

Unique No.: 208282

Date of Entry: 05/06/92

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9200085 Reference No.: TW0996
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 07 - 5.25-inch Floppy Diskette

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: 3124 Country/Platform Code: 32GY
Platform Type (DINDB): 09 - Ship Orig. Cruise ID: 92G02
Cruise Start Date: 01/26/92 Project Code: 0215
Cruise End Date: 01/29/92 Data Use Code (DUC): 3

Number of Stations: 8 Number of Records: 1,488

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 26 Meaning: Gulf of Mexico
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

3278

Unique No.: 208284

Date of Entry: 05/06/92

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9200085 Reference No.: TW0997
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 07 - 5.25-inch Floppy Diskette

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: 3124 Country/Platform Code: 32GY
Platform Type (DINDB): 09 - Ship Orig. Cruise ID: 92G03
Cruise Start Date: 03/16/92 Project Code: 0215
Cruise End Date: 03/20/92 Data Use Code (DUC): 3

Number of Stations: 16 Number of Records: 1,790

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 26 Meaning: Gulf of Mexico
 Code 2: Meaning:
 Code 3: Meaning:

DINDB Transaction Date:

ACCESSION NO. 9200085FILETYPE F022TRACK NO. W0996-7PROJECT IDENTIFICATION TIGER

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE <u>Disquettes</u>	<u>4-16-92</u>	<u>FJM</u>	<u>2 FLOPPIES</u>	<u>40</u>	<u>*</u>		<u>**</u>
DUPLICATE TAPE <u>DAMUS DISK</u>	<u>4-22-92</u>	<u>FJM</u>	<u>***</u>	<u>3</u>	<u>*</u>	<u>224</u>	<u>↓</u>
REFORMATTED TAPE	<u>4-24-92</u>	<u>R.P.S.</u>	<u>W55742 ***</u>	<u>1</u>	<u>120</u>	<u>12000</u>	<u>3278</u>
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

~~ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:~~ ***BT : LRECL = 19
CTD : LRECL = 45

** 16,455 CTD RECORDS

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

TIGER1CTD.
TIGER2CTD.
TIGERXBT.

1000 3121
000 3264

~~COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)~~

DNODC * TEXASCTDOUT.

0022A

TEXAS A&M UNIVERSITY

COLLEGE OF GEOSCIENCES

COLLEGE STATION, TEXAS 77843-3146

Reply to
Department of
OCEANOGRAPHY

14 April 1992

Dr. Francis J. Mitchell
NOAA/National Oceanographic Data Center
Data Acquisition and Management Branch
1825 Connecticut Avenue, NW
Washington, DC 20235

Dear Dr. Mitchell:

Enclosed are two IBM 5 1/4" diskettes of CTD and XBT data collected during operation from R/V Gyre Cruises 92G02 and 92G03. Only CTD data was collected from cruise 92G03. In all, there are 48 data files on these two disks, to archive temperature and salinity versus depth for stations from the Cayman islands to Galveston, Texas. The CTD data have been 1 metered averaged.

Under Cooperative Agreement 14-35-0001-30501, TAMU is pleased to share these Hydrographic data with NODC. The data will fall under NODC project number 0215 for TIGER cruises in the gulf. If you have any questions regarding the data please call David Voegele at (409)-845-7214.

Sincerely,



David J. Voegele
Research Assistant
Technical Support Services Group
TELEX 23 7401986 (TECH UC)
OMNET/TELEMAIL = TAMU.TECHS

9200085

Copies: Dr. D.C. Biggs
Ann Jochens



DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

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

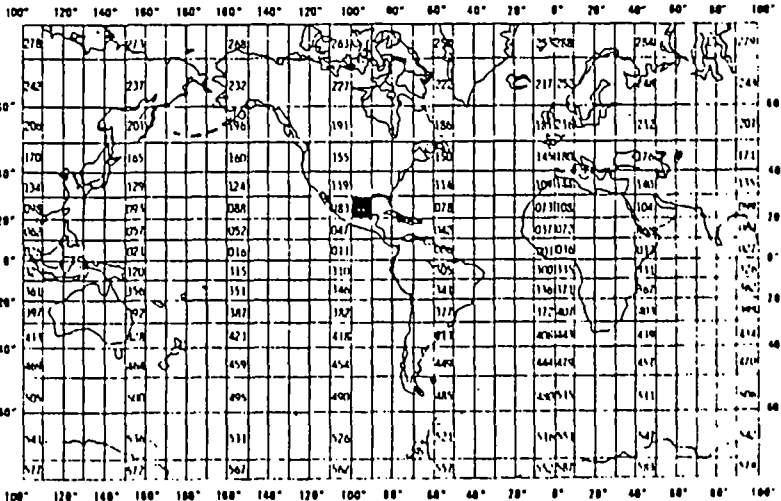
FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(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.

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 Department of Oceanography Texas A&M University College Station, Texas 77843 <div style="text-align: right; margin-top: 10px;">ATTN: DAVID VOEGELE</div>															
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED R/V GYRE CRUISE 92G02 R/V GYRE CRUISE 92G03		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 92G02 + 92G03													
4. PLATFORM NAME(S) R/V GYRE	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">6. PLATFORM AND OPERATOR NATIONALITY(IES)</th> <th colspan="2" style="text-align: left;">7. DATES</th> </tr> <tr> <th style="text-align: left;">PLATFORM</th> <th style="text-align: left;">OPERATOR</th> <th style="text-align: left;">FROM: MO/DAY/YR</th> <th style="text-align: left;">TO: MO/DAY/YR</th> </tr> <tr> <td style="text-align: center;">USA</td> <td style="text-align: center;">USA</td> <td>01/23/92 3/16/92</td> <td>01/30/92 3/20/92</td> </tr> </table>		6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR	USA	USA	01/23/92 3/16/92	01/30/92 3/20/92
6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES													
PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR												
USA	USA	01/23/92 3/16/92	01/30/92 3/20/92												
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. <div style="text-align: center; margin-top: 10px;">GENERAL AREA</div> 													
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		(Continuation of the map area)													
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <div style="text-align: center; margin-top: 20px;">Same as item-1 (409)845-7214</div>															

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
TEMPERATURE	°C	SEABIRD CTD MODEL SBE 9	N/A	VALUES AVERAGED OVER 1 METER INTERVALS
"	"	XBT - SIPPICAN	N/A	NONE
SALINITY	PSU	SEABIRD CTD MODEL SBE 9	N/A	VALUES AVERAGED OVER 1 METER INTERVALS
TRANSMISSOMETER	VOLTS	SEATECH 25cm	N/A	VALUES AVERAGED OVER 1 METER INTERVALS

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

CTD - FILE NAMES BEGIN WITH A C2G
XBT - FILE NAMES BEGIN WITH X2G

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

CTD - ASCII, HEADER INFO AT TOP OF FILE
XBT - ASCII, HEADER INFO AT TOP OF FILE

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER DAVID VOEGELE 409-845-7214
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	
<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>_____</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>	

Q14M 24.10

14. FILE NAME

15. POSITIONED TO

17. ATTRIBUTES

18. USE AND MEASURING

HEADER
INFO

CRUISE:

9 5

DATE:

7 10

TIME:

7 8

LAT:

6 10

LON:

6 10

STN.

