

8700153

TO: E/OC12 - C. Noe

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

DATE: December 16, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

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DATA ARCHIVE AND INVENTORIES BRANCH (E/OC11)

C/STD (F022/C022)

Acc: 8700146 Ref: TT6338/319728 101 stations 21,976 records

R/V T. WASHINGTON Univ. of Washington  
Marathon-8

Acc: 8700153 Ref: TT8271 - 8273 ✓ 180 stations 2,571 records  
769005 - 6, 319730

R/V T. THOMPSON and VENUS

US - FRC Cooperative Studies [WHOI]

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cc: Division Director

ACCESSION NO. 8700153

FILETYPE \_\_\_\_\_

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

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

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE
ORIG. TAPE	<del>05/21/87</del>	CMA	A00463	180	35	3500
DUPLICATE TAPE	05/28/87	CMA	W06821 * SEARCHED	180	35	3500
REFORMATTED TAPE						
REFORMATTED DISK		RS	DNORC * THOMOUT. DNORC * VENUSOUT.	1		422
FIRST MULCHEK	12/16/87	CBA	SEL DATA. F022 TT8271	1		2563
FINAL MULCHEK						
MP075 OR F022	12/17/87	CBA	F022. TT8271/F022	1		2563
DATA SET FINALIZED						

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: DNORC \* 8700153-01.

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

STATION 0062 deleted from TT8273 (28 is duplicate of 0061)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

INVENTORY  
Record 2874 on screen  
170502

Record found

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)

FJM

DATE OF ENTRY: 12/10/87

REFERENCE NUMBER: TT8271      ACCESSION NUMBER: 8700153  
FORMER REFERENCE NUMBER:      FORMER ACCESSION NUMBER:      (RESUB ONLY)

-----  
INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape      DINDB CODE 09  
EXCHANGE (FORMAT): E018 - STD/CTD (F022)  
PROCESSING (FORMAT): F022 - CTD/STD

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3102  
PLATFORM (COUNTRY AND PLATFORM CODES): 76AH  
PLATFORM TYPE: 9 - Ship      DINDB CODE 09

ORIGINATORS FILE ID:      ORIGINATORS CRUISE ID: US-PRC COOP  
CRUISE START DATE: 01/10/86      CRUISE END DATE: 01/11/86      Press PgDn  
PROJECT CODE:      DATA USE CODE (DUC): 3      to continue  
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS:      9      NUMBER OF RECORDS:      49

If STA/REC counts are not appropriate then enter -

NUMBER:      UNITS:

AVERAGE REC SIZE:      120      MBYTES:      0.005880

-----  
OCEAN AREA

CODE 1:      MEANING:  
CODE 2:      MEANING:  
CODE 3:      MEANING:

-----  
DINDB TRACK TRANSACTION GENERATED:      /      /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY  
Record 2876 on screen  
170504

Record found

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)

FJM

DATE OF ENTRY: 12/10/87

REFERENCE NUMBER: TT8272      ACCESSION NUMBER: 8700153  
FORMER REFERENCE NUMBER:      FORMER ACCESSION NUMBER:      (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape      DINDB CODE 09  
EXCHANGE (FORMAT): E018 - STD/CTD (F022)  
PROCESSING (FORMAT): F022 - CTD/STD

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3102  
PLATFORM (COUNTRY AND PLATFORM CODES): 76AH  
PLATFORM TYPE: 9 - Ship      DINDB CODE 09

ORIGINATORS FILE ID:      ORIGINATORS CRUISE ID: US-PRC COOP  
CRUISE START DATE: 01/24/86      CRUISE END DATE: 01/28/86      Press PgDn  
PROJECT CODE:      DATA USE CODE (DUC): 3      to continue  
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 32      NUMBER OF RECORDS: 145

If STA/REC counts are not appropriate then enter -

NUMBER:      UNITS:

AVERAGE REC SIZE: 120      MBYTES: 0.017400

OCEAN AREA

CODE 1:      MEANING:  
CODE 2:      MEANING:  
CODE 3:      MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY  
Record 2872 on screen  
170500

