NODE 2 LEG 0 STATION 1

1	C2L0S3.1
2	C2L0S3.2
3	C2L0S3.3
4	C2L0S3.4
5	S2L0S3.5
6	C2L0S3.6
7	C2L0S3.7
8	S2L0S3.8
9	C2L0S3.9
10	S2L0S3.10
11	C2L0S3.11
12	C2L0S3.12
13	C2L0S3.13
14	C2L0S3.14
15	C2L0S3.15
16	C2L0S3.16
17	C2L0S3.17
18	C2L0S3.18
19	C2L0S3.19
20	C2L0S3.20
21	C2L0S3.21
22	C2L0S3.22
23	C2L0S3.23
24	C2L0S3.24
25	C2L0S3.25

83-005

DDF024

83NODC239-01 | ACCESSION NUMBER 8300050

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (7)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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.

055648-055650-055651 C1K
055653-055655 C1K
BL2817 F022
329943 C022

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

SCHOOL OF OCEANOGRAPHY TW5480 F022
OREGON STATE UNIVERSITY
CORVALLIS, OR 97331 3103

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

CODE 2 LEG Ø

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

CODE 2 LEG Ø

4. PLATFORM NAME(S)

32WC
R/N WECOMA

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

SHIP

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
R/N WECOMA	OREGON STATE UNIVERSITY

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR
FEB/26/82	MAR/1/82

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)*

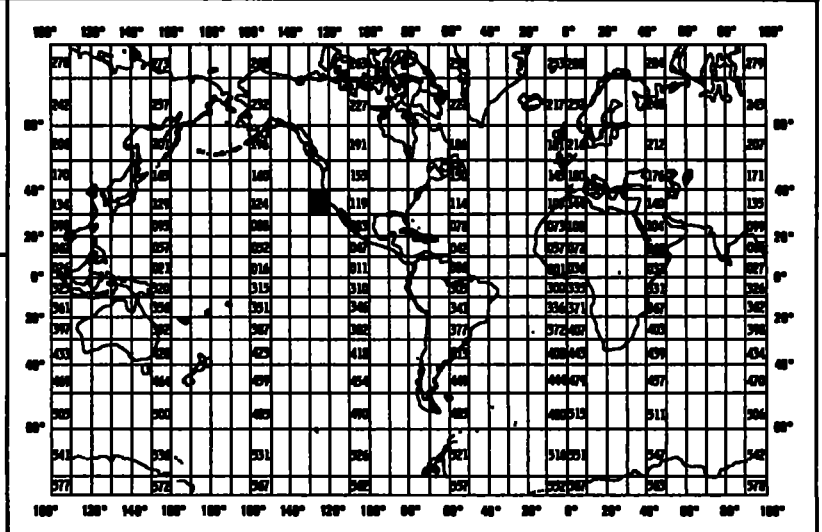
DNOD*83NODC239-01

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

DR. JANE HUYER
(503) 754-2108

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

GENERAL AREA



NOAA FORM 24-13

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

B. SCIE[illegible]C 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
PRESSURE	db	NEIL BROWN CTD MODEL MARK III b	see attached sheets	values averaged over one db interval
TEMPERATURE	°C	"	"	"
SALINITY	‰	"	"	"

NOAA FORM 24-13 -

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

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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

STATION
LATITUDE
DATE
LONGITUDE
TIME
BOTTOM DEPTH
CTD #
KM FROM SHORE
2 comment lines (usually blank)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

pressure (db) temperature (°C) salinity (‰)

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER WILLIAM E. GILBERT (503) 754-2180
ADDRESS OREGON STATE UNIVERSITY, CORVALLIS, OR 97331

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
☐ _____

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*)
OREGON STATE UNIVERSITY
SCHOOL OF OCEANOGRAPHY
ASCII EVEN PARITY CODE 2 LEG #

9 TRACK 800 BPI

12. PHYSICAL BLOCK LENGTH IN BYTES
4000

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

NOAA FORM 24-13

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 CTD MODEL MARK IIIb	NOV 1980						X		
	Temperature and conductivity Calibrated from in situ cast data.								

