

DOF A:2:17

DATA DOCUMENTATION FORM

TR5762-TR5765

NOAA FORM 24-13 (4-77)

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

AOML/PHOL
15 RICKENBAKER CAUSEWAY
MIAMI, FLORIDA 33149

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

1. GULF OF MEXICO CIRCULATION
2. POLYMODE
3. WATER MASS MODIFICATION
4. NASA SATELLIT NIMBUS-7, CZCS

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

1. RE1176-TR5762
2. RE0177-TR5763
3. RE0277-TR5764
4. RE1777-TR5765

4. PLATFORM NAME(S) RESEARCHER	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) R/V SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
		R/V	NOAA	10/6/76 3/10/77 3/30/77 10/12/77	11/14/76 3/19/77 4/07/77 10/30/77

8. ARE DATA PROPRIETARY?

NO YES

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

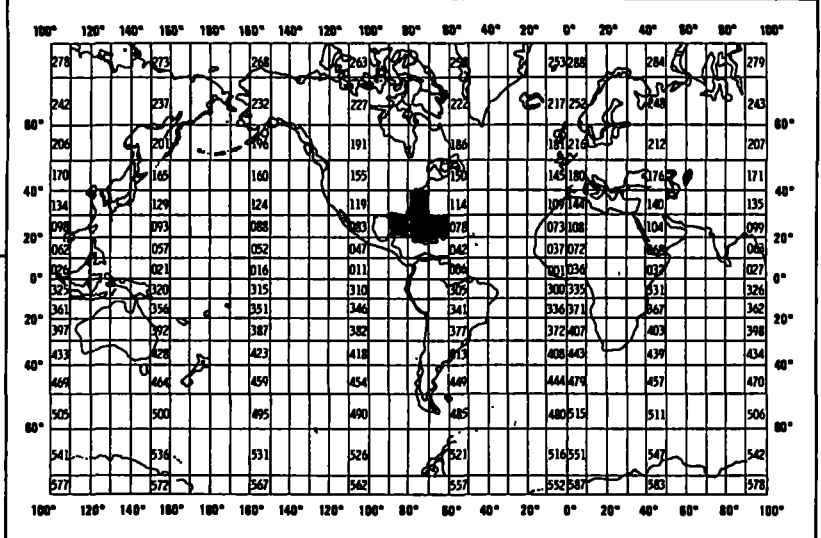
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

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)

1. D. BEARINGER
2. A. LEETMAA
A. LEETMAA
H. G. MAUL
305-361-3361 x326

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
DEPTH	METERS	STD PLESSEY 9040	METER WHEEL	Electronic Data corrected to separate recorded water sample data. Gate Filters and Gradient filters applied. Then data averaged over 3 successive values. Then interpolated every 2 meters.
TEMPERATURE	°C		REVERSING THERMOMETER	
SALINITY	‰		INDUCTIVE SALINOMETER	

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

3 TYPES OF RECORDS 1) HEADER CARD FOR CRUISE TEXT RECORD
 NODC 022 2) STATION OR MASTER RECORD (POSITION)
 FORMAT 3) DETAIL RECORD - STD DATA

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

EACH CSTD STATION WITH ONE TYPE 1 RECORD
 WITH ONE TYPE 2 RECORD
 WITH SEVERAL TYPE 3 RECORDS

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER JOHN B. HAZELWORTH 305-361-3361-326
 ADDRESS AOML/PHOL RICKENBACKER CAUSEWAY
 MIAMI, FLORIDA 33149

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input 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 checked="" type="checkbox"/> SEVEN</p> <p><input 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>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p>
	<p>13. LENGTH OF BYTES IN BITS</p>

RECORD FORMAT DESCRIPTION

RECORD NAME 022 NODC FORMAT

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		

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		

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		

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 (✓)	
PLESSEY STD 9040	NA	✓			BEFORE CRUISE				

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

4-17-78

**1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE**

TR 5762 - TR 5765

Four (4) record types, text record (1), master record (2), and detail record (3), and detail 2 record (4) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File sorted by station number (cast number), record type and sequence number to obtain proper sequence.