Record found

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)

FJM

DATE OF ENTRY: 12/10/87

REFERENCE NUMBER: TT8273      ACCESSION NUMBER: 8700153  
FORMER REFERENCE NUMBER:      FORMER ACCESSION NUMBER:      (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape      DINDB CODE 09  
EXCHANGE (FORMAT): E018 - STD/CTD (F022)  
PROCESSING (FORMAT): F022 - CTD/STD

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3102  
PLATFORM (COUNTRY AND PLATFORM CODES): 31TT  
PLATFORM TYPE: 9 - Ship      DINDB CODE 09

ORIGINATORS FILE ID:      ORIGINATORS CRUISE ID: US-PRC COOP  
CRUISE START DATE: 01/12/86      CRUISE END DATE: 01/31/86      Press PgDn  
PROJECT CODE:      DATA USE CODE (DUC): 3      to continue  
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 139      NUMBER OF RECORDS: 2,377

If STA/REC counts are not appropriate then enter -

NUMBER:      UNITS:

AVERAGE REC SIZE: 120      MBYTES: 0.285240

OCEAN AREA

CODE 1:      MEANING:  
CODE 2:      MEANING:  
CODE 3:      MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

MEMORANDUM  
OF CALL

Previous editions usable

TO:

TOM

☐ YOU WERE CALLED BY-

☐ YOU WERE VISITED BY-

Melanie

OF (Organization)

764H

☐ PLEASE PHONE ►

☐ FTS

☐ AUTOVON

☐ WILL CALL AGAIN

☐ IS WAITING TO SEE YOU

☐ RETURNED YOUR CALL

☐ WISHES AN APPOINTMENT

MESSAGE

I need a  
ship code for  
R/V VENUS #2  
(Chinese vessel)

RECEIVED BY

DATE

TIME

63-110 NSN 7540-00-634-4018

★U.S.GPO:1985-0-461-274/20021

STANDARD FORM 63 (Rev. 8-81)

Prescribed by GSA  
FPMR (41 CFR) 101-11.6

TRANSMITTAL AND RECEIPT RECORD  
(Please sign and return carbon copy acknowledging receipt)

#134/07-22-87

TO: National Oceanographic Data Ctr. 1825 Connecticut Ave., NW Washington, D.C. 20235		REFER TO
		ATTENTION Dr. Tony Picciolo
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY		
<input checked="" 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		

A00463

The enclosed reel of magnetic tape (CTD027) contains two cruises of CTD data collected in the Yellow Sea area under a joint U.S.A./China program. These data were released by Mr. Richard Limeburner, Woods Hole Oceanographic Institution and are part of an NSF funded research program.

R/V Thomas Thompson cr. 193 Jan. 12 - Jan 31, 1986 139 sta.  
R/V Venus No. 2 (Chinese vessel) Jan 11 - Jan 28, 1986 41 sta.  
76AH

These data have been formatted to the NODC/WHOI CTD exchange format and contain the variables of depth (reported as pressure), temperature, and salinity. These data have been averaged to 2 decibar levels.

a. Tape CTD027 ( 9 track, 1600 bpi, ASCII, recsize=35, blocksize=3500, one file per station)

b. Sample dump of the first and last station of each cruise.

NSF GRANT # OCE 8501366

cc: R. Limeburner

8700153

APPROX. NUM. RECORDS = 6,300

FORWARDED BY (Signature) George Heimerdinger	TITLE NODC Northeast Service Center Rep.	DATE FORWARDED Apr. 20, 87
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

## TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

#134/4-22-87

TO: National Oceanographic Data Ctr.  
1825 Connecticut Ave., NW  
Washington, D.C. 20235

REFER TO

ATTENTION Dr. Tony Picciolo

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

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

A00463

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b. Sample dump of the first and last station of each cruise.