NOAA FORM 24-13

Documentation of Processed STD Velocimeter Data

National Oceanographic Data Center

September 1971

Please use this form as a supplement to the NODC "Data Definition Form, General Information."

All items on this form are considered of importance to the archive processing and future use of STD-velocimeter data. In submitting computer processed data, it is especially important to complete the section titled "Reduction-Processing."

A. Instrument - Sensors

1. Instrument - Sensors

   a. Manufacturer NEIL BROWN CTD
   b. Model MARK IIIb
   c. Serial #2567
   d. Sensors (The questions asked about each sensor listed may serve as a guide for information to be submitted about other sensors.)

2. Salinity (Compensated Conductivity)

   a. Model
   b. Serial
   c. Date of last calibration

3. Temperature

   a. Model
   b. Serial
   c. Date of last calibration data was calibrated using samples collected during casts

4. Pressure

   a. Model
   b. Serial
   c. Date of last calibration NOV 1980
   d. If pressure is recorded as depth, what relationship was used to arrive at depth?

5. Sound Velocity

   a. Model
   b. Serial number
   c. Date of last calibration
   d. Is raw calibration data available? Yes____ No_____
   e. Person to be contacted for calibration information.
   f. Reference equation used for sound velocity (i.e., Wilson, Greenspan, etc., or variations theron).

6. Conductivity (if used)

   a. Model
   b. Serial
   c. Date of last calibration salinity samples taken in situ are used to calibrate conductivity during final processing.

7. Other (Attach a list for other parameters such as ambient light, transmissivity, etc.)

8. Is calibration data for the above sensors available? Yes X No___

9. Have you modified your instrument and/or sensors? yes

10. Which parameters are affected by the modifications? temperature

11. What is the result of the modification with respect to the accuracy, resolution, and precision of the data?
    stabilizes temperature response time - described in data report

B. Operational Methods

1. Mode of use

   (a.) Platform is affected by pitch and roll which is not decoupled from the package.
   b. Platform is stable or platform motion is decoupled from package.
   c. Unit is freefalling.
   d. Other (describe).

2. Lowering rate (meters/min)

   a. Enter lowering rate in regions of high parameter gradients > 45 meters/minute
   b. Enter lowering rate in regions of low parameter gradients

3. Time Response

   a. Unit measures continuously

b. Unit measures 31 samples per second
c. Samples are averages of measurements over _____ time or _____ depth.

4. Power Supply

a. Power supply is unstabilized _____ Maximum fluctuations + _____ Volts about _____ volts nom
(b.) Power supply to the following portions of the system is stabilized. underwater unit

5. Field Checks (Indicate any operational "Deck" tests routinely made on the system (e.g., ice point tests on temperature sensors, electrical tests, etc.). (Describe)

6. Thermal Environment

a. Instrument stored in water bath at _____ °C to °C

C. Reduction-Processing

1. Primary Data Output

a. Strip chart (state scale setting (s))
b. Paper tape
(c.) Magnetic tape

(1) Digital
(2) Analog

2. Initial Reduction

(a.) Down trace only
b. Down trace and up trace processed

(1) Separate
(2) Averaged

c. Multiple lowerings _____ through depth interval _____
d. Values smoothed against depth. Describe (e.g., running average, etc.)
(e.) Special routines to compensate for "spiking" (describe)
f. Compression applied to final data record (i.e., vertical spacing, rounding of depth, temperature, salinity, etc.)
described in data report

3. Corrections

a. Were corrections applied to final data?

b. Corrections based on (by parameter)

(1) Surface sample
(2) On-line samplers (give depth relation to probe) T, S (1.5 m above probe)
(3) Separate lowerings (Nansen casts, other probes)
(4) Other _____

c. For corrected data, what is the estimated average accuracy of the final data? For uncorrected data, what is the average bias (if known)?

