

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 20238

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

TT4160 - TT4170

(REF 319485 - 319494)

(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>NOAA/NOS N/OMA 131 ESTUARINE AND OCEAN PHYSICS BRANCH CIRCULATION SECTION 6001 EXECUTIVE BLVD. ROCKVILLE, MD. 20852</i>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>OPR-D801-FE-82 CHESAPEAKE BAY CIRCULATORY SURVEY</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
4. PLATFORM NAME(S) <i>NOAA SHIP FERREL</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>CURRENT-STO NRS, MEANINGS</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>USA. USA</i>	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR <i>1/01/82 04/04/83</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 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>N/OMA 131 CHIEF, CIRCULATION SECTION 301-443-8501</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
<p>CURRENT DATA</p> <p>SPEED</p> <p>DIRECTION</p> <p>TEMPERATURE</p> <p>CONDUCTIVITY</p> <p>PRESSURE</p>	<p>CM/SEC</p> <p>DEGREES TRUE</p> <p>DEGREES CENTIGRADE</p> <p>M M HO/CM</p> <p>Kg/CM²</p>	GRUNDY CURRENT		<p>TEMP, COND, PRESS, SPEED AND DIRECTION WERE CONVERTED FROM INTERNAL MACHINE UNITS TO ENGINEERING UNITS USING STD. FORMULAS. DATA ARE ALL SAMPLED AT 10 MINUTE INTERVALS.</p>
<p>METEOROLOGICAL DATA</p> <p>WIND DIRECTION</p> <p>WIND SPEED</p> <p>PRESSURE</p> <p>TEMPERATURE</p>	<p>DEGREES TRUE</p> <p>METERS/SECOND</p> <p>MILLIBARS</p> <p>DEGREES CENTIGRADE</p>	AANDERAA		<p>WIND DIRECTION, SPEED, PRESSURE, TEMPERATURE (SAME AS ABOVE)</p>
<p>CTD DATA</p> <p>CONDUCTIVITY</p> <p>TEMPERATURE</p> <p>DEPTH</p> <p>SALINITY</p> <p>SIGMA-T</p>	<p>M M HO/CM</p> <p>DEGREES CENTIGRADE</p> <p>METERS</p> <p>PPT</p> <p>GM/CM³</p>			<p>SALINITY, DEPTH, SIGMA-T DERIVED FROM CONDUCTIVITY, PRESSURE AND SALINITY, TEMPERATURE AND PRESSURE RESPECTIVELY</p>

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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

CURRENT DATA
NODC FILE TYPE 005

MET DATA
NODC FILE TYPE 091

CTD DATA
NODC FILE TYPE 022

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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><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 checked="" type="checkbox"/> 1/2 INCH</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" 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><i>CURRENT</i> <i>CHEA2 - 197 FILES</i> <i>CHEA2 - 117 FILES</i></p> <p><i>MET</i> <i>METB2B - 4 FILES</i></p> <p><i>CTD</i> <i>CTD C82 - 376 FILES</i></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" 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><i>4500 CHARACTERS = 2250 BYTES</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>16 BITS/BYTE</i></p>

NOAA FORM 61-29 (12-71)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		REFERENCE NO.	
8500006 TT1981 FO22 Original 15813 records LETTER TRANSMITTING DATA		DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):			
TO:		<input type="checkbox"/> ORDINARY MAIL		<input type="checkbox"/> AIR MAIL	
Edward L. Ridley NODC Room 428 Page 1		<input type="checkbox"/> REGISTERED MAIL		<input type="checkbox"/> EXPRESS	
L		<input type="checkbox"/> GBL (Give number) _____		DATE FORWARDED	
				October 15, 1984	
				NUMBER OF PACKAGES	
				1 box	

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

2 - 9 Track Tapes: CHESA1 - 197 Files
 CHESA2 - 117 Files Chesapeake Bay 1982, Current Data

2 Associated Listings

CHNODC
 CNODC1

1 - 9 Track Tape: CTDCB2 - 376 Files

Chesapeake Bay, 1982 CTD Data - FO22

C Conductivity
 T Temperature
 D Depth

1 Associated Listing

CCCTDN

1 - 9 Track Tape: MET82B - 4 Files

Chesapeake Bay, 1982 Meteorological Data

1 Associated Listing

1 Envelope containing Meteorological Deck Logs

84NODC 287

FROM: (Signature) David Browne		RECEIVED THE ABOVE (Name, Division, Date)	
Return receipted copy to:		October 31, 1984	
David Browne N/OMA1312 NOAA, NOS WSC-1, Rm. 419 Rockville, Maryland 20852		Lamar Bennett Lamar Bennett Technician, E/OC13 Data Acquisition and Management Branch	

