

NODC REF TW 5481

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ACC

9200059

ORIGINATORS  
STATION 138

Had first character unprintable

INV = LAMINV

TAPE = W81391

5-12-94

F022; CI-12 ; 3112; 321C; 09/29/91; 10/07/91; 00015; 3199; TW5481;

## TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

9200059

TO: National Oceanographic Data Ctr.  
1825 Connecticut Ave. NW  
Washington, D.C. 20235REFER TO Acc. # [REDACTED]  
ATTENTION Dr. Tony Picciolo [REDACTED]

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

The enclosed data disks contains the CTD and Inverted Echo Sounder (IES) data released by Dr. Eli Katz, Lamont-Doherty Geological Observatory. The CTD data were observed from the R/V Columbus Iselin, cruise CI12, September 29 thru October 7, 1991. The IES data were obtained from Dr. Katz's long term bottom mounted moorings in the Tropical Atlantic. Dr. Katz has previously submitted IES data to NODC using the same format which is a modified version of the FT-17 format.

The IES file named "TED" deployments 1, 2, 3 and 4 contains data previously sent to NODC (ref. my memo dated May 23, 1990; Dr. Katz ltr. of May 17, 1990; and NODC assigned accession number 9000121). File 81 of the referenced shipment (site TED deployments 1 and 2) should be purged from the archive.

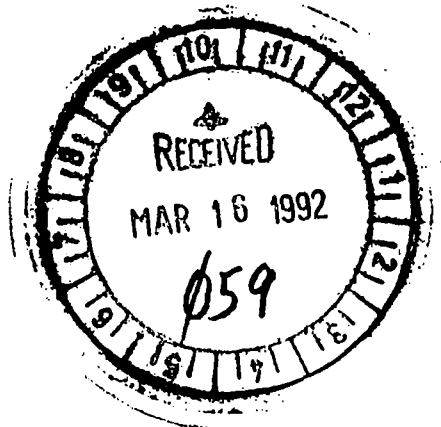
EIS file Ted1234.Pt1 and Ted1234.Pt2 should be merged together per the enclosed instructions. If this is a problem please return the disks to this office for merging purposes.

- a..4 data disks, ascii code
- b..originator supplied documentation

9200059

~~Handwritten signature~~~~Handwritten signature~~

cc: E. Katz

FORWARDED BY (Signature)  
George HeimerdingerTITLE  
NODC Service Center, RepDATE FORWARDED  
03/11/92

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

*Acct 92000.59*

George Heimerdinger,

Below is the README file that was to accompany a 9-track tape to submit to NODC prior to our discussing DOS formatted disks for transferal. Translating the files increased their sizes (~104%) from what is recorded below, so I've included output of the DOS 'DIR' command for each disk at the end of this document. One more caveat is that the file 'ted1234.nodc' could not fit on a single disk. I split it into 'ted1234.pt1' and 'ted1234.pt2'. To reconstruct the complete file, copy them onto a larger medium (hard disk) with the command;

COPY TED1234.PT1+TED1234.PT2 TED1234.NOD

Don't hesitate to call me if there are any questions or problems concerning any aspect of this data.

John Webber  
Lamont-Doherty Geological Observatory  
(914) 359-2900 ext 468 or 366

----- Original README File -----

This tape contains 21 files as follows:

File	##	Bytes	Date	Name
FILE	0	3529	Feb 13 10:19	README (this file)
FILE	1	36566	Feb 13 10:18	ctd.127.nodc
FILE	2	53954	Feb 13 10:18	ctd.128.nodc
FILE	3	22166	Feb 13 10:18	ctd.129.nodc
FILE	4	53954	Feb 13 10:18	ctd.130.nodc
FILE	5	22130	Feb 13 10:18	ctd.131.nodc
FILE	6	44666	Feb 13 10:18	ctd.132.nodc
FILE	7	21842	Feb 13 10:18	ctd.133.nodc
FILE	8	53882	Feb 13 10:18	ctd.134.nodc
FILE	9	53918	Feb 13 10:18	ctd.135.nodc
FILE	10	22022	Feb 13 10:18	ctd.136.nodc
FILE	11	53918	Feb 13 10:18	ctd.137.nodc
FILE	12	22094	Feb 13 10:18	ctd.138.nodc
FILE	13	53918	Feb 13 10:18	ctd.139.nodc
FILE	14	22022	Feb 13 10:18	ctd.140.nodc
FILE	15	38762	Feb 13 10:18	ctd.141.nodc
FILE	16	663800	Feb 13 10:17	tal12.nodc
FILE	17	1580684	Feb 13 10:17	ted1234.nodc
FILE	18	598085	Feb 13 10:17	tim12.nodc
FILE	19	597248	Feb 13 10:17	tom34.nodc
FILE	20	297071	Feb 13 10:17	wes1.nodc

4284 kBytes total

All data were obtained from the RV Columbus Iselin cruise #CI12 between September 29 and October 7, 1991.

File #0 this README file.