#s 2567

(1)	Depth-pressure	± 1.6 db
(2)	Temperature	± 0.005°C
(3)	Salinity	± 0.001 mmhos
(4)	Sound Velocity	± _____

ACCESSION NO. 8300050 FILETYPE F022 TRACK NO. [redacted] PROJECT IDENTIFICATION CORE 0119

TEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG ~~TAPE~~ OPTICAL	4-16-94	FJW	PhiL_HUDSELL	25	40	[redacted]	8053
~~DUPLICATE TAPE~~ DAMUS DISK	↓	↓	DNODC#8300050.DAT.	1	40	224	↓
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
PD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

Current Meter & XBT Processed

CTD NOT Processed

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ERROR CORRECTION DOCUMENTATION FORM

PDF
B: 3; 5

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8300050

1) File Type: C139

2) Project Ident.: 0119 → Coastal Ocean Dynamics Exper.

3) Track Nos.:

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)
Bob Data located /USR/NODC/0032/8300050.001 → 8300050.025 CLP	

II. Additional error corrections:

Error	Correction Completed (Check)

III. Processor Name:

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8300050

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	7/22/83	LH	CORVAL	1	4000	80	25
QUADI/SCAN TAPE	7/22/83	LH	W08634	1	4000	80	25
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

SESSION/TRACK NO.: 83.00050

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	CORVAL	NL	80	4000	FB		25
DUPLICATE	W08634	NL	80	4000	FB		25
REFORMATTED							
FIRST USER							
FINAL USER							

DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

SAMPLING AND DATA PROCESSING PROCEDURES

A Neil Brown Instruments Mark IIIb conductivity-temperature-depth probe (CTD) was used to obtain continuous profiles of temperature and salinity versus pressure at each station. Sampling procedures were identical with those described by Fleischbein, Gilbert, Schramm and Huyer (1981), except that the probe with a 1600 db pressure sensor rating (probe #2567) was used for all stations.

The CTD probe was calibrated for pressure, temperature and conductivity by the manufacturer prior to delivery in the fall of 1980. *In situ* calibration data were also collected for temperature and conductivity sensors. A Niskin bottle equipped with 3 protected reversing thermometers was mounted about 2 m above the CTD sensors to provide calibration samples. The thermometers have an accuracy of ±0.02°C and are corrected using the results of calibrations done once every 2 years. Water sample salinity is determined by Guildline Model 8400 "Autosal" salinometers with precision of better than ±0.002°/$_{oo}$ and accuracy of ±0.003°/$_{oo}$.

CTD data are recorded at the actual sample depth after the bottle is tripped. Occasionally due to large wire angles the CTD and sample bottles do not remain at the same depth (and temperature) during soak time. When this resulted in relatively large differences between the sample and CTD temperature readings, these points were eliminated from the overall CTD-sample comparisons.

Duplicate salinity samples were drawn from the Niskin bottle at each station. Set #1 was analyzed on OSU's Autosal #3 and set #2 on OSU's Autosal #1. Comparisons between the duplicates are within the precision of the Autosal salinometers (Table 3).

Results of the comparison between *in situ* sample data and the CTD output are summarized in Table 3 and Figure 2. The sample conductivity was calculated using the CTD temperature and sample salinity. CTD conductivity was corrected for the pressure and temperature effects on the cell prior to the comparison. The temperature differences are within the sampling and instrument errors so no further corrections were applied to temperature prior to processing the data. The conductivity differences using the average of bottle salinity sets 1 and 2 showed a mean offset of 0.011 mmhos cm^{-2} and this correction was added to the CTD conductivity prior to processing the data.

The data were processed in the manner described by Gilbert, Huyer and Schramm (1981), using a value of 0.862 for the coefficient, α, of the conductivity filter. Station 15 showed a sudden change in conductivity at 343 db that was probably due to detritus in the cell so the processed salinity was linearly interpolated from 343-345 db.

