

Unique No.: 198516

Date of Entry: 06/07/91

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9100079 Reference No.: TV5154
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: 3112 Country/Platform Code: 31RD

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: 29-06

Cruise Start Date: 06/01/88 Project Code:

Cruise End Date: 06/16/88 Data Use Code (DUC): 3

Number of Stations: 38 Number of Records: 11,743

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 23A Meaning: NE Atlantic (limit-40 W)
 Code 2: 32B Meaning: SW Atlantic (limit-20 W)
 Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 198518

Date of Entry: 06/07/91

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9100079 Reference No.: TV5884
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: 3112 Country/Platform Code: 32IC

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: 9

Cruise Start Date: 11/22/90 Project Code:

Cruise End Date: 12/01/90 Data Use Code (DUC): 3

Number of Stations: 15 Number of Records: 4,943

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 23B Meaning: NW Atlantic (limit-40 W)

 Code 2: Meaning:

 Code 3: Meaning:

DINDB Transaction Date:

FILETYPE FO22TRACK PROJECT
IDENTIFICATION ~~9100077~~
9100079TV5154
TV5884TAPE OR
DISK DSNNO.
FILES LRECL BLK SIZE RECORDS

DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	RECORDS
04/29/91	CmH	A01415	54	80	8000	83594
05/07/91	CmH	W18775	54	80	8000	83594
5/21/91	FJM	W15313**	1	120	12000	16686

ROUTED TO PRINCIPAL INVESTIGATOR: Tape W18775 is 9 TRK, NL, 1600 bpi, Ascii

** LABEL: DNODC*LAMONTCTDOUT

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

REQUEST FOR ADD SERVICES

User Name <i>Cliff Hartley</i>	Phone # <i>673-5636</i>	Org/Task <i>EG12008N3AH9</i>	Submit Date <i>05/06/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

- ☐ General Info ☐ Communications ☐ Equipment ☐ Supplies
☐ Software ☐ Tape Library ☒ Computer Operations
☐ Other Specify:

Request/Problem Description:

*Copy tape AΦ1415 to a 'w' tape
Please scan 'w' tape*

PART B

(For Operator Job Requests)

Operator Job Request Type

- ☐ Run BRBUOY procedure Name: _____ ☐ See attached list
☐ Run SELBUOY procedure Name: _____ ☐ See attached list
☐ Run BUOYSUM procedure Name: _____ ☐ See attached list
☐ Run OTHER procedure - see SPECIAL INSTRUCTIONS
☐ Tape Scan
☒ Tape to Tape Copy Scan OUTPUT tape? ☒ yes ☐ no
☐ Disk to Tape Copy Scan OUTPUT tape? ☐ yes ☐ no
☐ Tape to Disk Copy
☐ Print ☐ 80 column ☐ 132 column ☐ HEX ☐ OCTAL ☐ Character
 All files/records? ☐ yes ☐ no, see SPECIAL INSTRUCTIONS
☐ Restore VAX file Name: _____
☐ OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please send 'w' tape to Ashville, N.C.

JOB INPUT

Id#/Filename: _____

AΦ1415 (DΦ1237)

☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:
 MAX Record Length: *80* MAX Blocksize: *8000*

JOB OUTPUT

Id#/Filename: _____

W18775

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:
 Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:
 Tape Specs: ☐ 800 ☒ 1600 ☐ 6250 ☒ NL ☐ SL
 MAX Record Length: *80* MAX Blocksize: *8000*

(OC3 Use Only)

JOB Number: *91050603*
Completed By: *DA*

Date/Time Start: *5-7-91/13:15*
Date/Time Completed: *5-7-91/13:30*

User Name <i>Chiff Hartley</i>	Phone # <i>673-5436</i>	Org/Task <i>EG12008A3449</i>	Submit Date <i>04/26/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

- | | | | |
|---|---|---|-----------------------------------|
| <input type="checkbox"/> General Info | <input type="checkbox"/> Communications | <input type="checkbox"/> Equipment | <input type="checkbox"/> Supplies |
| <input type="checkbox"/> Software | <input type="checkbox"/> Tape Library | <input checked="" type="checkbox"/> Computer Operations | |
| <input type="checkbox"/> Other Specify: _____ | | | |

