

RCVD: 9/17/79

B18326

ACCESSION  
NUMBER

79-0295

TAPE  
DATA DOCUMENTATION FORM

TR4533

DDF 4:2:14

OAA 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

F005

(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=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 Dames and Moore Suite 700 7101 Wisc Ave Bethesda, Md 20014			
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 WIBTP 0318 78	
4. PLATFORM NAME(S) WIBTP	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 3/18/78 5/25/78
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) 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)

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)

# 8. 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	TECHNICAL DATA AND ANALYSIS
<p>Current Speed Direction</p>	<p>cm/sec Degrees of Arc</p>	<p>} Endeco meter</p>		

### C. DATA FORMAT

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

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

format 005, mag tape

#### 2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See Attached

LIST ATTRIBUTES AS EXPRESSED IN

☐ PL-1  
☒ FORTRAN

☐ ALGOL  
☐ \_\_\_\_\_

☐ COBOL  
LANGUAGE

#### 1. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J. Foreman 634-7327

ADDRESS

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

##### 5. RECORDING MODE

☒ BCD ☐ BINARY  
☐ ASCII ☐ EBCDIC  
☐ \_\_\_\_\_

##### 6. NUMBER OF TRACKS (CHANNELS)

☒ SEVEN  
☐ NINE  
☐ \_\_\_\_\_

##### 7. PARITY

☐ ODD  
☐ EVEN

##### 8. DENSITY

☐ 200 BPI ☐ 1600 BPI  
☐ 556 BPI  
☒ 800 BPI  
☐ \_\_\_\_\_

##### 9. LENGTH OF INTER- RECORD GAP (IF KNOWN)

☐ 3/4 INCH  
☐ \_\_\_\_\_

##### 10. END OF FILE MARK

☐ OCTAL 17  
☐ \_\_\_\_\_

##### 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)

##### 12. PHYSICAL BLOCK LENGTH IN BYTES

##### 13. LENGTH OF BYTES IN BITS

See re-Draw.

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 <del>Sensor Serial</del>	35	4	I4	Depth in Meters
<del>blank</del>	<del>39</del>	<del>7 9</del>	<del>7X 7 9</del>	<del>blank</del>
<del>Blank</del>	<del>43</del>	<del>18</del>	<del>18x</del>	
<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 <sup>2</sup> to hundredths
CONDUCTIVITY	40	4	I4	Millimhos to hundredths
blank	44	2	2X	blank
	16		16	
	60		18	

## Data Set Route Sheet

TR4533

Accession # 79-0295

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	9/17/79 FJM	B18326 1	60	60
2. <sup>QUAD</sup> Duplicate Tape #	10/16/79 FJM	11087 1	4800	60
3. DDF Evaluation				
4. Quality Review				
5. Preliminary Data Sort				
6. Preliminary Check	11/5/79			
7. First User Tape #	6/11/80 SBK	13170 1	4800	60
8. Final User Tape #	6/11/80 SBK	13235 1	4800	60
9. Final Check	6/4/80 SBK			
10. NAPIS Inventory	6/10/80 SBK			
11. DIP Inventory				
12. Data Set 'Finalized'				

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0295

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: 4533

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
<i>Illegal imbedded blanks in hour 8.01</i>	<i>✓ (SBK)</i>

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
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III. Processor Name:

*Susan B. Keig*

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR 4533

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18326	N	60	60	F	
QUADI DUPLICATE	11087	N	60	4800	FB	
REFORMATTED						
FIRST USER	13170	SL	60	4800	FB	DSN= TR 4533
FINAL USER	13235	SL	60	4800	FB	DSN= TR 4533



RCVD: 9/17/79

T318336

ACCESSION  
NUMBER

79-0295

FT005

TAPE  
DATA DOCUMENTATION FORM

TR4534  
F005

NOAA FORM 24-13  
(7)

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

FORM APPROVED  
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EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

FILE ID= 790901

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED <i>Dames &amp; Moore</i> <i>Suite 700</i> <i>7101 Wise Ave</i> <i>Bethesda, Md 20014</i>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>SPR - Brine Disposal Analysis Prog</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>WIBBT 031878</i>	
4. PLATFORM NAME(S) <i>WIBBT</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>Buoy</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>USA USA</i>	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR <i>3/18/78 5/25/78</i>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <i>George Weisburg</i> <i>301-652-2215</i>			

## B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	TECHNICAL AND OTHER REMARKS
Current Speed Direction	cm/sec Degrees of Arc	} Endeco meter		

# C. DATA FORMAT

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

1. TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
 AND OF IDENTIFYING EACH RECORD TYPE

format 005, 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 J. Foreman 634-7327  
 ADDRESS \_\_\_\_\_

## COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

Sam  
re-done.

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
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File Header Record

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

Station Header Record

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 <del>Sensor Serial</del>	35	4	I4	Depth in Meters
blank <del>Number</del>	39	7 7	7X 74	blank
Blank	43	18	18x	

Data Record

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 <sup>2</sup> to hundredths
CONDUCTIVITY	40	4	I4	Millimhos to hundredths
blank	44	2	2X	blank
	16		16	
	60		18	

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0295

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL PGM
- 3) Track Nos.: TR4534

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
-99 } IN MISSING -999 } DATA FIELDS	REMOVED ✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
illegal imbedded blanks in hour	✓

III. Processor Name: Gerald W. Rannon

## Data Set Route Sheet

TR 4534

Accession # 79-0295

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	9/17/79	FJM	B18336 1	60	60
2. <del>QUASI</del> Duplicate Tape #	10/17/79	FJM	7658 1	4800	60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check	5/27/79	ML	7658 1	4800	60
7. First User Tape #	6/23/80	YMD	14531 1	4800	60
8. Final User Tape #	7/8/80	YMD	14170 1	4800	60
9. Final Check	7/3/80	YMD	14531 1	4800	60
10. NAPIS Inventory					
11. DIP Inventory					
12. Data Set 'Finalized'					

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR4534

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18336	N	60	60	F	
QUAD I DUPLICATE	7658	N	60	4800	FB	
REFORMATTED						
FIRST USER	14531	N	60	4800	FB	
FINAL USER	14170	N	60	4800	FB	

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

SESSION NO: 79-0295 TR4535

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18334	N	60	60	F	
QUADRIPLICATE	7665	N	60	4800	FB	
REFORMATTED						
SELECTED FIRST USER	6374	SL	60	4800	FB	DSN= TR4535
SELECTED FINAL USER	6822	SL	60	4800	FB	DSN= TR4535



PRINT 9/17/79

TB 18334

ACCESSION  
NUMBER

79-0295

TAPE  
DATA DOCUMENTATION FORM

TR4535  
F005

NOAA FORM 24-13  
(7)

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

FT 005

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FILE ID = 790901

A. ORIGINATOR IDENTIFICATION

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>SPR - Brine Disposal Analysis Prog</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>052578</i>	
4. PLATFORM NAME(S) <i>WIBTP</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>Buoy</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>USA USA</i>	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR <i>5/25/78 7/10/78</i>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <i>George Weissburg</i> <i>301-652-2215</i>	

## B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES
Current Speed Direction	cm/sec Degrees of Arc	} Endeco meter	

### C. DATA FORMAT

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

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

format 005, mag tape

#### 2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See Attached

LANGUAGES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐

LANGUAGE

#### 4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J. Foreman 634-7327

ADDRESS

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

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

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0295

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: 4535

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 Hartley

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR4535

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18334	N	60	60	F	
QUADI DUPLICATE	7665	N	60	4800	FB	
REFORMATTED						
CORRECTED FIRST USER	6374	SL	60	4800	FB	DSN= TR4535
CORRECTED FINAL USER BKUP	6822	SL	60	4800	FB	DSN= TR4535

## Data Set Route Sheet

TR 4535

Accession # 79-0295

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	9/17/79	FJM	B18334	1	60 60
2. <del>QUADI</del> Duplicate Tape #	10/16/79	FJM	7665	1	4800 60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check	07/01/80	CMLH			
7. First User Tape #	07/03/80	CMLH	6374		
8. Final User Tape #	07/03/80	CMLH	6822		
9. Final Check	07/02/80	CMLH			
10. NAPIS Inventory	07/13/80	CMLH			
11. DIP Inventory					
12. Data Set 'Finalized'					

Corrections 79-0295

Record Type "3"

Time Field 22-25

~~Station's~~ records had blanks  
in this field - blanks corrected  
to zeros

DATE:

DDF A: 214

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900295

- 1) File Type: 191  
2) Project Ident.: BRINE DISPOSAL  
3) Track Nos.: TR 4537

I. Error Corrections as reported to Principal Investigator:

- | Error   | Correction Completed (Check) |
|---|------------------------------|
| ① <del>Comments in</del><br>COMMENTS in<br>COL. 105-107<br>shifted to 108 → | ✓                            |
| ② CONVERTED FROM<br>FT 091 TO 191   | ✓                            |

II. Additional error corrections:

- | Error  | Correction Completed (Check) |
|--|------------------------------|
| 1. Disk data set not available - changed 091 to 191.         |                              |
| 2. Deleted excess record - type 0) orig.                     |                              |
| 3. Time field contained blanks; entered zeros to fill field. |                              |
| 4. Record type 3 changed to record type 2.                   |                              |

III. Processor Name: M. Lewis



ACCESSION/TRACK NO.: 7900295 TR4537

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUADRI ORIGINATOR	3768	NL	120	4800	FB	*	1412
DUPLICATE							
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15773*F191.TR4537						1412
EDITED DISK FILE	D15773*F191.TR4537						707

- \*
- ① INPUT DATA = MITCH\*T4537. (DISK)
  - ② FILE ID = TR4537.

ECVD: 9/17/79

7318330

ACCESSION  
NUMBER

79-0295

DOF 14:2:14

TAPE  
DATA DOCUMENTATION FORM

TR4537  
E/91

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

OLD

QUADI 3768

FT091

(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.)

FT191

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 = 100179  
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 4/21/81 FT191 →				DISK INPUT = MITCH * T4537 FILE ID = TR4537	
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 060179			
4. PLATFORM NAME(S) OPEMS	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 6/1/79 6/30/79	
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 (ONP)? (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. BeachT 601-688-2806					

# 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	Bendix 123A J-Tec VA-310		
Air Temp	°C	YSI		
Air pressure	mb	Rosemount 1201F		
surface water temp	°C	YSI		

## 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 091 mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

3. ATTRIBUTES AS EXPRESSED IN

☐ PL/I  
☒ FORTRAN

☐ ALGOL  
☐ \_\_\_\_\_

☐ COBOL  
LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J. Foreman

ADDRESS

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

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

# 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 <del>to tenths</del>
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 <del>to hundredths</del>
TOTAL INTERVALS*	62	3	I3	Number of frequency intervals
CHIEF SCIENTIST	65	20	A20	Data source
INSTITUTION	85	20	A20	
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 <del>to tenths</del>
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.

ACCESSION/TRACK NO.: 7900295 TR4537

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUADRI ORIGINATOR	3768	NL	120	4800	FB	*	1412
DUPLICATE							
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

\*  
① INPUT DATA = MITCH\* T4537. (DISK)  
② FILE ID = TR4537.



Step	Completion Date/Init.		Tape # or DSH	# of Files	BLKSIZE	LRECL	# RECORDS
<b>OLD QUADI</b> ORIGINATOR TAPE #	4/21/81	FJM	3768	1	4800	120	1412
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE #							
WORK DISK FILE							
FINAL USER TAPE #							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900295

- 1) File Type: 191  
2) Project Ident.: BRINE DISPOSAL  
3) Track Nos.: TR 4537

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
① <del>BRINE</del> COMMENTS IN COL. 105-107 Shifted to 108 →	✓
② CONVERTED FROM FT091 TO 191	✓

II. Additional error corrections:

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

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

**FILE TYPE 091 - METEOROLOGY AND WAVE SPECTRA - 4/26/77 VERSION**

**NOTES AND CORRECTIONS**

THIS FORMAT IS USED TO REPORT METEOROLOGICAL DATA AND OCEAN WAVE SPECTRA DATA. THE FORMAT CONTAINS THREE DATA RECORD TYPES TO: 1) IDENTIFY THE BUOY FOR POSITION, DURATION, RATE OF SAMPLING, AND HEADING, 2) IDENTIFY THE METEOROLOGICAL PARAMETERS (TEMPERATURE, PRESSURE, WEATHER, SOLAR RADIATION, AND SURFACE WAVES), AND 3) REPORT TIME SERIES, FREQUENCY, DENSITY AND RESOLUTION OF WAVES.

