

PDF-B:1:17

B18248

ACCESSION
NUMBER

79-0270

RCVD: 8/20/79

DATA DOCUMENTATION FORM

TR4463-TR4466
4 TRIM, F005NOAA FORM 24-13
-771U.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

F1005 (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.

FILE ID = 790618(1) 790618(3) 790619(4) QUAD7 TAPES
790619(2) A. ORIGINATOR IDENTIFICATION 6791
3131
14332

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 Texas A & M University Environmental Eng Div College Station, TX 77843				2385	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR-Brine Disposal Analysis Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT NRST 012279 1/22/79-3/1/79 NRST 030179 3/1/79-4/5/79 NRST 012279 1/22/79-3/1/79 NRST 030179 3/1/79-4/5/79			
4. PLATFORM NAME(S) RST & RSB	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Oil Platform (top and bottom)	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 1/22/79 4/5/79	
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) Roy W. Hawn, Jr. Proj. Manager					

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
Current Speed Direction	cm/s degrees of arc	Endeco meter		

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

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

Mag Tape, Format 005

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File 1 NRST 01/22/79 - 3/1/79
 " 2 " 3/1/79 - 4/5/79
 " 3 NRSD 1/22/79 - 3/1/79
 " 4 " 3/1/79 - 4/5/79

See attached

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER J. Foreman

ADDRESS _____

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 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 type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><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>_____</p> <p>_____</p> <p>_____</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>_____</p>	
<p>13. LENGTH OF BYTES IN BITS</p> <p>_____</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.

RECORD FORMAT DESCRIPTION

9-5-78

MESA BIGHT FILE TYPE 005

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., 000, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>File Header Record</u>					
FILE TYPE	1	3	bytes	A3	"005" (constant value)
FILE DATE	4	6	bytes		Date of File Creation
YEAR	4	2	bytes	I2	Last two digits of year
MONTH	6	2	bytes	I2	Month "01" thru "12"
DAY	8	2	bytes	I2	Day "01" thru "31"
RECORD TYPE	10	1	bytes	A1	"1" for File Header
STATION	11	5	bytes	A5	Buoy Station Identifier
SEQUENCE	16	1	bytes	I1	File Header Number
TEXT	17	44	bytes	44A1	Optional Comments
<u>Station Header Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	bytes	3I2	Degrees, Minutes, Seconds
LATHEM	22	1	bytes	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	bytes	I3,2I2	Degrees, Minutes, Seconds
LONHEM	30	1	bytes	A1	"W" or "E" Hemisphere
SENSOR	31	4	bytes	I4	Depth in Meters to tenths
WATER	35	4	bytes	I4	Depth in Meters to tenths
SENSOR SERIAL	39	4	bytes	A4	
NUMBER	43	18	bytes	18x	
BLANK					
<u>Data Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "3"
DATE	16	6	bytes	3I2	Year, Month, Day; observed
TIME	22	4	bytes	I4	Time in Hours to hundredths
DIRECTION	26	3	bytes	I3	Whole degrees from true north
VELOCITY	29	4	bytes	I4	Current; whole cm/sec
TEMP	33	3	bytes	I3	Degrees Celsius to tenths
PRESSURE	36	4	bytes	I4	kg/cm ² to hundredths
CONDUCTIVITY	40	4	bytes	I4	Millimhos/cm to hundredths
Inclinometer angle	44	2	bytes	I2	Meter tilt off vertical. In whole degrees
Wind Direction	46	3	bytes	I3	True direction from which wind is blowing. In whole degrees
Wind Speed	49	4	bytes	I4	Cm/sec
Sea Direction	53	3	bytes	I3	True direction from which dominant waves are coming. In whole degrees
Sea Height	56	3	bytes	I3	Height of dominant waves. centimeters
Sea Period	59	2	bytes	I2	Period of dominant waves. Seconds

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0270 TR4463

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18248	N	60	60	F	FILE #1
QUAD DUPLICATE	6791	N	60	4800	FB	
REFORMATTED						
FIRST USER	6622	SL	60	4800	FB	DSN= TR4463
FINAL USER	3197	SL	60	4800	FB	DSN= TR4463

Data Set Route Sheet

TR4463

Accession # 79-0270

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	8/20/79	FJM	B18248 #4	60	60
2. QUAD Duplicate Tape #	10/9/79	FJM	6791 1	4800	60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check	7/3/80	SBK			
7. First User Tape #	7/8/80	SBK	6622 4	4800	60
8. Final User Tape #	7/8/80	SBK	3197 4	4800	60
9. Final Check	7/3/80	SBK			
10. NAPIS Inventory	7/3/80	SBK			
11. DIP Inventory					
12. Data Set 'Finalized'					

* ORIGINATOR'S TAPE CONTAINS FOUR
FILES - ONLY FILE #1 IS TR4463

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0270 TR4464

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18248	N	60	60	F	FILE #2
QUAD1 DUPLICATE	3131	N	60	4800	FB	
REFORMATTED						
FIRST USER	6622	SL	60	4800	FB	DSN = TR4463
FINAL USER	3197	SL	60	4800	FB	DSN = TR4463

Data Set Route Sheet

TR 4464

Accession # 79-0270

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	8/20/79	FJM	B18248	*4	60 60
2. QUASI Duplicate Tape #	10/9/79	FJM	3131	L	4800 60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check	7/3/80	SBK			
7. First User Tape #	7/8/80	SBK	6622	4	4800 60
8. Final User Tape #	7/8/80	SBK	3197	4	4800 60
9. Final Check	7/3/80	SBK			
10. NAPIS Inventory	7/3/80	SBK			
11. DIP Inventory					
12. Data Set 'Finalized'					

* THIS TRACK IS FILE #2,
ONLY, OF ORIGINATOR'S
 TAPE

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79.0270 TR4465

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18248	N	60	60	F	
QUADI DUPLICATE	14332	N	60	4800	FB	
REFORMATTED						
FIRST USER	6622	SL	60	4800	FB	DSU = TR 4463
FINAL USER	3197	SL	60	4800	FB	DSU = TR 4463

Data Set Route Sheet

TR 4465

Accession # 79-0270

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE, LRECL
1. Originator Tape #	8/20/79 FJM	B18248 *E4	60 60
2. QUAD Duplicate Tape #	10/9/79 FJM	B14332 1	4800 60
3. DDF Evaluation			
4. Quality Review			
5. Preliminary Data Sort			
6. Preliminary Check	7/3/80 SBR		
7. First User Tape #	7/8/80 SBR	6622 4	4800 60
8. Final User Tape #	7/8/80 SBR	3197 4	4800 60
9. Final Check	7/3/80 SBR		
10. NAPIS Inventory	7/3/80 SBR		
11. DIP Inventory			
12. Data Set 'Finalized'			

* FILE #3 IS TR4465

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

79-0270 TR4466

ACCESSION NO:

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18248	N	60	60	F	
QUADI DUPLICATE	2385	N	60	4800	FB	
REFORMATTED						
FIRST USER	6622	SL	60	4800	FB	DSU= TR4463
FINAL USER	3197	SL	60	4800	FB	DSU= TR4463

Data Set Route Sheet

TR 4466

Accession # 79-0270

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	8/20/79	FJM	B18248	4*	60 60
2. QUAD Duplicate Tape #	10/9/79	FJM	2385	1	4800 60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort	7/3/80	SBX			
6. Preliminary Check	7/3/80	SBX			
7. First User Tape #	7/8/80	SBX	6622	4	4800 60
8. Final User Tape #	7/8/80	SBX	3197	4	4800 60
9. Final Check	7/3/80	SBX			
10. NAPIS Inventory	7/3/80				
11. DIP Inventory					
12. Data Set 'Finalized'					