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK #	DATE SUBMITTED 11/9/84	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

CTD RUN SCAN PRINT 200 RECORDS

84 NADC 287 - 03

INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE 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	CTDCB2		9	1600		NL	FB	1120	120	338
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII 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	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
	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

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
04110905	11/9/84	2:40	2:50	C	MTI-1 mount

COMMENTS

Completed by E. G. Mason

ADP FACILITIES REQUEST FORM

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK #	DATE SUBMITTED 7/25/85	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

F022/0022

MAKE SL COPY. RUN SCAN AND PRINT

3 PAGES ON OUTPUT

PLEASE RUN SCAN AND PRINT TWICE

84 NODC 287-03

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	CTDCB2		9	1600	ODD	NL	FB	120	120	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> 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	WD05056		9	1600	ODD	SL	FB	120	3600	3
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNODC 84 NOD 287-03			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

731 USE ONLY

OS #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
7/25/85	7/25/85			a	MTA0 - MTA1 - 2 mounts

Completed by E. A. Mason

8500006

HAUSEN REF. #

319485

MULDARS TRACK #

TT4161

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT4161)

RECORD ALL ERRORS FOUND

CONSEC(S).

11

ERRORS FOUND

Delete levels at 29.3 and 50.9 meters

editing done
on all without
rubber bands

NANSEN REF. #

319486

MULDARS TRACK #

TT4162

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT4162)

RECORD ALL ERRORS FOUND

CONSEC(S).

ERRORS FOUND

16	✓ Delete depth levels at 44.9 & 50.1 m
17	✓ Delete depth levels at 10.9, 17.3, 18, 44.9 & 50.1 m
18	✓ Delete depth level at 15.6
71	✓ Delete depth levels at 8.6 & 50.4

Quality Indicators were applied to ¹¹ ~~10~~ stations

HANSEN REF. #

319487

MULDARS TRACK #

TT 4163

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT 4163)

RECORD ALL ERRORS FOUND

CONSEC(S).

6

ERRORS FOUND

✓
Delete level at 26.8m.

Quality Indicators were applied to 6 stations

HANSEN REF. #

319488

MULDARS TRACK #

TT 4164

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT 4164)

RECORD ALL ERRORS FOUND

CONSEC(S).

1
2

ERRORS FOUND

Delete depth level at 16.3 m.
Delete depth levels at 36.1 & 88 m.

Salinity Quality Indicator was applied to 2 stations

HAUSEN REF. #

319489

MULDARS TRACK #

TT4165

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT4165)

RECORD ALL ERRORS FOUND

CONSEC(S).

4.
32
34
35

ERRORS FOUND

↓ Delete level at 26.2 meters
↓ Delete level at 28.6 meters
↓ Delete levels at 12.5 & 81.4 meters
↓ Delete levels at 57.5 & 62.1 meters

A salinity quality indicator was applied to one station

HANSEN REF. #

319490

MULDARS TRACK #

TT 4166

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT 4166)

RECORD ALL ERRORS FOUND

CONSEC(S).

26

32

ERRORS FOUND

✓ Delete Depth to Bottom ^{in master}

✓ Delete station

HANSEN REF. #

319491

MULDARS TRACK #

TT4167

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT4167)

RECORD ALL ERRORS FOUND

CONSEC(S).

1

ERRORS FOUND

✓ Delete records at 10.3m
and 23.1m.

A Salinity Quality Indicator was applied to one station

HANSEN REF. #

319492

MULDARS TRACK #

TT4168

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT4168)

RECORD ALL ERRORS FOUND

CONSEC(S).

ERRORS FOUND

None:

HANSEN REF. #

319493

MULDARS TRACK #

TT 4169

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TT 4169)

RECORD ALL ERRORS FOUND

CONSEC(S).

3.