EACH RECORD IS 120 CHARACTERS IN LENGTH, SORTED BY STATION AND RECORD TYPE.

PARAMETER	DESCRIPTION	SC
DESCRIPTIVE HEADER RECORD	ALWAYS '1'	10
STATION	SIX-CHARACTER UNIQUE NAME OF OBSERVATION POINT	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	29
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	27
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	34
BOTTOM DEPTH	XXXX - METERS TO TENTHS	42
MAGNETIC VARIATION	XXXX - WHOLE DEGREES FROM TRUE NORTH (SIGNED VALUE)	47
BUOY HEADING	XXX - WHOLE DEGREES FROM TRUE NORTH	51
SAMPLING RATE	XXXX - ORIGINAL MEASUREMENTS PER MINUTE, TO TENTHS	54
SAMPLING DURATION	XXXX - MINUTES TO HUNDREDTHS	58
TOTAL INTERVALS	XXX - NUMBER OF FREQUENCY INTERVALS	62
CHIEF SCIENTIST	20-CHARACTER FIELD FOR SCIENTIST NAME	65
INSTITUTION	20-CHARACTER FIELD FOR DATA SOURCE	85
COMMENTS	16-CHARACTER FIELD	105
ENVIRONMENTAL DATA RECORD	ALWAYS 'B'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
ALTITUDE	XXX - METEOROLOGY (METERS TO TENTHS)	27
AIR TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	30
DEW POINT	XXXX - DEGREES C TO TENTHS	34
BAROMETER	XXXXX - REDUCED TO SEA LEVEL (MB TO TENTHS)	38
WIND SPEED	XXXX - M/SEC TO HUNDREDTHS	43
WIND DIRECTION	XXXX - DEGREES FROM TRUE NORTH TO TENTHS	47
WEATHER	ONE-CHARACTER CODE - USE CODE 0108	51
VISIBILITY	XXX - NAUTICAL MILES TO TENTHS	52
PRECIPITATION	XXXX - ACCUMULATION IN MILLIMETERS	55
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDTHS, WAVE LENGTH LESS THAN 3.6 MICRONS	59
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDTHS, WAVE LENGTH 4.0 TO 50 MICRONS	62
SIGNIFICANT WAVE HEIGHT	XXX - CORRECTED FOR LOW FREQUENCY NOISE (METERS TO TENTHS)	65
AVERAGE WAVE PERIOD	XXX - SECONDS TO TENTHS	68
AVERAGE WAVE DIRECTION	XXX - DIRECTION OF PREDOMINANT WAVES IN WHOLE DEGREES FROM TRUE NORTH	71
HIGHEST CREST	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	74
DEEPEST TROUGH	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	77

TEMPERATURE	XXXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	80
SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	84
CONDUCTIVITY	XXXXX - MILLIMHOS/CM TO THOUSANDTHS	89
BLANKS		94
WAVE SPECTRA DATA RECORD	ALWAYS '3'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
INTERVALS PER DIRECTION	XXX - TOTAL NUMBER OF FREQUENCIES IN THIS DIRECTION OR ZERO FOR NON- DIRECTIONAL	27
DIRECTION	XXXX - DEGREES TO TENTHS FROM TRUE NORTH OR '9999' FOR NON-DIRECTIONAL	30
COUNT	X - NUMBER OF FREQUENCIES ON THIS RECORD	34
DATA	UP TO 5 FREQUENCY, RESOLUTION, AND DENSITY FIELDS. NULL FIELDS ARE ZERO OR BLANK	
FREQUENCY	XXXX - CENTER FREQUENCY OF INTERVAL IN HERTZ TO THOUSANDTHS	35
RESOLUTION	XXXX - RESOLUTION OF INTERVAL IN HERTZ TO TEN-THOUSANDTHS	39
DENSITY	XXXXXX - SPECTRAL DENSITY OF INTERVAL IN SQ M/HZ TO THOUSANDTHS	43
FREQUENCY	SEE ABOVE	49
RESOLUTION	SEE ABOVE	53
DENSITY	SEE ABOVE	57
FREQUENCY	SEE ABOVE	63
RESOLUTION	SEE ABOVE	67
DENSITY	SEE ABOVE	71
FREQUENCY	SEE ABOVE	77
RESOLUTION	SEE ABOVE	81
DENSITY	SEE ABOVE	85
FREQUENCY	SEE ABOVE	91
RESOLUTION	SEE ABOVE	95
DENSITY	SEE ABOVE	99
BLANKS		105

79-0295

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR4538, NO OF RECORDS=

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18278	N	60	60	F	
QUADRIPLICATE	7669	N	60	4800	FB	
REFORMATTED						
FIRST USER	DISK = D 15773 * F005. TR 4538					
FINAL USER						
DISK	DSN = DMNOE * m r 75. F005 T 4538					

RCVD: 9/17/79

T318278

ACCESSION  
NUMBER

79-0295

FT005

TAPE  
DATA DOCUMENTATION FORMTR4538  
F005NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

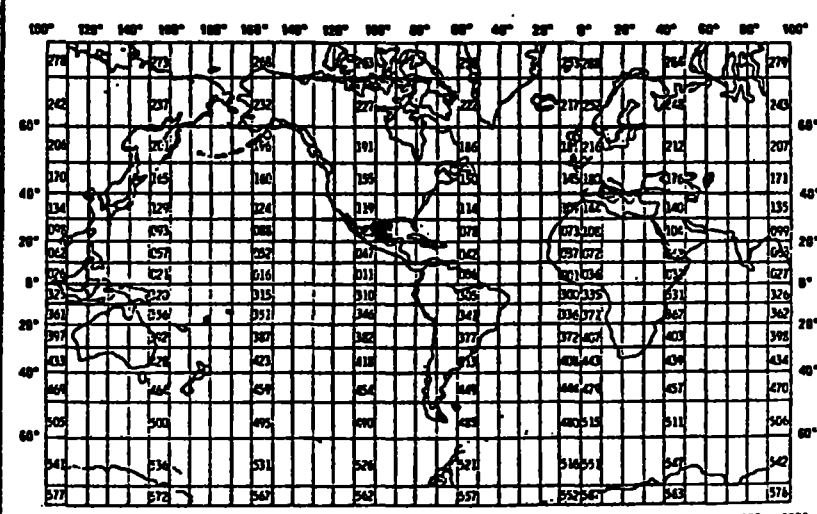
(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

FILE ID = 490179

## 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 NOBO NSTL Station, Mies 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 050179	
4. PLATFORM NAME(S) <del>OPENS</del> OPENS	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 5/1/79 5/31/79
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 601-688-2806			

# 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
Water Temp	°C	ESI		
Current Speed	cm/s	AMT		
Direction	degrees of arc	VACM		
Conductivity	mmho	Plessey 5520-1	converted and reported as salinity ‰	



## 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 ~~off~~ mag Tape  
005

- ## 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

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

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

# RECORD FORMAT DESCRIPTION

9-5-78

## MESA BIGHT FILE TYPE 005

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN  (e.g., bits, 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 <del>to tenths</del>
WATER	35	4	bytes	I4	Depth in Meters <del>to tenths</del>
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 "4"
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
SALINITY	36	5	bytes	I5	Parts per Thousand to thousandths
BLANK	41	40 2	bytes	40 X	

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 790295

- 1) File Type: 005  
2) Project Ident.: BRINE DISPOSAL PGM.  
3) Track Nos.: 4538

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. Salinity (below range) - Prefixed all values with 3. to  
make 5 digits. Salinity range (+30.000)  
2. Wind Direction - changed 360 to 359.

III. Processor Name: Marius R. Lewis

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR4538, NO OF RECORDS=

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18278	N	60	60	F	
QUADI DUPLICATE	7669	N	60	4800	F13	
REFORMATTED						
FIRST USER	DISK = D 15773 * F005. TR 4538					
FINAL USER						
DISK	DSN = DMNOE * MP 75-F005T4538					

## Data Set Route Sheet

TR 4538

Accession # 79-0295

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE, LRECL
1. Originator Tape #	9/17/79 FJM	B18278 1	60 60
2. <sup>Q4ADT</sup> Duplicate Tape #	10/18/79 FJM	7669 1	4800 60
3. DDF Evaluation	10/80 <del>MA</del>		
4. Quality Review	10/80 ↓		
5. Preliminary Data Sort			
6. Preliminary Check	10/80 <del>MA</del>		
7. First User Tape #			
8. Final User Tape #			
9. Final Check	10/80 <del>MA</del>		
10. NAPIS Inventory			
11. DIP Inventory			
12. Data Set 'Finalized'			

All checks run against disk data set.

Disk data set — DIS773\*F005.TR4538

Final — DTMNOE\*MAJ75.F005T4538

RCVD: 9/17/79

B18329

ACCESSION  
NUMBER

19-0295

DATA DOCUMENTATION FORM  
TAPE

R4539

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

F005

FT005

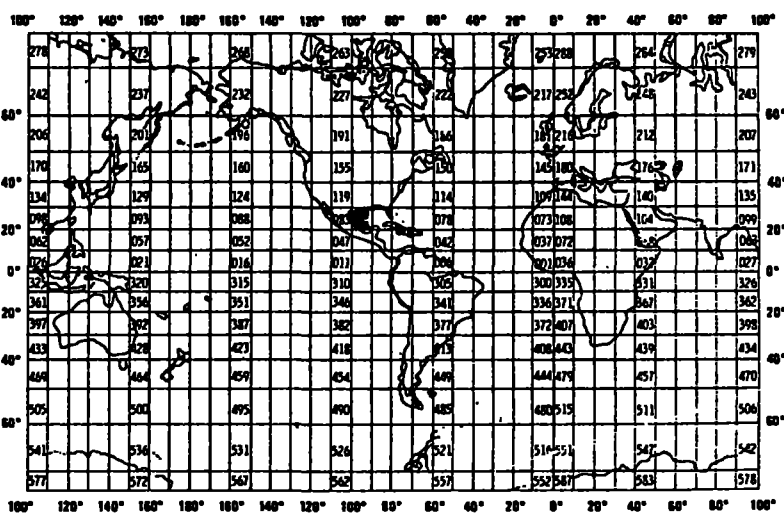
(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 = 100179

## 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 NOI30 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 060139	
4. PLATFORM NAME(S) <del>EE</del> OPENUS	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 6/1/79 6/30/79
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 601-688-2806			

### 8. 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
Water Temp	°C	YSI		
Current Speed	cm/s	Amet Vach		
Direction	degrees of arc			
Conductivity	umho	Plessey 5520-1	converted and reported as salinity ‰	

### 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 ~~off~~ 005 mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

3. ATTRIBUTES AS EXPRESSED IN ☐ PL/I ☐ 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"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input checked="" type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	
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	
13. LENGTH OF BYTES IN BITS	



# RECORD FORMAT DESCRIPTION

9-5-78

## MESA BIGHT FILE TYPE 005

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN  (e.g., bits, 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 "4"
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
SALINITY	36	5	bytes	I5	Parts per Thousand to thousandths
BLANK	41	40	bytes	40 X	
		2			

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0295

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL PGM.
- 3) Track Nos.: 4539

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. 
2. 

III. Processor Name: Mary Lewis

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 70-0295 TR 4539 No of RECORDS = 711

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	B18329	N	60	60	F	
QUADI DUPLICATE	7661	N	60	4800	FB	
REFORMATTED						
FIRST USER	DISK - D15773*F005.TR4539 <del>###</del>					
FINAL USER						
DISK DATA Set	DSN= DMMNOE * MRL 75.F005 T 4539					

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR4539 No of RECORDS = 71.