* FILE #4 IS TR 4466

Error Correction Documentation Form

DATE:

TO:

FROM:

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

79-0270

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL PGM
- 3) Track Nos.: 4463-4466

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

MISSING DATA
FILLED WITH '999'

REMOVED ✓

Changed station name
from NSRB & NRSB in
two codes (letters reversed)

✓ (SRK)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: James B. Davis

RCVD: 8/20/79

T318189

ACCESSION
NUMBER

79-0270

DATA DOCUMENTATION FORM

TR4468

NOAA FORM 24-13
-771U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20238FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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FT 005

FILE ID = 790901

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

~~James and Moore~~
Suite 700
7101 Wise Ave., Bethesda, Md 20814

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

STR - Brine Disposal Analysis
Program

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

WIATP 010778

4. PLATFORM NAME(S)

WIATP

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

Buoy

6. PLATFORM AND OPERATOR
NATIONALITY(IES)

USA

USA

7. DATES

FROM: MO/DAY/YR TO: MO/DAY/YR

1/7/78

4/3/78

8. ARE DATA PROPRIETARY?

☒ NO ☐ YESIF 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

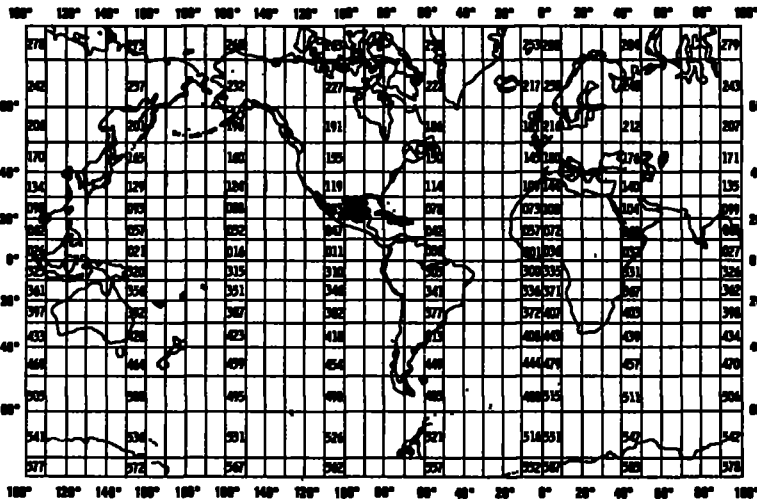
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(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)

George Weisburg
301-652-2215



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)

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		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
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Current Speed Direction	cm/s Degrees of Arc	Endeco meter		

B. SCIENTIFIC CONTENT.

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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

Format 005, mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J. Foreman 634-7324

ADDRESS _____

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 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 type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><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>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>	

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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.

FORMAT DESCRIPTION: Aanderaa Current Meter Eulerian (005)

Being
re-done.

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
<u>File Header Record</u>				
FILE TYPE	1	3	A3	"005"
FILE DATE	4	6		Date of File Creation
YEAR	4	2	I2	Last two digits of year
MONTH	6	2	I2	Month "01" thru "12"
DAY	8	2	I2	Day "01" thru "31"
RECORD TYPE	10	1	A1	"1" for File Header
STATION	11	5	A5	Buoy Station Identifier
SEQUENCE	16	1	I1	File Header Number
TEXT	17	29 44	29 A1 44	Optional Comments
<u>Station Header Record</u>				
IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	22	1	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	30	1	A1	"W" or "E" Hemisphere
SENSOR	31	4	I4	Depth in Meters
WATER Sensor Serial	35	4	I4	Depth in Meters
blank Number	39	24	24 A1	blank
Blank	43	18	18 X	
<u>Data Record</u>				
IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "3"
DATE	16	6	3I3	Year, Month, Day; observed
TIME	22	4	I4	Time in Hours to hundredths
DIRECTION	26	3	I3	Whole degrees from true north
VELOCITY	29	4	I4	Current; whole cm/sec
TEMP	33	3	I3	Degrees Celsius to tenths
PRESSURE	36	4	I4	Kg/m sec ² to hundredths
CONDUCTIVITY	40	4	I4	Millimhos to hundredths
blank	44	2	2X	blank
	16		16	
	60		60	

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0220 TR4468

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18189	N	60	60	F	
QUADI DUPLICATE	6701	N	60	4800	FB	
REFORMATTED						
FIRST USER	13953	SL	60	4800	FB	DSN = TR4468
FINAL USER	13130	SL	60	4800	FB	DSN = TR4468
		✓				

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0270

- 1) File Type: 005
2) Project Ident.: BRINE DISPOSAL PGM
3) Track Nos.: TR 4468

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
Illegal imbedded blanks in hour 8.01 need zeroing	<input checked="" type="checkbox"/>

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
--------------	-------------------------------------

III. Processor Name: Susan B. Kline

Data Set Route Sheet

Accession # 79-0270

TR 4468

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE, LRECL
1. Originator Tape #	8/20/79 FJM	B18189 1	60 60
2. ^{QUASI} Duplicate Tape #	10/9/79 FJM	6701 1	4800 60
3. DDF Evaluation			
4. Quality Review			
5. Preliminary Data Sort			
6. Preliminary Check	10/23/79		
7. First User Tape #	6/10/80 CLK	13953 1	4800 60
8. Final User Tape #	6/11/80 SBR	13130 1	4800 60
9. Final Check	6/9/80 CLK		
10. NAPIS Inventory	6/9/80 SBR		
11. DIP Inventory			
12. Data Set 'Finalized'			

005-67

288

#2 013929

ANSI —

382

372(C4219)

60/4800, DSN=F005

#1 000902-UNIVAC
001561 SDF-BACKUP
INDEX F005B.

TR 4036, 4039-4040, 4042, 4045, 4048, 4064, 4066
4117-4119, 4186-4187, 4331-4399, 4401-4416,
4428-4438, 4463-4468, 4532-4535, 4538-4539,
4563, 4797-4810, 4817-4935, 4975-5005

434396

accrual no: 79-0270
Prime Disposal Pgm.

E	REC	PUS	LENGTH NAME	RANGE TESTED LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S. DEV	COUNT	FP	FP-1	>-1
1	11	5	METER NUMBER					4			
1	16	1	SEQUENCE	NO RANGE CHECKING	1	4	2.50	1.11	4	4	0
2	11	5	METER NUMBER					1			
2	16	2	LAT DEG	0	89	28	28.00	.00	1	1	0
2	18	2	LAT MIN	0	59	46	46.00	.00	1	1	0
2	20	2	LAT SEC	0	59	57	57.00	.00	1	1	0
2	22	1	0500LAT HEM					1			
2	23	3	LON DEG	0	179	95	95.00	.00	1	1	0
2	26	2	LON MIN	0	59	18	18.00	.00	1	1	0
2	28	2	LON SEC	0	59	47	47.00	.00	1	1	0
2	30	1	0501LON HEM					1			
2	31	4	SENSOR DEPTH METERS TO .1	10	9999	2	2.00	.00	1	1	0
2	35	4	WATER DEPTH METERS TO .1	100	9999	19	19.00	.00	1	1	0
2	39	4	SENSOR SERIAL NUMBER					1			
2	43	18						1			
3	11	5	METER NUMBER					1816			
3	16	2	YEAR	NO RANGE CHECKING	79	79	79.00	.00	1816	1816	0
3	18	2	MONTH	1	12	3	1.77	.48	1816	1816	0
3	20	2	DAY	1	31	31	17.25	9.12	1816	1816	0
3	22	4	HOUR TO .01	0	2399	0	1172.13	692.81	1816	1816	0
3	26	3	DIRECTION-WHOLE DEG FROM I NRTH	0	359	2	215.73	62.06	1815	1815	0
3	29	4	CURRENT VELOCITY WHOLE CM/SEC	0	5000	0	30.41	20.38	1814	1814	0
3	33	3	TEMP DEG C TO .1	-20	310	NO VALUES FOUND FOR THIS PARAMETER					
3	36	4	PRESSURE KG/SQ CM TO .01	10	9999	NO VALUES FOUND FOR THIS PARAMETER					
3	40	4	CONDUCTIVITY MMHS/CM TO .01	1500	5500	NO VALUES FOUND FOR THIS PARAMETER					
3	44	2	TILTINGMETER TILT WHOLE DEG	0	18	NO VALUES FOUND FOR THIS PARAMETER					
3	46	2	LINE SPEED THIS LINE NUMBER HEM	0	250	NO VALUES FOUND FOR THIS PARAMETER					