Request/Problem Description:

Please scan tape A01415

PART B

(For Operator Job Requests)

Operator Job Request Type

- | | | |
|--|--|--|
| <input type="checkbox"/> Run BRBUOY procedure | Name: _____ | <input type="checkbox"/> See attached list |
| <input type="checkbox"/> Run SELBUOY procedure | Name: _____ | <input type="checkbox"/> See attached list |
| <input type="checkbox"/> Run BUOYSUM procedure | Name: _____ | <input type="checkbox"/> See attached list |
| <input type="checkbox"/> Run OTHER procedure - see SPECIAL INSTRUCTIONS | | |
| <input checked="" type="checkbox"/> Tape Scan | | |
| <input type="checkbox"/> Tape to Tape Copy | Scan OUTPUT tape? <input type="checkbox"/> yes <input type="checkbox"/> no | |
| <input type="checkbox"/> Disk to Tape Copy | Scan OUTPUT tape? <input type="checkbox"/> yes <input type="checkbox"/> no | |
| <input type="checkbox"/> Tape to Disk Copy | | |
| <input type="checkbox"/> Print <input type="checkbox"/> 80 column <input type="checkbox"/> 132 column <input type="checkbox"/> HEX <input type="checkbox"/> OCTAL <input type="checkbox"/> Character | | |
| <input type="checkbox"/> All files/records <input type="checkbox"/> yes <input type="checkbox"/> no see SPECIAL INSTRUCTIONS | | |
| <input type="checkbox"/> Restore VAX file | Name: _____ | |
| <input type="checkbox"/> OTHER - see SPECIAL INSTRUCTIONS | | |

Special Operator Instructions:

Please return tape A01415 to Bin 09

JOB INPUT

Id#/Filename: _____

A01415

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify: _____

Code: ☐ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify: _____

Tape Specs: ☐ 800 ☒ 1600 ☐ 6250 ☐ NL ☐ SL

MAX Record Length: _____ MAX Blocksize: _____

JOB OUTPUT

Id#/Filename: _____

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify: _____

Code: ☐ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify: _____

Tape Specs: ☐ 800 ☐ 1600 ☐ 6250 ☐ NL ☐ SL

MAX Record Length: _____ MAX Blocksize: _____

(OC3 Use Only)

JOB Number: _____

Completed By: _____

91042901

J.S.

Date/Time Start: *4-29-91/09:45*

Date/Time Completed: *4-29-91/10:00*

This tape contains 54 files as follows:

