

B18851 TAPE

ACCESSION  
NUMBER

800457

RCVD: 8/5/80

## DATA DOCUMENTATION FORM

A:4:03

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

FT005

SIX(6) FILES

SIX TRACKS

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

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

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

TAMU

Envir. Eng. Div.

College Station, TX 77843

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

STR-Brine Disposal Analysis Program

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

TR Nos.  
TR6180 ✓ TR6183  
TR6181 ✓ TR6184  
TR6182 TR6185  
RAT 051579 RBB 062379  
RAT 060479 RBT 062379  
RAT 062379 RBB 060479

4. PLATFORM NAME(S)

RAT  
RBB  
RBT5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

Platform 3

6. PLATFORM AND OPERATOR  
NATIONALITY(IES)

USA

USA

7. DATES

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

5/15/79

7/16/79

8. ARE DATA PROPRIETARY?

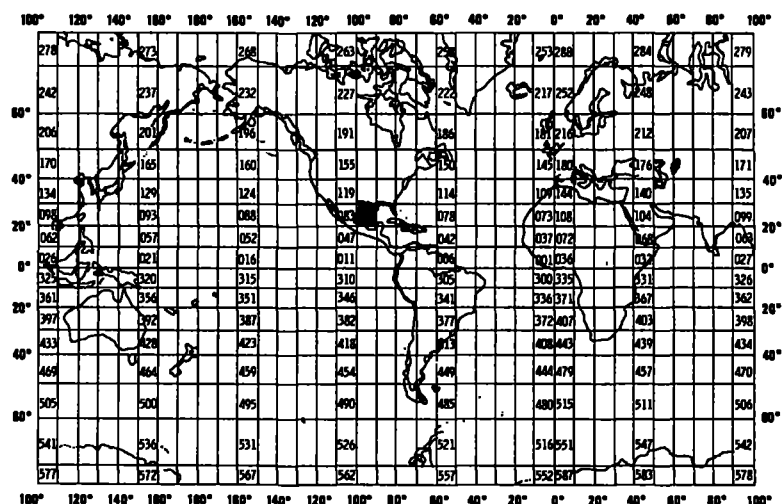
☒ NO ☐ YESIF YES, WHEN CAN THEY BE RELEASED  
FOR GENERAL USE? YEAR MONTH9. ARE DATA DECLARED NATIONAL  
PROGRAM (DNP)?(I.E., SHOULD THEY BE INCLUDED IN WORLD  
DATA CENTERS HOLDINGS FOR INTERNA-  
TIONAL EXCHANGE?)☒ NO ☐ YES ☐ PART (SPECIFY BELOW)10. PERSON TO WHOM INQUIRIES CONCERNING  
DATA SHOULD BE ADDRESSED WITH TELE-  
PHONE NUMBER (AND ADDRESS IF OTHER  
THAN IN ITEM-1)

O. W. Hann, Jr.

713-845-1418

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

GENERAL AREA



# 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 direction speed	Degrees of arc cm/s	{ Endeco 105		

## 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

File 1 - RAT 5/15/79 - 6/4/79  
 2 - RAT 6/4/79 - 6/23/79  
 3 - RAT 6/23/79 - 7/16/79  
 4 - RDT 6/23/79 - 7/16/79  
 5 - RDT 6/23/79 - 7/16/79  
 6 - RBB 6/4/79 - 6/23/79

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

No. of Records

Record length = blocksize = 60

#1 = 972

#2 = 918

#3 = 1114

#4 = 1115

#5 = 1115

#6 = 924

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J. Foreman

ADDRESS

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input 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>PL</p>
<p>DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>

FORMAT DESCRIPTION: Aanderaa Current Meter Eulerian (005)

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	29A1	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 to tenths
WATER	35	4	I4	Depth in Meters to tenths
blank	39	7	7X	blank
<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 <sup>2</sup> to hundredths
CONDUCTIVITY	40	4	I4	Millimhos to hundredths
blank	44	2	2X	blank

ACCESSION/TRACK # 800457/IR 6180-85

<u>Step</u>	<u>Completion Date/Init.</u>		<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE #	8/5/80	EA	B18851	6	60	60	6,158
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 # 800457

- 1) File Type: FT005
- 2) Project Ident.: Brine Disposal Pgm.
- 3) Track Nos.: TR 6180-6185

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

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

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

ACCESSION/TRACK NO.:

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B18851	NL	60	60	F		6,158
DUPLICATE	009731	SL	60	60	SDF	*	6,158
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

\* LABEL = NODC \* F005T6180

FILE ID = TRACK NO T6180-6185

ION/TRACK NO.: 8000457/TR 6180-6185

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B18851	NL	64	64	F		6,158
DUPLICATE	dp4731	SL	64	64	SDF	*	6,158
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15773X F005. TR6180						6126
EDITED DISK FILE							

\* LABEL = NODC \* 1-44516184

FILE ID: TRACK NO 6180-6185



DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 844157

- 1) File Type: FT 445
- 2) Project Ident.: Brine Disposal Pgm
- 3) Track Nos.: TA 6184-6185

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. Deleted (999) values.
2. Deleted records left with only date/time after (999) values were deleted.
3. Entered zeros in hour field.

