08

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

4. FIELD NAME	15. POSITION FROM - 1 MEASURED	l l	GTH	17. ATT	RIGUTE		16. USE AND MEANING
	(n.g., idia, irrino)	NUMBER	UNITS			_	
FILE TYPE "22" AS FROM THIS TYPE,	DESIGNATI KCED T:	D BY (CSEP A	ND NO	DC. THI	₹RI	E ARE NO INTENDED DEVIATIONS
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B. SCIENTIFIC CONTENT

		D. SCIENTIFIC CO	· · · · · · · · · · · · · · · · · · ·	
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	11	N/A
DEPTH	0.1M (1M = 1db)	THERMOMETRIC DEPTH & NEIL BROWN MARK IIIB CTD/O	11	N/A
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			·	
OAA FORM 24-13 (3-72)				USCOMM-DC 44289-1

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 ("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	DATE OF LAST	INSTRUMENT WAS	CHECK ONE: INSTRUMENT IS CALIBRATED						INSTRU- MENT IS
(MFR., MODEL NO.)	CALIBRATION	LIBRATION YOUR ORGANIZATION		AT FIXED	BEFORE OR AFTER USE	BEFORE AND AFTER USE	ONLY AFTER REPAIR	ONLY NEW	NOT Cali- Brated
EIL BROWN MARK IIIE TD/Q Microprofiler	JUNE, 1987 Aug., 1984	(√)	NRCC NEIL BROWN	(V)	(√)	(√)	(√)	(√1	(√)
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	D UNITS ARE FIE RATORY CALIBRAT		COMPARISON W	TH DISCRE	E SAMPLES	TO INCREASE	ACCURAC	OVER	

NOAA FORM 2413

SSION NC	00043 FILETYPE	FOZZ	. JK NO		P ROJECT IDENTIF)N	
3800	2043	Forz	319765-319766	7	U WIY	AK	045 E M 4081	
•	DATE	INIT.	TAPE OR DISK DSI	<u>.</u>	NO. FILES	LRECL	BLK SIZE	RECORD
, TAPE	04/20/88	CUH. A	00674		2	120	1200	537
.CATE TAPE	04/21/88	CMA U	014503 *		2	120	1200	
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Tapeia 9 TRK, 5L, 1600 6pi

Y!OHAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

TERTS (TRACKS DELETED, FIELDS DELETED, ETC.)

1:51:04p

DATA ENTRY INFORMATION SYSTEM (DATASET INVENTORY)

SJH

_ATE OF ENTRY: 04/28/88

REFERENCE NUMBER: TV1052 ACCESSION NUMBER: 8800043

FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

(, .

EXCHANGE (FORMAT): E018 - STD/CTD (F022)
PROCESSING (FORMAT): E022

* 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: HX104 ORIGINATORS CRUISE ID: HX104 CRUISE START DATE: 09/10/87 CRUISE END DATE: 09/22/87 Press PgDn DATA USE CODE (DUC): 3 to continue F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

1:51:11p INVENTORY

VOLUME - NUMBER OF STATIONS: 55 NUMBER OF RECORDS: 13,166

If STA/REC counts are not appropriate then enter -

UNITS: NUMBER:

AVERAGE REC SIZE: 120 MBYTES: 1.579920

OCEAN AREA

CODE 1: 58A MEANING: Coastal Waters of S. Alaska
CODE 2: 55A MEANING: Coastal Waters of W. Alaska (Bering Sea)
CODE 3: 12A MEANING: NW Coast of Alaska (Chukchi Sea)

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY Record 6814 on screen 174452

Record found

1:51:35p

DATA ENTRY INFORMATION SYSTEM (DATASET INVENTORY)

SJH

_ATE OF ENTRY: 04/28/88

REFERENCE NUMBER: TV1053 ACCESSION NUMBER: 8800043

FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

(4

EXCHANGE (FORMAT): E018 - STD/CTD (F022)
PROCESSING (FORMAT): E022

* 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: HX108 ORIGINATORS CRUISE ID: HX108

CRUISE START DATE: 11/30/87 CRUISE END DATE: 12/13/87 Press PgDn PROJECT CODE: 0081 DATA USE CODE (DUC): 3 to continue F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

1:51:41p

VOLUME - NUMBER OF STATIONS: 76 NUMBER OF RECORDS: 14,601

If STA/REC counts are not appropriate then enter -

NUMBER:

UNITS:

AVERAGE REC SIZE: 120 MBYTES: 1.752120

OCEAN AREA

CODE 1: 58A MEANING: Coastal Waters of S. Alaska
CODE 2: 55A MEANING: Coastal Waters of W. Alaska (Bering Sea)
CODE 3: 12A MEANING: NW Coast of Alaska (Chukchi Sea)

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

TRANSMITTAL AND RECEIPT RECORD

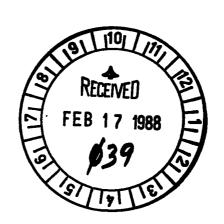
(Please sign and return carbon copy acknowledging receipt)

TO: NODC 1825 CONNECTION LANGE N.W.	REFER TO HX104
WAShington OC 20235	Francis Mitchell
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU B ORDINARY REGISTERED AIR MAIL MAIL	CERTIFIED GOVERNMENT BY HAND OTHER TRUCK

Exclosed is a type of FTOZZ Soto from the Institutes of Marine Science. NSt funded.

8800043

A00674



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NOAA	FORM 24-5	77		TW	पा

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DATE FORWARDED

DATE RECEIVE

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Please send W'tape to Asheville, N.C.											
USE ONLY											
#	DATE JOB			PRIORITY					OUNTS, LINES I		
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Clif Hartley 673-5636 EG13 DO EN 3AH9 84/19/88 ASAP 09												
Please scan tape 9.												
PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY) OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)												
TAPE/DISK	ETTE INFORF	TATION								•		
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to Bin 09												
0731 USE 0	INI V											
iUB #	DATE JOB COMPLETED		ND IME	PRIORITY					DUNTS, LINES CARDS KEYVE			
PALIS THERIS	\$4\Ja\$ 88			C			ВУ					
. STREET												

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8800043	C022	319765	0081	31I7	31HX	1987/09/10	TV1052	177196
8800043	C022	319766	0081	31I7	31HX	1987/11/30		177197
8800043	F022	TV1052	0081	3117	31HX	1987/09/10		177198
8800043	F022	TV1053	0081	31I7	31HX	1987/11/30	HX108	177199

(4 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8800043	C022	319765	31HX	55	97	87/09/10	87/09/21
8800043	C022	319766	31HX	76			87/12/15
8800043	F022	TV1052	31HX	55		87/09/10	87/09/21
8800043	F022	TV1053	31HX	76	14046	87/11/30	87/12/15

(4 rows affected)