FILE 1	3028 Apr 3 10:38	Read_me	FILE 28	35278 Apr 3 08:24	ctd.079
FILE 2	17613 Apr 3 08:08	ctd.051	FILE 29	141778 Apr 3 08:25	ctd.080
FILE 3	35980 Apr 3 08:08	ctd.053	FILE 30	34730 Apr 3 08:26	ctd.081
FILE 4	35134 Apr 3 08:09	ctd.054	FILE 31	142648 Apr 3 08:28	ctd.082
FILE 5	35663 Apr 3 08:09	ctd.055	FILE 32	35054 Apr 3 08:28	ctd.083
FILE 6	34415 Apr 3 08:10	ctd.057	FILE 33	36106 Apr 3 08:28	ctd.084
FILE 7	36276 Apr 3 08:10	ctd.058	FILE 34	34172 Apr 3 08:29	ctd.085
FILE 8	35517 Apr 3 08:11	ctd.059	FILE 35	52344 Apr 3 08:29	ctd.086
FILE 9	33886 Apr 3 08:11	ctd.060	FILE 36	36005 Apr 3 08:30	ctd.087
FILE 10	35058 Apr 3 08:12	ctd.061	FILE 37	35125 Apr 3 08:30	ctd.088
FILE 11	35102 Apr 3 08:12	ctd.062	FILE 38	35180 Apr 3 08:31	ctd.089
FILE 12	147581 Apr 3 08:14	ctd.063	FILE 39	157894 Apr 3 08:32	ctd.090
FILE 13	35106 Apr 3 08:14	ctd.064	FILE 40	100897 Apr 2 11:12	ctd.112
FILE 14	34985 Apr 3 08:15	ctd.065	FILE 41	56437 Mar 25 09:44	ctd.113
FILE 15	35285 Apr 3 08:15	ctd.066	FILE 42	55717 Mar 25 09:44	ctd.114
FILE 16	34928 Apr 3 08:16	ctd.067	FILE 43	52981 Mar 25 09:44	ctd.115
FILE 17	35055 Apr 3 08:16	ctd.068	FILE 44	57553 Mar 25 09:44	ctd.116
FILE 18	146850 Apr 3 08:18	ctd.069	FILE 45	56365 Mar 25 09:44	ctd.117
FILE 19	34782 Apr 3 08:18	ctd.070	FILE 46	56041 Mar 25 09:45	ctd.118
FILE 20	35648 Apr 3 08:19	ctd.071	FILE 47	56113 Mar 25 09:45	ctd.119
FILE 21	35652 Apr 3 08:19	ctd.072	FILE 48	55825 Mar 25 09:45	ctd.120
FILE 22	35211 Apr 3 08:20	ctd.073	FILE 49	55213 Mar 25 09:45	ctd.121
FILE 23	161964 Apr 3 08:22	ctd.074	FILE 50	55645 Mar 25 09:45	ctd.122
FILE 24	35223 Apr 3 08:22	ctd.075	FILE 51	60469 Mar 25 09:45	ctd.123
FILE 25	35273 Apr 3 08:22	ctd.076	FILE 52	58308 Mar 25 09:45	ctd.124
FILE 26	35037 Apr 3 08:23	ctd.077	FILE 53	55789 Mar 25 09:46	ctd.125
FILE 27	35953 Apr 3 08:23	ctd.078	FILE 54	56077 Mar 25 09:46	ctd.126

Files #2 - #39 (ctd.051 - ctd.090, all collected on the Conrad cruise 29-06, June 1988) are corrections of data previously sent on NODC tape #9000121, which were improperly calibrated. These files superceed previous submsions.

Files #40 - #54 (ctd.112 - ctd.126) are new submissions collected November 1990 on the RV Columbus Iselin.

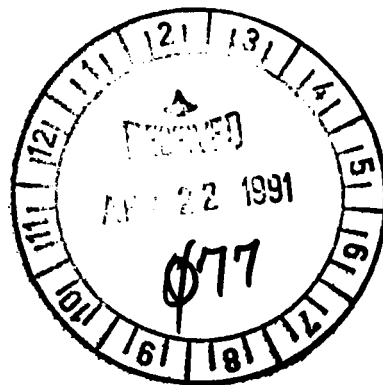
The tape was formatted as follows:

```
dd if=* of=/dev/nrmt0m cbs=80 obs=8000 conv=block.
```

The CTD data is formatted in U.S. National Oceanographic Data Center Exchange Format, which is defined as follows:

The header fields are as follows:

SHIP: Identifies the ship (NODC platform code),
CRUIS: cruise number (optional),
STAT: station number,
C#: cast number,
DATE: date,
TIME: time,
LAT latitude,
LG: longitude,
MAX. PRS: maximum pressure measured (optional; default=0),
DEPTH: water depth (optional; default= -9),
AVER: interval to which the data were interpolated,
INST ctd instrument (optional; default=0),
OBS: number of observations,
FMT: fortran format,
Comment lines (optional) follow the above header lines



The data are in five columns (format: F6.1,2F6.3,I8) with the following column headers:

PRES: pressure (decibars)
TEMP: temperature (C.)
SALT: salinity (PSU)
OXYG: oxygen
QUAL: quality

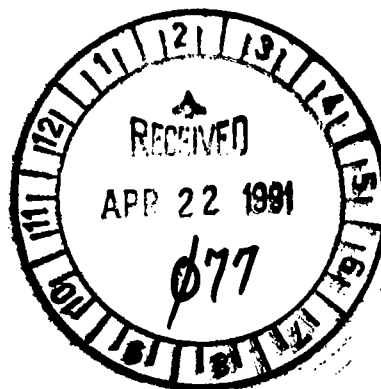
The quality column for all files on the tape contains 0. Apparently, this is a non-standard NODC format used by Wood's Hole as an exchange format. It is not known what procedure they used to determine the QUAL flag.