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18329	N	60	60	F	
QUADI DUPLICATE	7661	N	60	4800	FB	
REFORMATTED						
FIRST USER	DISK - D15773 * F005. TR4539 <del>ATA</del>					
FINAL USER						
DISK DATA Set	DSN = DMMNOE * MRL 75. F005 T 4539					

## Data Set Route Sheet

TR 4539

Accession # 79-0295

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE, LRECL
1. Originator Tape #	9/17/79 FJM	B18329 1	60 60
2. <del>QUAD</del> Duplicate Tape #	10/18/79 FJM	7661 1	4800 60
3. DDF Evaluation	10/80 MRL		
4. Quality Review	10/80 MRL		
5. Preliminary Data Sort			
6. Preliminary Check	10/80 MRL	DISK DSN = D15713 * F005 TR 4539	
7. First User Tape # * 1	NOAE	DISK - D15713 * F005 TR 4539	
8. Final User Tape # *		DISK DSN - DM 106 * MRL 75 F005	
9. Final Check	10/80 MRL		# 74539
10. NAPIS Inventory			
11. DIP Inventory			
12. Data Set 'Finalized'			

RCVD

CARDS

ACCESSION  
NUMBER

79-0295

9/17/79

## DATA DOCUMENTATION FORM

O.K. TR4542  
TR4542NOAA 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

FT001

FOO1

(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=790801

CARD3, DATA

A. ORIGINATOR IDENTIFICATION CARDX3, DATA

## 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 Dept of Envir Sci SwRI 6220 Culebra Rd San Antonio, TX 78284 SOUTHWEST RESEARCH INSTITUTE			
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 061378	
4. PLATFORM NAME(S) Gus III	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S. U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 6/13/78 6/30/78
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) John Tillery 512-684-5111 X2187	

## 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
Macro crustaceans  Trace metals	ug/gm  Wet weight	Perkin Elmer 306 AAS  Flame: Fe, Zn  HGA 2000 Furnace Cd Cu Pb Co Mn Cr Ni  <hr/> Hg	Wet Digestion HNO <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> (3:1)          Cold vapor method	



## 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 001 punched cards

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 J. Foreman 634-7324

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 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 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.

## METALS IN ORGANISMS, SEDIMENT, AND WATER (001)

[illegible]

Error Correction Documentation Form

DATE:

TO:

FROM:

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

79-0295  
TR4542

- 1) File Type: 001
- 2) Project Ident.: BRINE DISPOSAL PGM.
- 3) Track Nos.: 4542

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

*No corrections necessary,  
but ~~used~~ using "control cards"  
ignored stop code and  
concentrations.*

III. Processor Name:

Charles B. Selbit

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR4542

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARD	N	80	80	F	
QUADRIPLICATE	7660	N	80	4800	FB	
REFORMATTED						
FIRST USER	DMNOE XMAP74 FOOT 4542	SL	105	?	FB	4 BLOCKS
FINAL USER	15284	SL	VAR <del>105</del> 48-68	?	VAR <del>FB</del>	FILE <u>8</u> 10 BLOCKS

## Data Set Route Sheet

TR 4542

Accession # 79-0295

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	9/17/79	FJM	CARDS 1	80	80
2. <del>QUAD</del> Duplicate Tape #	10/17/79	FJM	7660 1	4800	80
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check					
7. First User Tape #	10/29/80	CBF	<del>PH NDC 151015</del> FOOT 4542 1	VAR	VAR
8. Final User Tape #	20/36/80	CBF	15284 1	VAR	VAR
9. Final Check					
10. NAPIS Inventory					
11. DIP Inventory					
12. Data Set 'Finalized'					

FINAL DATA ARE ON TAPE 15284  
FILE 8

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO:

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	B/KSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
DUPLICATE	7660	NL	80	4800	FB	
REFORMATTED						
FIRST USER	DMNOEK MPD75 FOOIT4542	SL	105	45 <del>2</del>	FB	4. BLOCKS
FINAL USER	<del>XXXXXXXXXX</del>	<del>ISL</del>	<del>75</del> 68 (VARIABLE)	<del>45</del>	<del>FB</del>	<del>XXXXXXXXXX</del>



>@ED,QU SELKIRK.TAP2DSK  
FILE IN FIELD 1 DISABLED--ACCEPTED  
ED 15R2-WED-10/29/80-13:00:41-(39,40)

E  
0:>LNP!

1:@ASG,T WORK.,F/1//200  
2:@ASG,TJ TAPE.,U9V,000199 . NNNNN = YOUR TAPE NUMBER  
3:@USE OUTPUT,WORK.  
4:@UCAP\$+ABS.FC,CM  
5:M OE  
6:I IBM EBCDIC TAPE  
7:D SDF ASCII OUTPUT CMPOFF  
8:D 0 F 60 1 D 1,1 10,10  
9:R 80,AN  
10:@EDF  
11:@EDF  
12:@FREE TAPE.  
13:@COPY,I WORK.,DMNDE+MPD75.F059T4512

EDF:13

0:>B  
@ASG,TJ TAPE.,U9V,000199 . NNNNN = YOUR TAPE NUMBER

2:>C /000199/007660/  
@ASG,TJ TAPE.,U9V,007660 . NNNNN = YOUR TAPE NUMBER

2:>D  
@ASG,T WORK.,F/1//200

1:>INSERT  
INPUT

2I:>:ASG,TJ TAPE.,U9V,007660

3I:>

E

2:>P 1 2

@ASG,T WORK.,F/1//200

:ASG,TJ TAPE.,U9V,007660

2:>C /:/@/

@ASG,TJ TAPE.,U9V,007660

2:>8

D 0 F 60 1 D 1,1 10,10

8:>C /60/45/

D 0 F 45 1 D 1,1 10,10

8:>9

R 80,AN

9:>C / 80/105/

R 105,AN

9:>13

@COPY,I WORK.,DMNDE+MPD75.F059T4512

13:>C /059T4512/001T4542/

@COPY,I WORK.,DMNDE+MPD75.F001T4542

13:>EXIT

LINES:13 ASCII

>@ADD,L SELKIRK.TAP2DSK

@ASG,T WORK.,F/1//200  
READY

@ ,TJ TAPE.,U9V,007660  
READY

*TAPE TO DISK*

QUSE OUTPUT,WORK.

READY

QUCAP\$\*ABS.FC,CM

FC 5R2 73R1-2 10/29/80 13:08:53

M-OPTION PROVIDES RUN CONTROL AT THE BEGINNING OF DATA SET

TR 4542

M 0E  
I IBM EBCDIC TAPE  
Q SDF ASCII OUTPUT CMPOFF  
D 0 F 45 1 D 1,1 10,10  
R 105,AM  
<<<< (105) (105, 105) <1>

NO DESCRIPTION ERRORS

BEGIN DATA SET 1 AT FILE 1, BLOCK 0

NO LABELS

QLOG SKIP BLOCKS(0-9) OR FILE(F)

QLOG 0

DATA SET RECORD 140 AT FILE 1, BLOCK 4

140 RECORDS FROM 4 BLOCKS IN. 140 RECORDS OUT.

TOTAL NUMBER OF INPUT BYTES = 14700

QLOG CLOSE FILE(F) OR REEL(R) OR END GROUP(E)

QLOG E

ALL GROUPS COMPLETED

QFREE TAPE.

READY

QCOPY;1 WORK.,DMNOE\*MPD75.F001T4542

FURPUR 27R3A

E33 SL73R1 10/29/80 13:10:18

```

>@ED,QU SELKIRK.SCANEC
ED 15R2-FRI-10/31/80-10:13:47-(43,44)
EDIT
0:>C /.,6/.,7/30
@MOVE TAPEDISK.,7
@MOVE TAPEDISK.,7
EDF:15
0:15
5/30 . CONTROL CARDS
15:>C /30/20/
5/20 . CONTROL CARDS
15:>5
@ED,QU DMNDE*MPD75.F050T4508,DISKTAPE.
5:>C /050T4508/001T4542/
@ED,QU DMNDE*MPD75.F001T4542,DISKTAPE.
5:>LNP!
1:@MSG,W PLEASE PUT RING IN TAPE 015284
2:@ASG,T TAPEDISK.,U9V,015284 . OUTPUT SL TAPE
3:@ASG,T DISKTAPE.,F///200
4:@MOVE TAPEDISK.,7
5:@ED,QU DMNDE*MPD75.F001T4542,DISKTAPE.
6:EXI
7:@COPY,GM DISKTAPE.,TAPEDISK. . UTILITY COPY WITH EDF MARK
8:@REWIND TAPEDISK. . TO LOAD POINT
9:@MOVE TAPEDISK.,7
10:@ASG,T DUMMY.,F/200 . ASSIGN TEMP DISK FILE
11:@COPY,G TAPEDISK.,DUMMY. . UTILITY COPY
12:@FREE TAPEDISK. . RELEASE TAPE (OPTIONAL)
13:@USE FLIN,DUMMY . INPUT FILE FOR SCAN
14:@XOT DMUTL*WORK.SCANLIST . FILE SCAN/LIST EXECUTION
15:5/20 . CONTROL CARDS

```

*DISK TO TAPE  
15284 FILE 8*

```

EDF:15
0:>EXIT
LINES:15 ASCII
>@ADD SELKIRK.SCANEC
OK/TTM
READY
FACILITY WARNING 100000000000
FURPUR 27R3A E33 SL73R1 10/31/80 10:17:17
ED 15R2-FRI-10/31/80-10:18:57-(0,1)
EDIT
LINES:140 ASCII
FURPUR 27R3A E33 SL73R1 10/31/80 10:19:00
10 BLOCKS COPIED.
FACILITY WARNING 100000000000
FURPUR 27R3A E33 SL73R1 10/31/80 10:20:39
DM5120*DISKTAPE(0) COPIED ON 10/31/80 AT 10:19:06
10 BLOCKS COPIED.
EDF ENCOUNTERED ON INPUT TAPE
READY
READY

```

SCANLIST \*\*\* A PROGRAM TO SCAN AN SDF DISK FILE  
DETERMINING SIZE IN RECORDS AND LENGTH  
IN CHARACTERS

MAX. INPUT RECORD LENGTH IN THIS VERSION = 14000 BYTES

IN ADDITION THE PROGRAM WILL LIST THE FIRST N RECORDS OF THE FILE AND/OR  
EVERY MTH RECORD. A CONTROL CARD WITH THE FORMAT N/M IS REQUIRED

ENTER N/M VALUES AT PROMPT

THE FIRST 5 RECORDS WILL BE LISTED  
AND EVERY 20 RECORDS IN THE FILE

THE FIRST 5 RECORDS ARE:

```

001TR454216US III 06137806/13/78-06/30/78TILLERY JOHN B SWRI
001TR45422 1 I2 293946N0933747W06/13/78
001TR45424 1 I26177010103CDD1401/05/790.91E-012.84E-01
001TR45424 2 I26177010103CRD1405/18/792.22E-010.67E-01
001TR45424 3 I26177010103CDD1405/29/790.00E+000.00E+00

```



RECORD # 20

001TR45424 6 166177010103PBD1402/06/790.00E-01

RECORD # 40

001TR45424 4 186177010101CUD2102/06/793.26E+012.10E+01

RECORD # 60

001TR45422 1 I14 294020N0932217W06/13/78

RECORD # 80

001TR45424 20 I146177010101ZND2102/06/795.64E+015.36E+01

RECORD # 100

001TR45424 6 I166177010101PBD1402/06/790.00E-01

RECORD # 120

001TR45424 2 II106177010101CRD1405/18/790.83E-01

RECORD # 140

001TR45424 10 II146177010101ZND2102/06/796.45E+01

140 RECORDS FOUND

MINIMUM INPUT RECORD LENGTH WAS 48

MAXIMUM INPUT RECORD LENGTH WAS 68

YOU HAVE ENCOUNTERED A VARIABLE LENGTH FILE!

END OF REPORT...BYE!