Files #1 - #15 (ctd.127 - ctd.141) contain data collected with University of Miami's Neil Brown CTD #IU221006 and formatted using U.S. National Oceanographic Data Center Exchange Format.

Files #16 - #20 contain Inverted Echo Sounder time series collected in the years 1989-91 as documented in the headers of each record. Where applicable, succeeding years' time series were adjusted and joined to

Preceding time series with times and adjustment offsets of the joint documented in the headers of each record. The naming convention includes the deployment sequence number(s). The files are in a format similar to that of pressure gauge data (File Type FT-017). The data is milliseconds (to thousandths) of sound speed reported as 2-way travel time. Most significant digit removed from each observation, hence a residual may be a positive or negative number.

Sample heads and tails of each file type are listed below;

ctd.127.nodc -----					wes1.nodc -----				
SHIP IC CRUIS 12 STAT: 127 C#: 1					1WES INVERTD ECHO SOUNDERS 001				
DATE 91-09-29 TIME: 1416 Z					1WES 1 DEPLOYMENT: 002				
LAT 16 10.10 LG -49 41.50					1WES WES 6 59.9N 45 59.8W 003				
MAX. PRS= 1008 DB DEPTH= 1009 M					1WES FROM 90/11/24 0100Z 004				
AVER 1.0 INST 221006 RATE 15.62HZ					1WES TO 91/07/20 0700Z 005				
OBS= 1009 FMT(F7.1,2F8.4,F6.2,I6)					1WES SIG DIG REMOVED 5.64 006				
PRES TEMP SALT OXYG QUAL					1WES CONV'D TO MILLISEC 007				
0.0 27.4690 36.9050 -9.90 0					1WES MS = (TT-5.64)*1000 008				
1.0 27.4750 36.9050 -9.90 0					1WES 2-WAY TRAVEL TIME 009				
2.0 27.4750 36.9050 -9.90 0					2WES 065909N0455980W4230 7416				
3.0 27.4640 36.9136 -9.90 0					4WES 9012010500 8781 1				
4.0 27.4751 36.9157 -9.90 0					4WES 9012010600 9860 2				
1004.0 5.4230 34.8070 -9.90 0					4WES 9110060000 6681 7412				
1005.0 5.4230 34.8090 -9.90 0					4WES 9110060100 7071 7413				
1006.0 5.4230 34.8100 -9.90 0					4WES 9110060200 7916 7414				
1007.0 5.4230 34.8100 -9.90 0					4WES 9110060300 8518 7415				
1008.0 5.4222 34.8108 -9.90 0					4WES 9110060400 9120 7416				

----- Disk Contents -----

DISK 1

README	5746	02-20-92	11:37p
CTD 127	37582	02-18-92	3:06p
CTD 128	55453	02-18-92	3:07p
CTD 129	22782	02-18-92	3:08p
CTD 130	55453	02-18-92	3:10p
CTD 131	22745	02-18-92	3:11p
CTD 132	45907	02-18-92	3:13p
CTD 133	22449	02-18-92	3:13p
CTD 134	55379	02-18-92	3:15p
CTD 135	55416	02-18-92	3:16p
CTD 136	22634	02-18-92	3:17p
CTD 137	55416	02-18-92	3:18p
CTD 138	22708	02-18-92	3:19p
CTD 139	55416	02-18-92	3:20p
CTD 140	22634	02-18-92	3:21p
CTD 141	39839	02-18-92	3:22p
15 file(s)	591813	bytes	
	861184	bytes free	

DISK 2

234 PT1	1455584	02-19-92	1:19p
1 file(s)	1455584	bytes	
	2048	bytes free	

DISK 3

README

Thu Feb 20 11:58:00 1992

3

AD1234 PT2 164615 02-19-92 1:30p  
TIM12 NOD 613036 02-19-92 1:43p  
TOM34 NOD 612178 02-19-92 2:05p  
3 file(s) 1389829 bytes  
67072 bytes free

DISK 4

TAL12 NOD 680395 02-19-92 2:47p  
WES1 NOD 304497 02-19-92 3:23p  
2 file(s) 984892 bytes  
472576 bytes free

Submitted by;  
John R. Webber  
February 20, 1992

ACCESSION NO. 9200059FILETYPE F022

TRACK NO. \_\_\_\_\_

PROJECT  
IDENTIFICATION \_\_\_\_\_

COLUMBUS ISELIN CI-12

LAMONT

TEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK	SIZE	NO. RECORDS
ORIG. TAPE 3.5" Diskettes (4)	3-16-92	FIM	—	15	35	512		15,989
DUPLICATE TAPE DAMUS DISK	4-11-92	FIM	DNODCK 9200059 DAT.	1	35	224		↓
REFORMATTED TAPE								
REFORMATTED DISK								
FIRST MULCHEK								
FINAL MULCHEK								
PD75 OR F022								
DATA SET FINALIZED								

COPIED TO OPTICAL: 4-11-94

~~ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:~~

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)