6 2

PROBE TYPE:

13 3

BLANK LINE

Ø 80

COLUMN HEADER

Ø 80

BLANK LINE

Ø 80

DATA { DEPTH

3 6

TEMP

14 5

CRUISE NUMBER

GMT DATE

GMT TIME

LATITUDE

LONGITUDE

STATION NUMBER

PROBE TYPE

SPACING

LABELS COLUMNS

SPACING

DEPTH (METERS)

TEMPERATURE (°C)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>Character</u> (e.g., bitn, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Cruise	89	5			Cruise number
DATE	7	34			Date in GMT
TIME	7	8			Time in GMT
Lat	6	8			Latitude of station
Lon	6	8			Longitude of station
Station name	0	12			Station name
blank line	0	80			spacing line
Column header	0	80			Labels columns
blank line	0	80			spacing line
data line	depth	1	810		CTD depth
	temp	16	7		CTD temp
	Salinity	27	7		CTD Salinity
	XSM Volts.	40	5		CTD transmissometer voltage

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (n.A., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Header info {	PT	0	3		probe type
	Cruise	6	5		Cruise number
	Station	11	11		Station identifier
	Date	26	7		GMT date
	Time	34	4		GMT time
	Lat	42	6		Latitude
	Lon	44	6		Longitude
Data {	Line #	0	3		Line number
	Depth	6	5		Depth
	Temp	13	5		temperature

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
SBE 9	6/15/90	✓	SEABIRD	✓		✓			
XBT SIPPICAN MARK 9		✓				✓			

0:

1:022TW099220001 572850N1544190W
13:022TW099220002 573010N1544710W
53:022TW099220003 573280N1545240W
98:022TW099220004 573620N1550060W
145:022TW099220005 573830N1550460W
196:022TW099220006 574100N1551030W
254:022TW099220007 574330N1551560W
281:022TW099220008 574140N1551420W
339:022TW099220009 573590N1550150W
386:022TW099220010 572930N1544740W
424:022TW099220011 584610N1521600W
448:022TW099220012 590030N1515650W
487:022TW099220013 590180N1515380W
526:022TW099220014 583540N1504890W
563:022TW099220015 584250N1505040W
601:022TW099220016 584900N1505330W
638:022TW099220017 585320N1505440W
667:022TW099220018 585710N1505580W
697:022TW099220019 590070N1505900W
728:022TW099220020 590590N1505990W

000559110010138
001959110010214
002209110010301
002269110010402
002469110010451
002839110010547
001289110010634
002849110011611
002269110012136
001819110020050
001159110032102
001879110040153
001879110040247
001779110042227
001849110050038
001789110050227
001409110050502
001459110050549
001489110050632
001619110050725

EOF:761

0:

END ED. NO CORRECTIONS APPLIED

@ED,R F022MARY.TW0996

READ-ONLY MODE

ED 16R1D TUE-07/05/94-11:28:55-(0,)

EDIT

0:

0:

1:022TW0996200001213003N0860001W
214:022TW0996200002241502N0892777W
312:022TW0996200003244500N0900623W
511:022TW0996200004251493N0904498W
713:022TW0996200005254497N0913480W
915:022TW0996200006261522N0921183W
1115:022TW0996200007264500N0923550W
1317:022TW0996200008271498N0930038W
1489:022TW0997200001284578N0950011W
1494:022TW0997200002282600N0945900W
1502:022TW0997200003281270N0950020W
1512:022TW0997200004275528N0950002W
1532:022TW0997200005264114N0945949W
1831:022TW0997200006273710N0950008W
1908:022TW0997200007275005N0945987W
1948:022TW0997200008263880N0944480W
2049:022TW0997200009264114N0945919W
2070:022TW0997200010264103N0945934W
2349:022TW0997200011264050N0945820W
2635:022TW0997200012264121N0945981W
2836:022TW0997200013263716N0944920W
2966:022TW0997200014264053N0945730W
3235:022TW0997200015273730N0950920W
3242:022TW0997200016274768N0950273W

010569201260526
004849201271120
009909201271755
010059201280033
010029201281141
009939201281904
010029201290032
008519201290554
000189203161118
000349203161756
000439203162319
000959203170157
014899203171457
003809203191536
001939203200554
005009203172225
000989203180054
013899203180217
014259203181143
009979203181449
006429203182337
013369203190522
000299203200102
001789203201020

3278

END ED. NO CORRECTIONS APPLIED

@ED,R F022MARY.TW0998

READ-ONLY MODE

ED 16R1D TUE-07/05/94-11:30:08-(0,)

3,278 records

```

1      @RUN,N/R D0996C,EG12008N3AV1,DNODC,030/,199
2      @SYM PRINT$,1,PR5
3      @X$*COVER.COVER BIN-09,CH0996,LST
4      @PRT,S DNODC*CLIFT.022CHECK
5      @ASG,T PRINT-OUT.
6      @XQT DNODC*ABS$.GET-SYS
7      F022
8      M201600          89
9      M2023000         179
10     M204670          94
11     N301600000       60000
12     N302610000       37500
13     N304610000       37500
14     N306610000       37500
15     N308610000       37500
16     N310610000       37500
17     N602610000       37500
18     N604610000       37500
19     N606610000       37500
20     N608610000       37500
21     N610610000       37500
22     N802610000       37500
23     N804610000       37500
24     N806610000       37500
25     N808610000       37500
26     N810610000       37500
27     @EOF
28     @ASG,A DNODC*NUMCODEISAM.
29     @USE ISAM,DNODC*NUMCODEISAM.
30     @DFP,E DNODC*MPD75.TW0996/F022,TPF$.IN
31     FILE=/PAR
32     @END
33     @USE SYSIN,PRINT-OUT.
34     @ASG,T SORTIN.,F///6000
35     @XQT DNODC*ABS$.MULCHEK
36     @FREE ISAM.
37     @ASG,A DNODC*TAXISAM.
38     @USE ISAM,DNODC*TAXISAM.
39     @ASG,T SORTOUT.,F///8000
40     @XQT DNODC*ABS$.STATAX
41     @FREE ISAM.
@ASG,T PRINT-OUT.
@XQT DNODC*ABS$.GET-SYS
F022
M201600          89
M2023000         179
M204670          94
N301600000       60000
N302610000       37500
N304610000       37500
N306610000       37500
N308610000       37500
N310610000       37500
N602610000       37500
N604610000       37500
N606610000       37500
N608610000       37500
N610610000       37500
N802610000       37500
N804610000       37500

