

ACCESSION
NUMBER

8600150

DATA DOCUMENTATION FORM

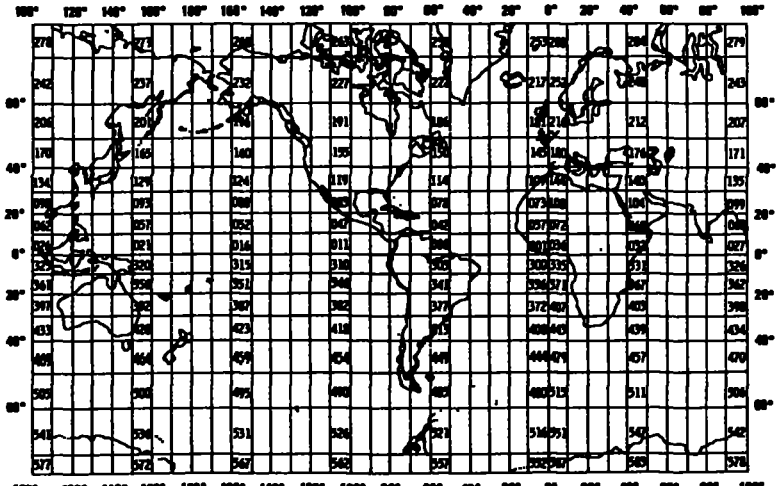
F022 TT 7149
C022 769001NOAA FORM 24-13
(2-85)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 0648-0024
EXPIRES 2/29/87

(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 <i>Dr. Bob Beardsley Woods Hole Oceanographic Institution Woods Hole, MA 02543</i>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>Yellow Sea Survey</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>YS1</i>	
4. PLATFORM NAME(S) <i>R/V SCIENCE 1</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>SHIP</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>SCIENCE 1 CHINA</i>	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR <i>11-21-83 11-15-83 11-21-83</i>
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 checked="" 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) <i>Richard Limeburner 617 548 1400 X 2497</i>			

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Depth reported as <u>PRESSURE</u>	Decibar	CTD		
Temperature	deg C	"		
Salinity	PPT	"		
Oxygen	mgAT/L	"		

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

The first seven (7) records contain the basic sampling information followed by "n" data records (variable length files). The record type is identified by its position/order in the file. The first 7 records are self documenting in that each field has a readable label. See sample file dump in "RECORD FORMAT DESCRIPTION" section.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

This data set/tape contains the CTD casts from one cruise. The tape is multi-file with each station being a separate file. The first seven records of each file contains the basic sampling information for that station. The remaining records are data records. Each record is 35 char. long.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p>ASC II or [REDACTED]</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII [REDACTED] <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD <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>CTD Ø19 CTD data, WHOI/NODC EXCHANGE FORMAT, R/V SCIENCE 1, NOV 15-21 1983, ONE FILE/STA.</p>
<p>8. DENSITY</p> <p>[REDACTED] or 1600</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI [REDACTED] <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES REC=35 BLK=3500</p> <p>13. LENGTH OF BYTES IN BITS</p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
DESCRIPTION 1ST	HEADER RECORD				(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		5H	ALWAYS "SHIPØ" (Ø = blank)
SHIP CODE	7	2		A2	2 CHAR. SHIP CODE AT = ATLANTIS II, KN = KNORR OC = OCEANUS, ETC.
FIELD LABEL	9	7		7H	ALWAYS "ØCRUISØ"
CRUISE NUMBER	16	3		I3	CRUISE NO.
FIELD LABEL	19	6		6H	ALWAYS "ØSTAT:"
STATION NUMBER	25	4		I4	STATION NO.
BLANK	29	1			BLANK
FIELD LABEL	30	3		3H	ALWAYS "C#:"
CAST NUMBER	33	3		I3	CAST NO. USED FOR YO-YO STATIONS
	TOTAL =	35			
DESCRIPTION 2ND	HEADER RECORD				(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		H5	ALWAYS "DATEØ" (Ø = blank)
DATE:YEAR	7	2		I2	YEAR LAST TWO DIGITS
	9	1		H1	ALWAYS "-" FIELD SEPARATER
MONTH	10	2		I2	MONTH (1-12)
	12	1		H1	ALWAYS "-" FIELD SEPARATER
DAY	13	2		I2	DAY (1-31)
BLANK	15	2			BLANK
FIELD LABEL	17	6		H6	ALWAYS "TIME:Ø"
TIME	23	4		I4	TIME GMT 24 HR. CLOCK
TIME LABEL	27	2		H2	ALWAYS "ØZ" SYMBOL FOR GMT OR ZULU TIME
BLANK	29	7			BLANK
	TOTAL =	35			