+	11	3	METER NUMBER		NO VALUES FOUND FOR THIS PARAMETER
4	16	2	YEAR	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER
4	18	2	MONTH	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER
4	20	2	DAY	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER
4	22	4	HOUR TO .01	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER
4	26	3	CURRENT DIRECTION WHOLE DEG	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER
4	29	4	CURRENT VELOCITY WHOLE CM/SEC	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER
4	33	3	TEMP DEG C TO .1	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER
4	36	5	SALINITY PPT TO .001	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER
4	41	20			NO VALUES FOUND FOR THIS PARAMETER

JRDS READ : 1821

ROUND: 8/20/70

T318257

ACCESSION
NUMBER

49-0270

DATA DOCUMENTATION FORM

TR4467
F005

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.

FT005

FILE ID-080179

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 NODC NSTL Station, Miss 39529			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - Brine Disposal Analysis Prog		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT OPENUS4 030179	
4. PLATFORM NAME(S) OPENUS4	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 3/1/79 4/30/79
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) William L. Beach T 601-688-2806			

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
Current Speed Direction	cm/s degrees of arc	<div> <div></div> <div>AME</div> <div>VACM</div> </div>		
Water Temp	°C	YSI		
Salinity (reported as conductivity)	‰	Plessey 5520-1		

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

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

Format 005, mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

see attached

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

J. Foreman 634-7324

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 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 type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><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>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>	

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.

FORMAT DESCRIPTION: Aanderaa Current Meter Eulerian (005)

Being
re-done.

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
<u>File Header Record</u>				
FILE TYPE	1	3	A3	"005"
FILE DATE	4	6		Date of File Creation
YEAR	4	2	I2	Last two digits of year
MONTH	6	2	I2	Month "01" thru "12"
DAY	8	2	I2	Day "01" thru "31"
RECORD TYPE	10	1	A1	"1" for File Header
STATION	11	5	A5	Buoy Station Identifier
SEQUENCE	16	1	I1	File Header Number
TEXT	17	29 44	29 A1	Optional Comments
<u>Station Header Record</u>				
IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	22	1	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	30	1	A1	"W" or "E" Hemisphere
SENSOR	31	4	I4	Depth in Meters
WATER Serial	35	4	I4	Depth in Meters
blank Number	39	2 4	2X A4	blank
blank	43	18	18x	
<u>Data Record</u>				
IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "3" 4
DATE	16	6	3I3	Year, Month, Day; observed
TIME	22	4	I4	Time in Hours to hundredths
DIRECTION	26	3	I3	Whole degrees from true north
VELOCITY	29	4	I4	Current; whole cm/sec
TEMP	33	3	I3	Degrees Celsius to tenths
PRESSURE Salinity	36	4	I4	Kg/m sec ² to hundredths % To hundredths
CONDUCTIVITY	40	4	I4	Millimhos to hundredths
blank	44	2	2X	blank
	16		16	
	60		18	

Data Set Route Sheet

Accession # 79-0270TR4467

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	8/20/79	FJ14	B18257	1	60 60
2. QUAD Duplicate Tape #	10/11/79	FJ14	1979	1	4800 60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort	10/80	WJ			
6. Preliminary Check	10/80	WJ			
7. First User Tape #	—	* Disk			
8. Final User Tape #	—	* Disk			
9. Final Check	10/20/80	WJ			
10. NAPIS Inventory					
11. DIP Inventory					
12. Data Set 'Finalized'					

*DSN= D15 T13 * F005. TR4467

= 1st

DSN= DMNDE * MPD75. F005 TR4467 = final

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0270

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL PGM.
- 3) Track Nos.: 4467

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
MISSING DATA FILLED WITH '9999999'	REMOVED ✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
Sakinty - illegal blank col. 36. - (Below range) Enter a 3 in 36 for all obs.	

III. Processor Name:

Mary Lewis

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0270 TR4467/NO. of RECORDS=1424

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18257	N	60	60	F	
QUADRIPLICATE	1979	N	60	4800	FB	
REFORMATTED						
FIRST USER	DSN = DVS713 * F005. TR4467					
FINAL USER	DSN = DMNOE * MP075. F005 * 4467					

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0270 TR4467 / No. of RECORDS = 142

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18257	N	60	60	F	
QUADI DUPLICATE	1979	N	60	4800	FBI	
REFORMATTED						
FIRST USER	DSW = DIS 713 * F005. TR 4467					
FINAL USER	DSW = DMNOE * MPD 75. F005 TR 4467					

PCVD: 8/22/79

B18265

ACCESSION
NUMBER

19-0270

DOF B:1:17

DATA DOCUMENTATION FORM

TR4469
F024

DAA 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.

FT024

A. ORIGINATOR IDENTIFICATION

F.L.E. ID = 781207

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 LGL 103 Pleasant ST Bryan, TX 77801			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR-Brine Disposal Analysis Prog		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 010979	
4. PLATFORM NAME(S) Gus III	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 1/9/79 1/13/79
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) L.A. Reitzner 713-846-1776			

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	7or	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
Haul length	meters	G.O. Model 2030 digital flowmeter	counts x 0.026873	nearest unit
Volume filtered	cubic meters	based on haul length	haul length x 0.29209	
Tow duration	minutes-seconds	stop watch		
Depth	meters	Hydrolab System 8000	station depth read from instrument- depth of net calculated from wire angle and amount of wire let out	
Sample volume	milliliters	Yentsch plankton volume gauge	total sample	
Subsample size	percent	subsamples obtained utilizing Folsom sample splitter	all fish, eggs, and decapods removed from sample prior to splitting	
Plankton numbers	counts	stereo microscope	all fish, eggs, and decapods counted- remainder was subsampled	
Collecting Gear	04- Bongo 10- Neuston mesh size in μ m	standard MARMAP neuston net (0.5 x 1.0 m, 0.505 mm mesh) and bongo net (67 cm mouth, 0.333 and 0.505 mm mesh sizes)	towed behind ship, samples preserved in 7% buffered formalin in seawater - bongo tows - double oblique	

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

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

Format 024, mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

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 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 type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input 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>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input 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>13. LENGTH OF BYTES IN BITS</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.