```

```

N806610000      37500
N808610000      37500
N810610000      37500
OF CHANGE CONTROL CARDS
@ASG,A DNODC*NUMCODEISAM.
@USE ISAM,DNODC*NUMCODEISAM.
@DFP,E DNODC*MPD75.TW0996/F022,TPF$.IN
DFP 2R1 75R2T2 07/07/94 13:58:02
GENERATION ID IS DFP2R1
END DFP.
@END
@END IGNORED - IN CONTROL MODE
@USE SYSIN,PRINT-OUT.
@ASG,T SORTIN.,F///6000
@XQT DNODC*ABS$.MULCHEK

```

```

NSDCHEK *** NON-STANDARD DATA FIELD CHECKING PROGRAM
THIS IS 06/21/82 VERSION WITH LINE NUMBERS ON ERRORS
USER'S INPUT REQUESTS FOLLOW:
LRECL HAS BEEN SPECIFIED AS 120
STATION HEADER RECORD SPECIFIED AS 2
RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS
FILETYPE IS 022
RECORD TYPES FLAGGED FOR RETRIEVAL ARE - 12345678
STATION STARTS IN POSITION 11 FOR 5 BYTES
STATION WILL APPEAR ON RECORD TYPES : 12345678
NO OBVIOUS ERRORS FOUND IN TABLE GENERATION PHASE - SUCCESSFUL EXECUTION EXPECTE

```

```

*****
0 022TW0996200001213003N0860001W      010569201260526
??????

```

FIRST FILE ID

THE FIELDS BELOW WERE CHECKED AS FOLLOWS(S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMBER
 T R POS LEN NAME RANGE TESTED
 - - - - - LOW H

Z	1	11	5	STATION NUMBER		
Z	1	16	100	TEXT		
N	1	116	5	SEQUENCE NUMBER 1.	00001	9999
Z	2	11	5	STATION NUMBER		
M	2	16	2	LAT DEG 1.	00	89
M	2	18	4	LAT MIN .01	0000	5999
C	2	22	1	0500 LAT HEMISPHERE		
M	2	23	3	LON DEG 1.	000	179
M	2	26	4	LON MIN .01	0000	5999
C	2	30	1	0501 LON HEMISPHERE		
Z	2	31	10	TEXT		
N	2	41	5	COUNT OF SCANS 1.	00001	9999
M	2	46	2	DATE YEAR 1.	70	94
M	2	48	2	DATE MONTH 1.	01	12
M	2	50	2	DATE DAY 1.	01	31
M	2	52	2	DATE HR 1.	00	23
N	2	54	2	DATE MIN 1.	00	59
C	2	56	1	0216 DEPTH INTERVAL		
N	2	57	3	DEPTH M .1	001	100
N	2	60	5	PRESSURE MB .1	09448	1052
		65	4	WET BULB TEMPERATURE DEG C .1	-300	0400
		69	4	TEMPERATURE DEG C .1	-300	0400
C	2	73	2	0110 WIND-WAVE DIRECTION		
N	2	75	2	WIND SPEED KNOTS	00	70
C	2	77	1	0108 WEATHER (WMO4501)		
C	2	78	1	0109 SEA STATE (WMO3700)		

C 2	79	1 0157 VISIBILITY (WMO4300)		
C 2	80	1 0053 CLOUD TYPE (WMO500)		
	81	1 0105 CLOUD AMT (WMO2700)		
	82	20 TEXT		
Z 2	102	6 TEXT		
N 2	108	5 BATHYMETRY M 1.	00000	0800
N 2	113	4 DEPTH M 1.	0000	6000
C 2	117	1 0502 SALINITY FLAG		
C 2	118	1 0508 CAST DIRECTION		
B 2	119	2 BLANK(S)		
Z 3	11	5 STATION NUMBER		
N 3	16	5 DEPTH M .1	00000	6000
N 3	21	5 TEMPERATURE DEG C .001	-2000	3300
N 3	26	5 SALINITY PPT .001	10000	3750
N 3	31	4 DENSITY .01	0315	3000
C 3	35	1 0080 STD-SCAN CONDITION		
N 3	36	5 DEPTH M .1	00001	6000
N 3	41	5 TEMPERATURE DEG C .001	-2000	3300
N 3	46	5 SALINITY PPT .001	10000	3750
N 3	51	4 DENSITY .01	0315	3000
C 3	55	1 0080 STD-SCAN CONDITION		
N 3	56	5 DEPTH M .1	00001	6000
N 3	61	5 TEMPERATURE DEG C .001	-2000	3300
N 3	66	5 SALINITY PPT .001	10000	3750
N 3	71	4 DENSITY .01	0315	3000
C 3	75	1 0080 STD-SCAN CONDITION		
N 3	76	5 DEPTH M .1	00001	6000
N 3	81	5 TEMPERATURE DEG C .001	-2000	3300
N 3	86	5 SALINITY PPT .001	10000	3750
	91	4 DENSITY .01	0315	3000
C 3	95	1 0080 STD-SCAN CONDITION		
N 3	96	5 DEPTH M .1	00001	6000
N 3	101	5 TEMPERATURE DEG C .001	-2000	3300
N 3	106	5 SALINITY PPT .001	10000	3750
N 3	111	4 DENSITY .01	0315	3000
C 3	115	1 0080 STD-SCAN CONDITION		
N 3	116	5 SEQUENCE NUMBER 1.	00001	9999
Z 4	11	5 STATION NUMBER		
N 4	16	5 DEPTH M .1	00001	6000
N 4	21	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	26	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	31	4 BLANK(S)		
C 4	35	1 0080 STD-SCAN CONDITION		
N 4	36	5 DEPTH M .1	00001	6000
N 4	41	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	46	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	51	4 BLANK(S)		
C 4	55	1 0080 STD-SCAN CONDITION		
N 4	56	5 DEPTH M .1	00001	6000
N 4	61	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	66	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	71	4 BLANK(S)		
C 4	75	1 0080 STD-SCAN CONDITION		
	76	5 DEPTH M .1	00001	6000
	81	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	86	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	91	4 BLANK(S)		
C 4	95	1 0080 STD-SCAN CONDITION		
N 4	96	5 DEPTH M .1	00001	6000