8

ERRORS FOUND

✓ Delete last depth level at 43.7m
✓ Delete station

Salinity Quality Indicators were applied to 2 stations

NANSEN REF. #

319494

MULDARS TRACK #

TT 4170

MONITOR: CONTACT

Gerald W. Danner

LOCATION OF F022 SOURCE

Archives (TT 4170)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

No

NOTE :

NUMBER OF TRACKS HAVE BEEN CHANGED
FROM ONE TO TEN, ALSO, BLOCKSIZE CHANGED
FROM 120 TO 3600

INSERT STATION (LAST NUMBER) FOR EACH RECORD
INSERT YR. (82) WHERE ASTERIK (*) IS IN RECORD 2
INSERT TIME IN RECORD 2
DELETE ZERO'S FOR PRESS, TEMP, AND WEATHER
PARAMETERS

Siel
7/25/85

Error Correction Documentation Form

84 NODC 287-03

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 850006

- 1) File Type: F022/C022 CTD
- 2) Project Ident.: CHESAPEAKE BAY CIR SURVEY NOS
- 3) Track Nos.: TT 4160 - TT 4170
(REF 319485 - 319494)

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

ACCESSION/TRACK # **8500006**
TT 4161 - TT 4170
(REF 319485 - 319494)

<u>Step</u>	<u>Completion Date/Init.</u>		<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECOR</u>
ORIGINATOR TAPE	10/29/84	U	CTDCB2	1	120	120	15813
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.	7/25/85	H	W05056	3	3000	120	15813
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

TT4161 - TT4170

SESSION/TRACK NO.: 8500006

(REF 319485 - 319494)

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
INITIATOR	CTDCB2	NL	120	120	FB	EBCDIC	15813
DUPLICATE	W05056	SL	120	3600	FB	ASC II DSN DNO DC 84 NOD 287-03	15,813
FORMATTED							
FIRST USER							
FINAL USER							
SK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

LETTER TRANSMITTING DATA

TO:

Edward L. Ridley
NODC
Room 428
Page 1

DATA AS LISTED BELOW WERE FORWARDED TO YOU
BY (Check):☐ ORDINARY MAIL☐ AIR MAIL☐ REGISTERED MAIL☐ EXPRESS☐ CBL (Give number) _____

DATE FORWARDED

October 15, 1984

NUMBER OF PACKAGES

1 box

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

2 - 9 Track Tapes: CHESA1 - 197 Files
CHESA2 - 117 Files.

Chesapeake Bay 1982, Current Data

2 Associated Listings

CHNODC
CNODC1

1 - 9 Track Tape: CTDCB2 376 Files

Chesapeake Bay, 1982 CTD Data

1 Associated Listing

CCCTDN

1 - 9 Track Tape: MET82B - 4 Files

Chesapeake Bay, 1982 Meteorological
Data

1 Associated Listing

1 Envelope containing Meteorological Deck Logs

FROM: (Signature)

*David Browne*RECEIVED THE ABOVE
(Name, Division, Date)

October 31, 1984

Return receipted copy to:

David Browne
N/OMA1312
NOAA, NOS
WSC-1, Rm. 419
Rockville, Maryland 20852

Lamar Bennett
Lamar Bennett
Technician, E/OC13
Data Acquisition and
Management Branch

84NODC287

DATE:

84NODC 287-03

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession 18500006

1) File Type: CTD F022/C022

2) Project Ident.: _____

3) Track Nos.: TT 1981 / REF 319427

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. Processor Name: _____

TT1981/REF 319427

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	10/29/84	U	CTDCB2	1	120	120	
QUAD/SCAN TAPE							
ASSIGNED FOR PROCESS.	4/25/85	U	W05013	1	120	120	
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA-SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

SESSION/TRACK NO.: 8500006

TT1981 / REF # 319427

TYPE OF FILE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	CTD<B2	NL	120	120	FB		
DUPLICATE	W45413	NL	120	120	FB		
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

LETTER TRANSMITTING DATA

TO:

Edward L. Ridley
NODC
Room 428
Page 1DATA AS LISTED BELOW WERE FORWARDED TO YOU
BY (Check):☐ ORDINARY MAIL☐ AIR MAIL☐ REGISTERED MAIL☐ EXPRESS☐ GBL (Give number) _____

DATE FORWARDED

October 15, 1984

NUMBER OF PACKAGES

1 box

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

2 - 9 Track Tapes: CHESA1 - 197 Files
CHESA2 - 117 Files

Chesapeake Bay 1982, Current Data

2 Associated Listings

CHNODC
CNODC1

1 - 9 Track Tape: CTDCB2 - 376 Files

Chesapeake Bay, 1982 CTD Data

1 Associated Listing

CCCTDN

1 - 9 Track Tape: MET82B - 4 Files

Chesapeake Bay, 1982 Meteorological
Data

1 Associated Listing

1 Envelope containing Meteorological Deck Logs

FROM: (Signature)

David Browne

RECEIVED THE ABOVE
(Name, Division, Date)