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 border="0"><tr><td><input type="checkbox"/> BCD</td><td><input type="checkbox"/> BINARY</td></tr><tr><td><input type="checkbox"/> ASCII</td><td><input type="checkbox"/> EBCDIC</td></tr><tr><td colspan="2"><input type="checkbox"/> _____</td></tr></table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0"><tr><td><input type="checkbox"/> SEVEN</td></tr><tr><td><input type="checkbox"/> NINE</td></tr><tr><td><input type="checkbox"/> _____</td></tr></table>	<input type="checkbox"/> SEVEN	<input type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK</p> <table border="0"><tr><td><input type="checkbox"/> OCTAL 17</td></tr><tr><td><input type="checkbox"/> _____</td></tr></table>	<input type="checkbox"/> OCTAL 17	<input type="checkbox"/> _____			
<input type="checkbox"/> SEVEN									
<input type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<input type="checkbox"/> OCTAL 17									
<input type="checkbox"/> _____									
<p>7. PARITY</p> <table border="0"><tr><td><input type="checkbox"/> ODD</td></tr><tr><td><input type="checkbox"/> EVEN</td></tr></table>	<input type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p>						
<input type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table border="0"><tr><td><input type="checkbox"/> 200 BPI</td><td><input 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><input type="checkbox"/> _____</td><td></td></tr></table>	<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>_____</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>
<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

RECORD FORMAT DESCRIPTION STD

2-20-76

NO NAME TEXT RECORD (OPTIONAL)

FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g. 012, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '022' <i>Unique # for cruise</i>
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	A1	Always '1'
Cast Number	11	5	Bytes	A5	Analogous to NODC Station Number
Text	16	100	Bytes	100A1	Additional pertinent information
Sequence Number	116	5	Bytes	A5	Ascending numeric, used for sorting <i>1, 2, 3, etc</i>
MASTER RECORD (REQUIRED THRU BYTES 59)					
File Type	1	3	Bytes	A3	Always '022' <i>Unique # for Cruise</i>
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	A1	Always '2'
Cast Number	11	5	Bytes	A5	Analogous to NODC Station Number
Latitude					
Degrees	16	2	Bytes	A2	
Minutes	18	2	Bytes	A2	
Hundredths of Minutes	20	2	Bytes	A2	
Hemisphere	22	1	Bytes	A1	'N' or 'S'
Longitude					
Degrees	23	3	Bytes	A3	
Minutes	26	2	Bytes	A2	
Hundredths of Minutes	28	2	Bytes	A2	
Hemisphere	30	1	Bytes	A1	'E' or 'W'
Cruise Identification	31	10	Bytes	10A1	Originator Cruise Identification
Number of Scans	41	5	Bytes	A5	Number of scans in a 'station' (There are five scans per record type '3')
Year	46	2	Bytes	A2	Last two digits of year 1-12 1-31 0-23 0-59 } GMT
Month	48	2	Bytes	A2	
Day	50	2	Bytes	A2	
Hour	52	2	Bytes	A2	
Minutes	54	2	Bytes	A2	
Depth Interval Indicator	56	1	Bytes	A1	'0' equals unequally spaced depths '1' equals equal spaced depths
Depth Interval	57	3	Bytes	A3	When above equals '1', the depth interval, to tenths of meters reported.
Barometric pressure	60	5	Bytes	A5	Millibars to tenths