FORMAT DESCRIPTION; Zooplankton (024)

Field Name	Position from - 1 measured in <u>Bytes</u>	Length in Bytes	Code	Use and Meaning
<u>File Header</u>				
File Type	1	3	A3	Always '024'
File Identifier	4	6	A6	
Record Type	10	1	I1	Always '1'
Vessel	11	11	A11	
Cruise	22	6	A6	
Cruise Dates	28	17	I2, 5(A1, I2)	XX/XX/XX-XX/XX/XX Beginning year, month, day; ending year, month, day
Area/Project	45	19	A19	Left justified
Investigator/ Institution	64	17	A17	Left justified

FORMAT DESCRIPTION: ZOOPLANKTON (024)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Location</u>				
FILE TYPE	1	3	A3	Always "024"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "2"
STATION NUMBER	11	5	A5	
LATITUDE,				
DEGREES	16	2	I2	
MINUTES	18	2	I2	
SECONDS	20	2	I2	
HEMISPHERE	22	1	A1	"N" or "S"
LONGITUDE,				
DEGREES	23	3	I3	
MINUTES	26	2	I2	
SECONDS	28	2	I2	
HEMISPHERE	30	1	A1	"E" or "W"
DATE IN GMT,				
YEAR	31	2	I2	
MONTH	33	2	I2	
DAY	35	2	I2	
TIME IN GMT,				
HOUR	37	2	I2	
MINUTE	39	2	I2	
DEPTH TO BOTTOM	41	5	I5	To whole meters
SAMPLE INTERVAL,				
UPPER	46	4	I4	To whole meters
LOWER	50	4	I4	To whole meters
BLANK	54	27	27X	
<u>Total Haul Data</u>				
FILE TYPE	1	3	A3	Always "024"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "3"
STATION NUMBER	11	5	A5	
GEAR CODE	16	2	A2	(Use File 024 Gear Code)
MESH SIZE	18	4	I4	In microns
DURATION	22	3	I3	Hours to tenths
HAUL LENGTH	25	4	I4	To whole meters
VOLUME OF WATER				
FILTERED	29	4	I4	To whole cubic meters
TOTAL SETTLED VOLUME	32	4	I4	To whole milliliters
TOTAL WATER DISPLACED	37	4	I4	To whole milliliters
TOTAL DRY WEIGHT OF				
HAUL	41	7	I7	Grams to hundredths
TOTAL NET WEIGHT OF				
HAUL	48	7	I7	Grams to hundredths
Volume of Water	55	6	I6	Whole cubic meters
Filtered				
Blank	61	20	20X	

FORMAT DESCRIPTION: ZOOPLANKTON (024) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
------------	--	--------------------	------	-----------------

Subsample Data

FILE TYPE	1	3	A3	Always "024"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "4"
STATION NUMBER	11	5	A5	
SAMPLE NUMBER	16	4	A4	
TAXONOMIC CODE	20	10	5A2	
LIFE HISTORY CODE	* 30	1	A1	
SIZE OF SUBSAMPLE	31	4	I4	Percent to tenths
NUMBER IN SUBSAMPLE	35	5	I5	
CONCENTRATION	40	6	I6	Number per cubic meter
DRY WEIGHT	46	7	I7	Grams to thousandths
WET WEIGHT	53	7	I7	Grams to thousandths
NUMBER OF ADULTS	60	5	I5	Whole number
NUMBER OF JUVENILES	65	5	I5	Whole number
NUMBER OF EGGS	70	5	I5	Whole number
NUMBER OF LARVAE	75	5	I5	Whole number
Blank	80	1	1X	

NOTE: There are two possible ways this record type can be used. If, for example, dry weights were to be measured for each Life History Stage, then a record type 4 will be created for each stage indicated and bytes 60 through 80 will be blank. If all measurements other than counts will be total measurements, then Life History Code will equal A and adults and juveniles may be reported on one record type 4.

Text Record type 5 not used.

FILE TYPE	1	3	A3	Always "024"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "5"
STATION NUMBER	11	5	A5	
SEQUENCE NUMBER	16	4	I4	
TEXT	20	61	61A1	

* Life history code is used only for larva.

Record type 6 not used.

Data Set Route Sheet

Accession # 79-0270

TR4469

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	8/20/79	FJM	B18265	1	80 80
2. ^{QUASI} Duplicate Tape #	10/10/79	FJM	2503	1	4800 80
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check	4/3/80	SAK			
7. First User Tape #	5/29/80	SAK	5217	1	4000 80
8. Final User Tape #	5/29/80	SAK	4554	1	4000 80
9. Final Check	5/27/80	SAK			
10. NAPIS Inventory	5/20/80	SAK			
11. DIP Inventory					
12. Data Set 'Finalized'					

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0270 TR4469

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18265	N	80	80	F	
QUADL DUPLICATE	2503	N	80	4800	FB	
REFORMATTED						
FIRST USER	005217	SL	80	4800	FB	DSN= TR4469
FINAL USER	003758 004554	SL	80	4800	FB	DSN= TR4469

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0270

- 1) File Type: 024
2) Project Ident.: BRINE DISPOSAL PGM.
3) Track Nos.: TR 4469

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
1. Zeros in Duration Hrs. need blanking	✓
2. Some stations need zeros to fill blank fields on gear codes	✓
3. Need col. 29-32 moved to 56 for 6 in R.T. 3	✓
4. Tax Code 8835281101 needs changing to 8835381101	✓
5. Date in one of the Master Records needs changing	✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
--------------	-------------------------------------

III. Processor Name: Susan B. Kenis

13 16 68

NUMBER

7900270

DATA DOCUMENTATION FORM

7R4470-TR4471

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

F032

(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 Coastal Ecosystems Management, Inc. 3600 Hulen St. Ft. Worth, TX 76107				2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - Brine Disposal Analysis Prog		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 062678 100378	
4. PLATFORM NAME(S) Gus III		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship		6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA TR4470 USA TR4471		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 6/26/78 6/18/78 10/3/78 11/10/78	
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) Dr. Robert H. Parker 817-731-3727			

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
Megafauna	1/18 meter ²	van Veen grab (1/18 m ²)	Samples sieved with 0.5 mm screen level; stained with rose bengal; counted at the species level	Complete sample counted; total converted to meter ² ; means and standard deviation

A-01-03

C. DATA FORM 1

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

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

Format 032, mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File 1: cruise 062678

" 2 " 100378

See attached

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J Foreman

ADDRESS

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "1"
SHIP NAME	11	6	A6	
TEXT	17	62	62A1	
SEQUENCE NUMBER	79	2	I2	Incremented by one for each text record
BLANK	81	6	6X	
<u>Station (Sample) Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	A1	Always "2"
STATION NUMBER	11	5	I15	
START DEPTH	16	4	I4	To whole meters
START DATE (GMT)				
YEAR	20	2	I2	00 to 99
MONTH	22	2	I2	01 to 12
DAY	24	2	I2	01 to 31
START TIME (GMT)				
HOUR	26	3	I3	To tenths (000 to 239)
START LATITUDE				
DEGREES	29	2	I2	00 to 80
MINUTES	31	2	I2	00 to 59
SECONDS	33	2	I2	00 to 59
HEMISPHERE	35	1	A1	"N" or "S"
START LONGITUDE				
DEGREES	36	3	I3	000 to 180
MINUTES	39	2	I2	00 to 59
SECONDS	41	2	I2	00 to 59
HEMISPHERE	43	1	A1	"E" or "W"
END DEPTH	44	4	I4	To whole meters
END DATE (GMT)				
YEAR	48	2	I2	00 to 99
MONTH	50	2	I2	01 to 12
DAY	52	2	I2	01 to 31
END TIME (GMT)				
HOURS	54	3	I3	To tenths (000 to 239)
END LATITUDE				
DEGREES	57	2	I2	00 to 90
MINUTES	59	2	I2	00 to 59
SECONDS	61	2	I2	00 to 59
HEMISPHERE	63	1	A1	"N" or "S"
END LONGITUDE				
DEGREES	64	3	I3	000 to 180
MINUTES	67	2	I2	00 to 59