N 4	101	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	106	5 LIGHT ATTENUATION PERCENT .001	00001	9900
	111	4 BLANK(S)		
	115	1 0080 STD-SCAN CONDITION		
N 4	116	5 SEQUENCE NUMBER 1.	00001	9999
Z 5	11	5 STATION NUMBER		
N 5	16	5 DEPTH M .1	00001	6000
N 5	21	5 TEMPERATURE DEG C .001	-2000	3300
N 5	26	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 5	31	4 BLANK(S)		
C 5	35	1 0080 STD-SCAN CONDITION		
N 5	36	5 DEPTH M .1	00001	6000
N 5	41	5 TEMPERATURE DEG C .001	-2000	3300
N 5	46	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 5	51	4 BLANK(S)		
C 5	55	1 0080 STD-SCAN CONDITION		
N 5	56	5 DEPTH M .1	00001	6000
N 5	61	5 TEMPERATURE DEG C .001	-2000	3300
N 5	66	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 5	71	4 BLANK(S)		
C 5	75	1 0080 STD-SCAN CONDITION		
N 5	76	5 DEPTH M .1	00001	6000
N 5	81	5 TEMPERATURE DEG C .001	-2000	3300
N 5	86	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 5	91	4 BLANK(S)		
C 5	95	1 0080 STD-SCAN CONDITION		
N 5	96	5 DEPTH M .1	00001	6000
N 5	101	5 TEMPERATURE DEG C .001	-2000	3300
N 5	106	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
	111	4 BLANK(S)		
	115	1 0080 STD-SCAN CONDITION		
N 5	116	5 SEQUENCE NUMBER 1.	00001	9999
Z 6	11	5 STATION NUMBER		
N 6	16	5 PRESSURE DB .1	00000	6000
N 6	21	5 TEMPERATURE DEG C .001	-2000	3300
N 6	26	5 SALINITY PT .001	10000	3750
N 6	31	4 DENSITY .01	0315	3000
C 6	35	1 0080 STD-SCAN CONDITION		
N 6	36	5 PRESSURE DB .1	00000	6000
N 6	41	5 TEMPERATURE DEG C .001	-2000	3300
N 6	46	5 SALINITY PT .001	10000	3750
N 6	51	4 DENSITY .01	0315	3000
C 6	55	1 0080 STD-SCAN CONDITION		
N 6	56	5 PRESSURE DB .1	00000	6000
N 6	61	5 TEMPERATURE DEG C .001	-2000	3300
N 6	66	5 SALINITY PT .001	10000	3750
N 6	71	4 DENSITY .01	0315	3000
C 6	75	1 0080 STD-SCAN CONDITION		
N 6	76	5 PRESSURE DB .1	00000	6000
N 6	81	5 TEMPERATURE DEG C .001	-2000	3300
N 6	86	5 SALINITY PT .001	10000	3750
N 6	91	4 DENSITY .01	0315	3000
C 6	95	1 0080 STD-SCAN CONDITION		
	96	5 PRESSURE DB .1	00000	6000
N 6	101	5 TEMPERATURE DEG C .001	-2000	3300
N 6	106	5 SALINITY PT .001	10000	3750
N 6	111	4 DENSITY .01	0315	3000
C 6	115	1 0080 STD-SCAN CONDITION		
N 6	116	5 SEQUENCE NUMBER	00001	9999

Z 7	11	5 STATION NUMBER		
N 7	16	5 PRESSURE DB .1	00000	6000
	21	5 TEMPERATURE DEG C .001	-2000	3300
	26	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	31	4 BLANK(S)		
C 7	35	1 0080 STD-SCAN CONDITION		
N 7	36	5 PRESSURE DB .1	00000	6000
N 7	41	5 TEMPERATURE DEG C .001	-2000	3300
N 7	46	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	51	4 BLANK(S)		
C 7	55	1 0080 STD-SCAN CONDITION		
N 7	56	5 PRESSURE DB .1	00000	6000
N 7	61	5 TEMPERATURE DEG C .001	-2000	3300
N 7	66	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	71	4 BLANK(S)		
C 7	75	1 0080 STD-SCAN CONDITION		
N 7	76	5 PRESSURE DB .1	00000	6000
N 7	81	5 TEMPERATURE DEG C .001	-2000	3300
N 7	86	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	91	4 BLANK(S)		
C 7	95	1 0080 STD-SCAN CONDITION		
N 7	96	5 PRESSURE DB .1	00000	6000
N 7	101	5 TEMPERATURE DEG C .001	-2000	3300
N 7	106	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	111	4 BLANK(S)		
C 7	115	1 0080 STD-SCAN CONDITION		
N 7	116	5 SEQUENCE NUMBER 1.	00001	9999
Z 8	11	5 STATION NUMBER		
	16	5 PRESSURE DB .1	00001	6000
	21	5 TEMPERATURE DEG C .001	-2000	3200
	26	5 SALINITY PPT .001	10000	3750
N 8	31	4 OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	35	1 0080 STD-SCAN CONDITION		
N 8	36	5 PRESSURE DB .1	00001	6000
N 8	41	5 TEMPERATURE DEG C .001	-2000	3200
N 8	46	5 SALINITY PPT .001	10000	3750
N 8	51	4 OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	55	1 0080 STD-SCAN CONDITION		
N 8	56	5 PRESSURE DB .1	00001	6000
N 8	61	5 TEMPERATURE DEG C .001	-2000	3200
N 8	66	5 SALINITY PPT .001	10000	3750
N 8	71	4 OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	75	1 0080 STD-SCAN CONDITION		
N 8	76	5 PRESSURE DB .1	00001	6000
N 8	81	5 TEMPERATURE DEG C .001	-2000	3200
N 8	86	5 SALINITY PPT .001	10000	3750
N 8	91	4 OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	95	1 0080 STD-SCAN CONDITION		
N 8	96	5 PRESSURE DB .1	00001	6000
N 8	101	5 TEMPERATURE DEG C .001	-2000	3200
N 8	106	5 SALINITY PPT .001	10000	3750
N 8	111	4 OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	115	1 0080 STD-SCAN CONDITION		
	116	5 SEQUENCE NUMBER		
RECORDS READ : 1488			NO RANGE CHECK	
STATIONS FOUND 8				

1488 022TW0997200001284578N0950011W 000189203161118

??????

