

DATA DOCUMENTATION FORM

TR 7910

NOAA FORM 24-13  
-77)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235

FORM 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

National Ocean Survey  
Office of Oceanography  
Pollution Monitoring Group  
6001 Executive Blvd  
Rockville, Md. 20852

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Water Column Monitoring  
Northeast Monitoring Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

Nemp 81-08  
XWCC-3

4. PLATFORM NAME(S)

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

NOAA Ship Albatross IV

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
		JUL 31 - AUG 7 '81	

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR \_\_\_\_\_ MONTH \_\_\_\_\_

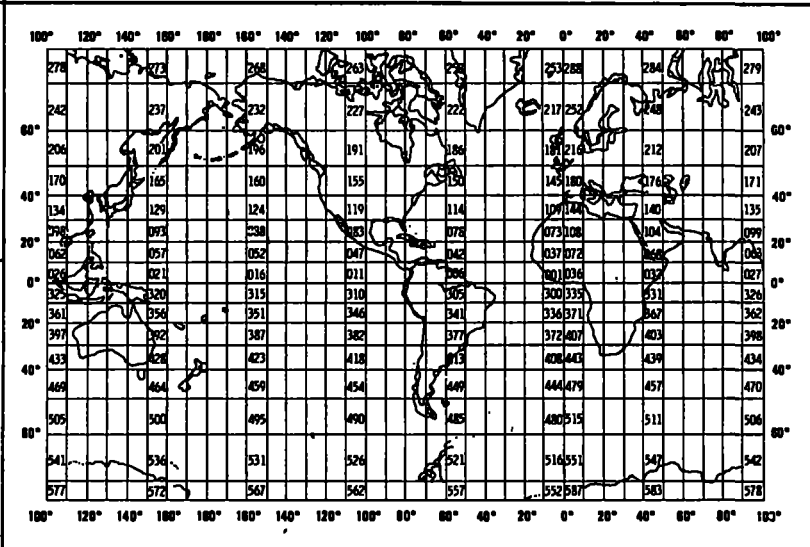
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)



10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Cathy Warsh  
443-8241

## B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

### EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	φ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

**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

### 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

## 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**

Water Physics and Chemistry  
NODC file type 004

**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 Bernie Gottholm  
 ADDRESS Wsc-1 Rm 419 OA/C211 Rockville, Md. 20852

**COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE**

<p><b>5. RECORDING MODE</b></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><b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b>    <input type="checkbox"/> 3/4 INCH  <input type="checkbox"/> 1/2 inch _____</p>
<p><b>6. NUMBER OF TRACKS (CHANNELS)</b></p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p><b>10. END OF FILE MARK</b></p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p><b>7. PARITY</b></p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p><b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b></p> <p>CSTD 4                  CSTD Data                  49 stations                  Cruise 3</p>
<p><b>8. DENSITY</b></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><b>12. PHYSICAL BLOCK LENGTH IN BYTES</b></p> <p align="center">84 (LRECL=80)</p>
	<p><b>13. LENGTH OF BYTES IN BITS</b></p> <p align="center">8</p>

# RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

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RECORD NAME \_\_\_\_\_

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# RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

### D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED  (✓)
		YOUR ORGANIZATION  (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS  (✓)	BEFORE OR AFTER USE  (✓)	BEFORE AND AFTER USE  (✓)	ONLY AFTER REPAIR  (✓)	ONLY WHEN NEW  (✓)	
InterOcean Model 513	July 1981	X				X			

DDF A: 4:20

DATE: 3/1/82  
TO: D7821  
FROM: D781

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200028

- 1) File Type: 004
- 2) Project Ident.: NEMP
- 3) Track Nos.: TR7910

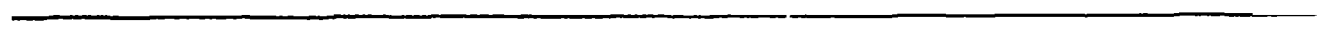
I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (check)</u>
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II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (check)</u>
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3. Processor Name: \_\_\_\_\_



ACCESSION/TRACK NO.: 8200028/TR7910

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	CSTDD4	NL	80	FB	ASCII	1600 BPI	49
DUPLICATE	18894	NL	80	FB	ASCII	1600 BPI	49
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSH					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

Step	Completion Date/Init	Tape # or DSM	# of Files	BLKSIZE	LRECL	Stations RECORDS
ORIGINATOR TAPE # <i>copy #</i>	3/2/82 <i>State</i>	CSTD04	1	FB	80	49
QUADI/SCAN TAPE #	3/2/82 <i>State</i>	018894				
ASSIGNED FOR PROCESS.						
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"						

LETTER TRANSMITTING DATA

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

- ORDINARY MAIL
- AIR MAIL
- REGISTERED MAIL
- EXPRESS
- GBL (Give number) \_\_\_\_\_

TO:

[ Jim Ridlon ]  
 Oceanographic Services Branch  
 Page 1 Room 402  
 OA/D781

DATE FORWARDED

2/26/82

NUMBER OF PACKAGES

**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.

1 9-Track magnetic tape containing 49 stations of CSTD  
 data collected during the Northeast Monitoring Cruise  
 81-08 (August 1981)  
 1 Data Documentation Form  
 2 Computer printouts of the data

FROM: (Signature)

*Bernard W Gottholm*

RECEIVED THE ABOVE  
(Name, Division, Date)

Return receipted copy to:

[ Bernard Gottholm ]  
 OA/C211  
 6001 Executive Blvd.  
 Room 419  
 Rockville, Md. 20852

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8200028	F004	TR7910	0011	31J4	31A4	1981/08/01	NEMP81-0	316830

(1 row affected)



Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8200028	F004	TR7910	31A4	49	2318	81/08/01	81/08/07

(1 row affected)