NSF GRANT # OCE 8501366

cc: R. Limeburner

8700153

APPROX. NUM. RECORDS = 6,300

FORWARDED BY (Signature)

George Heimerding

TITLE

NODC Northeast Service Center Rep.

DATE FORWARDED

Apr. 20, 87

RECEIVED BY (Signature)

TITLE

DATE RECEIVED



UNIT TO BE USED AND FUNCTION TO BE PERFORMED									
MEDIUM CARD DISK TAPE OTHER(SPECIFY)									
OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)									
DISKETTE INFORMATION									
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
A0463		9	1600	ODD	N/A		35	3500	180
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DATE
INSTRUCTIONS									
Please return tape A0463 to Bin 09								ESTIMATED EXECUTION TIME	
USE ONLY									
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINT DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED					
5/21/87	10:30	10:44	C	COMPLETED BY JAMES					

Copy to 'W' tape  
Scan 'W' tape

Dir  
09

MEDIUM CARD DISK <u>TAPE</u> OTHER(SPECIFY)				OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)			
---	--	--	--	---	--	--	--

DISKETTE INFORMATION										
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
A00463		9	1600	ODD	NL	FB	35	3500	1	
SECTOR SIZE		EXCHANGE TYPE		CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME			PUR DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
SECTOR SIZE		EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME			PUR DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
W06821		9	1600	ODD	SL	FB	35	3500	180	
SECTOR SIZE		EXCHANGE TYPE		CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME DNDPC*8700153-01			PUR DATE

AL INSTRUCTIONS Please send 'W' tape to Asheville, N.C.								ESTIMATED EXECUTION TIME	
---	--	--	--	--	--	--	--	--------------------------------	--

USE ONLY					DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINT DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY		
5/28/87	10:45	11:30	C		COMPLETED BY JAMES

87052709

02/13/89

TO: E/OC12 - Branch Chief  
E/OC11 - P. Hadsell  
FROM: E/OC13 - A. Picciolo  
SUBJECT: Data Transfer

8700153

The following listed data sets have been transferred as indicated:

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C/STD

(F022)

Acc: 8700153 Ref: TT8273 - TT8273 139 sta. 2,377 rec.

WHOI

(US-PRC Coop. Program)

Do Not process until  
after May 1989  
PW

cc: Division Director

NODC ERRONEOUS DATA FORM (1083)

Use This Form to Notify the Data Base Administrator  
of Any Error in NODC's Files

File Type: F022/C022 Date: Feb. 13, 1989 Number: \_\_\_\_\_

Tape/Disk Name: \_\_\_\_\_ Tape Number: \_\_\_\_\_

Describe Error(s) (Provide Any Available Documentation.)

Acc: 8700153 Ref: TT8273/319730 Data has been received of  
greater value; and is being re-submitted to OC12. Please retain track no.

---

Name: F. Mitchell

Date Received: \_\_\_\_\_

Master File:

Date Retrieved for Corrections: \_\_\_\_\_ Inventory Updated: \_\_\_\_\_

Date Given to Processing: \_\_\_\_\_ Deleted: \_\_\_\_\_

Date Received from Processing: \_\_\_\_\_

Date Added to Master File: \_\_\_\_\_ Inventory Updated: \_\_\_\_\_

Ancillary File:

Date Corrected: \_\_\_\_\_

Remarks:

CC: T. Knapik

NOTE: THIS PRODUCT IS LICENSED TO:

NATIONAL CLIMATIC DATA CENTER

AT SITE: 03935001

COPYRIGHT (C) 1986 SAS INSTITUTE INC., CARY, NC 27511, USA

02/13/89 13:44:53 BEGIN SYSTEM 2000 RELEASE 4.0A

56- OPENED.....TRACK1

2 9430 02/09/89 08:35:54

>=C1020=,OB C21 WH C21 EQ TT8271=TT8273:

DINDB QUERY LISTING

02/13/1989

*	ACC-NO	REFNO	F-A	PROJ	INST	PLAT	CRUISE	***CRUISE DATES***		STA IN	STA OUT
								START	END		
***											
*	8700153	TT8271	F022	****	3102	76AH	US-PRC C	01/10/1986	01/11/1986	9	9
							00				
*		TT8272	F022	****	3102	76AH	US-PRC C	01/24/1986	01/28/1986	32	32
							00				
*		TT8273	F022	****	3102	31TT	US-PRC C	01/12/1986	01/31/1986	139	137
							00				

C022 = 319730

WORK NO. 8800153

FILETYPE

TRACK NO.