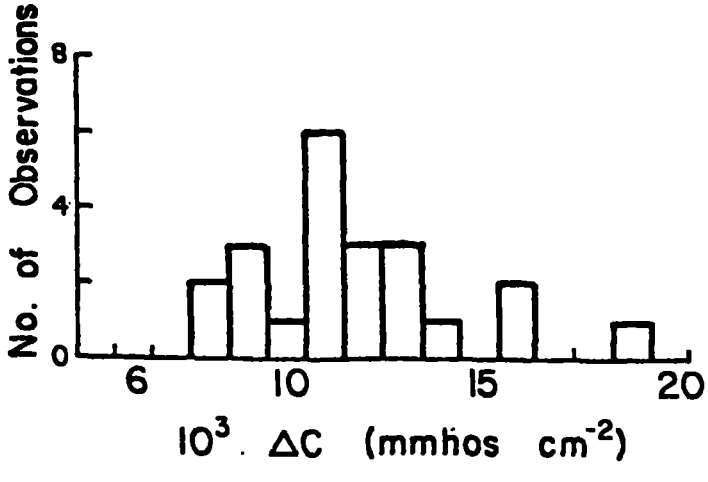


Figure 2. Histogram of the differences in conductivity between the calibration sample and the uncorrected CTD output.

Table 2. Characteristics of CTD probe 2567.

Probe	Sample Interval	Temperature Time Constant		Sensors P	T	C
2567	32 ms	180 ms	Range:	1600db	-3 to 32°C	1 to 65 mmhos
			Resolution:	0.025db	.0005°C	.005 mmhos
			Accuracy:	±1.6db	±.005°C	±.001 mmhos

Table 3. Summary of the differences between the *in situ* calibration data and the Neil Brown CTD probe.

Sta. No.	Temperature ΔT(°C) N	mean	s.d.	Conductivity ΔC (mmhos cm^{-2}) N	mean	s.d.	Salinity N	mean	s.d.	Conductivity Correction
				Bottle Salinity Set 1						
1-23	21	-0.011	0.012	23	.012	.003	23	.012	.003	0.011
				Bottle Salinity Set 2						
				23	.011	.003	23	.012	.003	
				S_1 and S_2 Averaged						
				21	.011	.002	21	.012	.002	

RECORD NAME MASTER (HEADER) Records

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
1ST MASTER					
CAST NO.	1	5		A5	Sequential Cast No.
BLANK	6	75		X75	BLANKS
2ND MASTER					
BLANK	1	80		X80	BLANK
3RD MASTER					
STATION No. AND NAME	1	12		1X A7 I4	BLANK 'STATION' NUMBER
	13	1		A1	','
	14			X1	BLANK
	15	7		A7	NAME
	22	58		X58	BLANKS
4TH MASTER					
LATITUDE	1	5		A5	'LAT: '
	6	2		I2	degrees
	8	1		X1	BLANK
	9	4		F4.1	minutes
	13	1		X1	BLANK
	14	1		A1	ALWAYS 'N'
5TH MASTER					
DATE	1	2		I2	DAY
	3	1		X1	BLANK
	4	3		A3	MONTH (Alpha)

FORM 24-11

RECORD NAME MASTER (HEADER) RECORDS

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (Fwd. Bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. DESCRIPTION MEANING
BLANK	7	1		X1	BLANK
YEAR	8	4		I4	YEAR.
BLANK	12	69		X69	BLANK
6TH MASTER					
LONGITUDE					
	1	5		A6	'LONG:'
Degrees	6	3		I3	Degrees
BLANK	9	1		X1	BLANK
MINUTES	10	4		F4.1	minutes to 1/10'S
BLANK	14	1		X1	BLANK
HEMISPHERE	15	1		A1	ALWAYS 'W'
BLANK	16	65		X65	BLANKS
7TH MASTER					
TIME	1	4		I4	hours & minutes
GMT	5	4		A4	'GMT'
BLANK	9	72		X72	BLANKS
8TH MASTER					
Probe NO.					
		1	3	A3	'CTD'
NUMBER		4	4	I4	Number (SERIAL)
BLANK		8	73	X73	BLANKS