FILE ID HAS CHANGED

7			FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMBER		RANGE TESTED	
POS	LEN	NAME			LOW	H
Z 1	11	5 STATION NUMBER				
Z 1	16	100 TEXT				
N 1	116	5 SEQUENCE NUMBER 1.			00001	9999
Z 2	11	5 STATION NUMBER				
M 2	16	2 LAT DEG 1.			00	89
M 2	18	4 LAT MIN .01			0000	5999
C 2	22	1 0500 LAT HEMISPHERE				
M 2	23	3 LON DEG 1.			000	179
M 2	26	4 LON MIN .01			0000	5999
C 2	30	1 0501 LON HEMISPHERE				
Z 2	31	10 TEXT				
N 2	41	5 COUNT OF SCANS 1.			00001	9999
M 2	46	2 DATE YEAR 1.			70	94
M 2	48	2 DATE MONTH 1.			01	12
M 2	50	2 DATE DAY 1.			01	31
M 2	52	2 DATE HR 1.			00	23
N 2	54	2 DATE MIN 1.			00	59
C 2	56	1 0216 DEPTH INTERVAL				
N 2	57	3 DEPTH M .1			001	100
N 2	60	5 PRESSURE MB .1			09448	1052
N 2	65	4 WET BULB TEMPERATURE DEG C .1			-300	0400
N 2	69	4 TEMPERATURE DEG C .1			-300	0400
C 2	73	2 0110 WIND-WAVE DIRECTION				
N 2	75	2 WIND SPEED KNOTS			00	70
C 2	77	1 0108 WEATHER (WMO4501)				
C 2	78	1 0109 SEA STATE (WMO3700)				
C 2	79	1 0157 VISIBILITY (WMO4300)				
C 2	80	1 0053 CLOUD TYPE (WMO500)				
C 2	81	1 0105 CLOUD AMT (WMO2700)				
Z 2	82	20 TEXT				
Z 2	102	6 TEXT				
N 2	108	5 BATHYMETRY M 1.			00000	0800
N 2	113	4 DEPTH M 1.			0000	6000
C 2	117	1 0502 SALINITY FLAG				
C 2	118	1 0508 CAST DIRECTION				
B 2	119	2 BLANK(S)				
Z 3	11	5 STATION NUMBER				
N 3	16	5 DEPTH M .1			00000	6000
N 3	21	5 TEMPERATURE DEG C .001			-2000	3300
N 3	26	5 SALINITY PPT .001			10000	3750
N 3	31	4 DENSITY .01			0315	3000
C 3	35	1 0080 STD-SCAN CONDITION				
N 3	36	5 DEPTH M .1			00001	6000
N 3	41	5 TEMPERATURE DEG C .001			-2000	3300
N 3	46	5 SALINITY PPT .001			10000	3750
N 3	51	4 DENSITY .01			0315	3000
C 3	55	1 0080 STD-SCAN CONDITION				
N 3	56	5 DEPTH M .1			00001	6000
N 3	61	5 TEMPERATURE DEG C .001			-2000	3300
N 3	66	5 SALINITY PPT .001			10000	3750
N 3	71	4 DENSITY .01			0315	3000
C 3	75	1 0080 STD-SCAN CONDITION				
N 3	76	5 DEPTH M .1			00001	6000
N 3	81	5 TEMPERATURE DEG C .001			-2000	3300

N 3	86	5 SALINITY PPT .001	10000	3750
N 3	91	4 DENSITY .01	0315	3000
	95	1 0080 STD-SCAN CONDITION		
	96	5 DEPTH M .1	00001	6000
N 3	101	5 TEMPERATURE DEG C .001	-2000	3300
N 3	106	5 SALINITY PPT .001	10000	3750
N 3	111	4 DENSITY .01	0315	3000
C 3	115	1 0080 STD-SCAN CONDITION		
N 3	116	5 SEQUENCE NUMBER 1.	00001	9999
Z 4	11	5 STATION NUMBER		
N 4	16	5 DEPTH M .1	00001	6000
N 4	21	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	26	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	31	4 BLANK(S)		
C 4	35	1 0080 STD-SCAN CONDITION		
N 4	36	5 DEPTH M .1	00001	6000
N 4	41	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	46	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	51	4 BLANK(S)		
C 4	55	1 0080 STD-SCAN CONDITION		
N 4	56	5 DEPTH M .1	00001	6000
N 4	61	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	66	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	71	4 BLANK(S)		
C 4	75	1 0080 STD-SCAN CONDITION		
N 4	76	5 DEPTH M .1	00001	6000
N 4	81	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	86	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	91	4 BLANK(S)		
C 4	95	1 0080 STD-SCAN CONDITION		
	96	5 DEPTH M .1	00001	6000
N 4	101	5 OXYGEN, DISSOLVED GAS ML/L .001	00001	1500
N 4	106	5 LIGHT ATTENUATION PERCENT .001	00001	9900
B 4	111	4 BLANK(S)		
C 4	115	1 0080 STD-SCAN CONDITION		
N 4	116	5 SEQUENCE NUMBER 1.	00001	9999
Z 5	11	5 STATION NUMBER		
N 5	16	5 DEPTH M .1	00001	6000
N 5	21	5 TEMPERATURE DEG C .001	-2000	3300
N 5	26	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 5	31	4 BLANK(S)		
C 5	35	1 0080 STD-SCAN CONDITION		
N 5	36	5 DEPTH M .1	00001	6000
N 5	41	5 TEMPERATURE DEG C .001	-2000	3300
N 5	46	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 5	51	4 BLANK(S)		
C 5	55	1 0080 STD-SCAN CONDITION		
N 5	56	5 DEPTH M .1	00001	6000
N 5	61	5 TEMPERATURE DEG C .001	-2000	3300
N 5	66	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 5	71	4 BLANK(S)		
C 5	75	1 0080 STD-SCAN CONDITION		
N 5	76	5 DEPTH M .1	00001	6000
N 5	81	5 TEMPERATURE DEG C .001	-2000	3300
	86	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
	91	4 BLANK(S)		
C 5	95	1 0080 STD-SCAN CONDITION		
N 5	96	5 DEPTH M .1	00001	6000
N 5	101	5 TEMPERATURE DEG C .001	-2000	3300