PROJECT IDENTIFICATION

8800153

CTD

JOINT USA/CHINA PROJ.

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	09/21/88	CMT	A00805	139	35	700	11882
DATE, TAPE W	09/30/88	CMT	W04147	139	35	700	11882
DATED TAPE	10-21-88	R.P.S.	<del>W14785</del> W14785	139	120	12000	2377
DATED DISK			XX				
MULCHEK							
MULCHEK	6/27/89	CAF	SELDATA.F022 TT 8273	1	120	12000	2377
OR F022			F022 MARY. TT 8273	1	"	"	"
ET FINALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR: Tape W04147 is 9 TRK, NL; 1600bp;

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

\* \* LABEL = DNODC \* JOINTOUT

REMOVED BLANK RECORDS

YS (TRACKS DELETED, FIELDS DELETED, ETC.)

## 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. Tony Picciolo

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

☐ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHERTHE FOLLOWING DATA ARE BEING RESUBMITTED

The enclosed reel of magnetic tape (CTD-36) contains the CTD data collected by the R/V Thomas Thompson cruise 193, Jan 12 - 31, 1986. This is a resubmission of data transmitted to NODC April 20, 1987, NODC Accession # 8700153 (copy of transmittal attached). The data have been formatted to the NODC/WHOI CTD Exchange Format.

- a..Tape CTD-36 (9 track, 1600 bpi, ASCII, recsize=35, blocksize=700, 139 files, one file per station)
- b..Sample dump of the first and last file.

8700153  
A00805

cc: R. Limeburner, WHOI

FORWARDED BY (Signature)  
George HeimerdingerTITLE  
NODC Service Center Rep.DATE FORWARDED  
08/31/88RECEIVED BY (Signature)  
F. Mitchell

TITLE

DATE RECEIVED  
9-6-88

## 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. Tony Picciolo

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 reel of magnetic tape (CTD027) contains two cruises of CTD data collected in the Yellow Sea area under a joint U.S.A./China program. These data were released by Mr. Richard Limeburner, Woods Hole Oceanographic Institution and are part of an NSF funded research program.

R/V Thomas Thompson cr. 193 Jan. 12 - Jan 31, 1986 139 sta.  
R/V Venus No. 2 (Chinese vessel) Jan 11 - Jan 28, 1986 41 sta.

150

These data have been formatted to the NODC/WHOI CTD exchange format and contain the variables of depth (reported as pressure), temperature, and salinity. These data have been averaged to 2 decibar levels.

a..Tape CTD027 ( 9 track, 1600 bpi, ASCII, recsize=35, blocksize=3500, one file per station)

b..Sample dump of the first and last station of each cruise.

NODC ID Num 8700153

cc: R. Limeburner

FORWARDED BY (Signature) George Heimerding	TITLE NODC Northeast Service Center Rep.	DATE FORWARDED Apr. 20, 87
RECEIVED BY (Signature) F. Mitchell	TITLE	DATE RECEIVED