RECORD FORMAT DESCRIPTION

RECORD NAME MASTER (HEADER) RECORDS & Detail Records

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
9TH MASTER					
Distance from Shore	1	5		F5.1	distance in Kms.
	6	13		A13	'KM FROM Shore'
BLANK	19	62		[redacted]X62	BLANKS
10TH & 11TH	1	80	[redacted]	X80	BLANK LINES
MASTER	1	80	[redacted]	X80	
Detail Record. (Repeated)					
DEPTH (Pressure)	1	6		F6.1	decibars to 1/10's
BLANK	7	1		X1	BLANK
TEMPERATURE.	8	6		F6.3	°C TO 1/1000's
BLANK	13	1		X1	BLANK
SALINITY	14	6		F6.3	°/oo TO 1/1000's
BLANK	20	61		X61	BLANKS

NOAA FORM 24-13

Unique No.: 235139 Date of Entry: 04/18/94

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8300050 Reference No.: TW5480
Former Accession No.: Former Reference No.: (Resub ONLY)

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

Exchange Format: E018 - STD/CTD (F022)

Processing Format: F022 - CTD/STD

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

Country/Institute Code: 3103 Country/Platform Code: 32WC

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: CODE 2 LEG 0

Cruise Start Date: 02/27/82 Project Code: 0119

Cruise End Date: 03/01/82 Data Use Code (DUC): 3

Number of Stations: 25 Number of Records: 1,592

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 57A Meaning: NE Pacific (limit-180)
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 235140 Date of Entry: 04/18/94

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8300050 Reference No.: 329943
Former Accession No.: Former Reference No.: (Resub ONLY)

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

Exchange Format: E001 - Low Resolution STD

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

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

Country/Institute Code: 3103 Country/Platform Code: 32WC

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TW5480

Cruise Start Date: 02/27/82 Project Code: 0119

Cruise End Date: 03/01/82 Data Use Code (DUC): 3

Number of Stations: 25 Number of Records: 1,592

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 57A Meaning: NE Pacific (limit-180)
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

```
Password:
 accNo   fleA refNo  proj inst ship    startDate  cruise   catId
 ------- ---- ------ ---- ---- ------- ---------- -------- ----------
 8300050 C116 055651 9999 3105 319J    1982/10/20 ALPAT         321072
 8300050 C116 055650 9999 3105 31NW    1983/03/16 NULL          321071
 8300050 C116 055654 9999 3105 31OF    1983/03/02 WESTPAC8      321074
 8300050 C116 055648 9999 3105 31Y5    1983/02/18 CARIB-83      321069
 8300050 C116 055653 9999 3105 31YM    1983/01/26 BERMUDA-      321073
 8300050 C116 055649 9999 3105 321G    1983/03/11 READEX-8      321070
 8300050 C116 055655 9999 3105 327M    1983/03/27 MED 83        321075
 8300050 F022 BL2817 0119 3103 32WC    1982/02/26 CODE2LEG      321076
 8300050 C022 329943 0119 3103 32WC    1982/02/27 TW5480        321077
 8300050 F022 TW5480 0119 3103 32WC    1982/02/27 CODE 2 L      321078

(10 rows affected)
```

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8300050 C116 055651 319J 16     16     82/10/20   82/10/26
 8300050 C116 055650 31NW 45     35     83/03/16   83/04/05
 8300050 C116 055654 31OF 23     23     83/03/02   83/03/31
 8300050 C116 055648 31Y5 29     29     83/02/18   83/03/30
 8300050 C116 055653 31YM 87     84     83/01/26   83/02/24
 8300050 C116 055649 321G 57     52     83/03/11   83/03/31
 8300050 C116 055655 327M 12     3      83/03/27   83/03/29
 8300050 F022 BL2817 32WC 25     NULL   82/02/26   82/03/01
 8300050 C022 329943 32WC 25     NULL   82/02/27   82/03/01
 8300050 F022 TW5480 32WC 25     1592   82/02/27   82/03/01

(10 rows affected)
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