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Station (Sample) Header Record (Continued)</u>				
SECONDS	69	2	I2	00 to 59
HEMISPHERE	71	1	A1	"E" or "W"
DISTANCE OFFSHORE	72	3	I3	Distance to nearest shoreline in whole kilometers.
TOW DIRECTION	75	3	I3	Direction from true North in whole degrees.
BLANK	78	9	9X	
<u>Segment Detail Record</u>				
FILE TYPE	1	3	I3	Always "032"
CRUISE NUMBER	4	6	A-16	
RECORD TYPE	10	1	I1	Always "3"
STATION NUMBER	11	5	I5	
SAMPLE SEGMENT				
START DEPTH	16	2	I2	Start depth of segment within sample in cm.
END DEPTH	18	2	I2	End depth of segment within sample in cm.
PENETRATION DEPTH	20	3	I3	Core penetration in mm.
AREA SAMPLED	23	7	I7	Meters squared to thousandths
BOTTOM SALINITY	30	5	I5	Parts per thousand to thousandths
BOTTOM TEMPERATURE	35	4	I4	Degrees Celsius to hundredths
BOTTOM OXYGEN	39	3	I3	Milliliters per liter to tenths
SEDIMENT ORGANIC				
CARBON	42	4	I4	Percent by weight to hundredths
SEDIMENT TOTAL CARBON	46	4	I4	Percent by weight to hundredths
SAND	50	3	I3	Percent by volume to tenths
SILT	53	3	I3	Percent by volume to tenths
CLAY	56	3	I3	Percent by volume to tenths
MINIMUM SIEVE SIZE	59	4	I4	Millimeters to hundredths
WIRE LENGTH	63	4	I4	Length of wire out in whole meters
WIRE ANGLE	67	2	I2	In whole degrees from verticals
APPROXIMATE DRI SIZE	69	3	I3	To tenths
EQUIPMENT CODE	72	3	A3	"BMT" - Beam Trawl "OTB" - Otter Trawl "SMG" - Smith MacIntyre Grab "DSC" - Deep Sea Camera "MGB" - Multiple Core "QMB" - 1/4 Meter Sq. Box Core "CMB" - 1/10 Meter Sq. Box Core "VVG" - Van Veen Grab
ORIGINATOR NUMBER	75	4	I4	Originator's Number

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Segment Detail Record (Continued)</u>				
SEGMENT SEQUENCE	79	2	I2	Sequential number indicating an individual segment of a sample. These numbers should be consecutive (01,02,03,etc.)
SAMPLE VOLUME	81	4	I4	Liters to tenths
NUMBER OF GRABS	85	2	I2	Total number making up sample volume

Species Record

FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "5"
STATION NUMBER	11	5	I5	
SPECIES CODE	16	10	5A2	
SUB SPECIES CODE	26	2	A2	
NUMBER OF INDIVIDUALS	28	5	I5	
SPECIES TOTAL WEIGHT	33	10	I10	Grams to thousandths
BLANK	43	36	36X	
SEGMENT SEQUENCE				
NUMBER	79	2	I2	Corresponding to the sample segment sequence number in which the species is found. (e.g., when record type 3 has a segment sequence no. of 06, all record type 5 records associated will have segment sequence no. of 06.)
BLANK	81	6	6X	

The first N records (optional) of each file may be Type 1 records sequenced in ascending order 01 through N. Each sampling station within the file will begin with a single Type 2 record. Each segment within a sample will have one Type 3 record with a unique, ascending sequence number (01 through the total number of delineated segments). Each species detected in a segment will have a unique Type 5 record and will be tied to the segment with a corresponding segment sequence number.

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0270 TR4470-4471

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	B/KSIZE	RECFM	REMARKS
ORIGINATOR	B18268	N	86	86	F	
QUADRIPLICATE	69	N	86	4730	FB	
REFORMATTED						
CORRECTED FIRST USER	015252 005426 11.1.1	SL	86	4730	FB	DSN= ASG12 TR4470 11.1.1
CORRECTED FINAL USER BKUP	011180	SL	86	4730	FB	DSN= TR4470

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0270

- 1) File Type: ①32
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: 4470 - 4471

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: 11 11.1

Data Set Route Sheet

TR 4470-4471

Accession # 79-0270

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE, LRECL
1. Originator Tape #	8/20/79 FJM	B18268 2	86 86
2. QUAD Duplicate Tape #	10/17/79 FJM	69 1	4730 86
3. DDF Evaluation			
4. Quality Review			
5. Preliminary Data Sort			
6. Preliminary Check	8/14/80		
7. First User Tape #	11/16/80	15-252 1	4120 86
8. Final User Tape #	11/16/80		
9. Final Check	11/16/80		
10. NAPIS Inventory	1/15/81		
11. DIP Inventory			
12. Data Set 'Finalized'			

Convention: ~ 17-0000

Originator data - station numbers
not unique in each track.
Example: #2 then 19 and again #2
then 19. Corresponds to
to A2 then A19.
Connections made for each track

Originator data not in order by
file ID. File ID assigned to TRACK.
Data sorted and put in correct
TRACK sequence.

Several records type '0'
and blanks in start time hour
(cols 24-25). These fields were
unfilled.

Error Correction Documentation Form

DATE:

DDI= B:1:17

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0270

- 1) File Type: ①32
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: 4470 - 4471

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

See attached sheet

III. Processor Name: Cliff Hall

Data Set Route Sheet

TR 4470-4471

Accession # 79-0270

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE, LRECL
1. Originator Tape #	8/20/79 FJM	B18268 2	86 86
2. ^{QUASI} Duplicate Tape #	10/17/79 FJM	69 1	4730 86
3. DDF Evaluation			
4. Quality Review			
5. Preliminary Data Sort			
6. Preliminary Check	07/14/80 CMMH		
7. First User Tape #	07/22/80 CMMH	015282 4730 1	4730 86
8. Final User Tape #	07/22/80 CMMH		
9. Final Check	07/15/80 CMMH		
10. NAPIS Inventory	07/15/80 CMMH		
11. DIP Inventory			
12. Data Set 'Finalized'			

Corrections 79-0270

Originator data - station numbers not unique in each track.
Example: #2 thru 19 and again #2 thru 19. Corrected last series to A2 thru A19.
Corrections made for each track.

Originator data - not in order by file ID. File ID changed to TRACK. Data sorted and put in correct TRACK sequence.

Several record type '2's had blanks in start time hour (cols 26 for 3). These fields were zero filled.

RCVD: 8/20/79

B18268

ACCESSION
NUMBER

79-0270

DATA DOCUMENTATION FORM

TR4470-TR4471

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

2 TR/1015

(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.)

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T 1032

FILE ID: 180627-
780623

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 Coastal Ecosystems Management, Inc. 3600 Hulen St. Ft. Worth, TX 76107		2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - Brine Disposal Analysis Prog		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 062678 100378	
4. PLATFORM NAME(S) Gus III	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 6/26/78 6/18/78 10/3/78 11/10/78		
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) Dr. Robert H. Parker 817-731-3727					

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
Megafauna	1/18 meter ²	van Veen grab (1/18 m ²)	Samples sieved with 0.5 mm screen level; stained with rose bengal; counted at the species level	Complete sample counted; total converted to meter ² ; means and standard deviation

A-01-03

C. DATA FORMAT

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

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

Format 032, mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File 1: cruise 062678

" 2 " 100378

See attached

ATTRIBUTES AS EXPRESSED IN

☐

PL-1

☐

ALGOL

☐

COBOL

☒

FORTRAN

☐

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

J Foreman

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 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 type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><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>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>	

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.