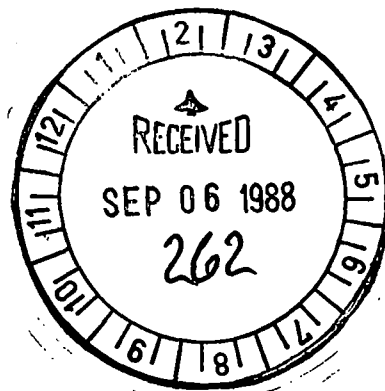
SHIP TT CRUIS 193 STAT: 1  
 DO 86- 1-12 TIME: 857 Z  
 L 36 49.90 LG 123 3.10  
 MAX PRS= 26. DB DEPTH= 32. M  
 AVER 2.0 INST 1 RATE 2.50HZ  
 OBS= FMT(F7.1,2F8.4,F6.2,16)  
 PRES TEMP SALT OXYG QUAL  
 2.0 3.4550 30.4410  
 4.0 3.6310 30.5200  
 6.0 3.8130 30.6040  
 8.0 3.8090 30.6130  
 10.0 3.9360 30.6620  
 12.0 4.3020 30.7810  
 14.0 4.7070 30.8920  
 16.0 5.0550 30.9760  
 18.0 5.2100 30.9880  
 20.0 5.2920 31.0020  
 22.0 5.3350 31.0090  
 24.0 5.3460 31.0120  
 26.0 5.3420 31.0130

SAMPLE 1ST. FILE  
 TAPE CTD-36

~~SHIP~~  
 SHIP TT CRUIS 193 STAT: 139  
 DATE 86- 1-31 TIME: 153 Z  
 LAT 31 42.60 LG 128 16.30  
 MAX. PRS= 176. DB DEPTH= 180. M  
 AVER 2.0 INST 1 RATE 2.00HZ  
 OBS= FMT(F7.1,2F8.4,F6.2,16)  
 PRES TEMP SALT OXYG QUAL

SAMPLE 13975 file  
 Tape CTD-36

0 16.2050 34.6830  
 2.0 16.2070 34.6840  
 4.0 16.2070 34.6780  
 6.0 16.2080 34.6800  
 8.0 16.2080 34.6800  
 10.0 16.2080 34.6800  
 12.0 16.2090 34.6800  
 14.0 16.2090 34.6790  
 16.0 16.2090 34.6780  
 18.0 16.2110 34.6690  
 20.0 16.2140 34.6690  
 22.0 16.2160 34.6660  
 24.0 16.2120 34.6640  
 26.0 16.2110 34.6730  
 28.0 16.2130 34.6680  
 30.0 16.2150 34.6640  
 32.0 16.2160 34.6690  
 34.0 16.2120 34.6650  
 36.0 16.2120 34.6640  
 38.0 16.2140 34.6640  
 40.0 16.2150 34.6590  
 42.0 16.2150 34.6680  
 44.0 16.2210 34.6550  
 46.0 16.2160 34.6660  
 48.0 16.2150 34.6620  
 50.0 16.2160 34.6680  
 52.0 16.2150 34.6760  
 54.0 16.2150 34.6740  
 56.0 16.2140 34.6590  
 58.0 16.2160 34.6680  
 60.0 16.2180 34.6570  
 62.0 16.2160 34.6570



USER NAME <i>Cliff Hatter</i>	PHONE # <i>675-5636</i>	ORG/TASK # <i>EG-1300-S.A. 3/11/7</i>	DATE SUBMITTED <i>09/25/8</i>	DATE DUE <i>9/27/8</i>	BIN # <i>001</i>
----------------------------------	----------------------------	--	----------------------------------	---------------------------	---------------------

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*Copy to a W tape*  
*Scan to tape*

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	<i>110865</i>		<i>9</i>	<i>1600</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>	<i>35</i>	<i>700</i>	<i>139</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
			<i>9</i>	<i>1600</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>	<i>35</i>	<i>700</i>	<i>139</i>
OUTPUT	<i>110865</i>		<i>9</i>	<i>1600</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>	<i>35</i>	<i>700</i>	<i>139</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
			<i>9</i>	<i>1600</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>	<i>35</i>	<i>700</i>	<i>139</i>

SPECIAL INSTRUCTIONS

*Please send to tapes to  
Ashville, N.C.*

ESTIMATED  
EXECUTION  
TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>58092806</i>	<i>09/30/83</i>	<i>09:35</i>	<i>09:45</i>	<i>C</i>	<i>COMPLETED BY JS</i>