>@FIN

RUNID: D15CBS ACCT: DM51208E1659 PROJECT: DM5120

1-D15CBS+MSG: PLEASE PUT RING IN TAPE 015284

1 OK.MOE

LOAD 015284 1/2 TAPEDISK -1 D15CBS

0-D15CBS+MSG: PLEASE PUT RING IN TAPE 015284

1-D15CBS+MSG: PLEASE PUT RING IN TAPE 015284

1 OK/TTM

LOAD 015284 1/2 TAPEDISK -1 D15CBS

TIME: TOTAL: 00:00:47.636 CBSUPS: 005371607

CAU: 00:00:00.883 I/O: 00:00:18.653

CC/ER: 00:00:28.099 WAIT: 00:12:39.841

SUAS USED: \$ 4.11 SUAS REMAINING: \$ 8335.22

SRC: PS= 001069610 ES= 000949761

IMAGES READ: 48 PAGES: 14

START: 09:59:15 OCT 31,1980 FIN: 10:22:27 OCT 31,1980

\*TERMINAL INACTIVE\*

RCVD

CARDS

ACCESSION  
NUMBER

79-0295

9/17/79

## DATA DOCUMENTATION FORM

TR4543

NOAA FORM 24-13  
(4-77)

FT001

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 1-81CARDX 2. DATA  
CARD 2. DATA

F001

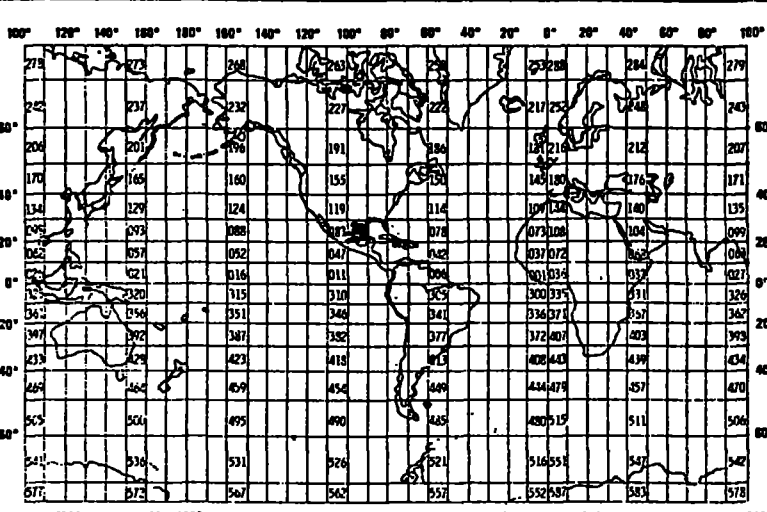
(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 = 790801

## 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 Dept of Envir Sci SRI 6220 Culebra Rd San Antonio, TX 78284			
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 092178	
4. PLATFORM NAME(S) Gus III	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S. U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 9/21/78 11/11/78
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) John Tillery 512-684-5111 X2187			

## 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
Macro crustaceans Trace metals	ug/gm Wet weight	Perkin Elmer 306, AAS Flame: Fe, Zn  HGA 2000 Furnace Cd Cu Pb Co Mn Cr Ni <hr/> Hg	Wet Digestion HNO <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> (3:1)          Cold vapor method	

### 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 001 punched cards

#### 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 J. Foreman 634-7324  
ADDRESS \_\_\_\_\_

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

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

## METALS IN ORGANISMS, SEDIMENT, AND WATER (001)

[illegible]



## Data Set Route Sheet

TR4543

Accession # 79-0295

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	9/17/79	FJM	CARDS 1	105	105
2. <del>Duplicate</del> <sup>QUAD</sup> Tape #	10/16/79	FJM	7656 1	4725	105
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check	11/13/79				
7. First User Tape #					
8. Final User Tape #					
9. Final Check	10/08/80	SK			
10. NAPIS Inventory					
11. DIP Inventory					
12. Data Set 'Finalized'					

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0295

- 1) File Type: 001
- 2) Project Ident.: BRINE DISPOSAL PGM
- 3) Track Nos.: 4543

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
① Blank Fields in day/month/year	① Originator filed tape

II. Additional error corrections:

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

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

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR 4543

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	105	105	F	
QUADL DUPLICATE	7656	N	105	4725	FB	
REFORMATTED						
FIRST USER						
FINAL USER						
DISK	DISSEK* DATA.FOOT 4543		105			
DISK	DN/NOE* MPD75. FOOT 4543		105			

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR 4543

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	B/KSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	105	105	F	
QUAD1 DUPLICATE	7656	N	105	4725	FB	
REFORMATTED						
FIRST USER						
FINAL USER						
DISK	DISK* DATA.FOOT4543		105			
DISK	DNVOE* MPD75. FOOT4543		105			

1:MSG,W PLEASE PUT RING IN TAPE 015284  
2:MSG,T TAPEDISK.,U9V,015284 . OUTPUT SL TAPE  
3:MSG,T DISKTAPE.,F///200  
4:MOVE TAPEDISK.,4  
5:ED,QU DMNDE\*MPD75.F001T4543,DISKTAPE.  
6:EXI  
7:COPY,GM DISKTAPE.,TAPEDISK. . UTILITY COPY WITH EOF MARK  
8:REWIND TAPEDISK. . TO LOAD POINT  
9:MOVE TAPEDISK.,4  
10:MSG,T DUMMY.,F/200 . ASSIGN TEMP DISK FILE  
11:COPY,G TAPEDISK.,DUMMY. . UTILITY COPY  
12:FREE TAPEDISK. . RELEASE TAPE (OPTIONAL)  
13:USE FLIN,DUMMY . INPUT FILE FOR SCAN  
14:Q\*QT DMUTL\*WORK.SCANLIST . FILE SCAN/LIST EXECUTION  
15:5/30 . CONTROL CARDS

EOF:15  
0:>EXIT  
LINES:15 ASCII  
>ADD SELKIRK.SCANEC

TR 4543 is  
on file 5 of 15284

\*WAIT-LAST INPUT IGNORED\*

\*WAIT-LAST INPUT IGNORED\*

\*\*\*INPUT ERROR - RESEND MESSAGE\*\*\*

\*WAIT-LAST INPUT IGNORED\*

OK/TTM

READY

READY

FURPUR 27R3A E33 SL73R1 10/28/80 11:03:13

ED 15R2-TUE-10/28/80-11:05:48-(0,1)

EDIT

LINES:92 ASCII

FURPUR 27R3A E33 SL73R1 10/28/80 11:06:07

1 BLOCK COPIED.

READY

FURPUR 27R3A E33 SL73R1 10/28/80 11:08:01

DM5120\*DISKTAPE(0) COPIED ON 10/28/80 AT 11:06:10

1 BLOCK COPIED.

EOF ENCOUNTERED ON INPUT TAPE

READY

READY

SCANLIST \*\*\* A PROGRAM TO SCAN AN SDF DISK FILE  
DETERMINING SIZE IN RECORDS AND LENGTH  
IN CHARACTERS

MAX. INPUT RECORD LENGTH IN THIS VERSION = 14000 BYTES

IN ADDITION THE PROGRAM WILL LIST THE FIRST N RECORDS OF THE FILE AND/OR  
EVERY MTH RECORD. A CONTROL CARD WITH THE FORMAT N/M IS REQUIRED

ENTER N/M VALUES AT PROMPT

THE FIRST 5 RECORDS WILL BE LISTED  
AND EVERY 30 RECORDS IN THE FILE

THE FIRST 5 RECORDS ARE:

001TR45431GUS III 09217809/21/78-11/11/78TILLERY JOHN B SWRI  
001TR45432 1 12 293946N0933747W09/21/78  
001TR45434 1 126177010103CDD1401/05/790.52E-01  
001TR45434 2 126177010103CRD1405/18/794.60E-01  
001TR45434 3 126177010103CDD1405/29/790.00E+00

RECORD # 30

001TR45434 16 186177010101PBD1402/06/790.00E-01

RECORD # 60

001TR45432 1 118 290542N0914736W09/21/78

RECORD # 90

001TR45434 8 1106177010101NID1406/19/798.19E-01

92 RECORDS FOUND  
MINIMUM INPUT RECORD LENGTH WAS 44  
MAXIMUM INPUT RECORD LENGTH WAS 68  
YOU HAVE ENCOUNTERED A VARIABLE LENGTH FILE!

END OF REPORT...BYE!

19-0295

## TAPE ASSIGNMENT SHEET

(MRL) 11/6/78 144  
No. of recs = 144

ACCESSION NO: 79-0295

TR4544

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
QUADRIPLICATE	7654	N	80	4800	FB	
REFORMATTED						
FIRST USER	DSN=DIS 773*F005. TR4544					
FINAL USER	DSN=DMNOX MAD 75 F02/14544					

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0295

- 1) File Type: 021
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: 4544

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

Station NO: B091 - Recorder types 1 + two (2) were  
~~into~~ in reverse order.  
Re-entered rec. type 2 - deleted old rec type 2.

III. Processor Name: Mary R Lewis

# TAPE ASSIGNMENT SHEET

(MRL) 11/6/78 1444  
~~NO. of REC = 1444~~

ACCESSION NO: 79-0295

TR4544

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
QUAD DUPLICATE	7654	N	80	4800	FB	
REFORMATTED						
FIRST USER	DSN=DIS773*F005. TR4544					
FINAL USER	DSN=DMNO*MA075.F021T4544					



## Data Set Route Sheet

TR 4544

Accession # 79-0295

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	9/17/79	FJM	CARDS	1	80
2. <del>QUAD</del> Duplicate Tape #	10/16/79	FJM	7654	1	4800
3. DDF Evaluation					
4. Quality Review	10/14/80	MRL			
5. Preliminary Data Sort					
6. Preliminary Check	10/14/80	MRL	DISK*		
7. First User Tape #	—	↓	↓		
8. Final User Tape #	—	↓	↓		
9. Final Check	10/15/80	↓	↓		
10. NAPIS Inventory					
11. DIP Inventory					
12. Data Set 'Finalized'					

\*DIS 773\* F021. TR 4544 copied to,  
 DATA SET NAME = DMNOE \* MPD 75. F021 T4544

RCVD: 9/17/79

CARDS

ACCESSION  
NUMBER

79-0295

## DATA DOCUMENTATION FORM

TR4544

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

CARD 1 . DATA

F021

(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.)

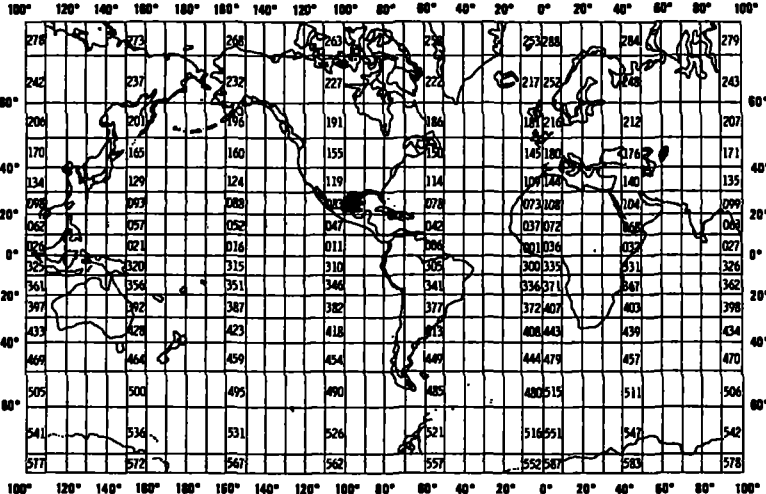
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, 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.