October 31, 1984

Return receipted copy to:

David Browne
N/OMA1312
NOAA, NOS
WSC-1, Rm. 419
Rockville, Maryland 20852Lamar Bennett
Lamar Bennett
Technician, E/OC13
Data Acquisition and
Management Branch

84NODC 287

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK #	DATE SUBMITTED 1/16/85	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

**22 MAKE COPY, RUN SCAN AND PRINT
FOUR PAGES OF RECORDS**

84NODC 287-03

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 FILE
INPUT	CTDCB2		9	1600		NL	FB	120	120	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> 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 FILE
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	W05013		9	1600		NL	FB	120	120	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> 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 <u>EBCDIC</u> BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

NEED "W" TAPE

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
85011705	1/17/85	12:40	1:11	C	MTA0-MTA1-2 mounts

COMMENTS

Completed by E. G. Mason

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK #	DATE SUBMITTED 11/9/84	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED
OTD RUN SCAN PRINT 200 RECORDS

84 NODC 287 - 03

INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE 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	CTDCB2		9	1600		NL	FB	1120	120	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII 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	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
	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
----------------------	--------------------------------

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
8410905	11/9/84	2:40	2:50	C	MTI-1 mount

COMMENTS
Completed by E. G. Mason

84NODC 287-03

ACCESSION
NUMBER

8500006

DATA DOCUMENTATION FORM

TT 1981
REF # 319427NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM 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 <i>NOAA/NOS N/OMA 131 ESTUARINE AND OCEAN PHYSICS BRANCH CIRCULATION SECTION 6001 EXECUTIVE BLVD. ROCKVILLE MD. 20852</i>				3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>OPR-D801-FE-82 CHESAPEAKE BAY CIRCULATORY SURVEY</i>					
4. PLATFORM NAME(S) <i>NOAA SHIP FERREL</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>CURRENT-STD MRS. MEANINGS</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>USA. USA</i>	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR <i>1/01/82 04/04/83</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 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>N/OMA 131 CHIEF, CIRCULATION SECTION 301-443-8501</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
<u>CURRENT DATA</u> SPEED DIRECTION TEMPERATURE CONDUCTIVITY PRESSURE	CM/SEC DEGREES TRUE DEGREES CENTIGRADE MM HO/CM KG/CM ²	GRUNDY CURRENT		TEMP, COND, PRESS, SPEED AND DIRECTION WERE CONVERTED FROM INTERNAL MACHINE UNITS TO ENGINEERING UNITS USING STD. FORMULAS. DATA ARE ALL SAMPLED AT 10 MINUTE INTERVALS.
<u>METEOROLOGICAL DATA</u> WIND DIRECTION WIND SPEED PRESSURE TEMPERATURE	DEGREES TRUE METERS/SECOND MILLIBARS DEGREES CENTIGRADE	AANDERAA		WIND DIRECTION, SPEED, PRESSURE, TEMPERATURE (SAME AS ABOVE)
<u>CTD DATA</u> CONDUCTIVITY TEMPERATURE DEPTH SALINITY SIGMA-T	MM HO/CM DEGREES CENTIGRADE METERS PPT GM/CM ³			SALINITY, DEPTH, SIGMA-T DERIVED FROM CONDUCTIVITY, PRESSURE AND SALINITY, TEMPERATURE AND PRESSURE RESPECTIVELY

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

- 1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).**
- 2. Describe briefly how your file is organized.**
- 3-13. Self-explanatory.**
- 14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.**
- 15. Enter starting position of the field.**
- 16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.**
- 17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").**
- 18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.**

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**

<p><i>CURRENT DATA</i> <i>NODC FILE TYPE 005</i></p> <p><i>MET DATA</i> <i>NODC FILE TYPE 091</i></p> <p><i>CTD DATA</i> <i>NODC FILE TYPE 022</i></p>