COMMENTS

USER NAME <i>W. J. ...</i>	PHONE # <i>672-...</i>	ORG/TASK # <i>672-...</i>	DATE SUBMITTED <i>6/9/88</i>	DATE DUE <i>7/1/88</i>	BIR # <i>0-1</i>
-------------------------------	---------------------------	------------------------------	---------------------------------	---------------------------	---------------------

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*Please scan tape*

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	<i>A00805</i>		<i>9</i>	<i>1600</i>					<i>700</i>	<i>139</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <i>ASCII EBCDIC BCD SDF</i> OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: <i>ASCII EBCDIC BCD SDF</i> OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: <i>ASCII EBCDIC BCD SDF</i> OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

*Please return tape A00805  
to Bin 09*

ESTIMATED  
EXECUTION  
TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>4802001</i>	<i>6/9/88</i>	<i>15:44</i>	<i>18:10</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

HANSEN REF. #

769005

8100153

MULDARS TRACK #

TT8271

MONITOR: CONTACT

SELKIRK

LOCATION OF F022 SOURCE

ARCHIVES (TT8271)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

NONE

HANSEN REF. #

769006

MULDARS TRACK #

TT8272

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT8272)

RECORD ALL ERRORS FOUND

CONSEC(S)

22 & 23

ERRORS FOUND

Interchange stations:  
Delete Time (025 hrs)  
from Consec. No. 23 (formerly  
Consec. No. 22)

*MR.*  
1/20/88

HAUSEN REF. #

319730

MULDARS TRACK #

TT 8273

MONITOR: CONTACT

SECKIRK

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC(S)

0020

0054

0055

0056

0057

0058

0059

OLD 0060

0066

ERRORS FOUND

CHANGE HOUR FROM

08.7 TO 09.7

CHANGE LONG. TO 124°

CHANGE HOUR FROM

07.2 TO 17.2, CHANGE

CONSEC. NO. TO 0060.

CHANGE CONSEC NO. TO 0055

0056

0057

0058

0059

DELETE. CANNOT RESOLVE  
EXTREME SPEEDS BETWEEN  
STATIONS.

*MAK*  
1/20/88

ACCESSION NO. 8700153FILETYPE F022/c022 TRACK NO. \_\_\_\_\_PROJECT  
IDENTIFICATION \_\_\_\_\_

TT 8271 - 769005

TT 8272 - 769006

TT 8273 - 319730

USA - CHINA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE
ORIG. TAPE	05/21/87	CMH	1100463	180	35	3500
DUPLICATE TAPE	05/28/87	CMH	W06821 *	180	35	3500
REFORMATTED TAPE						
REFORMATTED DISK		RS	DNORC * THOMOUT. DNORC * YENYSOUT.	1		
FIRST MULCHEK						
FINAL MULCHEK						
MP075 OR F022						
DATA SET FINALIZED						

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: DNORC \* 8700153-01.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D	U	A	A	MM	MM	U	U	S
D	D	A	A	M	M	M	U	U
D	D	A	A	M	M	U	U	SSS
D	D	AAAAA	M	M	U	U		S
D	D	A	A	M	M	U	U	S
DDDD	A	A	M	M	UUUUU	SSSS		

DISKFILE = THOMOUT.

Platform DISKFILE = THOMOUT.  
 TRACK — START END #STA #RECS  
 TT 8273 31 TT 860112 860131 139 2377

DISKFILE = VENUSOUT.