N 5	106	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 5	111	4 BLANK(S)		
	115	1 0080 STD-SCAN CONDITION		
	116	5 SEQUENCE NUMBER 1.	00001	9999
Z 6	11	5 STATION NUMBER		
N 6	16	5 PRESSURE DB .1	00000	6000
N 6	21	5 TEMPERATURE DEG C .001	-2000	3300
N 6	26	5 SALINITY PT .001	10000	3750
N 6	31	4 DENSITY .01	0315	3000
C 6	35	1 0080 STD-SCAN CONDITION		
N 6	36	5 PRESSURE DB .1	00000	6000
N 6	41	5 TEMPERATURE DEG C .001	-2000	3300
N 6	46	5 SALINITY PT .001	10000	3750
N 6	51	4 DENSITY .01	0315	3000
C 6	55	1 0080 STD-SCAN CONDITION		
N 6	56	5 PRESSURE DB .1	00000	6000
N 6	61	5 TEMPERATURE DEG C .001	-2000	3300
N 6	66	5 SALINITY PT .001	10000	3750
N 6	71	4 DENSITY .01	0315	3000
C 6	75	1 0080 STD-SCAN CONDITION		
N 6	76	5 PRESSURE DB .1	00000	6000
N 6	81	5 TEMPERATURE DEG C .001	-2000	3300
N 6	86	5 SALINITY PT .001	10000	3750
N 6	91	4 DENSITY .01	0315	3000
C 6	95	1 0080 STD-SCAN CONDITION		
N 6	96	5 PRESSURE DB .1	00000	6000
N 6	101	5 TEMPERATURE DEG C .001	-2000	3300
N 6	106	5 SALINITY PT .001	10000	3750
N 6	111	4 DENSITY .01	0315	3000
	115	1 0080 STD-SCAN CONDITION		
	116	5 SEQUENCE NUMBER	00001	9999
Z 7	11	5 STATION NUMBER		
N 7	16	5 PRESSURE DB .1	00000	6000
N 7	21	5 TEMPERATURE DEG C .001	-2000	3300
N 7	26	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	31	4 BLANK(S)		
C 7	35	1 0080 STD-SCAN CONDITION		
N 7	36	5 PRESSURE DB .1	00000	6000
N 7	41	5 TEMPERATURE DEG C .001	-2000	3300
N 7	46	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	51	4 BLANK(S)		
C 7	55	1 0080 STD-SCAN CONDITION		
N 7	56	5 PRESSURE DB .1	00000	6000
N 7	61	5 TEMPERATURE DEG C .001	-2000	3300
N 7	66	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	71	4 BLANK(S)		
C 7	75	1 0080 STD-SCAN CONDITION		
N 7	76	5 PRESSURE DB .1	00000	6000
N 7	81	5 TEMPERATURE DEG C .001	-2000	3300
N 7	86	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
B 7	91	4 BLANK(S)		
C 7	95	1 0080 STD-SCAN CONDITION		
N 7	96	5 PRESSURE DB .1	00000	6000
N 7	101	5 TEMPERATURE DEG C .001	-2000	3300
	106	5 ELECTRICAL CONDUCTIVITY MILLIMHOS/CM .001	15000	5500
	111	4 BLANK(S)		
C 7	115	1 0080 STD-SCAN CONDITION		
N 7	116	5 SEQUENCE NUMBER 1.	00001	9999
Z 8	11	5 STATION NUMBER		

N 8	16	5	PRESSURE DB .1	00001	6000
N 8	21	5	TEMPERATURE DEG C .001	-2000	3200
N 8	26	5	SALINITY PPT .001	10000	3750
N 8	31	4	OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	35	1	0080 STD-SCAN CONDITION		
N 8	36	5	PRESSURE DB .1	00001	6000
N 8	41	5	TEMPERATURE DEG C .001	-2000	3200
N 8	46	5	SALINITY PPT .001	10000	3750
N 8	51	4	OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	55	1	0080 STD-SCAN CONDITION		
N 8	56	5	PRESSURE DB .1	00001	6000
N 8	61	5	TEMPERATURE DEG C .001	-2000	3200
N 8	66	5	SALINITY PPT .001	10000	3750
N 8	71	4	OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	75	1	0080 STD-SCAN CONDITION		
N 8	76	5	PRESSURE DB .1	00001	6000
N 8	81	5	TEMPERATURE DEG C .001	-2000	3200
N 8	86	5	SALINITY PPT .001	10000	3750
N 8	91	4	OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	95	1	0080 STD-SCAN CONDITION		
N 8	96	5	PRESSURE DB .1	00001	6000
N 8	101	5	TEMPERATURE DEG C .001	-2000	3200
N 8	106	5	SALINITY PPT .001	10000	3750
N 8	111	4	OXYGEN, DISSOLVED GAS ML/L .01	0001	1500
C 8	115	1	0080 STD-SCAN CONDITION		
N 8	116	5	SEQUENCE NUMBER		

NO RANGE CHECKI

RECORDS READ : 1790

STATIONS FOUND 16

END OF PRELIMINARY TEST

PROCEEDING WITH STATION NUMBER TEST

,

@FREE ISAM.

@ASG,A DNODC*TAXISAM.

@USE ISAM,DNODC*TAXISAM.

@ASG,T SORTOUT.,F///8000

@XQT DNODC*ABS\$.STATAX

M,*,*,*

L,2

STATION NUMBER SUMMARY

THE FOLLOWING STATION NUMBERS WERE DUPLICATED

TRACK	STATION NUMBERS	RECORD N
-------	-----------------	----------

***** 0000 DUPLICATE STATIONS FOUND

*** NO TAXONOMY OR CAS CODES REPORTED ***

M,*,*,*,*

END OF RUN

@FREE ISAM.

RUNID: D0996C ACCT: EG12008N3AV1 PROJECT: DNODC
 SORT: T/R= 6.3MS, IC= 24, OC= 24, BIA=SEQ.

D0996C FIN

TIME:	TOTAL: 00:02:06.417	CBSUPS: 49379098
	CPU: 00:00:39.607	I/O: 00:00:40.001
	CC/ER: 00:00:46.808	WAIT: 00:00:00.200

SUAS USED: 7.25 SUAS REMAINING: 685537029.33

PAGES READ: 41 PAGES: 16

START: 13:57:24 JUL 07,1994 FIN: 14:03:58 JUL 07,1994

Subject: CH0996.LST

070794135724 01

[illegible]

DNODC*CLIFT(1).022CHECK(58)

92002

Unique No.: 207450

Date of Entry: 04/29/92

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9200085 Reference No.: 079201
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 07 - 5.25-inch Floppy Diskette

Exchange Format: E005 - Universal Bathythermograph (Expendable)

Processing Format: C116 - Universal Bathythermograph (UBT) for XBT

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

Country/Institute Code: 3124

Country/Platform Code: 32GY

Platform Type (DINDB): 09 - Ship

Orig. Cruise ID: 92G02

Cruise Start Date: 01/26/92

Project Code: 0215

Cruise End Date: 01/29/92

Data Use Code (DUC): 3

Number of Stations: 16

Number of Records: 16

If stations/records not appropriate then:

Number:

Units:

Ocean Area:

Code 1: 26 Meaning: Gulf of Mexico

Code 2: Meaning:

Code 3: Meaning:

DINDB Transaction Date:

ACCESSION NO. 9200085

FILETYPE

~~FILETYPE~~
C116TRACK NO. 79201

PROJECT

IDENTIFICATION

TIGER

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE <u>DISKETTES</u>	<u>4-16-92</u>	<u>FJM</u>	<u>2 FLOPPIES</u>	<u>40</u>	<u>*</u>		<u>**</u>
DUPLICATE TAPE <u>DAMUS DISK</u>	<u>4-22-92</u>	<u>FJM</u>	<u>***</u>	<u>3</u>	<u>*</u>	<u>224</u>	<u>↓</u>
REFORMATTED TAPE	<u>4-27-92</u>	<u>R.P.S.</u>	<u>W55187****</u>	<u>1</u>	<u>✓</u>	<u>✓</u>	<u>16</u>
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

~~***BT~~ : LRECL = 19
~~CTD~~ : LRECL = 45

~~**~~ 16,455 CTD RECORDS

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

~~***~~

TIGER1CTD.
 TIGER2CTD.
 TIGERXBT.