RECORD FORMAT DESCRIPTION STD

2-20-76

RECORD NAME MASTER RECORD CONTINUED

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Wet bulb temperature	65	4	Bytes	A4	Degrees C to tenths
Dry bulb temperature	69	4	Bytes	A4	Degrees C to tenths
Wind direction	73	2	Bytes	A2	Tens of degrees WMO Codes 0855 and 0877
Wind speed	75	2	Bytes	A2	Whole knots
Weather Code	77	1	Bytes	A1	WMO 4501
Sea State Code	78	1	Bytes	A1	WMO 3700
Visibility Code	79	1	Bytes	A1	WMO 4300
Cloud Type Code	80	1	Bytes	A1	WMO 0500
Cloud Amount Code	81	1	Bytes	A1	WMO 2700
Instrument Information	82	20	Bytes	20A1 ²² ₄₂	Type and Serial Number
Location Name	102	6	Bytes	A6	OCSEP Internal Location Code
Depth to bottom	108	5	Bytes	A5	To whole meters
Maximum depth of cast	113	4	Bytes	A4 ⁵⁷	To whole meters
Blank	117	4	Bytes	4X	
DETAIL RECORD (REQUIRED)					
File Type	1	3	Bytes	A3	Always '022'
File Identification	4	6	Bytes	A6	<i>unique for cruise</i>
Record Type	10	1	Bytes	A1	Always '3'
Cast Number	11	5	Bytes	A5	Analogous to NODC Station Number
Depth	16	5	Bytes	A5	Meters to tenths
Temperature	21	5	Bytes	A5	Degrees C to thousandths
Salinity	26	5	Bytes	A5	P.P.T. to thousandths
Sigma-t	31	4	Bytes	A4	To hundredths
Scan Condition Code	35	1	Bytes	A1	Code describing how data arrived at
SCAN DATA	36	4(20)	Bytes	4(3 5 , A4, A1)	Repetition of above
Sequence Number	116	5	Bytes	A5	Ascending numeric, used for sorting
					1, 2, 3,
					Blanks are used when significance of field indicated exceeds what is measured.

RECORD FORMAT DESCRIPTION

9-16-76

RECORD NAME Detail 2 Record (STD)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., b/c, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	2	3	Bytes	A3	Always '022'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	A1	Always '4'
Cast Number	11	5	Bytes	A5	Analogous to NODC Station Number
Depth	16	5	Bytes	A5	Meters to tenths
Dissolved Oxygen	21	5	Bytes	A5	ml/l to thousandths
Transmissivity	26	5	Bytes	A5	% to thousandths
Blank	31	4	Bytes	AA	Scan Data
Scan Condition Code	35	1	Bytes	A1	
Scan Data	36	4(20)	Bytes	4(3I5,4X,A1)	Repetition of above
Sequence Number	116	5	Bytes	A5	Ascending numeric, used for sorting

Blanks are used when significance of field indicated exceeds what is measured

DATA SET ROUTE SHEET

ACCESSION/TRACK # 80-0168/5762-5

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	1	CAF P01036	4	120	120	
QUADI/SCAN TAPE #	4/25/80	CAF	1	4800	120	22867
DDF EVALUATION						
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	5/1/80	CAF				
FIRST USER TAPE #						22661
WORK DISK FILE	2/2/81	CAF CBS-F022 T 1226 ⁵⁷⁶²		UNB	120	22867
FINAL USER TAPE #						
FINAL MULCHEK	2/23/81	CAF CBS-F022 T5762				
EDITED DISK FILE						
DATA SET "FINALIZED"						

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

ACCESSION/TRACK NO.: *8p-d168/5762-5*

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	<i>P01036</i>	<i>NL</i>	<i>120</i>	<i>120</i>	<i>FB</i>	<i>7 TR</i>	<i>22867</i>
DUPLICATE	<i>13481</i>	<i>NL</i>	<i>120</i>	<i>4800</i>	<i>FB</i>	<i>9 TR</i>	<i>22867</i>
REFORMATTED							
FIRST USER	<i>CBS- F022T5762</i>	<i>SL</i>	<i>120</i>				<i>22867</i>
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	<i>CBS- F022T5762</i>	<i>SL</i>	<i>120</i>				<i>22661 22867</i>
EDITED DISK FILE							

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0168

1) File Type: Q22

2) Project Ident.: _____

3) Track Nos.: 5762-5

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. Change TR 5673 and TR 5674 to TR 5763 and TR 5764 respectively.
2. Deleted all salinities above 37.5 ‰ and also the relevant σ_t .
3. Deleted ~~***~~ depths and corresponding temp., sal., etc.