TT 8271 76AH 860110	860111	9	49
TT 8272 76AH 860124	860128	32	145

DD	DD	AA	AA	TT	11	88	88	66
DD	DD	AA	AA	TT	11	88	88	66
DD	DD	AA	AA	TT	11	888888	66666666	
DD	DD	AA	AA	TT	11	888888	66666666	
DD	DD	AAAAAAAAAA	TT	11	88	88	66	66
DD	DD	AAAAAAAAAA	TT	11	88	88	66	66
DD	DD	AA	AA	TT	11	88	88	66
DD	DD	AA	AA	TT	11	88	88	66
DDDDDDDD	AA	AA	TT	111111	888888	666666		
DDDDDDDD	AA	AA	TT	111111	888888	666666		

\_NODC\$DUAL:[DAMUS.PRTFILES]DAMUS.DAT;186 (4760,12,0), LAST REVISED ON 26-JUN-1987 21:41, IS A 116 BLOCK SEQU  
 [DAMUS]. THE RECORDS ARE VARIABLE LENGTH WITH A FIXED CONTROL SIZE OF 2 BYTES AND PRINT FILE (PRN) CARRIA  
 ST RECORD IS 132 BYTES.

DAMUS (427) QUEUED TO SYS\$PRINT ON 26-JUN-1987 21:41 BY USER DAMUS, UIC [DAMUS], UNDER ACCOUNT DAMUS AT PRIOR  
 INTER \_NODC\$LPA0: ON 29-JUN-1987 08:21 FROM QUEUE LPA0.

.....



INVENTORY

. Record found

Record 2875 on screen

170503

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)

FJM

DATE OF ENTRY: 12/10/87

REFERENCE NUMBER: 769005

ACCESSION NUMBER: 8700153

FORMER REFERENCE NUMBER:

FORMER ACCESSION NUMBER:

(RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape

DINDB CODE 09

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.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3102

PLATFORM (COUNTRY AND PLATFORM CODES): 76AH

PLATFORM TYPE: 9 - Ship

DINDB CODE 09

ORIGINATORS FILE ID:

ORIGINATORS CRUISE ID: TT8271

CRUISE START DATE: 01/10/86

CRUISE END DATE: 01/11/86

Press PgDn

PROJECT CODE:

DATA USE CODE (DUC): 3

to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS:

9

NUMBER OF RECORDS:

49

If STA/REC counts are not appropriate then enter -

NUMBER:

UNITS:

AVERAGE REC SIZE:

112

MBYTES:

0.005488

OCEAN AREA

CODE 1:

MEANING:

CODE 2:

MEANING:

CODE 3:

MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

Record found

Record 2877 on screen

170505

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)

FJM

DATE OF ENTRY: 12/10/87

REFERENCE NUMBER: 769006

ACCESSION NUMBER: 8700153

FORMER REFERENCE NUMBER:

FORMER ACCESSION NUMBER:

(RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape

DINDB CODE 09

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.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3102

PLATFORM (COUNTRY AND PLATFORM CODES): 76AH

PLATFORM TYPE: 9 - Ship

DINDB CODE 09

ORIGINATORS FILE ID:

ORIGINATORS CRUISE ID: TT8272

CRUISE START DATE: 01/24/86

CRUISE END DATE: 01/28/86

Press PgDn

PROJECT CODE:

DATA USE CODE (DUC): 3

to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS:

32

NUMBER OF RECORDS:

145

If STA/REC counts are not appropriate then enter -

NUMBER:

UNITS:

AVERAGE REC SIZE:

112

MBYTES:

0.016240

OCEAN AREA

CODE 1:

MEANING:

CODE 2:

MEANING:

CODE 3:

MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY  
Record 2873 on screen  
170501

Record found

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)

FJM

DATE OF ENTRY: 12/10/87

REFERENCE NUMBER: 319730      ACCESSION NUMBER: 8700153  
FORMER REFERENCE NUMBER:      FORMER ACCESSION NUMBER:      (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape      DINDB CODE 09  
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.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3102  
PLATFORM (COUNTRY AND PLATFORM CODES): 31TT  
PLATFORM TYPE: 9 - Ship      DINDB CODE 09

ORIGINATORS FILE ID:      ORIGINATORS CRUISE ID: TT8273  
CRUISE START DATE: 01/12/86      CRUISE END DATE: 01/31/86      Press PgDn  
PROJECT CODE:      DATA USE CODE (DUC): 3      to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: <sup>137</sup> 139      NUMBER OF RECORDS: 2,377

If STA/REC counts are not appropriate then enter -

NUMBER:      UNITS:

AVERAGE REC SIZE: 112      MBYTES: 0.266224

OCEAN AREA

CODE 1:      MEANING:  
CODE 2:      MEANING:  
CODE 3:      MEANING:

DINDB TRACK TRANSACTION GENERATED: . / .