JUST 312L
 SHIP 326Y

~~***~~

DNODC * TEXASUBTOUT.

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

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.

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 Department of Oceanography Texas A&M University College Station, Texas 77843 ATTN: DAVID VOEGELE			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED R/V GYRE CRUISE 92G02 R/V GYRE CRUISE 92G03		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 92G02 + 92G03	
4. PLATFORM NAME(S) R/V GYRE	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 01/23/92 01/30/92 3/16/92 3/20/92
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Same as item-1 (409)845-7214			

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
TEMPERATURE	°C	SEABIRD CTD MODEL SBE 9	N/A	VALUES AVERAGED OVER 1 METER INTERVALS
"	"	XBT - SIPPICAN	N/A	NONE
SALINITY	PSU	SEABIRD CTD MODEL SBE 9	N/A	VALUES AVERAGED OVER 1 METER INTERVALS
TRANSMISSOMETER	Volts	SEATECH 25cm	N/A	VALUES AVERAGED OVER 1 METER INTERVALS

TEXAS A&M UNIVERSITY

COLLEGE OF GEOSCIENCES

COLLEGE STATION, TEXAS 77843-3146

Reply to
Department of
OCEANOGRAPHY

14 April 1992

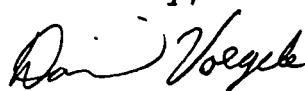
Dr. Francis J. Mitchell
NOAA/National Oceanographic Data Center
Data Acquisition and Management Branch
1825 Connecticut Avenue, NW
Washington, DC 20235

Dear Dr. Mitchell:

Enclosed are two IBM 5 1/4" diskettes of CTD and XBT data collected during operation from R/V Gyre Cruises 92G02 and 92G03. Only CTD data was collected from cruise 92G03. In all, there are 48 data files on these two disks, to archive temperature and salinity versus depth for stations from the Cayman islands to Galveston, Texas. The CTD data have been 1 metered averaged.

Under Cooperative Agreement 14-35-0001-30501, TAMU is pleased to share these Hydrographic data with NODC. The data will fall under NODC project number 0215 for TIGER cruises in the gulf. If you have any questions regarding the data please call David Voegele at (409)-845-7214.

Sincerely,



David J. Voegele
Research Assistant
Technical Support Services Group
TELEX 23 7401986 (TECH UC)
OMNET/TELEMAIL = TAMU.TECHS

9200085

Copies: Dr. D.C. Biggs
Ann Jochens



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

CTD - FILE NAMES BEGIN WITH A C2G
XBT - FILE NAMES BEGIN WITH X2G

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

CTD - ASCII, HEADER INFO AT TOP OF FILE
XBT - ASCII, HEADER INFO AT TOP OF FILE

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER DAVID VOEGELE 409-845-7214
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	

RECORD NAME CTD FILE

14. FILE NAME	15. POSITION FROM -1 MEASURED IN CHARACTER (tag, bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CRUISE	9	5			CRUISE NUMBER
DATE	9	34			GMT DATE
TIME	9	8			GMT TIME
LAT	9	10			LATITUDE OF STATION
LON	9	10			LONGITUDE OF STATION
STN.	Ø	10			STATION NUMBER
BLANK LINE	Ø	8Ø			SPACING LINE
COLUMN HEADER	Ø	8Ø			LABELS COLUMNS
BLANK LINE	Ø	8Ø			SPACING LINE
DEPTH	1	10			CTD DEPTH
TEMP	16	7			CTD TEMP
SALINITY	27	7			CTD SALINITY
SIGMATHETA	38	7			CTD DENSITY
* XSM VOLTS	50	6			CTD TRANSMISSOMETER VOLTAGE
					* (NOTE: ON 92603 only)

14. FILE NAME

15. POSITION

16. LENGTH

17. ATTRIBUTES

18. USE AND MEASUREMENTS

FROM 1
MEASUREMENTS
19. CHARACTERS

NUMBER OF

UNITS

in g, lbs, kg, etc.

HEADER
INFO

CRUISE:

9

5

DATE:

7

10

TIME:

7

8

LAT:

6

10

LON:

6

10

STN.

6

2

PROBE TYPE:

13

3

BLANK LINE

Ø

8Ø

COLUMN HEADER

Ø

8Ø

BLANK LINE

Ø

8Ø

DATA

DEPTH

3

6

TEMP

14

5

CRUISE NUMBER

GMT DATE

GMT TIME

LATITUDE

LONGITUDE

STATION NUMBER

PROBE TYPE

SPACING

LABELS COLUMNS

SPACING

DEPTH (METERS)

TEMPERATURE (°C)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>Character</u> (o.k., bit, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Cruise	89	5			Cruise number
DATE	7	34			Date in GMT
TIME	7	8			Time in GMT
Lat	6	8			Latitude of station
Lon	6	8			Longitude of station
Station name	0	12			Station name
blank line	0	80			spacing line
Column header	0	80			Labels columns
blank line	0	80			spacing line
data line {	depth	1	810		CID depth
	temp	16	7		CID temp
	Salinity	27	7		CID Salinity
	XSM Volts.	40	5		CID transmissometer voltage

RECORD NAME XBT

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>bytes</u> (0.0, bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Header info { PT Cruise Station date time Lat Lon	PT	0	3		probe type
	Cruise	6	5		Cruise number
	Station	11	11		Station identifier
	date	26	7		GMT date
	time	34	4		GMT time
	Lat	42	6		Latitude
	Lon	44	6		Longitude
data { line # depth temp	line #	0	3		Line number
	depth	6	5		depth
	temp	13	5		temperature

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
SBE 9	6/15/90	✓	SEABIRD	✓		✓			
XBT SIPPICAN MARK 9		✓				✓			

Unique No.: 208283

Date of Entry: 05/06/92

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9200085 Reference No.: 329835
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 07 - 5.25-inch Floppy Diskette

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: 3124 Country/Platform Code: 32GY

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TW0996

Cruise Start Date: 01/26/92 Project Code: 0215

Cruise End Date: 01/29/92 Data Use Code (DUC): 3

Number of Stations: 8 Number of Records: 1,488

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 26 Meaning: Gulf of Mexico
 Code 2: Meaning:
 Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 208285

Date of Entry: 05/06/92

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9200085 Reference No.: 329836
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 07 - 5.25-inch Floppy Diskette

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: 3124 Country/Platform Code: 32GY

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TW0997

Cruise Start Date: 03/16/92 Project Code: 0215

Cruise End Date: 03/20/92 Data Use Code (DUC): 3

Number of Stations: 16 Number of Records: 1,790

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 26 Meaning: Gulf of Mexico
 Code 2: Meaning:
 Code 3: Meaning:

DINDB Transaction Date:

ACCESSION NO. 9200085

FILETYPE ~~XXXXXXXXXX~~

CO22

329835-36
TRACK NO. 1

PROJECT IDENTIFICATION

TIGER
0215

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE <u>Disquettes</u>	4-16-92	FJM	2 FLOPPIES	40	*		* *
DUPLICATE TAPE <u>DAMUS DISK</u>	4-22-92	FJM	* * *	3	*	224	↓
REFORMATTED TAPE	4-24-92	R.P.S.	W 55742 * * *	1	120	12000	3278
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: * * BT : LRECL = 19
CTD : LRECL = 45

* * 16,455 CTD RECORDS

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

* * *

TIGER1CTD,
TIGER2CTD,
TIGERXBT.