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
DESCRIPTION 3RD		HEADER RECORD			(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	4		4H	ALWAYS "LATØ" (Ø = blank)
LATITUDE:DEGREES	6	3		I3	DEGREES OF LATITUDE NEGATIVE FOR SOUTH
LATITUDE:MINUTES	9	6		F6.2	MINUTES OF LATITUDE TO HUNDREDTHS OF A MINUTE
FIELD LABEL	15	4		4H	ALWAYS "ØLGØ"
LONGITUDE:DEGREES	19	4		I4	DEGREES OF LONGITUDE NEGATIVE FOR WEST
LONGITUDE:MINUTES	23	6		F6.2	MINUTES OF LONGITUDE TO HUNDREDTHS OF A MINUTE
BLANK	29	7			BLANK
	TOTAL = 35				
DESCRIPTION 4TH		HEADER RECORD			(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	9			ALWAYS "MAX.ØPRES=" (Ø=blank)
MAX.PRESSURE	11	6		F6.0	MAXIMUM PRESSURE REACHED BY THE CTD CAST, PRESSURE IN DECIBARS
FIELD LABEL	17	11		11H	ALWAYS "ØDBØØDEPTH="
DEPTH TO BOTTOM	28	6		F6.0	WATER DEPTH IN METERS
DEPTH LABEL	34	2		2H	ALWAYS "ØM" M = Meters
	TOTAL = 35				
DESCRIPTION 5TH		HEADER RECORD			(All fields right justified)
BLANK	1	1			BLANK
FIELD LABEL	2	5		5H	ALWAYS "AVERØ" (Ø = blank)
AVERAGING INTERVAL*	7	5		F5.1	ALL DATA REDUCED TO A COMMON REPORTING INTERVAL, IN DECIBARS
FIELD LABEL	12	6		6H	ALWAYS "ØINSTØ"
INSTRUMENT NO.	18	4		I4	CTD INSTRUMENT NO.
FIELD LABEL	22	6		6H	ALWAYS "ØRATEØ"
SAMPLING RATE	28	6		F6.2	SAMPLING RATE IN HERTZ (SAMPLES/SECOND), TO HUNDREDTHS
UNITS LABEL	34	2			ALWAYS "HZ"
	TOTAL = 35				
* A NEGATIVE VALUE IN THIS FIELD INDICATES AN UP TRACE/PROFILE					

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>DESCRIPTION 6TH HEADER RECORD</u>					
BLANK	1	1			BLANK
FIELD LABEL	2	4		H4	ALWAYS "OBS="
TOTAL DATA CYCLES	6	6		I6	TOTAL NUMBER OF DATA CYCLES THIS STATION
FIELD LABEL	12	4		H4	ALWAYS "FMT" MEANING FORMAT
FORTTRAN FORMAT	16	20		H20	ALWAYS "(F7.1,2F8.4,F6.2,I6)"
	TOTAL = 35				TO READ DATA RECORD.
<u>DESCRIPTION 7TH HEADER RECORD</u>					
IF TAPE IS DUMPED, THIS RECORD PROVIDES COLUMN HEADING ON LISTING, CONTAINS NO STATION INFORMATION (see sample listing next page)					
<u>DESCRIPTION DATA RECORD</u>					
PRESSURE	1	7		F7.1	PRESSURE AS DECIBARS
TEMPERATURE	8	8		F8.4	TEMPERATURE AS DEGREES C
SALINITY	16	8		F8.4	SALINITY AS PARTS/THOUSAND
OXYGEN	24	6		F6.2	OXYGEN AS ML/L
QUALITY WORD	30	6		I6	QUALITY CONTROL CODE SEE FOLLOWING TEXT
Quality word defined: If positive, the quality word contains the number of observations from the time-series data that went into the pressure bin. Negative quality words denote data which has been interpolated. The value of the negative number reflects which variable or variables have been modified, based on the variable location in the CTD data file: -1 for T, -2 for S, -4 for O2, -3 for T & S, -5 for T & O, -6 for S & O, -7 for T,S & O. A positive quality word can be used to infer time and lowering rate: lowering rate = sample rate * pressure interval/quality # time = start time(hr:min) + sample rate * summed quality (secs)					
NOTE: A field will be asterisk filled if the value in question exceeds the allocated field length. At this stage of processing this should not occur.					