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

TRANSMITTAL AND RECEIPT RECORD  
(Please sign and return carbon copy acknowledging receipt)

#134/09-22-87

TO: National Oceanographic Data Ctr.  
1825 Connecticut Ave., NW  
Washington, D.C. 20235

REFER TO

ATTENTION Dr. Tony Picciolo

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

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

A00463

The enclosed reel of magnetic tape (CTD027) contains two cruises of CTD data collected in the Yellow Sea area under a joint U.S.A./China program. These data were released by Mr. Richard Limeburner, Woods Hole Oceanographic Institution and are part of an NSF funded research program.

R/V Thomas Thompson / cr. 193 Jan. 12 - Jan 31, 1986 139 sta.  
R/V Venus No. 2 (Chinese vessel) Jan 11 - Jan 28, 1986 41 sta.

These data have been formatted to the NODC/WHOI CTD exchange format and contain the variables of depth (reported as pressure), temperature, and salinity. These data have been averaged to 2 decibar levels.

a. Tape CTD027 ( 9 track, 1600 bpi, ASCII, recsize=35, blocksize=3500, one file per station)

b. Sample dump of the first and last station of each cruise.

NSF GRANT # OCE 8501366

cc: R. Limeburner

8700153

APPROX. NUM. RECORDS = 6,300

FORWARDED BY (Signature) George Heimerding	TITLE NODC Northeast Service Center Rep.	DATE FORWARDED Apr. 20, 87
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

Copy to 'W' tape  
Scan 'W' tape

MEDIUM CARD DISK <u>TAPE</u> TE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
--	---

180 files

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
A00463		9	1600	ODD	NL	FB	35	3500	1
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
W06821		9	1600	ODD	SL	FB	35	3500	180
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNDPC 8700153-01			PUR DATE

INSTRUCTIONS Please send 'W' tape to Asheville, N.C.	ESTIMATED EXECUTION TIME
--	--------------------------------

USE ONLY				DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINT DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	
5/28/87	10:45	11:30	C	COMPLETED BY JAMES

TO BE USED AND FUNCTION TO BE RETURNED

Scan Tape

MEDIUM P CARD DISK TAPE TTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
--	---

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL
ADP463		9	1600	DD	NK		35	3500	180
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PUR DAT

INSTRUCTIONS

Please return tape ADP463  
to Bin C9

ESTIMATED EXECUTION TIME
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E ONLY					DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINT DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY		
5/21/67	14:34	14:44	C		COMPLETED BY JAMES

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8700153	C022	319730	9999	3102	31TT	1986/01/12	TT8273	169739
8700153	F022	TT8273	9999	3102	31TT	1986/01/12	US-PRC C	169744
8700153	C022	769005	9999	3102	76AH	1986/01/10	TT8271	169740
8700153	C022	769006	9999	3102	76AH	1986/01/24	TT8272	169741
8700153	F022	TT8271	9999	3102	76AH	1986/01/10	US-PRC C	169742
8700153	F022	TT8272	9999	3102	76AH	1986/01/24	US-PRC C	169743

(6 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8700153	C022	319730	31TT	139	154	86/01/12	86/01/31
8700153	F022	TT8273	31TT	139	2377	86/01/12	86/01/31
8700153	C022	769005	76AH	9	9	86/01/10	86/01/11
8700153	C022	769006	76AH	32	32	86/01/24	86/01/28
8700153	F022	TT8271	76AH	9	49	86/01/10	86/01/11
8700153	F022	TT8272	76AH	32	145	86/01/24	86/01/28

(6 rows affected)