

DDF'S B: 3:10

ORIGINAL  
TAPE SP0430

83NODC074

ACCESSION  
NUMBER

8300037

## DATA DOCUMENTATION FORM

318600

NOAA 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

C102

(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			
Skidaway Institute of Oceanography P. O. Box 13687 Savannah, Georgia 31416			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Bureau of Land Management South Atlantic Bight Project		PIERCE 001	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
G.W. PIERCE	Ship	U.S.A. U.S.A.	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S.A.	U.S.A. 09/03/80 09/14/80
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.	
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)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Dr. L.P. Atkinson (912) 356-2471			

# 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
Salinity	0/00	Rosette Niskin Bottle	Plessey Model 6230N Lab Salinometer	N/A
		Plessey Model 9400 CTD	N/A	Values averaged over 1 meter intervals; offset for bottle sample calibration applied
Temperature	°C	Reversing Thermometer on Rosette Niskin Bottle	N/A	N/A
		Plessey Model 9400 CTD	N/A	Offset for reversing thermometer calibration applied
O <sub>2</sub>	ml/l	Rosette Niskin Bottle	Winkler Titration	N/A
P0 <sub>4</sub>	μmole/liter (to hundredths)	Rosette Niskin Bottle	Glibert, P.M. and T.C. Loder. Automated Analysis of Nutrients in Seawater: A Manual of Techniques. WH01-77-47 Technical Report.	N/A
NO <sub>3</sub>	μmole/liter (to tenths)	Rosette Niskin Bottle		N/A
SiO <sub>3</sub>	μmole/liter (to tenths)	Rosette Niskin Bottle		N/A

# 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

Fixed Length Records - 80 chars.  
Fixed Length Blocks - 3200 chars.  
Unlabelled

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Above

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL  
☒ FORTRAN ☐ \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Bill Chandler (912) 356-2459

ADDRESS Skidaway Institute of Oceanography, P.O. Box 13687, Savannah, GA 31416

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 type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</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 type="checkbox"/> OCTAL 17</p> <p><input checked="" type="checkbox"/> Tape mark</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 KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>Unlabelled</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>3200 Bytes</p>	
<p>13. LENGTH OF BYTES IN BITS</p> <p>8 bit bytes</p>	

# RECORD FORMAT DESCRIPTION

RECORD NAME Master Record: Info About a Station

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (0-6, bits, bytes)	16. LENGTH		17. ATTRIBUTES Num=Numeric Alp=Alpha- betic	18. USE AND MEANING Not given if inherent in name
		NUMBER	UNITS bytes		
Country	1	2		Num	
Ship	3	2		Alp	
Latitude	5	2		Num	Degrees
	7	3		Num	Minutes (Divide by 10), (F3.1)
Longitude	10	3		Num	Degrees
	13	3		Num	Minutes (Divide by 10), (F3.1)
Date	19	2		Num	Year
	21	2		Num	Month
	23	2		Num	Day
Time GMT	25	3		Num	Hour (Divide by 10), (F3.1)
Ship's Cruise No.	28	3		Num	
Ship's Station No.	31	3		Num	
Depth to Bottom	34	4		Num	Meters
Max Sample	38	2		Num	Meters (Multiply by 100)
Wave Direction	46	2		Num	Degrees (Multiply by 10)
Sea State	48	1		Num	WMO Code 3700
Wind Direction	50	2		Num	Degrees (Multiply by 10)
Wind Speed	52	2		Num	Knots
Barometric Pres- sure	54	3		Num	Millibars
Air Temperature	57	3		Num	Degrees C (Divide by 10), (F3.1)
Weather	63	2		Alp	WMO Code 4501
Special Observations	68	1		Alp	C=CTD; X=XBT
Special Observations	69	1		Alp	U=Upcast
Consec. No.	76	1		Num	
CT	80	1		Num	Type of Record

# RECORD FORMAT DESCRIPTION

RECORD NAME Data Record: Depths and Samples

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES Num=Numeric Alp=Alpha- betic	18. USE AND MEANING
		NUMBER	UNITS bytes		
Depth (M)	28	5		Num	(Divide by 10), (F5.1)
Temp (°C)	33	4		Num	(Divide by 100), (F4.2)
Salinity (‰)	38	4		Num	(Divide by 100), (F4.2)
O <sub>2</sub> (ml/l)	51	3		Num	(Divide by 100), (F3.2)
PO <sub>4</sub> -P (μmole/l)	54	3		Num	(Divide by 100), (F3.2)
NO <sub>2</sub> -N (μmole/l)	63	3		Num	(Divide by 10), (F3.1)
SiO <sub>3</sub> -Si (μmole/l)	66	3		Num	(Divide by 10), (F3.1)
CT	80	1		Num	Type of record



## GENERAL REMARKS

(NODC Submitted Data)

PIERCE Cruise 001 (September, 1980)

1. All stations are in latitude north and longitude west.
2. Special Observations column 68 is used for:  
C=CTD; X=XBT
3. Special Observations column 69 is used for:  
U=upcast; blank=downcast
4. Silicate ( $\text{SiO}_3\text{-Si}$ ) is reported to 10ths of a unit (e.g., 10.0  $\mu\text{mole/l}$ )





ERROR CORRECTION DOCUMENTATION FORM

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8300037

- 1) File Type: C102
- 2) Project Ident.: MMS/ SOUTH ATLANTIC
- 3) Track Nos.: 318600

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: \_\_\_\_\_

TAPE ASSIGNMENT SHEET

ACCESSION NO.:

TRACK NO(s):

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	SP0430	NL	80	3200	FB	
Duplicate	010074	SL	80	3200	FB	*
Reformatted						
First User						
Final User						

\* LABEL = ~~83NODC070-01~~ DNOD\*83NODC070-01.

ACCESSION/TRACK # 8300037

318600

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	21 JAN 83	FJM	SP0430	1	3200	80	46,116
QUADI/SCAN TAPE	MAR 4, 1983	FJM	010074	1	✓	✓	✓
ASSIGNED FOR PROCESS.							
ODF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

DATA RCVD: 2-7-83  
ACKN: 2-7-83



January 21, 1983

Dr. Francis J. Mitchell  
Physical Scientist  
NOAA/NODC D781  
3300 Whitehaven Street, N.W.  
Washington, DC 20235

Dear Dr. Mitchell:

The enclosed magnetic tape SP0430 and data documentation forms are submitted in partial fulfillment of our Contract No. AA851-CT0-12 with MMS (formerly BLM).

Should you have any questions concerning this submission, please do not hesitate to contact us.

Sincerely,

Evans Waddell  
Program Manager

Enclosures

cc: W. Lang, MMS  
J. Petrino, MMS  
G. Merigold, SAI

83NODC070

**Science Applications, Inc.** 4900 Water's Edge Drive, Suite 255, Raleigh, N.C. 27606 (919) 851-8356

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