In cases where oxygen data is not available the default value of -9.90 is recorded for each pressure. In files #40 - #54 (ctd.112 - ctd.126), the OXYG column contains uncalibrated data (no oxygen bottle data was recorded on board to correct the listed ctd values).

Below is a sample ctd record head;

SHIP IC CRUIS 09 STAT: 113 C#: 0
DATE 90-11-23 TIME: 1433 Z
LAT 3 17.60 LG -44 0.60
MAX. PRS= 1560 DB DEPTH= 1554.6 M
AVER 1.0 INST 0 RATE 32.00HZ
OBS= 1561 FMT(F7.1,2F8.4,F6.2,I6)
PRES TEMP SALT OXYG QUAL
0.0 28.0330 36.2460 6.39 0
1.0 28.0320 36.2470 6.39 0
2.0 28.0280 36.2460 6.39 0
3.0 28.0260 36.2450 6.35 0
4.0 28.0220 36.2450 6.15 0
5.0 28.0220 36.2450 6.19 0
6.0 28.0190 36.2460 6.36 0
7.0 28.0190 36.2450 6.35 0
8.0 28.0170 36.2450 6.28 0
9.0 28.0160 36.2440 6.31 0
10.0 28.0070 36.2450 6.36 0
11.0 28.0080 36.2440 6.35 0
12.0 28.0070 36.2450 6.35 0
13.0 28.0070 36.2440 6.36 0
14.0 28.0030 36.2440 6.33 0
15.0 28.0010 36.2430 6.34 0

Submitted by;
John R. Webber
April 8, 1991



NENSEN REF #

329635

9100079

MULDARS TRACK #

TV5884

MONITOR: CONTACT

MARY LEWIS

LOCATION OF F022 SOURCE

Archives

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

NONE

VAL. COL. REF. F
319919

"HILDARS TRACK"
TV5154

MONITOR: CONTACT

LOCATION OF F022 SOUR

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

NONE

Unique No.: 198517

Date of Entry: 06/07/91

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9100079 Reference No.: 319919
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: 3112 Country/Platform Code: 31RD

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TV5154

Cruise Start Date: 06/01/88 Project Code:

Cruise End Date: 06/16/88 Data Use Code (DUC): 3

Number of Stations: 38 Number of Records: 11,743

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 23A Meaning: NE Atlantic (limit-40 W)
 Code 2: 32B Meaning: SW Atlantic (limit-20 W)
 Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 198519

Date of Entry: 06/07/91

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9100079 Reference No.: 329635
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: 3112 Country/Platform Code: 32IC

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TV5884

Cruise Start Date: 11/22/90 Project Code:

Cruise End Date: 12/01/90 Data Use Code (DUC): 3

Number of Stations: 15 Number of Records: 4,943

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 23B Meaning: NW Atlantic (limit-40 W)
 Code 2: Meaning:
 Code 3: Meaning:

DINDB Transaction Date:

FILETYPE CO22

TRACK

PROJECT
IDENTIFICATION

9100079

31919
329635

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
	04/29/91	CMH	AΦ1415	54	80	8000	83594
TAPE	05/07/91	CMH	W18775	54	80	8000	83594
TAPE	5/21/91	FJM	W15313 **	1	120	12000	16686
DISK							
EX							
ER							
22							
HALTED							

REPORTED TO PRINCIPAL INVESTIGATOR: Tape W18775 is 9 TRK, NL, 1600 bpi, Ascii

** LABEL: DNODEX LAMONT CTDOU

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

User Name <i>Cliff Hartley</i>	Phone # <i>673-5636</i>	Org/Task <i>EG12008X/3HH9</i>	Submit Date <i>05/06/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

- ☐ General Info ☐ Communications ☐ Equipment ☐ Supplies
☐ Software ☐ Tape Library ☒ Computer Operations
☐ Other Specify:

Request/Problem Description:

*Copy tape AΦ1415 to a 'w' tape
Please scan 'w' tape*

PART B

(For Operator Job Requests)