RECORD FORMAT DESCRIPTION

RECORD NAME _____

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

SHIP KN CRUIS 66 STAT: 21 C#: 3					
DATE 77- 6- 2 TIME: 1200 Z					
LAT 36 2.00 LG -37 53.20					
MAX. PRS= 4157. DB DEPTH= 5968. M					
>AVER 2.0 INST 4 RATE 31.00HZ					
OBS= 2076 FMT(F7.1,2F8.4,F6.2,I6)					
PRES	TEMP	SALT	OXYG	QUAL	
7.0	19.2491	36.1420	6.56	583	
9.0	19.2472	36.1421	5.27	75	
11.0	19.2472	36.1425	5.30	76	
13.0	19.2472	36.1426	5.34	131	
15.0	19.2477	36.1431	5.28	69	
17.0	19.2484	36.1429	5.28	70	
19.0	19.2482	36.1420	5.32	119	
21.0	19.2466	36.1410	5.29	65	
23.0	19.2419	36.1421	5.25	71	
25.0	19.2393	36.1458	5.30	97	
27.0	19.2378	36.1431	5.30	49	
29.0	19.2405	36.1439	5.31	42	
31.0	19.2343	36.1461	5.33	111	
33.0	19.2074	36.1484	5.32	88	
35.0	19.1652	36.1553	5.31	63	
37.0	19.1152	36.1576	5.37	135	
39.0	18.9682	36.1682	5.38	70	
41.0	18.8389	36.1837	5.38	55	
43.0	18.5625	36.2002	5.50	167	

8600150

TO: E/OC12 - C. Noe
E/OC11 - P. Hadsell ←
FROM: E/OC13 - A. Picciolo
DATE: November 18, 1987
SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

DATA ARCHIVE AND INVENTORIES BRANCH (E/OC11)

✓ C/STD (F022/C022)

Acc: 8600150 Ref: TT7149/769001 55 stations 1,798 records ✓

R/V SCIENCE (China) via WHOI

CURRENT METERS (F015)

Acc: 8600234 Ref: TT8098 - 8107 10 stations 98,881 records

Texas A & M Univ.

~~TT 76338~~
TT 7149

cc: Division Director

0012

November 16, 1987

MEMORANDUM FOR: Gregory W. Withee
Director

FROM: Anthony R. Picciolo *Tom*
Chief, Data Acquisition and Management Branch

SUBJECT: Weekly Branch Data Receipts

The following data, by type and volume, were received during the week of November 6 - 12, 1987.

Data Type	File Type	No. of Stations	No. of Records	Institution	Area
C/STD (US - PRC Cooperative Studies)	F022	143	---	WHOI	A

AREA: A = North East Pacific

ACCESSION NO. 8600150FILETYPE F022/CO22TRACK NO. TT7149PROJECT
IDENTIFICATION _____

LEVEL-1

REF 769001

YELLOW SEA
CHINA

STEP	DATE	INIT.	TAPE OR DISK DSN.	NO. FILES	RECL	BLK SIZE	NO. RECOR
ORIG. TAPE	5/29/86	LT	CTD 19 - A00241 VAR	55	35	VAR 9500	1798 1818
DUPLICATE TAPE	7/25/86	LT	W09579	1	35	455	
REFORMATTED TAPE							
REFORMATTED DISK		RPS	DNODC* SCIENCEOUT.	1		244	360
FIRST MULCHEK			SCIENCEOUT.				
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