III. Processor Name:

Charles B. Selbit

Gulf of Mexico Circ. Run 10-11/76

10: JCM
5/14/80
0845

STATION	HIGHEST SALIN	
1	36.9	
2	37.0	
3	36.7	
4	36.5	160 M
5	38.97	246 M
6	38.33	44 M
7	38.4	60 M
8	38.6	50 M
9	38.3	2480
10	39.16	2510
11	39.20	2470
	36.7	
12	36.79	
13	36.9	
14	36.52	
15	36.9	
16	36.52	
17	36.54	
18	36.54	
19	36.6	
20		
21		
22		
23		
24		

RANGE
0 - 270
#5 - 24 - 5 dm
#6 - 30 - 4 dm
#7 - 26 - 6 dm
#8 - 4 - 12 dm
#9 - 18 - 9 dm
#10 - 4 - 21 dm
#11 - 30 - 270 m

Contact at NODC

FTS-634-7214

Robert Stone
D7513 NODC Page Bldg. 1
Washington, DC 20235



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA AND INFORMATION SERVICE
Washington, D.C. 20235
NATIONAL OCEANOGRAPHIC DATA CENTER

January 7, 1981

D7513/RNS

Mr. D. Behringer
AOML/PHOL
15 Rickenbacker Causeway
Miami, FL 33149

Dear Mr. Behringer:

I am writing in reference to a cruise on the RESEARCHER on which you were the Senior Scientist during October/November 1976. Data from that cruise (RE1176) was submitted to this office on one of our multi-disciplinary data formats (File Type 022 - STD).

We have been able to process all of the data except for a series of salinity values that occur in the stations #5-11. Some of the values in these stations range as high as 39.252 ppt.

We would appreciate any efforts on your part to verify these values. We will continue to "hold" this dataset for processing until we hear from you.

Sincerely yours,

Robert N. Stone
Chief, Multidisciplinary
Data Section

cc:
John Sylvester (NODC-Miami, FL)

1/13/81

Call from John today 0810 -
Behringer called him to say salinities
in question were recorded on a "faulty"
instrument that could not be calibrated.
He suggests we just delete the bad points
(ell)



Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8000168	F022	TR5762	0095	311A	3175	1976/10/08	RE1176	312271
8000168	C022	319230	0095	311A	3175	1976/10/08	TR5762	312272
8000168	F022	TR5763	0095	311A	3175	1977/03/10	RE0177	312273
8000168	C022	319231	0095	311A	3175	1977/03/10	TR5763	312274
8000168	F022	TR5764	0095	311A	3175	1977/03/30	RE0277	312275
8000168	C022	319232	0095	311A	3175	1977/03/30	TR5764	312276
8000168	F022	TR5765	0095	311A	3175	1977/10/12	RE1777	312277
8000168	C022	319233	0095	311A	3175	1977/10/12	TR5765	312278

(8 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8000168	F022	TR5762	3175	118	12543	76/10/08	76/11/14
8000168	C022	319230	3175	118	165	76/10/08	76/11/14
8000168	F022	TR5763	3175	18	1706	77/03/10	77/03/19
8000168	C022	319231	3175	18	36	77/03/10	77/03/19
8000168	F022	TR5764	3175	24	2159	77/03/30	77/04/13
8000168	C022	319232	3175	24	43	77/03/30	77/04/13
8000168	F022	TR5765	3175	50	2304	77/10/12	77/10/30
8000168	C022	319233	3175	50	64	77/10/12	77/10/30

(8 rows affected)