III. Processor Name:

M. Lewis

RCVD: 8/5/80

DATA DOCUMENTATION FORM

NOAA FORM 24-13  
(4-77)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238

FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

FTDD5

SA 161 111

SIX TRACKS

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

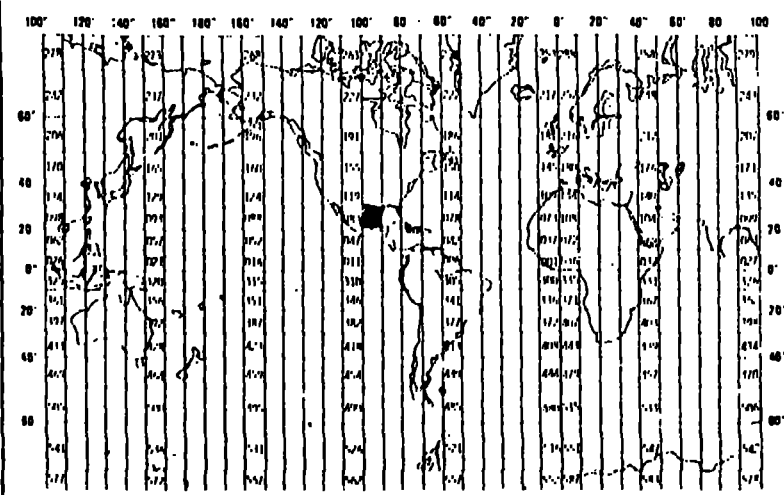
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications,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

A. ORIGINATOR IDENTIFICATION

TR Nos.

TR 6180 ✓ TR 6183  
TR 6181 TR 6184  
TR 6182 TR 6185

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 TAMU Envir. Eng. Div. College Station, TX 77843			
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 RAT 051579 RBB 062379 RAT 060479 RBT 062379 RAT 062379 RBB 060479	
4. PLATFORM NAME(S) RAT RBB RBT	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Platform	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 5/15/79 7/16/79
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) R. W. Hann, Jr. 713-845-1418			

## 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 FILTERS AND AVERAGING
Current direction speed	Degrees of arc cm/s	} Endeco 105		

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 005

File 1 - RAT 5/15/79 - 6/4/79  
 2 - RAT 6/4/79 - 6/23/79  
 3 - RAT 6/23/79 - 7/16/79  
 4 - RDB 6/23/79 - 7/16/79  
 5 - RBT 6/23/79 - 7/16/79  
 6 - RBB 6/4/79 - 6/23/79

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

Record length = blocksize = 60

912

918

1111

1111

1116

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J. Foreman

ADDRESS

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE

☐ BCD

☐ BINARY

☐ ASCII

☒ EBCDIC

☐

6. NUMBER OF TRACKS (CHANNELS)

☐ SEVEN

☒ NINE

☐

7. PARITY

☐ ODD

☐ EVEN

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 KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)

NC

12. PHYSICAL BLOCK LENGTH IN BYTES

13. LENGTH OF BYTES IN BITS

FORMAT DESCRIPTION: Aanderaa Current Meter Eulerian (005)

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

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	29A1	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 to tenths
WATER	35	4	I4	Depth in Meters to tenths
blank	39	7	7X	blank

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
<del>TEMP</del>	<del>33</del>	<del>3</del>	<del>I3</del>	<del>Degrees Celsius to tenths</del>
<del>PRESSURE</del>	<del>36</del>	<del>4</del>	<del>I4</del>	<del>kg/m sec<sup>2</sup> to hundredths</del>
<del>CONDUCTIVITY</del>	<del>40</del>	<del>4</del>	<del>I4</del>	<del>Millimhos to hundredths</del>
blank	44	2	2X	blank

ACCESSION/TRACK # 840157/TK 1184-85TR 6180-85

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	8/5/84	EA	B18851	6	64	64	6,158
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
DDF EVALUATION	5/7/82	MA					
QUALITY REVIEW	5/7/82	MA					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHK	5/5/82	MA	D15773*	F005	TR 6180		6123
FIRST USER TAPE #							
WORK DISK FILE	5/5/82	MA	D15773*	F005	TR 6180		6123
FINAL USER TAPE #							
FINAL MULCHK	5/5/82	MA	D15773*	F005	TR 6180		6122
EDITED DISK FILE							
DATA SET "FINALIZED"							

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 84457

- 1) File Type: FT 445
- 2) Project Ident.: Brine Disposal Pgh
- 3) Track Nos.: TR 6184-6185

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. Deleted (999) values.
2. Deleted records left with only date/time after (999) values were deleted.
3. Entered zeros in hour field.