FT021

FILE ID = 790607

## 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 Energy Resources Co., Inc. 185 Alewife Brook Pkwy Cambridge, Mass 02138			
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 781003	
4. PLATFORM NAME(S) Gus III	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 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 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) Keith Hawknecht 617-661-3111			

## 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	700	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	$\phi$ 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
Total Suspended matter	mg/l			
Particle size distribution				
Suspended particles	cumulative %			
TOC	mg/g			

## 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 021 , cards

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

J. Foreman

ADDRESS

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

## 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: TRACE METALS (021)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>(Station/Sample Header)</u>				
File Type	1	3	A3	Always '021'
File Identifier	4	6	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	A1	Always '1'
Sequence Number	11	3	I3	Ascending order for sorting
Station Number	14	5	A5	
Latitude,				
Degrees	19	2	I2	
Minutes	21	2	I2	
Seconds	23	2	I2	
Hemisphere	25	1	A1	'N' or 'S'
Longitude,				
Degrees	26	3	I3	
Minutes	29	2	I2	
Seconds	31	2	I2	
Hemisphere	33	1	A1	'E' or 'W'
Sample Collection				
Date-Time				All time information is GMT
Year	34	2	I2	00 to 99
Month	36	2	I2	01 to 12
Day	38	2	I2	01 to 31
Hour	40	2	I2	00 to 23
Minutes	42	2	I2	00 to 59
Depth to Bottom	44	5	I5	Whole meters
Sphere Code	49	1	A1	
Blank	50	31	31X	
<u>Text</u>				
File Type	1	3	A3	Always '021'
File Identifier	4	6	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	A1	Always '2'
Sequence Number	11	3	I3	Ascending order for sorting
Station Number	14	5	A5	
Text	19	62	62A1	Any descriptive alpha-numeric information
<u>Data Type I</u>				
File Type	1	3	A3	Always '021'
File Identifier	4	6	A6	'YYMMDD' = date of file creation or unique cruise number



FORMAT DESCRIPTION: TRACE METALS (021)

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

Data Type I (continued)

Record Type	10	1	A1	Always '3'
Sequence Number	11	3	I3	Ascending order for sorting
Station Number	14	5	A5	
Sample Depth	19	4	I4	Whole meters
<del>Replicate Number</del>	<del>23</del>	<del>1</del>	<del>I1</del>	
<del>Lab Sample Number</del>	<del>24</del>	<del>4</del>	<del>I4</del>	
<del>Nephelo</del>	<del>28</del>	<del>5</del>	<del>I5</del>	<del>Whole kls</del>
Total Suspended Matter (TSM)	33	6	I6	Micrograms per liter
<del>Total Particulate Carbon (TPC)</del>	<del>39</del>	<del>5</del>	<del>I5</del>	<del>% by weight to thousandths</del>
<del>Trace Code</del>	<del>44</del>	<del>1</del>	<del>A1</del>	<del>*</del>
<del>Total Particulate Nitrogen (TPN)</del>	<del>45</del>	<del>5</del>	<del>I5</del>	<del>% by weight to thousandths</del>
<del>Trace Code</del>	<del>50</del>	<del>1</del>	<del>A1</del>	<del>*</del>
<del>Magnesium Oxide (MgO)</del>	<del>51</del>	<del>5</del>	<del>I5</del>	<del>% by weight to thousandths</del>
<del>Trace Code</del>	<del>56</del>	<del>1</del>	<del>A1</del>	<del>*</del>
<del>Aluminum Trioxide (Al<sub>2</sub>O<sub>3</sub>)</del>	<del>57</del>	<del>5</del>	<del>I5</del>	<del>% by weight to thousandths</del>
<del>Trace Code</del>	<del>62</del>	<del>1</del>	<del>A1</del>	<del>*</del>
<del>Silicone Dioxide (SiO<sub>2</sub>)</del>	<del>63</del>	<del>5</del>	<del>I5</del>	<del>% by weight to thousandths</del>
<del>Trace Code</del>	<del>68</del>	<del>1</del>	<del>A1</del>	<del>*</del>
<del>Potassium Oxide (K<sub>2</sub>O)</del>	<del>69</del>	<del>5</del>	<del>I5</del>	<del>% by weight to thousandths</del>
<del>Trace Code</del>	<del>74</del>	<del>1</del>	<del>A1</del>	<del>*</del>
<del>Calcium Oxide (CaO)</del>	<del>75</del>	<del>5</del>	<del>I5</del>	<del>% by weight to thousandths</del>
<del>Trace Code</del>	<del>80</del>	<del>1</del>	<del>A1</del>	<del>*</del>

Data Type II

NOT USED FOR THIS DATA SET

File Type	1	3	A3	Always '021'
File Identifier	4	6	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	A1	Always '4'
Sequence Number	11	3	I3	Ascending order for sorting
Station Number	14	5	A5	
Sample Depth	19	4	I4	Whole meters
Replicate Number	23	1	I1	
Lab Sample Number	24	4	I4	
Titanium Dioxide (TiO <sub>2</sub> )	28	5	B-021-02 I5	% by weight to thousandths

# FORMAT DESCRIPTION: TRACE METALS (021)

Field Name	Position from - 1 measured in <u>Bytes</u>	Length in Bytes	Code	Use and Meaning
<u>Data Type II (continued)</u>				
Trace Code	33	1	A1	*
Total Chromium	34	6	I6	Parts per million by-weight to tenths
Trace Code	40	1	A1	*
Total Manganese	41	5	I5	Parts per million by weight to tenths
Trace Code	46	1	A1	*
Total Iron	47	5	I5	% by weight to thousandths
Trace Code	52	1	A1	*
Total Nickel	53	5	I5	Parts per million by weight to tenths
Trace Code	58	1	A1	*
Total Copper	59	5	I5	Parts per million by weight to tenths
Trace Code	64	1	A1	*
Total Zinc	65	5	I5	Parts per million by weight to tenths
Trace Code	70	1	A1	*
Total Lead	71	5	I5	Parts per million by weight to tenths
Trace Code	76	1	A1	*
Blank	77	4	4X	
				* Trace code - to be used when no concentrations recorded
				' ' = no information
				'1' = trace found but too small to measure
				'2' = measurement beyond limits of instrumen- tation

# NOT USED FOR THIS DATASET

## FORMAT DESCRIPTION: TRACE METALS (021)

Field Name	Position from -1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Data Type III</u>				
File Type	1	3	A3	'021'
File Identifier	4	6	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	A1	'5'
Sequence Number	11	3	I3	Ascending order for sorting
Station Number	14	5	A5	
Sample Depth	19	4	I4	Whole meters
Replicate Number	23	1	I1	
Lab Sample Number	24	4	I4	
Nephels	28	5	I5	kHz to hundredths
Total Suspended Matter (TSM)	33	6	I6	Micrograms per liter
Total Particulate Carbon (TPC)	39	5	I5	% by weight to thousandths
Trace Code	44	1	A1	*
Total Particulate Nitrogen (TPN)	45	5	I5	% by weight to thousandths
Trace Code	50	1	A1	*
Magnesium Oxide (MgO)	51	5	I5	% by weight to thousandths
Trace Code	56	1	A1	*
Aluminum Trioxide (Al <sub>2</sub> O <sub>3</sub> )	57	5	I5	% by weight to thousandths
Trace Code	62	1	A1	*
Silicone Dioxide (SiO <sub>2</sub> )	63	5	I5	% by weight to thousandths
Trace Code	68	1	A1	*
Potassium Oxide (K <sub>2</sub> O)	69	5	I5	% by weight to thousandths
Trace Code	74	1	A1	*
Calcium Oxide (CaO)	75	5	I5	% by weight to thousandths
Trace Code	80	1	A1	*
				* Trace code - to be used when no concentrations recorded
				Blank = no information
				'1' = trace found but too small to measure
				'2' = measurement beyond limits of instrumentation

## RECORD FORMAT DESCRIPTION

RECORD NAME Trace Metals (Data IV)

2-27-79

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '021'
File Identifier	4	6	Bytes	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	Bytes	A1	Always '6'
Sequence Number	11	3	Bytes	I3	Ascending order for sorting
Station Number	14	5	Bytes	A5	
Sample Depth	19	4	Bytes	14	Whole meters
Replicate Number	23	1	Bytes	I1	
Lab Sample Number	24	4	Bytes	I4	
Magnesium	28	5	Bytes	I5	µg/l
Trace Code	33	1	Bytes	A1	*
Cadmium	34	5	Bytes	I5	µg/l
Trace Code	39	1	Bytes	A1	*
Mercury	40	5	Bytes	I5	µg/l
Trace Code	45	1	Bytes	A1	*
Total Phosphorous	46	5	Bytes	I5	mg/l
Trace Code	51	1	Bytes	A1	*
ATP (adenosine Triphosphate)	52	5	Bytes	I5	ng/l (nanograms/liter)
Trace Code	57	1	Bytes	A1	*
Total Organic Carbon	58	5	Bytes	I5	% by weight to thousandths
Trace Code	63	1	Bytes	A1	*
Cadmium	64	5	Bytes	I5	Parts per million by weight to tenths
Trace Code	69	1	Bytes	A1	*
Mercury	70	5	Bytes	I5	Parts per million by weight to tenths

# FORMAT DESCRIPTION: TRACE METALS (021)

Field Name	Position from -1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<b>Particle Size 1</b>				
File Type	1	3	A3	'021'
File Identifier	4	6	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	A1	'A'
Sequence Number	11	3	I3	Ascending order for sorting
Station Number	14	5	A5	
Sample Depth	19	4	I4	Whole meters
Replicate Number	23	1	I1	
Lab Sample Number	24	4	A4	Originator's internal number
Coccoliths	28	3	I3	Percent to tenths
Diatoms	31	3	I3	Percent to tenths
Aggregates	34	3	I3	Percent to tenths
Mineral Grains and Fragments	37	3	I3	Percent to tenths
Particle Sizes				All particle size units are cumulative percent to tenths
< 1.29μ	40	3	I3	
< 1.38μ	43	3	I3	
< 1.47μ	46	3	I3	
< 1.57μ	49	3	I3	
< 1.68μ	52	3	I3	
< 1.79μ	55	3	I3	
< 1.91μ	58	3	I3	
< 2.04μ	61	3	I3	
< 2.18μ	64	3	I3	
< 2.33μ	67	3	I3	
< 2.48μ	70	3	I3	
< 2.65μ	73	3	I3	
< 2.83μ	76	3	I3	
Blank	79	2	2x	

# FORMAT DESCRIPTION: TRACE METALS (021)

Field Name	Position from -1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<b>Particle Size 2</b>				
File Type	1	3	A3	'021'
File Identifier	4	6	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	A1	'B'
Sequence Number	11	3	I3	Ascending order for sorting.
Station Number	14	5	A5	
Sample Depth	19	4	I4	Whole meters
Replicate Number	23	1	I1	
Lab Sample Number	24	4	A4	Originator's internal number
Particle Sizes				Cumulative percent to tenths
< 3.02μ	28	3	I3	
< 3.22μ	31	3	I3	
< 3.44μ	34	3	I3	
< 3.67μ	37	3	I3	
< 3.92μ	40	3	I3	
< 4.18μ	43	3	I3	
< 4.46μ	46	3	I3	
< 4.77μ	49	3	I3	
< 5.09μ	52	3	I3	
< 5.43μ	55	3	I3	
< 5.80μ	58	3	I3	
< 6.19μ	61	3	I3	
< 6.60μ	64	3	I3	
< 7.05μ	67	3	I3	
< 7.52μ	70	3	I3	
< 8.03μ	73	3	I3	
< 8.57μ	76	3	I3	
Blank	79	2	2x	

FORMAT DESCRIPTION: TRACE METALS (021)

Field Name	Position from -1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<b>Particle Size 3</b>				
File Type	1	3	A3	'021'
File Identifier	4	6	A6	'YYMMDD' = date of file creation or unique cruise number 'C'
Record Type	10	1	A1	
Sequence Number	11	3	I3	Ascending order for sorting
Station Number	14	5	A5	
Sample Depth	19	4	I4	Whole meters
Replicate Number	23	1	I1	
Sub Sample Number	24	4	A4	Originator's internal number
Particle Sizes				Cumulative percent to tenths
< 9.15μ	28	3	I3	
< 9.76μ	31	3	I3	
< 10.42μ	34	3	I3	
< 11.12μ	37	3	I3	
< 11.87μ	40	3	I3	
< 12.67μ	43	3	I3	
< 13.53μ	46	3	I3	
< 14.44μ	49	3	I3	
< 15.41μ	52	3	I3	
< 16.45μ	55	3	I3	
< 17.56μ	58	3	I3	
< 18.74μ	61	3	I3	
< 20.00μ	64	3	I3	
< 21.35μ	67	3	I3	
< 22.79μ	70	3	I3	
< 24.32μ	73	3	I3	
< 25.96μ	76	3	I3	
Blank	79	2	2x	

## RECORD FORMAT DESCRIPTION

RECORD NAME Trace Metals (Particle Size Record)

4-30-79

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	19. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '021'
File Identifier	4	6	Bytes	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	Bytes	A1	Always 'D'
Sequence Number	11	3	Bytes	I3	Ascending order for sorting
Station Number	14	5	Bytes	A5	
Sample Depth	19	4	Bytes	I4	Whole meters
<del>Replicate Number</del>	<del>23</del>	<del>1</del>	<del>Bytes</del>	<del>I1</del>	
<del>Lab Sample Number</del>	<del>24</del>	<del>4</del>	<del>Bytes</del>	<del>A4</del>	<del>Originator's internal number</del>
Particle Sizes					Cumulative percent to tenths
<del>&lt;27.71 <math>\mu</math></del>	<del>28</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	Cumulative percent to tenths
<del>&lt;29.57 <math>\mu</math></del>	<del>31</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	
<del>&lt;31.56 <math>\mu</math></del>	<del>34</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	
<del>&lt;33.68 <math>\mu</math></del>	<del>37</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	
<del>&lt;35.96 <math>\mu</math></del>	<del>40</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	
<del>&lt;38.38 <math>\mu</math></del>	<del>43</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	
<del>&lt;40.96 <math>\mu</math></del>	<del>46</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	
<del>&lt;43.72 <math>\mu</math></del>	<del>49</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	
<del>&lt;46.66 <math>\mu</math></del>	<del>52</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	
Blank	55	26	Bytes	26X	



RCVD

CARDS

ACCESSION  
NUMBER

M9-0295

9.17/79

DOF A:2:14

## DATA DOCUMENTATION FORM

TR4583-4795

AA FORM 24-13  
(77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 2023

TR 6485

TR 6371-6428

FORM APPROVED  
2-NOR No. 41-R2651  
EXRES 1-81

FT005

File ID - 790901 - F005

(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.)