Operator Job Request Type

- ☐ Run BRBUOY procedure Name: _____ ☐ See attached list
☐ Run SELBUOY procedure Name: _____ ☐ See attached list
☐ Run BUOYSUM procedure Name: _____ ☐ See attached list
☐ Run OTHER procedure - see SPECIAL INSTRUCTIONS
☐ Tape Scan
☒ Tape to Tape Copy Scan OUTPUT tape? ☒ yes ☐ no
☐ Disk to Tape Copy Scan OUTPUT tape? ☐ yes ☐ no
☐ Tape to Disk Copy
☐ Print ☐ 80 column ☐ 132 column ☐ HEX ☐ OCTAL ☐ Character
 All files/records? ☐ yes ☐ no. see SPECIAL INSTRUCTIONS
☐ Restore VAX file Name: _____
☐ OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please send 'w' tape to Ashville, N.C.

JOB INPUT

id#/Filename: _____

AΦ1415 (D11237)

☒ Tape
☒ Disk
☒ Other Specify:

80

MAX Blocksize:

8000

JOB OUTPUT

id#/Filename: _____

W18775

Medium: ☒ Tape ☐ Disk ☐ Disquette ☐ Other Specify:
 Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:

Tape Specs: ☐ 800 ☒ 1600 ☐ 6250 ☒ NL ☐ SL

MAX Record Length: *80* MAX Blocksize: *8000*

(CC3 Use Only)

JOB Number:

91050603

Completed By:

CA

Date/Time Start:

5-7-91/13:15

Date/Time Completed:

5-7-91/13:30

User Name <i>Chiff Hartley</i>	Phone # <i>673-5436</i>	Org/Task <i>EG12008A3M49</i>	Submit Date <i>04/26/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

- ☐ General Info ☐ Communications ☐ Equipment ☐ Supplies
☐ Software ☐ Tape Library ☒ Computer Operations
☐ Other Specify:

Request/Problem Description:

Please scan tape A01415

PART B

(For Operator Job Requests)

Operator Job Request Type

- ☐ Run BRBUOY procedure Name: _____ ☐ See attached list
☐ Run SELBUOY procedure Name: _____ ☐ See attached list
☐ Run BUOYSUM procedure Name: _____ ☐ See attached list
☐ Run OTHER procedure - see SPECIAL INSTRUCTIONS
☒ Tape Scan
☐ Tape to Tape Copy Scan OUTPUT tape? ☐ yes ☐ no
☐ Disk to Tape Copy Scan OUTPUT tape? ☐ yes ☐ no
☐ Tape to Disk Copy
☐ Print ☐ 80 column ☐ 132 column ☐ HEX ☐ OCTAL ☐ Character
☐ MAIL files/records? ☐ yes ☐ no. see SPECIAL INSTRUCTIONS
☐ Restore VAX file Name: _____
☐ OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please return tape A01415 to Bin 09

JOB INPUT

Id#/Filename: *A01415*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:
 Code: ☐ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:
 Tape Specs: ☐ 300 ☒ 600 ☐ 9600 ☐ 1500 ☐ 3150
 MAX Record Length: _____ MAX Blocksize: _____

JOB OUTPUT

Id#/Filename: _____

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:
 Code: ☐ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:
 Tape Specs: ☐ 300 ☐ 600 ☐ 9600 ☐ 1500 ☐ 3150
 MAX Record Length: _____ MAX Blocksize: _____

(For Use Only)
 JOB Number: *91042901*
 Completed By: *[Signature]*

Date/Time Start: *4-29-91/09:45*
 Date/Time Completed: *4-29-91/10:00*

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: National Oceanographic Data Ctr. 1825 Connecticut Ave., NW Washington, D.C. 20235	REFER TO ATTENTION Dr. Anthony Picciolo
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY <input type="checkbox"/> ORDINARY MAIL <input type="checkbox"/> REGISTERED MAIL <input type="checkbox"/> AIR MAIL <input type="checkbox"/> CERTIFIED MAIL <input type="checkbox"/> GOVERNMENT TRUCK <input type="checkbox"/> BY HAND <input type="checkbox"/> OTHER	

The enclosed reel of magnetic tape contains CTD data from the following cruises:

Files 2 thru 39 R/V Conrad 29 May-6 June 1988 - 9000121
Files 40 thru 54 R/V C. Iselin November 1990 - 900054

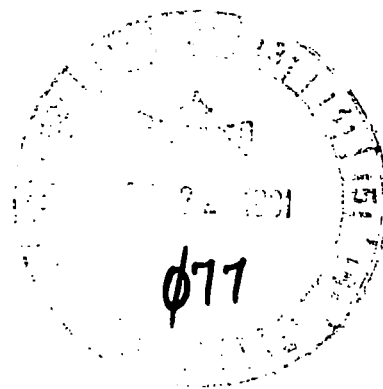
The Conrad data set was previously sent to NODC (NODC ACC # 9000121) and found to be in error. These data are a replacement to those already held by NODC. All previous versions should be destroyed.

These data have been formatted to the NODC/WHOI CTD exchange format and have been released by Dr. Eli Katz, Lamont-Doherty Geological Observatory.

- a..One reel of tape 9 track, 1699 bpi ASCII, record size=80 blocksize=8000. Blank values are coded as -999.
- b..The first file on the tape is a documentation file, copy attached.
- c..The tape was tested at WHOI and a sample dump of the last file is enclosed.

cc: E. Katz
J. Webber

9100079
A01415



FORWARDED BY (Signature) G. Heimerdinger	TITLE NODC Service Center Rep.	DATE FORWARDED 04/17/90
RECEIVED BY (Signature) Francis M. Mullen	TITLE	DATE RECEIVED

This tape contains 54 files as follows:

FILE 1	3028	Apr 3	10:38	Read_me	FILE 28	35278	Apr 3	08:24	ctd.079
FILE 2	17613	Apr 3	08:08	ctd.051	FILE 29	141778	Apr 3	08:25	ctd.080
FILE 3	35980	Apr 3	08:08	ctd.053	FILE 30	34730	Apr 3	08:26	ctd.081
FILE 4	35134	Apr 3	08:09	ctd.054	FILE 31	142648	Apr 3	08:28	ctd.082
FILE 5	35663	Apr 3	08:09	ctd.055	FILE 32	35054	Apr 3	08:28	ctd.083
FILE 6	34415	Apr 3	08:10	ctd.057	FILE 33	36106	Apr 3	08:28	ctd.084
FILE 7	36276	Apr 3	08:10	ctd.058	FILE 34	34172	Apr 3	08:29	ctd.085
FILE 8	35517	Apr 3	08:11	ctd.059	FILE 35	52344	Apr 3	08:29	ctd.086
FILE 9	33886	Apr 3	08:11	ctd.060	FILE 36	36005	Apr 3	08:30	ctd.087
FILE 10	35058	Apr 3	08:12	ctd.061	FILE 37	35125	Apr 3	08:30	ctd.088
FILE 11	35102	Apr 3	08:12	ctd.062	FILE 38	35180	Apr 3	08:31	ctd.089
FILE 12	147581	Apr 3	08:14	ctd.063	FILE 39	157894	Apr 3	08:32	ctd.090
FILE 13	35106	Apr 3	08:14	ctd.064	FILE 40	100897	Apr 2	11:12	ctd.112
FILE 14	34985	Apr 3	08:15	ctd.065	FILE 41	56437	Mar 25	09:44	ctd.113
FILE 15	35285	Apr 3	08:15	ctd.066	FILE 42	55717	Mar 25	09:44	ctd.114
FILE 16	34928	Apr 3	08:16	ctd.067	FILE 43	52981	Mar 25	09:44	ctd.115
FILE 17	35055	Apr 3	08:16	ctd.068	FILE 44	57553	Mar 25	09:44	ctd.116
FILE 18	146850	Apr 3	08:18	ctd.069	FILE 45	56365	Mar 25	09:44	ctd.117
FILE 19	34782	Apr 3	08:18	ctd.070	FILE 46	56041	Mar 25	09:45	ctd.118
FILE 20	35648	Apr 3	08:19	ctd.071	FILE 47	56113	Mar 25	09:45	ctd.119
FILE 21	35652	Apr 3	08:19	ctd.072	FILE 48	55825	Mar 25	09:45	ctd.120
FILE 22	35211	Apr 3	08:20	ctd.073	FILE 49	55213	Mar 25	09:45	ctd.121
FILE 23	161964	Apr 3	08:22	ctd.074	FILE 50	55645	Mar 25	09:45	ctd.122
FILE 24	35223	Apr 3	08:22	ctd.075	FILE 51	60469	Mar 25	09:45	ctd.123
FILE 25	35273	Apr 3	08:22	ctd.076	FILE 52	58308	Mar 25	09:45	ctd.124
FILE 26	35037	Apr 3	08:23	ctd.077	FILE 53	55789	Mar 25	09:46	ctd.125
FILE 27	35953	Apr 3	08:23	ctd.078	FILE 54	56077	Mar 25	09:46	ctd.126