***** Record 11017 in INVENTORY *****

011484

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

FJM

DATE OF ENTRY: 06/09/86

REFERENCE NUMBER: TT7149 / ACCESSION NUMBER: 8600150 /
FORMER REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: _____ (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E071 - WHOI CTD Exchange
PROCESSING (FORMAT): F022 / CTD/STD

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 7603
PLATFORM (COUNTRY AND PLATFORM CODES): 769C
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: YS 1
CRUISE START DATE: 11/15/83 / CRUISE END DATE: 11/21/83 / Press PgDn
PROJECT CODE: _____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 55 / NUMBER OF RECORDS: 1,798

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

OCEAN AREA

CODE 1: 51 MEANING: Yellow Sea (Hwang Hai)
CODE 2: _____ MEANING: _____
CODE 3: _____ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: / /

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: National Oceanographic Data Ctr.
3300 Whitehaven St., 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

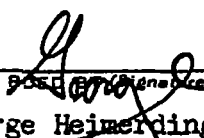
The following CTD data set is forwarded to NODC for processing and archiving:

R/V Science 1 (China) Cr. ES-1 Nov. 15 - 21 83 55 sta.

These data were received from Dr. Bob Beardsley, Woods Hole Oceanographic Institution, and are part of his research activities in the East China Yellow Sea region. These data have been formatted to the NODC/WHOI CTD exchange format and are reported at 2 decibar intervals.

- a..Tape CTD 19 - 9tk, 1600bpi, ASCII, Rec=35, Blk=3500
- b..Sample tape dump of the 1st and last files.
- c..Data Documentation Form
- d..NAPIS record

cc: B. Beardsley

FC  George Heimendinger	TITLE NODC N.E. Service Center Rep.	DATE FORWARDED May 1, 86
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

SCAN. PRINT 2 PAGES OF RECORDS

APE/DISKETTE INFORMATION

UTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)	DATA SET NAME	PURGE DATE
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731 USE ONLY

COMMENTS

~~3. The following is a list of the names of the persons who have been named in the above mentioned affidavits as having been in the possession of the same at the time of the same being made.~~

SER NAME HALMINEK1	PHONE # 634-7441	ORG/TASK #	DATE SUBMITTED 6/9/86	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

F022

MAKE SL COPY. SCAN OUTPUT

GIVE ME TWO PRINTED SCANS

CHINA-99

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

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	CTD 419		9	1600	NL	NL	FB	35	2800	55
	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
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	W09579		9	1600		SL	FB	35	2800	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNODE #8600150-01			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

NEED 'W' TAPE

ESTIMATED
EXECUTION
TIME

731 USE ONLY

CB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
86001401	06/25/86	14:05		C	

DATE

USER NAME HALMINSKI	PHONE # 634 - 7441	ORG/TASK #	DATE SUBMITTED 7/11/86	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

F022

**COPY VAR BLK SIZE TAPE TO MAX SIZE OF 455
SCAN OUTPUT.**

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT <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	CTD 19		9	1600		NL	FB	35	VAR 455-1855	55
	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
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	A00241		9	1600		NL	FB	35	455	55
	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
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
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31 USE ONLY					
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED	
7/18/86			C	MTA - input 1 mount MTA1 - output 1 mount	

Also, did a print of input and output
to compare data.