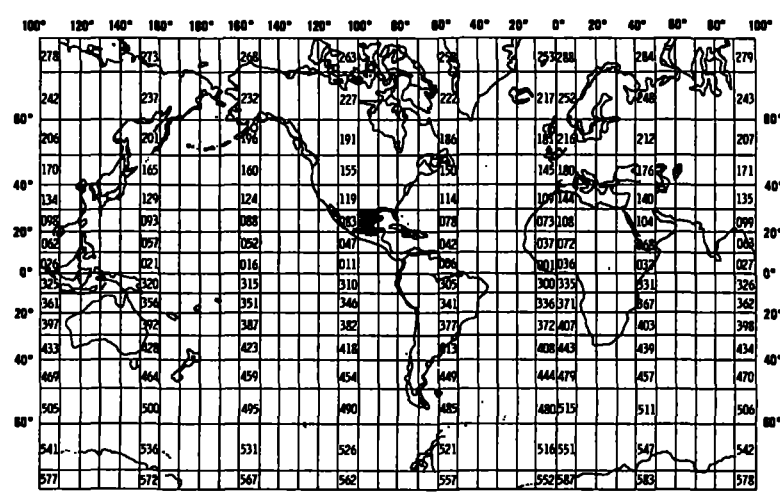
TRACK No's

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.

CARDX5.DAT

## 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 Texas A&M University Envir Eng Div College Station, TX 77843			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - Brine Disposal Analysis Proj		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 091578 022578 062078 102078 032378 071878 111478 04478 083078 121878 052578 111778 020378 121578	
4. PLATFORM NAME(S) R/V Excellence	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) R/V	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 9/15/78 12/18/78
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. Ray W. Hann, Jr. Proj. Man			

## 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/sec Degrees of arc	{ Hydro products model 451 & 452		
Conductivity	muho/cm	Hydro lab TC-2 - reported as salinity		
Temp	°C	" "		

## 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, punched cards

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

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

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

## 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

4. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, 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
LATHEN	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
<del>WATER</del>	<del>35</del>	<del>4</del>	<del>bytes</del>	<del>I4</del>	<del>Depth in Meters to tenths</del>
<del>SERIAL</del>	<del>39</del>	<del>4</del>	<del>bytes</del>	<del>A4</del>	
<del>NUMBER</del>	<del>43</del>	<del>18</del>	<del>bytes</del>	<del>18x</del>	
BLANK	43	18	bytes	18x	
<u>Data Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "4"
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
SALINITY	36	5	bytes	I5	Parts per Thousand to thousandths
BLANK	41	40	bytes	40 X	

## Data Set Route Sheet

Accession # 79-0295

TR 4583-4795

Step	Completion Date/Init	Tape #, # of Files	BLKSIZE, LECT
1. Originator Tape #	9/17/79 FJM	CARDS 1	60 60
2. <del>QUASI</del> Duplicate Tape #	11/06/79 FJM	7653 2	4800 60
3. DDF Evaluation			
4. Quality Review			
5. Preliminary Data Sort			
6. Preliminary Check	6/23/80 YMD	7653 2	4800 60
7. First User Tape #	7/23/80 YMD	3753 1	4800 60
8. Final User Tape #	8/1/80 YMD	2288 1	4800 60
9. Final Check	7/30/80 YMD	3753 1	4800 60
10. NAPIS Inventory			
11. DIP Inventory			
12. Data Set 'Finalized'			



Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0295

- 1) File Type: 005  
2) Project Ident.: BRINE DISPOSAL PGM.  
3) Track Nos.: 4583-4795  
6485  
6371-6428

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
-99 -999 } FILLING FOR MISSING DATA	✓ (FJM)

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
<del>Multi stations</del> <del>Stations repeated</del>	

III. Processor Name: Gerald M. Ramon

# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0295 TR4583-4795

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	60	60	F	
QUADRI DUPLICATE	7653	N	60	4800	FB	
REFORMATTED						
FIRST USER	3753	N	60	4800	FB	
FINAL USER	2288	N	60	4800	FB	

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
-----	-----	-----	-----	-----	-----	-----	-----	-----
7900295	F005	TR4533	0093	312K	317F	1978/03/18	790901	309951
7900295	F005	TR4534	0093	312K	317F	1978/03/18	790901	309952
7900295	F005	TR4535	0093	312K	317F	1978/05/25	790901	309953
7900295	F191	TR4537	0093	313B	317F	1979/06/01	100179	309954
7900295	F005	TR4538	0093	313B	317F	1979/05/01	90179	309955
7900295	F005	TR4539	0093	313B	317F	1979/06/01	100179	309956
7900295	F144	TR4542	0093	312L	31G3	1978/06/13	790801	309957
7900295	F144	TR4543	0093	312L	31G3	1978/09/21	790801	309958
7900295	F144	TR4544	0093	31X7	31G3	1978/10/03	790607	309959
7900295	F005	TR4719	0093	3124	32L7	1977/10/21	791037	310096
7900295	F005	TR4720	0093	3124	32L7	1977/09/16	791038	310097
7900295	F005	TR4721	0093	3124	32L7	1977/10/21	791039	310098
7900295	F005	TR4722	0093	3124	32L7	1977/09/16	791040	310099
7900295	F005	TR4723	0093	3124	32L7	1977/09/16	791041	310100
7900295	F005	TR4724	0093	3124	32L7	1977/12/19	791042	310101
7900295	F005	TR4725	0093	3124	32L7	1977/09/16	791043	310102
7900295	F005	TR4726	0093	3124	32L7	1977/12/19	791044	310103
7900295	F005	TR4727	0093	3124	32L7	1977/09/15	791045	310104
7900295	F005	TR4728	0093	3124	32L7	1978/02/04	791046	310105
7900295	F005	TR4729	0093	3124	32L7	1977/09/15	791047	310106
7900295	F005	TR4730	0093	3124	32L7	1977/09/15	791048	310107
7900295	F005	TR4731	0093	3124	32L7	1977/09/15	791049	310108
7900295	F005	TR4732	0093	3124	32L7	1977/09/15	791050	310109
7900295	F005	TR4733	0093	3124	32L7	1978/02/26	791051	310110
7900295	F005	TR4734	0093	3124	32L7	1977/09/15	791052	310111
7900295	F005	TR4735	0093	3124	32L7	1977/09/15	791053	310112
7900295	F005	TR4736	0093	3124	32L7	1977/10/21	791054	310113
7900295	F005	TR4737	0093	3124	32L7	1977/12/19	791055	310114
7900295	F005	TR4738	0093	3124	32L7	1977/09/15	791056	310115
7900295	F005	TR4739	0093	3124	32L7	1977/10/21	791057	310116
7900295	F005	TR4740	0093	3124	32L7	1978/02/26	791058	310117
7900295	F005	TR4741	0093	3124	32L7	1977/12/19	791059	310118
7900295	F005	TR4742	0093	3124	32L7	1977/09/15	791060	310119
7900295	F005	TR4743	0093	3124	32L7	1977/10/21	791061	310120
7900295	F005	TR4744	0093	3124	32L7	1978/02/26	791062	310121
7900295	F005	TR4745	0093	3124	32L7	1977/09/15	791063	310122
7900295	F005	TR4746	0093	3124	32L7	1978/02/26	791064	310123
7900295	F005	TR4747	0093	3124	32L7	1977/09/15	791065	310124
7900295	F005	TR4748	0093	3124	32L7	1977/09/15	791066	310125
7900295	F005	TR4749	0093	3124	32L7	1978/02/26	791067	310126
7900295	F005	TR4750	0093	3124	32L7	1977/09/15	791068	310127
7900295	F005	TR4751	0093	3124	32L7	1977/09/15	791069	310128
7900295	F005	TR4752	0093	3124	32L7	1977/09/15	791070	310129
7900295	F005	TR4753	0093	3124	32L7	1978/02/26	791071	310130
7900295	F005	TR4754	0093	3124	32L7	1977/09/15	791072	310131
7900295	F005	TR4755	0093	3124	32L7	1977/09/15	791073	310132
7900295	F005	TR4756	0093	3124	32L7	1977/12/19	791074	310133
7900295	F005	TR4757	0093	3124	32L7	1978/04/19	791075	310134
7900295	F005	TR4758	0093	3124	32L7	1978/06/20	791076	310135
7900295	F005	TR4759	0093	3124	32L7	1978/04/19	791077	310136
7900295	F005	TR4760	0093	3124	32L7	1978/05/25	791078	310137
7900295	F005	TR4761	0093	3124	32L7	1978/06/20	791079	310138
7900295	F005	TR4762	0093	3124	32L7	1978/04/19	791080	310139
7900295	F005	TR4763	0093	3124	32L7	1978/05/26	791081	310140
7900295	F005	TR4764	0093	3124	32L7	1978/05/26	791082	310141
7900295	F005	TR4765	0093	3124	32L7	1978/05/26	791083	310142
7900295	F005	TR4766	0093	3124	32L7	1978/02/03	791084	310143