Files #2 - #39 (ctd.051 - ctd.090, all collected on the Conrad cruise 29-06, June 1988) are corrections of data previously sent on NODC tape #9000121, which were improperly calibrated. These files superceed previous submssions.

Files #40 - #54 (ctd.112 - ctd.126) are new submissions collected November 1990 on the RV Columbus Iselin.

The tape was formatted as follows:

dd if=* of=/dev/nrmt0m cbs=80 obs=8000 conv=block.

The CTD data is formatted in U.S. National Oceanographic Data Center Exchange Format, which is defined as follows:

The header fields are as follows:

SHIP: Identifies the ship (NODC platform code),
CRUIS: cruise number (optional),
STAT: station number,
C#: cast number,
DATE: date,
TIME: time,
LAT latitude,
LG: longitude,
MAX. PRS: maximum pressure measured (optional; default=0),
DEPTH: water depth (optional; default= -9),
AVER: interval to which the data were interpolated,
INST ctd instrument (optional; default=0),
OBS: number of observations,
FMT: fortran format,
Comment lines (optional) follow the above header lines

The data are in five columns (format: F6.1,2F6.3,I8) with the following column headers:

077

PRES: pressure (decibars)
TEMP: temperature (C.)
SALT: salinity (PSU)
OXYG: oxygen
QUAL: quality

The quality column for all files on the tape contains 0. Apparently, this is a non-standard NODC format used by Wood's Hole as an exchange format. It is not known what procedure they used to determine the QUAL flag.

In cases where oxygen data is not available the default value of -9.90 is recorded for each pressure. In files #40 - #54 (ctd.112 - ctd.126), the OXYG column contains uncalibrated data (no oxygen bottle data was recorded on board to correct the listed ctd values).

Below is a sample ctd record head;

SHIP IC CRUIS 09 STAT: 113 C#: 0
DATE 90-11-23 TIME: 1433 Z
LAT 3 17.60 LG -44 0.60
MAX. PRS= 1560 DB DEPTH= 1554.6 M
AVER 1.0 INST 0 RATE 32.00HZ
OBS= 1561 FMT(F7.1,2F8.4,F6.2,I6)
PRES TEMP SALT OXYG QUAL
0.0 28.0330 36.2460 6.39 0
1.0 28.0320 36.2470 6.39 0
2.0 28.0280 36.2460 6.39 0
3.0 28.0260 36.2450 6.35 0
4.0 28.0220 36.2450 6.15 0
5.0 28.0220 36.2450 6.19 0
6.0 28.0190 36.2460 6.36 0
7.0 28.0190 36.2450 6.35 0
8.0 28.0170 36.2450 6.28 0
9.0 28.0160 36.2440 6.31 0
10.0 28.0070 36.2450 6.36 0
11.0 28.0080 36.2440 6.35 0
12.0 28.0070 36.2450 6.35 0
13.0 28.0070 36.2440 6.36 0
14.0 28.0030 36.2440 6.33 0
15.0 28.0010 36.2430 6.34 0

Submitted by;
John R. Webber
April 8, 1991

Ø77

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9100079	C022	329635	9999	3112	32IC	1990/11/22	TV5884	197933
9100079	F022	TV5884	0090	3112	32IC	1990/11/22	9	197934

(2 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
9100079	C022	329635	32IC	15	30	90/11/22	90/12/01
9100079	F022	TV5884	32IC	15	4943	90/11/22	90/12/01

(2 rows affected)