1 - 1855 - 53

1435 - 41

1015 - 29

840 - 24

1015 - 29

875 - 25

665 - 19

665 - 19

700 - 20

10 - 770 - 22

770 - 22

1260 - 36

1470 - 42

1680 - 48

1645 - 47

1540 - 44

1480 - 40

1015 - 29

20 - 560 - 16
490 - 14

455 - 13

665 - 19

770 - 22

840 - 24

1015 - 29

1650 - 30

1155 - 33

1260 - 36

1365 - 39

30 - 1400 - 40

1435 - 41

1575 - 45

1750 - 50

1715 - 49

1645 - 47

1435 - 41

1435 - 41

1400 - 40

1295 - 37

40 - 1155 - 33

980 - 28

840 - 24

770 - 22

735 - 21

665 - 19

595 - 17

1015 - 29

1400 - 40

1505 - 43

50 - 1435 - 41

1505 - 43

1400 - 40

1435 - 41

1400 - 40

770 - 22

3500

3500

1400

2800

3500

3500

1600

198

5000

10

159

5565
700
6265

142.8

3535

3570

3605

3640

056/PG 2

NOTES AND CORRECTIONS

DATA RECORD 2	ALWAYS '4'	10
BUOY IDENTIFIER	XXXX - SEE RECORD '3'	11
SEQUENCE NUMBER	XXXX - SEE RECORD '3'	15
OBSERVED LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	19
OBSERVED LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	26
OBSERVATION DATE (GMT)	YYMMDD	34
OBSERVATION TIME (GMT)	XXXX (HOURS AND MINUTE)	40
SATELLITE PASS	ONE-CHARACTER CODE - USE CODE 0198	44
ATMOSPHERIC PRESSURE	XXXXXX (MILLIBARS TO HUNDREDTHS)	45
BLANKS		51

6/16 668.2
 6/27 666.2
 6/30 666.3
 1831.8
 261-568-98526
 392

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8600150	C022	769001	9999	7603	76SC	1983/11/15	TT7149	162686
8600150	F022	TT7149	9999	7603	76SC	1983/11/15	YS 1	162687

(2 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8600150	C022	769001	76SC	55	55	83/11/15	83/11/21
8600150	F022	TT7149	76SC	55	360	83/11/15	83/11/21

(2 rows affected)

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: National Oceanographic Data Ctr.
3300 Whitehaven St., 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 following CTD data set is forwarded to NODC for processing and archiving:

R/V Science 1 (China) Cr. IS-1 Nov. 15 - 21 83 55 sta.

These data were received from Dr. Bob Beardsley, Woods Hole Oceanographic Institution, and are part of his research activities in the East China Yellow Sea region. These data have been formatted to the NODC/WHOI CTD exchange format and are reported at 2 decibar intervals.

- a..Tape CTD 19 - 9tk, 1600bpi, ASCII, Rec=35, Blk=3500
- b..Sample tape dump of the 1st and last files.
- c..Data Documentation Form
- d..NAPIS record

8600150

F022 777149

C022 769001

cc: B. Beardsley

FORWARDED BY (Signature)

George Heimoldinger

RECEIVED BY (Signature)

Sid Halminski

TITLE

NODC N.E. Service Center Rep.

TITLE

Oceanographer

DATE FORWARDED

May 1, 86

DATE RECEIVED

5/6/86

NATIONAL OCEANOGRAPHIC DATA CENTER
2001 WISCONSIN AVE. N.W.
WASHINGTON, D.C. 20235

05/06/86

DR. ROBERT BEARDSLEY
WOODS HOLE OCEANOGRAPHIC INST.
WOODS HOLE, MA 02543

We would like to acknowledge with thanks receipt of your recent submission to the National Oceanographic Data Center (NODC). On 05/05/86, we received the following:

ONE TAPE OF CTD DATA FROM THE R/V SCIENCE (CHINA; 1983).

Your shipment has been given the following unique NODC identification number: 8600150. Please use this number in future correspondence regarding this submission.

During the next years, we will continue to archive and distribute our regular data accessions. In addition to our normal processing, I would like to call your attention to NODC's participation in the Tropical Ocean and Global Atmosphere (TOGA) program. TOGA, a major study of the interannual variability of the oceans and atmosphere, is being conducted by the United States in cooperation with many countries of the world. The goal of TOGA is to increase our understanding of climate, and ultimately of climate prediction.

The NODC is aiding this important long-term experiment (1985-1995) by a concentrated effort to collect and archive subsurface temperature data from the tropics (20 degrees N to 20 degrees S). In turn, the NODC will make these data available to the TOGA scientific community.

Since you are a contributor to NODC, I would like to take this opportunity to solicit your support for this project. If you hold tropical subsurface temperature data, please send them to NODC in a timely manner. We hope to receive as much data as possible within a few months after observation. We will be pleased to help you with data processing, if appropriate.

Thank you again for your continued support.

Sincerely,

Gregory W. Withee
Director