7900295	F005	TR4767	0093	3124	32L7	1978/04/21	791085	310144
7900295	F005	TR4768	0093	3124	32L7	1978/06/20	791086	310145
7900295	F005	TR4769	0093	3124	32L7	1978/02/03	791087	310146
7900295	F005	TR4770	0093	3124	32L7	1978/06/20	791088	310147
7900295	F005	TR4771	0093	3124	32L7	1978/02/03	791089	310148
7900295	F005	TR4773	0093	3124	32L7	1978/06/20	791091	310149
7900295	F005	TR4774	0093	3124	32L7	1978/04/19	791092	310150
7900295	F005	TR4775	0093	3124	32L7	1978/06/20	791093	310151
7900295	F005	TR4776	0093	3124	32L7	1978/04/19	791094	310152
7900295	F005	TR4777	0093	3124	32L7	1978/11/17	791095	310153
7900295	F005	TR4778	0093	3124	32L7	1978/11/17	791096	310154
7900295	F005	TR4779	0093	3124	32L7	1978/11/17	791097	310155
7900295	F005	TR4780	0093	3124	32L7	1978/04/19	791098	310156
7900295	F005	TR4781	0093	3124	32L7	1978/06/20	791099	310157
7900295	F005	TR4782	0093	3124	32L7	1978/04/19	791100	310158
7900295	F005	TR4783	0093	3124	32L7	1978/06/20	791101	310159
7900295	F005	TR4784	0093	3124	32L7	1978/04/19	791102	310160
7900295	F005	TR4785	0093	3124	32L7	1978/06/20	791103	310161
7900295	F005	TR4786	0093	3124	32L7	1978/04/19	791104	310162
7900295	F005	TR4787	0093	3124	32L7	1978/06/20	791105	310163
7900295	F005	TR4788	0093	3124	32L7	1978/04/19	791106	310164
7900295	F005	TR4789	0093	3124	32L7	1978/06/20	791107	310165
7900295	F005	TR4790	0093	3124	32L7	1978/04/19	791108	310166
7900295	F005	TR4791	0093	3124	32L7	1978/05/26	791109	310167
7900295	F005	TR4792	0093	3124	32L7	1978/11/17	791110	310168
7900295	F005	TR4793	0093	3124	32L7	1978/05/26	791111	310169
7900295	F005	TR4794	0093	3124	32L7	1978/05/26	791112	310170
7900295	F005	TR4795	0093	3124	32L7	1978/11/17	791113	310171
7900295	F005	TR6485	0093	3124	32L7	1978/02/26	NULL	310172
7900295	F005	TR6371	0093	3124	32L7	1977/09/15	NULL	310173
7900295	F005	TR6372	0093	3124	32L7	1978/02/26	NULL	310174
7900295	F005	TR6373	0093	3124	32L7	1977/09/15	NULL	310175
7900295	F005	TR4772	0093	3124	32L7	1978/06/20	791090	327073
7900295	F005	TR4583	0093	3124	32L7	1977/09/16	790901	309960
7900295	F005	TR4584	0093	3124	32L7	1977/09/16	790902	309961
7900295	F005	TR4585	0093	3124	32L7	1977/09/16	790903	309962
7900295	F005	TR4586	0093	3124	32L7	1977/12/18	790904	309963
7900295	F005	TR4587	0093	3124	32L7	1977/09/17	790905	309964
7900295	F005	TR4588	0093	3124	32L7	1977/09/17	790906	309965
7900295	F005	TR4589	0093	3124	32L7	1977/09/17	790907	309966
7900295	F005	TR4590	0093	3124	32L7	1977/09/17	790908	309967
7900295	F005	TR4591	0093	3124	32L7	1977/10/20	790909	309968
7900295	F005	TR4592	0093	3124	32L7	1977/09/17	790910	309969
7900295	F005	TR4593	0093	3124	32L7	1977/10/20	790911	309970
7900295	F005	TR4594	0093	3124	32L7	1977/09/17	790912	309971
7900295	F005	TR4595	0093	3124	32L7	1977/09/17	790913	309972
7900295	F005	TR4596	0093	3124	32L7	1977/10/20	790914	309973
7900295	F005	TR4597	0093	3124	32L7	1977/09/17	790915	309974
7900295	F005	TR4598	0093	3124	32L7	1977/10/20	790916	309975
7900295	F005	TR4599	0093	3124	32L7	1977/09/17	790917	309976
7900295	F005	TR4600	0093	3124	32L7	1977/10/20	790918	309977
7900295	F005	TR4601	0093	3124	32L7	1977/09/17	790919	309978
7900295	F005	TR4602	0093	3124	32L7	1977/10/20	790920	309979
7900295	F005	TR4603	0093	3124	32L7	1977/09/17	790921	309980
7900295	F005	TR4604	0093	3124	32L7	1977/10/20	790922	309981
7900295	F005	TR4605	0093	3124	32L7	1977/09/17	790923	309982
7900295	F005	TR4606	0093	3124	32L7	1978/02/26	790924	309983
7900295	F005	TR4607	0093	3124	32L7	1977/10/20	790925	309984
7900295	F005	TR4608	0093	3124	32L7	1977/09/17	790926	309985
7900295	F005	TR4609	0093	3124	32L7	1978/02/26	790927	309986

7900295	F005	TR4610	0093	3124	32L7	1977/09/17	790928	309987
7900295	F005	TR4611	0093	3124	32L7	1977/09/17	790929	309988
7900295	F005	TR4612	0093	3124	32L7	1978/02/26	790930	309989
7900295	F005	TR4613	0093	3124	32L7	1977/10/20	790931	309990
7900295	F005	TR4614	0093	3124	32L7	1977/09/16	790932	309991
7900295	F005	TR4615	0093	3124	32L7	1978/03/23	790933	309992
7900295	F005	TR4616	0093	3124	32L7	1977/09/16	790934	309993
7900295	F005	TR4617	0093	3124	32L7	1978/02/03	790935	309994
7900295	F005	TR4618	0093	3124	32L7	1978/03/23	790936	309995
7900295	F005	TR4619	0093	3124	32L7	1977/09/16	790937	309996
7900295	F005	TR4620	0093	3124	32L7	1978/02/03	790938	309997
7900295	F005	TR4621	0093	3124	32L7	1978/02/03	790939	309998
7900295	F005	TR4622	0093	3124	32L7	1977/09/16	790940	309999
7900295	F005	TR4623	0093	3124	32L7	1977/10/20	790941	310000
7900295	F005	TR4624	0093	3124	32L7	1977/09/16	790942	310001
7900295	F005	TR4625	0093	3124	32L7	1977/10/20	790943	310002
7900295	F005	TR4626	0093	3124	32L7	1978/03/23	790944	310003
7900295	F005	TR4627	0093	3124	32L7	1977/09/16	790945	310004
7900295	F005	TR4628	0093	3124	32L7	1977/10/20	790946	310005
7900295	F005	TR4629	0093	3124	32L7	1977/09/16	790947	310006
7900295	F005	TR4630	0093	3124	32L7	1978/02/03	790948	310007
7900295	F005	TR4631	0093	3124	32L7	1977/09/16	790949	310008
7900295	F005	TR4632	0093	3124	32L7	1978/02/03	790950	310009
7900295	F005	TR4633	0093	3124	32L7	1977/09/16	790951	310010
7900295	F005	TR4634	0093	3124	32L7	1978/02/03	790952	310011
7900295	F005	TR4635	0093	3124	32L7	1977/09/16	790953	310012
7900295	F005	TR4636	0093	3124	32L7	1978/02/03	790954	310013
7900295	F005	TR4637	0093	3124	32L7	1977/10/20	790955	310014
7900295	F005	TR4638	0093	3124	32L7	1977/09/16	790956	310015
7900295	F005	TR4639	0093	3124	32L7	1978/06/20	790957	310016
7900295	F005	TR4640	0093	3124	32L7	1977/10/20	790958	310017
7900295	F005	TR4641	0093	3124	32L7	1978/02/03	790959	310018
7900295	F005	TR4642	0093	3124	32L7	1977/09/16	790960	310019
7900295	F005	TR4643	0093	3124	32L7	1978/06/20	790961	310020
7900295	F005	TR4644	0093	3124	32L7	1977/10/20	790962	310021
7900295	F005	TR4645	0093	3124	32L7	1978/02/03	790963	310022
7900295	F005	TR4646	0093	3124	32L7	1978/02/03	790964	310023
7900295	F005	TR4647	0093	3124	32L7	1977/09/16	790965	310024
7900295	F005	TR4648	0093	3124	32L7	1978/02/03	790966	310025
7900295	F005	TR4649	0093	3124	32L7	1977/09/16	790967	310026
7900295	F005	TR4650	0093	3124	32L7	1978/02/25	790968	310027
7900295	F005	TR4651	0093	3124	32L7	1977/09/16	790969	310028
7900295	F005	TR4652	0093	3124	32L7	1978/04/19	790970	310029
7900295	F005	TR4653	0093	3124	32L7	1977/10/20	790971	310030
7900295	F005	TR4654	0093	3124	32L7	1978/02/03	790972	310031
7900295	F005	TR4655	0093	3124	32L7	1977/09/16	790973	310032
7900295	F005	TR4656	0093	3124	32L7	1978/06/21	790974	310033
7900295	F005	TR4657	0093	3124	32L7	1978/04/19	790975	310034
7900295	F005	TR4658	0093	3124	32L7	1977/10/20	790976	310035
7900295	F005	TR4659	0093	3124	32L7	1978/02/03	790977	310036
7900295	F005	TR4660	0093	3124	32L7	1977/09/16	790978	310037
7900295	F005	TR4661	0093	3124	32L7	1978/06/21	790979	310038
7900295	F005	TR4662	0093	3124	32L7	1978/04/19	790980	310039
7900295	F005	TR4663	0093	3124	32L7	1977/10/20	790981	310040
7900295	F005	TR4664	0093	3124	32L7	1978/02/03	790982	310041
7900295	F005	TR4665	0093	3124	32L7	1977/09/16	790983	310042
7900295	F005	TR4666	0093	3124	32L7	1977/09/16	790984	310043
7900295	F005	TR4667	0093	3124	32L7	1977/09/16	790985	310044
7900295	F005	TR4668	0093	3124	32L7	1977/09/16	790986	310045
7900295	F005	TR4669	0093	3124	32L7	1977/09/16	790987	310046

7900295	F005	TR4670	0093	3124	32L7	1978/02/03	790988	310047
7900295	F005	TR4671	0093	3124	32L7	1978/04/21	790989	310048
7900295	F005	TR4672	0093	3124	32L7	1977/09/16	790990	310049
7900295	F005	TR4673	0093	3124	32L7	1978/02/03	790991	310050
7900295	F005	TR4674	0093	3124	32L7	1977/10/20	790992	310051
7900295	F005	TR4675	0093	3124	32L7	1978/06/20	790993	310052
7900295	F005	TR4676	0093	3124	32L7	1978/03/23	790994	310053
7900295	F005	TR4677	0093	3124	32L7	1977/09/16	790995	310054
7900295	F005	TR4678	0093	3124	32L7	1978/02/03	790996	310055
7900295	F005	TR4679	0093	3124	32L7	1977/09/16	790997	310056
7900295	F005	TR4680	0093	3124	32L7	1978/05/25	790998	310057
7900295	F005	TR4681	0093	3124	32L7	1977/09/16	790999	310058
7900295	F005	TR4682	0093	3124	32L7	1978/02/03	791000	310059
7900295	F005	TR4683	0093	3124	32L7	1978/05/25	791001	310060
7900295	F005	TR4684	0093	3124	32L7	1978/06/20	791002	310061
7900295	F005	TR4685	0093	3124	32L7	1977/09/16	791003	310062
7900295	F005	TR4686	0093	3124	32L7	1978/02/03	791004	310063
7900295	F005	TR4687	0093	3124	32L7	1977/09/16	791005	310064
7900295	F005	TR4688	0093	3124	32L7	1977/10/20	791006	310065
7900295	F005	TR4689	0093	3124	32L7	1978/06/20	791007	310066
7900295	F005	TR4690	0093	3124	32L7	1977/09/16	791008	310067
7900295	F005	TR4691	0093	3124	32L7	1977/10/20	791009	310068
7900295	F005	TR4692	0093	3124	32L7	1978/06/20	791010	310069
7900295	F005	TR4693	0093	3124	32L7	1977/09/16	791011	310070
7900295	F005	TR4694	0093	3124	32L7	1978/02/25	791012	310071
7900295	F005	TR4695	0093	3124	32L7	1977/10/20	791013	310072
7900295	F005	TR4696	0093	3124	32L7	1977/09/16	791014	310073
7900295	F005	TR4697	0093	3124	32L7	1978/06/22	791015	310074
7900295	F005	TR4698	0093	3124	32L7	1977/09/16	791016	310075
7900295	F005	TR4699	0093	3124	32L7	1978/06/22	791017	310076
7900295	F005	TR4700	0093	3124	32L7	1977/09/16	791018	310077
7900295	F005	TR4701	0093	3124	32L7	1977/09/15	791019	310078
7900295	F005	TR4702	0093	3124	32L7	1977/10/20	791020	310079
7900295	F005	TR4703	0093	3124	32L7	1977/09/15	791021	310080
7900295	F005	TR4704	0093	3124	32L7	1978/02/04	791022	310081
7900295	F005	TR4705	0093	3124	32L7	1978/04/21	791023	310082
7900295	F005	TR4706	0093	3124	32L7	1977/09/15	791024	310083
7900295	F005	TR4707	0093	3124	32L7	1977/10/20	791025	310084
7900295	F005	TR4708	0093	3124	32L7	1978/04/21	791026	310085
7900295	F005	TR4709	0093	3124	32L7	1977/09/16	791027	310086
7900295	F005	TR4710	0093	3124	32L7	1977/10/20	791028	310087
7900295	F005	TR4711	0093	3124	32L7	1977/09/16	791029	310088
7900295	F005	TR4712	0093	3124	32L7	1978/02/04	791030	310089
7900295	F005	TR4713	0093	3124	32L7	1977/09/16	791031	310090
7900295	F005	TR4714	0093	3124	32L7	1978/02/25	791032	310091
7900295	F005	TR4715	0093	3124	32L7	1977/10/20	791033	310092
7900295	F005	TR4716	0093	3124	32L7	1977/09/16	791034	310093
7900295	F005	TR4717	0093	3124	32L7	1977/10/21	791035	310094
7900295	F005	TR4718	0093	3124	32L7	1977/09/16	791036	310095