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

--

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input checked="" type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>7. PARITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input checked="" type="checkbox"/> EVEN</td> </tr> </table> <p>8. DENSITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<input type="checkbox"/> ODD	<input checked="" type="checkbox"/> EVEN	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 3/4 INCH</td> </tr> <tr> <td><input checked="" type="checkbox"/> 1/2 INCH</td> </tr> </table> <p>10. END OF FILE MARK</p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>CURRENT</i> <i>CHEA1 - 197 FILES</i> <i>CHEA2 - 117 FILES</i></p> <p><i>MET</i> <i>METB23 - 4 FILES</i></p> <p><i>CTD</i> <i>CTDC82 - 376 FILES</i></p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><i>4500 CHARACTERS = 2250 BYTES</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>16 BITS/BYTE</i></p>	<input type="checkbox"/> 3/4 INCH	<input checked="" type="checkbox"/> 1/2 INCH	<input checked="" type="checkbox"/> OCTAL 17	<input type="checkbox"/> _____
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY																							
<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC																							
<input type="checkbox"/> _____																								
<input type="checkbox"/> SEVEN																								
<input checked="" type="checkbox"/> NINE																								
<input type="checkbox"/> _____																								
<input type="checkbox"/> ODD																								
<input checked="" type="checkbox"/> EVEN																								
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI																							
<input type="checkbox"/> 556 BPI																								
<input type="checkbox"/> 800 BPI																								
<input type="checkbox"/> _____																								
<input type="checkbox"/> 3/4 INCH																								
<input checked="" type="checkbox"/> 1/2 INCH																								
<input checked="" type="checkbox"/> OCTAL 17																								
<input type="checkbox"/> _____																								

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8500006	F022	TT4161	9999	31J4	318L	1982/04/13	D801-FE-	151082
8500006	C022	319485	9999	31J4	318L	1982/04/13	TT4161	151083
8500006	F022	TT4162	9999	31J4	318L	1982/04/27	D801-FE-	151084
8500006	C022	319486	9999	31J4	318L	1982/04/27	TT4162	151085
8500006	F022	TT4163	9999	31J4	318L	1982/06/03	D801-FE-	151086
8500006	C022	319487	9999	31J4	318L	1982/06/03	TT4163	151087
8500006	F022	TT4164	9999	31J4	318L	1982/06/16	D801-FE-	151088
8500006	C022	319488	9999	31J4	318L	1982/06/16	TT4164	151089
8500006	F022	TT4165	9999	31J4	318L	1982/07/07	D081-FE-	151090
8500006	C022	319489	9999	31J4	318L	1982/07/07	TT4165	151091
8500006	F022	TT4166	9999	31J4	318L	1982/07/21	D801-FE-	151092
8500006	C022	319490	9999	31J4	318L	1982/07/21	TT4166	151093
8500006	F022	TT4167	9999	31J4	318L	1982/08/09	D801-FE-	151094
8500006	C022	319491	9999	31J4	318L	1982/08/09	TT4167	151095
8500006	F022	TT4168	9999	31J4	318L	1982/08/24	D801-FE-	151096
8500006	C022	319492	9999	31J4	318L	1982/08/24	TT4168	151097
8500006	F022	TT4169	9999	31J4	318L	1982/10/13	D801-FE-	151098
8500006	C022	319493	9999	31J4	318L	1982/10/13	TT4169	151099
8500006	F022	TT4170	9999	31J4	318L	1982/11/01	D801-FE-	151100
8500006	C022	319494	9999	31J4	318L	1982/11/01	TT4170	151101

(20 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
8500006	F022	TT4161	318L	42	1658	82/04/13	82/04/15
8500006	C022	319485	318L	42	42	82/04/13	82/04/15
8500006	F022	TT4162	318L	81	2889	82/04/27	82/05/24
8500006	C022	319486	318L	81	81	82/04/27	82/05/24
8500006	F022	TT4163	318L	39	1442	82/06/03	82/06/04
8500006	C022	319487	318L	39	39	82/06/03	82/06/04
8500006	F022	TT4164	318L	30	1290	82/06/16	82/06/17
8500006	C022	319488	318L	30	30	82/06/16	82/06/17
8500006	F022	TT4165	318L	39	1362	82/07/07	82/07/08
8500006	C022	319489	318L	39	38	82/07/07	82/07/08
8500006	F022	TT4166	318L	39	1365	82/07/21	82/07/22
8500006	C022	319490	318L	39	38	82/07/21	82/07/22
8500006	F022	TT4167	318L	31	705	82/08/09	82/08/11
8500006	C022	319491	318L	31	31	82/08/09	82/08/11
8500006	F022	TT4168	318L	1	32	82/08/24	82/08/24
8500006	C022	319492	318L	1	1	82/08/24	82/08/24
8500006	F022	TT4169	318L	48	2866	82/10/13	82/10/20
8500006	C022	319493	318L	48	46	82/10/13	82/10/20
8500006	F022	TT4170	318L	28	1393	82/11/01	82/11/02
8500006	C022	319494	318L	28	28	82/11/01	82/11/02

(20 rows affected)