1000 310
500 3204

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

* * * *

DNODC * TEXAS CTD OUT.

TEXAS A&M UNIVERSITY

COLLEGE OF GEOSCIENCES

COLLEGE STATION, TEXAS 77843-3466

Reply to
Department of
OCEANOGRAPHY

14 April 1992

Dr. Francis J. Mitchell
NOAA/National Oceanographic Data Center
Data Acquisition and Management Branch
1825 Connecticut Avenue, NW
Washington, DC 20235

Dear Dr. Mitchell:

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Sincerely,



David J. Voegele
Research Assistant
Technical Support Services Group
TELEX 23 7401986 (TECH UC)
OMNET/TELEMAIL = TAMU.TECHS

9200085

Copies: Dr. D.C. Biggs
Ann Jochens



DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

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

FORM APPROVED
O.M.D. No. 41-10261
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.

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 Department of Oceanography Texas A&M University College Station, Texas 77843 ATTN: DAVID VOEGELE			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED R/V GYRE CRUISE 92G02 R/V GYRE CRUISE 92G03		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 92G02 + 92G03	
4. PLATFORM NAME(S) R/V GYRE	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 01/23/92 01/30/92 3/16/92 3/20/92
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Same as item-1 (409)845-7214			

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
TEMPERATURE	°C	SEABIRD CTD MODEL SBE 9	N/A	VALUES AVERAGED OVER 1 METER INTERVALS
"	"	XBT - SIPPICAN	N/A	NONE
SALINITY	PSU	SEABIRD CTD MODEL SBE 9	N/A	VALUES AVERAGED OVER 1 METER INTERVALS
TRANSMISSOMETER	VOLTS	SEATECH 25cm	N/A	VALUES AVERAGED OVER 1 METER INTERVALS

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

CTD - FILE NAMES BEGIN WITH A C2G
XBT - FILE NAMES BEGIN WITH X2G

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

CTD - ASCII, HEADER INFO AT TOP OF FILE
XBT - ASCII, HEADER INFO AT TOP OF FILE

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER DAVID VOEGELE 409-845-7214

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 356 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	

14. FILE NAME	15. POSITION FROM 1 MEASURED IN CHARACTER	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CRUISE	9	5			CRUISE NUMBER
DATE	9	34			GMT DATE
TIME	9	8			GMT TIME
LAT	9	10			LATITUDE OF STATION
LONG	9	10			LONGITUDE OF STATION
STN.	Ø	10			STATION NUMBER
BLANK LINE	Ø	8Ø			SPACING LINE
COLUMN HEADER	Ø	8Ø			LABELS COLUMNS
BLANK LINE	Ø	8Ø			SPACING LINE
DEPTH	1	10			CTD DEPTH
TEMP	16	7			CTD TEMP
SALINITY	27	7			CTD SALINITY
SIGMATHETA	38	7			CTD DENSITY
* XSM VOLTS	50	6			CTD TRANSMISSOMETER VOLTAGE * (NOTE: ON 92603 ONLY)

14. FIELD NAME

15. POSITION FROM 1

MEASURED

16. CHARACTERISTICS

17. COMMENTS

18. ATTRIBUTES

19. USE AND MEASURE

HEADER
INFO

CRUISE:

9

5

DATE:

7

10

TIME:

7

8

LAT:

6

10

LON:

6

10

STN.

6

2

PROBE TYPE:

13

3

BLANK LINE

Ø

8Ø

COLUMN HEADER

Ø

8Ø

BLANK LINE

Ø

8Ø

DATA { DEPTH

3

6

TEMP

14

5

CRUISE NUMBER

GMT DATE

GMT TIME

LATITUDE

LONGITUDE

STATION NUMBER

PROBE TYPE

SPACING

LABELS COLUMNS

SPACING

DEPTH (METERS)

TEMPERATURE (°C)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (char) (e.g., blln, byltn)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Cruise	89	5			Cruise number
DATE	7	34			Date in GMT
TIME	7	8			Time in GMT
Lat	6	8			Latitude of station
Lon	6	8			Longitude of station
Station name	0	12			Station name
blank line	0	80			spacing line
Column header	0	80			Labels columns
blank line	0	80			spacing line
data line {	depth	1	810		CTD depth
	temp	16	7		CTD temp
	Salinity	27	7		CTD Salinity
	XSM Volts.	40	5		CTD transmissometer voltage

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>bytes</u> (n.d., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Header info { PT Cruise Station Date Time Lat Lon	PT	0	3		probe type
	Cruise	6	5		Cruise number
	Station	11	11		Station identifier
	Date	26	7		GMT date
	Time	34	4		GMT time
	Lat	42	6		Latitude
	Lon	44	6		Longitude
Data { Line # Depth Temp	Line #	0	3		Line number
	Depth	6	5		Depth
	Temp	13	5		temperature

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
SBE 9	6/15/90	✓	SEABIRD	✓		✓			
XBT SIPPICAN MARK 9		✓				✓			

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9200085	C116	079201	0215	3124	32GY	1992/01/26	92G02	205565
9200085	C022	329835	0215	3124	32GY	1992/01/26	TW0996	205566
9200085	C022	329836	0215	3124	32GY	1992/03/16	TW0997	205567
9200085	L147	L01406	0215	3124	32GY	1992/03/16	92G03	205568
9200085	F022	TW0996	0215	3124	32GY	1992/01/26	92G02	205569
9200085	F022	TW0997	0215	3124	32GY	1992/03/16	92G03	205570

(6 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9200085	C116	079201	32GY	16	16	92/01/26	92/01/29
9200085	C022	329835	32GY	8	NULL	92/01/26	92/01/29
9200085	C022	329836	32GY	16	NULL	92/03/16	92/03/20
9200085	L147	L01406	32GY	16	9000	92/03/16	92/03/20
9200085	F022	TW0996	32GY	8	1488	92/01/26	92/01/29
9200085	F022	TW0997	32GY	16	1790	92/03/16	92/03/20

(6 rows affected)