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "1"
SHIP NAME	11	6	A6	
TEXT	17	62	62A1	
SEQUENCE NUMBER	79	2	I2	Incremented by one for each text record
BLANK	81	6	6X	
<u>Station (Sample) Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	A1	Always "2"
STATION NUMBER	11	5	I5	
START DEPTH	16	4	I4	To whole meters
START DATE (GMT)				
YEAR	20	2	I2	00 to 99
MONTH	22	2	I2	01 to 12
DAY	24	2	I2	01 to 31
START TIME (GMT)				
HOUR	26	3	I3	To tenths (000 to 239)
START LATITUDE				
DEGREES	29	2	I2	00 to 80
MINUTES	31	2	I2	00 to 59
SECONDS	33	2	I2	00 to 59
HEMISPHERE	35	1	A1	"N" or "S"
START LONGITUDE				
DEGREES	36	3	I3	000 to 180
MINUTES	39	2	I2	00 to 59
SECONDS	41	2	I2	00 to 59
HEMISPHERE	43	1	A1	"E" or "W"
END DEPTH	44	4	I4	To whole meters
END DATE (GMT)				
YEAR	48	2	I2	00 to 99
MONTH	50	2	I2	01 to 12
DAY	52	2	I2	01 to 31
END TIME (GMT)				
HOURS	54	3	I3	To tenths (000 to 239)
END LATITUDE				
DEGREES	57	2	I2	00 to 90
MINUTES	59	2	I2	00 to 59
SECONDS	61	2	I2	00 to 59
HEMISPHERE	63	1	A1	"N" or "S"
END LONGITUDE				
DEGREES	64	3	I3	000 to 180
MINUTES	67	2	I2	00 to 59

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Station (Sample) Header Record (Continued)</u>				
SECONDS	69	2	I2	00 to 59
HEMISPHERE	71	1	A1	"E" or "W"
DISTANCE OFFSHORE	72	3	I3	Distance to nearest shoreline in whole kilometers.
TOW DIRECTION	75	3	I3	Direction from true North in
BLANK	78	9	9X	whole degrees.
<u>Segment Detail Record</u>				
FILE TYPE	1	3	I3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "3"
STATION NUMBER	11	5	I5	
SAMPLE SEGMENT				
START DEPTH	16	2	I2	Start depth of segment within sample in cm.
END DEPTH	18	2	I2	End depth of segment within sample in cm.
PENETRATION DEPTH	20	3	I3	Core penetration in mm.
AREA SAMPLED	23	7	I7	Meters squared to thousandths
BOTTOM SALINITY	30	5	I5	Parts per thousand to thousandths
BOTTOM TEMPERATURE	35	4	I4	Degrees Celsius to hundredths
BOTTOM OXYGEN	39	3	I3	Milliliters per liter to tenths
SEDIMENT ORGANIC				
CARBON	42	4	I4	Percent by weight to hundredths
SEDIMENT TOTAL CARBON	46	4	I4	Percent by weight to hundredths
SAND	50	3	I3	Percent by volume to tenths
SILT	53	3	I3	Percent by volume to tenths
CLAY	56	3	I3	Percent by volume to tenths
MINIMUM SIEVE SIZE	59	4	I4	Millimeters to hundredths
WIRE LENGTH	63	4	I4	Length of wire out in whole meters
WIRE ANGLE	67	2	I2	In whole degrees from vertical
AVERAGE PUL SIZE	69	3	I3	To tenths
EQUIPMENT CODE	72	3	A3	"BT" - Beam Trawl "OT" - Otter Trawl "SM" - Smith MacIntyre Grab "DS" - Deep Sea Camera "MC" - Multiple Core "QB" - 1/4 Meter Sq. Box Core "CB" - 1/10 Meter Sq. Box Core "VG" - Van Veen Grab
ORI. NUMBER	75	4	I4	Originator's Number

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Segment Detail Record (Continued)</u>				
SEGMENT SEQUENCE	79	2	I2	Sequential number indicating an individual segment of a sample. These numbers should be consecutive (01,02,03,etc.)
SAMPLE VOLUME	81	4	I4	Liters to tenths
NUMBER OF GRABS	85	2	I2	Total number making up sample volume

Species Record

FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "5"
STATION NUMBER	11	5	I5	
SPECIES CODE	16	10	5A2	
SUB SPECIES CODE	26	2	A2	
NUMBER OF INDIVIDUALS	28	5	I5	
SPECIES TOTAL WEIGHT	33	10	I10	Grams to thousandths
BLANK	43	36	36X	
SEGMENT SEQUENCE				
NUMBER	79	2	I2	Corresponding to the sample segment sequence number in which the species is found. (e.g., when record type 3 has a segment sequence no. of 06, all record type 5 records associated will have segment sequence no. of 06.)
BLANK	81	6	6X	

The first N records (optional) of each file may be Type 1 records sequenced in ascending order 01 through N. Each sampling station within the file will begin with a single Type 2 record. Each segment within a sample will have one Type 3 record with a unique, ascending sequence number (01 through the total number of delineated segments). Each species detected in a segment will have a unique Type 5 record and will be tied to the segment with a corresponding segment sequence number.

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0270 TR4470-4471

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	B18268	N	86	86	F	
QUADRIPLICATE	69	N	86	4730	FB	
REFORMATTED						
CORRECTED FIRST USER	015282 005426 4th file	SL	86	4730	FB	SDF DSN= ASCII TR 4470 output
CORRECTED FINAL USER BKUD	011180	SL	86	4730	FB	DSN= TR 4470

T318258

ACCESSION
NUMBER

79-0270

REV'D: 8/20/79

DATA DOCUMENTATION FORM

TR4474
FO91NOAA FORM 24-13
(-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

Bill 117

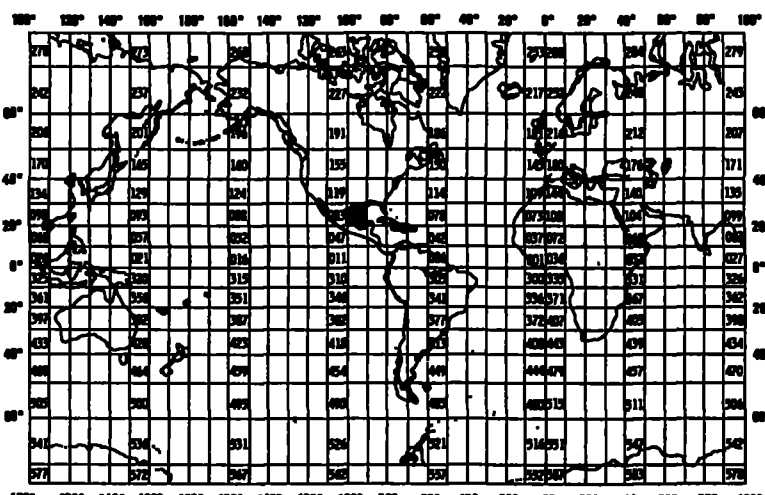
(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

FILE ID: 480119

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED NPT30 NPTL Station, Miss 39529					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - Brine Disposal Analysis Prog		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT SADENS 101877			
PLATFORM NAME(S) SADENS 2	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM USA	OPERATOR USA	FROM: MO, DAY, YR 10/15/77	TO: MO, DAY, YR 12/3/77
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) William L. Beach 601-688-2806					

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
Wind Speed Direction	m/sec Degrees of Arc	J-Tec VA-310		

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

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

Format 091, mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

J. Foreman 634-7324

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 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 <input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><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>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>	

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.