(226 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
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7900295	F005	TR4533	317F	2	1920	78/03/18	78/05/25
7900295	F005	TR4534	317F	3	3249	78/03/18	78/05/25
7900295	F005	TR4535	317F	3	2218	78/05/25	78/07/10
7900295	F191	TR4537	317F	1	707	79/06/01	79/06/01
7900295	F005	TR4538	317F	1	743	79/05/01	79/05/31
7900295	F005	TR4539	317F	1	711	79/06/01	79/06/30
7900295	F144	TR4542	31G3	10	136	78/06/13	78/06/13
7900295	F144	TR4543	31G3	6	90	78/09/21	78/09/21
7900295	F144	TR4544	31G3	18	91	78/10/03	78/11/10
7900295	F005	TR4719	32L7	0	0	77/10/21	77/12/19
7900295	F005	TR4720	32L7	0	0	77/09/16	78/12/18
7900295	F005	TR4721	32L7	0	0	77/10/21	77/12/19
7900295	F005	TR4722	32L7	0	0	77/09/16	78/11/18
7900295	F005	TR4723	32L7	0	0	77/09/16	78/11/18
7900295	F005	TR4724	32L7	0	0	77/12/19	78/11/18
7900295	F005	TR4725	32L7	0	0	77/09/16	77/12/18
7900295	F005	TR4726	32L7	0	0	77/12/19	77/12/19
7900295	F005	TR4727	32L7	0	0	77/09/15	78/03/25
7900295	F005	TR4728	32L7	0	0	78/02/04	78/03/25
7900295	F005	TR4729	32L7	0	0	77/09/15	77/12/19
7900295	F005	TR4730	32L7	0	0	77/09/15	78/03/25
7900295	F005	TR4731	32L7	0	0	77/09/15	78/03/25
7900295	F005	TR4732	32L7	0	0	77/09/15	78/03/25
7900295	F005	TR4733	32L7	0	0	78/02/26	78/03/25
7900295	F005	TR4734	32L7	0	0	77/09/15	77/12/19
7900295	F005	TR4735	32L7	0	0	77/09/15	78/03/25
7900295	F005	TR4736	32L7	0	0	77/10/21	78/03/25
7900295	F005	TR4737	32L7	0	0	77/12/19	77/12/19
7900295	F005	TR4738	32L7	0	0	77/09/15	77/09/15
7900295	F005	TR4739	32L7	0	0	77/10/21	77/11/18
7900295	F005	TR4740	32L7	0	0	78/02/26	78/03/25
7900295	F005	TR4741	32L7	0	0	77/12/19	77/12/19
7900295	F005	TR4742	32L7	0	0	77/09/15	77/09/15
7900295	F005	TR4743	32L7	0	0	77/10/21	78/03/25
7900295	F005	TR4744	32L7	0	0	78/02/26	78/03/25
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7900295	F005	TR4747	32L7	0	0	77/09/15	77/12/19
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7900295	F005	TR4749	32L7	0	0	78/02/26	78/03/25
7900295	F005	TR4750	32L7	0	0	77/09/15	77/12/19
7900295	F005	TR4751	32L7	0	0	77/09/15	78/03/25
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7900295	F005	TR4754	32L7	0	0	77/09/15	77/12/19
7900295	F005	TR4755	32L7	0	0	77/09/15	78/03/25
7900295	F005	TR4756	32L7	0	0	77/12/19	77/12/19
7900295	F005	TR4757	32L7	0	0	78/04/19	78/11/18
7900295	F005	TR4758	32L7	0	0	78/06/20	78/11/18
7900295	F005	TR4759	32L7	0	0	78/04/19	78/05/26
7900295	F005	TR4760	32L7	0	0	78/05/25	78/05/26
7900295	F005	TR4761	32L7	0	0	78/06/20	78/11/18
7900295	F005	TR4762	32L7	0	0	78/04/19	78/04/19
7900295	F005	TR4763	32L7	0	0	78/05/26	78/12/18
7900295	F005	TR4764	32L7	0	0	78/05/26	78/12/18
7900295	F005	TR4765	32L7	0	0	78/05/26	78/12/18

7900295	F005	TR4766	32L7	0	0	78/02/03	78/09/01
7900295	F005	TR4767	32L7	0	0	78/04/21	78/04/21
7900295	F005	TR4768	32L7	0	0	78/06/20	78/09/01
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7900295	F005	TR4770	32L7	0	0	78/06/20	78/09/11
7900295	F005	TR4771	32L7	0	0	78/02/03	78/05/25
7900295	F005	TR4773	32L7	0	0	78/06/20	78/12/18
7900295	F005	TR4774	32L7	0	0	78/04/19	78/05/27
7900295	F005	TR4775	32L7	0	0	78/06/20	78/12/18
7900295	F005	TR4776	32L7	0	0	78/04/19	78/05/27
7900295	F005	TR4777	32L7	0	0	78/11/17	78/11/17
7900295	F005	TR4778	32L7	0	0	78/11/17	78/11/17
7900295	F005	TR4779	32L7	0	0	78/11/17	78/11/17
7900295	F005	TR4780	32L7	0	0	78/04/19	78/11/18
7900295	F005	TR4781	32L7	0	0	78/06/20	78/11/18
7900295	F005	TR4782	32L7	0	0	78/04/19	78/05/26
7900295	F005	TR4783	32L7	0	0	78/06/20	78/11/18
7900295	F005	TR4784	32L7	0	0	78/04/19	78/05/26
7900295	F005	TR4785	32L7	0	0	78/06/20	78/12/18
7900295	F005	TR4786	32L7	0	0	78/04/19	78/05/26
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7900295	F005	TR4788	32L7	0	0	78/04/19	78/05/26
7900295	F005	TR4789	32L7	0	0	78/06/20	78/12/18
7900295	F005	TR4790	32L7	0	0	78/04/19	78/12/18
7900295	F005	TR4791	32L7	0	0	78/05/26	78/12/18
7900295	F005	TR4792	32L7	0	0	78/11/17	78/12/18
7900295	F005	TR4793	32L7	0	0	78/05/26	78/05/27
7900295	F005	TR4794	32L7	0	0	78/05/26	78/05/27
7900295	F005	TR4795	32L7	0	0	78/11/17	78/12/18
7900295	F005	TR6485	32L7	0	3	78/02/26	78/03/25
7900295	F005	TR6371	32L7	0	4	77/09/15	77/12/19
7900295	F005	TR6372	32L7	0	3	78/02/26	78/03/25
7900295	F005	TR6373	32L7	0	4	77/09/15	77/12/19
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7900295	F005	TR4598	32L7	0	0	77/10/20	78/03/25
7900295	F005	TR4599	32L7	0	0	77/09/17	77/09/17
7900295	F005	TR4600	32L7	0	0	77/10/20	78/03/25
7900295	F005	TR4601	32L7	0	0	77/09/17	78/03/25
7900295	F005	TR4602	32L7	0	0	77/10/20	77/12/18
7900295	F005	TR4603	32L7	0	0	77/09/17	77/09/17
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7900295	F005	TR4605	32L7	0	0	77/09/17	77/09/17
7900295	F005	TR4606	32L7	0	0	78/02/26	78/03/25
7900295	F005	TR4607	32L7	0	0	77/10/20	77/12/18
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7900295	F005	TR4612	32L7	0	0	78/02/26	78/02/26
7900295	F005	TR4613	32L7	0	0	77/10/20	77/12/18
7900295	F005	TR4614	32L7	0	0	77/09/16	78/08/31
7900295	F005	TR4615	32L7	0	0	78/03/23	78/08/31
7900295	F005	TR4616	32L7	0	0	77/09/16	77/12/18
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7900295	F005	TR4619	32L7	0	0	77/09/16	77/12/18
7900295	F005	TR4620	32L7	0	0	78/02/03	78/05/26
7900295	F005	TR4621	32L7	0	0	78/02/03	78/08/31
7900295	F005	TR4622	32L7	0	0	77/09/16	77/12/18
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7900295	F005	TR4625	32L7	0	0	77/10/20	78/04/21
7900295	F005	TR4626	32L7	0	0	78/03/23	78/08/31
7900295	F005	TR4627	32L7	0	0	77/09/16	77/12/18
7900295	F005	TR4628	32L7	0	0	77/10/20	78/04/21
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7900295	F005	TR4636	32L7	0	0	78/02/03	78/12/15
7900295	F005	TR4637	32L7	0	0	77/10/20	77/12/18
7900295	F005	TR4638	32L7	0	0	77/09/16	78/03/23
7900295	F005	TR4639	32L7	0	0	78/06/20	78/12/15
7900295	F005	TR4640	32L7	0	0	77/10/20	77/12/18
7900295	F005	TR4641	32L7	0	0	78/02/03	78/05/26
7900295	F005	TR4642	32L7	0	0	77/09/16	78/03/23
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7900295	F005	TR4644	32L7	0	0	77/10/20	77/12/18
7900295	F005	TR4645	32L7	0	0	78/02/03	78/05/26
7900295	F005	TR4646	32L7	0	0	78/02/03	78/09/11
7900295	F005	TR4647	32L7	0	0	77/09/16	77/12/18
7900295	F005	TR4648	32L7	0	0	78/02/03	78/09/01
7900295	F005	TR4649	32L7	0	0	77/09/16	77/12/18
7900295	F005	TR4650	32L7	0	0	78/02/25	78/09/01
7900295	F005	TR4651	32L7	0	0	77/09/16	77/12/18
7900295	F005	TR4652	32L7	0	0	78/04/19	78/12/18
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7900295	F005	TR4654	32L7	0	0	78/02/03	78/05/27
7900295	F005	TR4655	32L7	0	0	77/09/16	77/09/16
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7900295	F005	TR4657	32L7	0	0	78/04/19	78/04/19
7900295	F005	TR4658	32L7	0	0	77/10/20	77/12/18
7900295	F005	TR4659	32L7	0	0	78/02/03	78/05/27
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7900295	F005	TR4667	32L7	0	0	77/09/16	78/11/17
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7900295	F005	TR4671	32L7	0	0	78/04/21	78/12/18
7900295	F005	TR4672	32L7	0	0	77/09/16	77/12/18
7900295	F005	TR4673	32L7	0	0	78/02/03	78/05/27
7900295	F005	TR4674	32L7	0	0	77/10/20	77/10/20
7900295	F005	TR4675	32L7	0	0	78/06/20	78/12/18
7900295	F005	TR4676	32L7	0	0	78/03/23	78/05/27
7900295	F005	TR4677	32L7	0	0	77/09/16	77/12/18
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7900295	F005	TR4679	32L7	0	0	77/09/16	78/11/17
7900295	F005	TR4680	32L7	0	0	78/05/25	78/11/17
7900295	F005	TR4681	32L7	0	0	77/09/16	77/12/18
7900295	F005	TR4682	32L7	0	0	78/02/03	78/03/25
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7900295	F005	TR4704	32L7	0	0	78/02/04	78/07/18
7900295	F005	TR4705	32L7	0	0	78/04/21	78/04/21
7900295	F005	TR4706	32L7	0	0	77/09/15	78/03/25
7900295	F005	TR4707	32L7	0	0	77/10/20	78/07/18
7900295	F005	TR4708	32L7	0	0	78/04/21	78/04/21
7900295	F005	TR4709	32L7	0	0	77/09/16	78/08/31
7900295	F005	TR4710	32L7	0	0	77/10/20	78/08/31
7900295	F005	TR4711	32L7	0	0	77/09/16	78/05/26
7900295	F005	TR4712	32L7	0	0	78/02/04	78/08/31
7900295	F005	TR4713	32L7	0	0	77/09/16	77/11/17
7900295	F005	TR4714	32L7	0	0	78/02/25	78/05/26
7900295	F005	TR4715	32L7	0	0	77/10/20	77/12/19
7900295	F005	TR4716	32L7	0	0	77/09/16	78/12/18
7900295	F005	TR4717	32L7	0	0	77/10/21	77/12/19
7900295	F005	TR4718	32L7	0	0	77/09/16	78/12/18

(226 rows affected)