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
Descriptive Header Record				
FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"1"
STATION	11	6	A6	Unique name of observation point
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
LATITUDE	27	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	33	1	A1	"N" or "S" hemisphere
LONGITUDE	34	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	41	1	A1	"E" or "W" hemisphere
BOTTOM DEPTH	42	5	I5	Meters to tenths
MAGNETIC VARIATION	47	4	I4	Whole degrees from true north (signed value)
BUOY HEADING*	51	3	I3	Whole degrees from true north
SAMPLING RATE*	54	4	I4	Original measurements per minute, to tenths
SAMPLING DURATION*	58	4	I4	Minutes to hundredths
TOTAL INTERVALS*	62	3	I3	Number of frequency intervals
CHIEF SCIENTIST	65	20	A20	
INSTITUTION	85	20	A20	Data source
COMMENTS	105	16	A16	

*For buoy data only

Environmental Data Record

FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"B" (environmental data rec.)
STATION	11	6	A6	Unique name of observation pt.
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
ALTITUDE	27	3	I3	Meteorology alt., meters to tenths
AIR TEMP	30	4	I4	Temperature, Celsius to tenths
DEW POINT	34	4	I4	Temperature, Celsius to tenths

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Environmental Data Record (cont'd)</u>				
BAROMETER	38	5	I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4	I4	Meters/sec. to hundredths
WIND DIRECTION	47	4	I4	From true north, degrees to tenths
WEATHER	51	1	I1	Current Weather (WMO code 4501)
VISIBILITY	52	3	I3	Nautical miles, to tenths
PRECIPITATION	55	4	I4	Accumulation in millimeters
SOLAR RADIATION	59	3	I3	Langleys/minute to hundredths - wave length less than 3.6 microns
SOLAR RADIATION	62	3	I3	Langleys/minute to hundredths - wave length from 4.0 to 50 microns
SIGNIFICANT WAVE HEIGHT	65	3	I3	Meters to tenths, corrected for low frequency noise, etc.
AVERAGE WAVE PERIOD	68	3	I3	Seconds to tenths
AVERAGE WAVE DIRECTION	71	3	I3	Direction of predominant waves in whole degrees from true N
HIGHEST CREST	74	3	I3	Meters to tenths, from reference level
DEEPEST TROUGH	77	3	I3	Meters to tenths, from reference level
TEMPERATURE	80	4	I4	Sea surface temp. to hundredths
SALINITY	84	5	I5	Parts per thousand to thousandths
CONDUCTIVITY	89	5	I5	Millimhos/cm to thousandths
blanks	94	27	27X	
<u>Wave Spectra Data Record</u>				
FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"3"
STATION	11	6	A6	Unique name of observation pt.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0270

- 1) File Type: 091
- 2) Project Ident.: BRINE DISPOSAL PGM.
- 3) Track Nos.: TR 4474

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 (MRL) 11/6/78

ACCESSION NO: 79-0270 TR 4474

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18258	N	120	120	F	
QUADRIPLICATE	10	N	120	4800	FB	
REFORMATTED						
FIRST USER						
FINAL USER						

Data Set Route Sheet

TR 4474

Accession # 79-0270

Step	Completion Date/Init.		Tape #, # of Files		BLKSIZE	LRECL
1. Originator Tape #	8/20/79	FJM	B18258	1	120	120
2. ^{QUAST} Duplicate Tape #	10/10/79	FJM	10	1	4800	120
3. DDF Evaluation						
4. Quality Review						
5. Preliminary Data Sort						
6. Preliminary Check						
7. First User Tape #						
8. Final User Tape #						
9. Final Check						
10. NAPIS Inventory						
11. DIP Inventory						
12. Data Set 'Finalized'						

DEUTSCHES OZEANOGRAPHISCHES DATENZENTRUM
(DOD)

4832/80 DOD

Az.1

(Bei Antwort bitte angeben)

Deutsches Ozeanographisches Datenzentrum, Postfach 220, D-3 Hamburg 4

AIR MAIL

Director
World Data Centre A
- Oceanography -
National Oceanic and Atmospheric
Administration

Washington, D.C. 20235 USA

Director
World Data Centre B
- Oceanography -
Molodezhnaya 3

Moskva 117-296
USSR

AIR MAIL

Director
Marine Environmental Data Service
Marine Sciences Directorate
580 Booth Street

Ottawa K1A OE6
KANADA

Dear Colleagues:

Under separate cover the DOD has forwarded a magnetic tape with oceanographic data collected by German ships. A complete edited listing is attached to the data package. A summarizing list comprising the various cruises is sent along with this letter. The magnetic tape is written in

9 track, 800 bpi, EBCDIC, odd parity, physical record
length: 80 characters, blocking factor: 25.

Sincerely yours,

for *Dieter P Kohnke*
Dieter P Kohnke

2000 HAMBURG 4, 31 July 1980

Postfach 220
Bernhard-Nocht-Straße 78
beim Deutschen Hydrographischen Institut
Telefon: 31 71 71- 3190-5231

Kuratorium:

Prof. Dr. G. Hempel, Institut für Meereskunde
an der Universität Kiel

Dr. A. Meyl, Deutsche Forschungsgemeinschaft,
Bonn-Bad Godesburg

Dir/Prof. Dr. K. Vollbrecht,
Deutsches Hydrographisches Institut, Hamburg

Prä/Prof. Dr. G. Zickwolff,
Deutsches Hydrographisches Institut, Hamburg

Mr. Jens Smed
Hydrographic Service
I.C.E.S.
Charlottenlund Slot

DK-2920 Charlottenlund

Access # 81-00437

B00045
R00111

83NODC209

81-00437

CRUISE AND LEG NO.	NAME OF PROJECT	CRUISE PERIOD	AREA OF OPERATION	NUMBER SERIAL STD/CTD	OF SURFACE BT/XBT	STATIONS BT/XBT	CHEMICAL	NUMBER OF RECORDS
ANTON DORR 171/2 193 196 208/1 209 210/2 212 215	THIS	28.01.74 - 11.02.74 07.04.74 - 14.09.74 05.01.77 - 12.01.77 14.04.78 - 24.10.78 04.01.79 - 11.01.79 14.03.79 - 10.05.79 26.07.79 - 07.08.79 01.02.80 - 20.02.80	NORTH SEA NORTH SEA GERMAN BIGHT N-ATLANTIC GERMAN BIGHT SARGASSO SEA NORTH SEA NORTH SEA	0028 06-0280 0014 06-0281 0036 06-0282 0096 06-0283 0068 06-0283				0084 0094 0042 0013 0108 0804 0273 0702
WALTHER HERBIG 065		17.11.75 - 16.06.76	ANTARCTIC	0172 06-0284 0065 06-0285		0285		2176
POSEIDON	BOSE-X	10.09.77 - 13.04.77	BALTIC SEA	0012 06-0286			0012	0234
TRAMER		09.11.74 - 31.12.74 09.11.74 - 31.12.74 01.01.75 - 17.05.75 01.01.75 - 25.05.75	NL-PACIFIC NL-PACIFIC PACIFIC PACIFIC	0052 06-0287 0070 06-0288 0097 06-0288 0116 06-0288				0576 0606 0640 0464
GAUSS 240 264 285 321 322 327 328 331	BOSE-X	05.08.75 - 15.08.75 14.09.76 - 24.04.76 13.04.77 - 22.04.77 16.05.79 - 30.05.79 04.06.79 - 14.06.79 15.08.79 - 23.08.79 24.08.79 - 10.09.79 15.10.79 - 24.10.79	GERMAN BIGHT GERMAN BIGHT E. BALTIC SEA NORTH SEA GERMAN BIGHT NORTH SEA BALTIC SEA GERMAN BIGHT	0050 06-0289 0052 06-0290 0027 06-0291 0033 06-0291 0040 06-0291				0323 0155 0120 0105 0030 0096 0222 0120
MLTFOI 2026/2 2036/1	CLIMCA CLIMCA	23.02.72 - 11.03.72 14.01.75 - 17.02.75	N. AFRICA N-ATLANTIC	0047 06-0292 0040 06-0293			0041 0040	0907 0817
ALPHE		02.05.76 - 06.02.76 04.05.76 - 07.05.76	BALTIC SEA BALTIC SEA	0013 06-0294 0010 06-0294			0010	0131 0216

CRUISE NAME (15 max)	NAME OF PROJECT	CRUISE PERIOD	AREA OF OPERATION	NUMBER SERIAL STD/CTD	OF STATIONS SURFACE BT/WT CHEMICAL	NUMBER OF RECORDS
FRIDRICH DUNCKEL J136 [139 147 152		15.11.76 - 20.11.76 21.03.77 - 28.04.77 21.11.77 - 30.11.77 28.03.78 - 20.04.78	NW-ATLANTIC NORTH SEA NORTH SEA NORTH SEA	0052 - 060293 0055 } 060296 0056 } 060297 0043 - 060298	0052 0055 0060 0046	0381 0310 0517 0315
SILEA 076		01.03.79 - 21.03.79	NORTH SEA	0054 - 060299	0042	0315
SHIP OF OPPORTUNITY		19.11.61 - 23.11.61 05.12.62 - 31.12.62 01.01.63 - 29.12.63 23.07.77 - 17.09.77 07.05.78 - 05.05.78 18.05.78 - 24.05.78 02.05.78 - 05.05.78	ATLANTIC BALTIC SEA NORTH SEA BALTIC SEA		0032 0035 0399 0068 0010 0005 0002	0032 0035 0399 0068 0023 0012 0004
FRITHJOF 055		31.08.78 - 12.10.78	NW-ATLANTIC		0147	0491
ALTE LILLI		01.01.78 - 31.12.78	COASTAL STATION		0303	0303
				----- TOTAL : 01327 00000 01679 00811 00328 013486 -----		

B 0 0 0 4 5
LIBRARY USE ONLY

NODC TAPE SYSTEM ENTRY FORM

(All Fields Must Be Completed)

OWNER: D 7 1 2 R G K

NAME: R. KUHN

TRACK: 7 9 PARITY: ODD EVEN LABEL: SL NL TAPE CATEGORY CODE: B

ORIGINATING REEL ID (IF APPLICABLE): 1 3 5 4 4 DENSITY: 1 6 0 0

RECORD FORMAT CODE: FB RECORD SIZE: 8 0 BLOCK SIZE: 2 0 0 0

CHARACTER CODE: 3 TAPE FORMAT CODE: 9 DATA GENERATION CODE: 9

BRIEF DESCRIPTIVE TEXT: Copy DOD 001 ? (R 00111)

DATA CREATION DATE (IF KNOWN): 4/21/81

IF MULTI-REEL FILE, COMPLETE BELOW:

REEL POSITION WITHIN FILE SET: ☐

PREVIOUS REEL: ☐

NEXT REEL: ☐

FULLY QUALIFIED DATA SET NAME:

COMMENTS:

R00111
LIBRARY USE ONLY

NODC TAPE SYSTEM ENTRY FORM
(All Fields Must Be Completed)

OWNER: D712RGK

NAME: R. KUHN

TRACK: 7 ⑨ PARITY: (ODD) EVEN LABEL: SL (NL) TAPE CATEGORY CODE: R

ORIGINATING REEL ID (IF APPLICABLE): D0D001 DENSITY: 0800

RECORD FORMAT CODE: FB RECORD SIZE: 80 BLOCK SIZE: 2000

CHARACTER CODE: 3 TAPE FORMAT CODE: 9 DATA GENERATION CODE: 9

BRIEF DESCRIPTIVE TEXT: GERMAN DATA (DOD) - COPIED TO BPP45
(13544)

DATA CREATION DATE (IF KNOWN):

IF MULTI-REEL FILE, COMPLETE BELOW:

REEL POSITION WITHIN FILE SET:

PREVIOUS REEL:

NEXT REEL:

FULLY QUALIFIED DATA SET NAME:

COMMENTS:

TRANSMITTAL AND RECEIPT RECORD

(Transmittal Notice)



WORLD DATA CENTER A

Oceanography

National Oceanic and Atmospheric Administration
Washington, D. C. 20235, U.S.A.

CABLE ADDRESS: WORLDATA

634-7249
TEL: AREA CODE (202) 343-4004

30.0/4(2.IX.80)

TO:

NODC
Code ~~D7312~~
D7211

REFER TO:

ATTENTION:

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY:

☐ Surface Mail ☐ Air Mail ☐ Registered Mail ☐ Surface Parcel Post ☐ Air Parcel Post ☒ By Hand ☐ Other _____

One magnetic tape received from D. Kohnke of DOD containing physical and chemical data, surface observations, and bathythermograph observations taken by German vessels during 1961-1963, 1972, 1974-1980.

Copy of forwarding letter and list of cruises.

FORWARDED BY (Signature)

Ronald E. Moffatt

TITLE

Associate Director

DATE FORWARDED

3 September 1980

ICES
STATION DATA

German BT data

Original Tape # R00111 - {9 TRK, NON-LABEL, 800 BPI
note - not sure about specs - {EBCDIC, BLKSZ = 2000

*† Copy Tape # B00045 - 9 TRK, LABEL = NL -
EBCDIC, BLKSZ = 2000, 1600 BPI

* Output tape # 6952 9 TRK, LABEL = NATOUT
NOOC Format ASCII, BLKSZ = VAR, 1600 BPI
Quarter-word sens.

Have scan for this one only

+ At SWITLAND

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
-----	-----	-----	-----	-----	-----	-----	-----	-----
7900270	F005	TR4463	0093	3124	317F	1979/01/22	790618	309769
7900270	F005	TR4464	0093	3124	317F	1979/03/01	790619	309770
7900270	F005	TR4465	0093	3124	317F	1979/01/22	790618	309771
7900270	F005	TR4466	0093	3124	317F	1979/03/01	790619	309772
7900270	F005	TR4467	0093	313B	317F	1979/03/01	080179	309773
7900270	F005	TR4468	0093	312K	317F	1978/01/07	790901	309774
7900270	F191	TR4472	0093	313B	317F	1979/03/01	90179	309778
7900270	F191	TR4473	0093	313B	317F	1979/05/01	90179	309779
7900270	F191	TR4474	0093	313B	317F	1977/10/18	80179	309780
7900270	F124	TR4469	0093	313G	31G3	1979/01/09	781207	309775
7900270	F132	TR4470	0093	314E	31G3	1978/06/26	780627	309776
7900270	F132	TR4471	0093	314E	31G3	1978/10/03	781013	309777

(12 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
7900270	F005	TR4463	317F	3	1821	79/01/22	79/03/01
7900270	F005	TR4464	317F	2	1687	79/03/01	79/04/05
7900270	F005	TR4465	317F	3	1821	79/01/22	79/03/01
7900270	F005	TR4466	317F	2	1687	79/03/01	79/04/05
7900270	F005	TR4467	317F	2	1424	79/03/01	79/04/30
7900270	F005	TR4468	317F	4	4120	78/01/07	78/04/03
7900270	F191	TR4472	317F	1	1458	79/03/01	79/03/01
7900270	F191	TR4473	317F	1	739	79/05/01	79/05/01
7900270	F191	TR4474	317F	1	1014	77/10/18	77/10/18
7900270	F124	TR4469	31G3	10	1563	79/01/09	79/01/13
7900270	F132	TR4470	31G3	26	432	78/06/26	78/06/29
7900270	F132	TR4471	31G3	26	277	78/10/03	78/11/10

(12 rows affected)