III. Processor Name:

M. Lewis



SECTION/TRACK NO.: 8000457/TR 6180-6185

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B18851	NL	64	64	F		6,158
DUPLICATE	004731	SL	64	64	SDF	*	6,158
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15773*F005.TR6180						6/22
EDITED DISK FILE							

\* LABEL = NODC \* F-00516184

FILE ID: TRACK NO 6180-6185

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000457

- 1) File Type: 028  
2) Project Ident.: BRINE DISPOSAL  
3) Track Nos.: TR 6186-95

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

- 1) Data below range in Lat deg  
2) Illegal blank in field hour  
3) File Type not 028

- 1) sysin set for OCSEAP  
LAT'S. made no change  
2) made no change, hours  
weren't supplied.  
3) ~~Record~~ File Type & File  
Identifier were messed up  
changed to 028TR61942

III. Processor Name:

Susan B. Kerig

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

ASSIGN/TRACK NO.: 800457 TR6186-95

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B18833	NL	80	80	F	10 FILES	2876
DUPLICATE	4133	SL	80	SDF		1 FILE	2876
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DIS5BK * FILE, F028T6186						2876
EDITED DISK FILE	DMNOEX MPD75. F028T6186						2876

LABEL = NODC \* F028T6186.

FILE ID = TRACK #

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000457

- 1) File Type: 028  
2) Project Ident.: BRINE DISPOSAL  
3) Track Nos.: TR 6186-95

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

- 1) Data below range is not okay  
2) Illegal blank in field four  
3) File Type not 028

- 1) sysin set for OCSEAP  
LAT'S. made no change  
2) made no change, hours  
weren't supplied.  
3) ~~Record~~ File Type & File  
Identifiers were messed up  
changed to 028TR61942

III. Processor Name: Susan B. Kerig

15833

JUN 1980

8000457

REV'D: 8/5/80

## DATA DOCUMENTATION FORM

TR6186-TR6195

F028

NOAA FORM 24-13

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. 4166-265  
EXPIRES 1-81

FT028

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

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## 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

TAMU  
Envir. Eng. Div.  
College Station, TX 77843

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

~~060679, 071779, 082179, 092479, 102579, 111279, 121079, 011480, 021380, 032280~~  
060679, 071779, 082179, 092479, 102579, 111279, 121079, 011480, 021380, 032280

4. PLATFORM NAME(S)

R/V Excellence

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

Boat

6. PLATFORM AND OPERATOR NATIONALITY(IES)

USA

USA

7. DATES

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

6/6/79

3/22/80

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

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

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

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

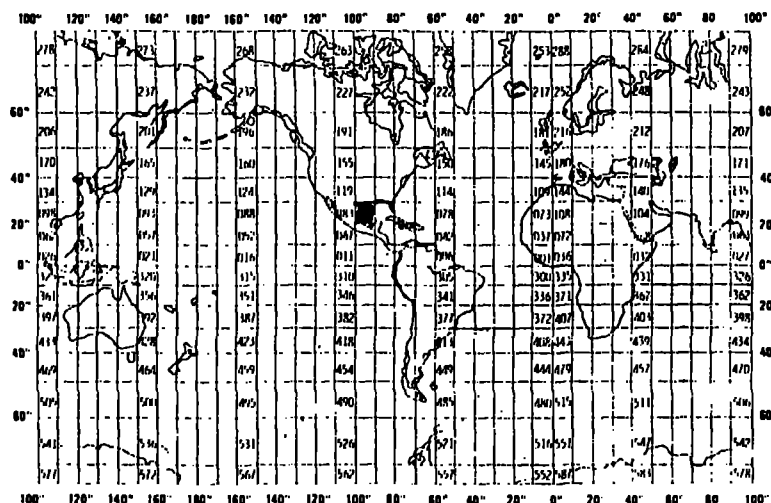
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

☒ NO ☐ YES ☐ PART (SPECIFY BELOW)

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

R. W. Hann, Jr.

713-845-1418



## 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
Species code	counts			

# 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  
AND METHOD OF IDENTIFYING EACH RECORD TYPE

Format 028

File 1 - 6/6/79  
2 - 7/17/79  
3 - 8/21/79  
4 - 9/24/79  
5 - 10/25/79  
6 - 11/12/79  
7 - 12/10/79  
8 - 1/14/80  
9 - 2/13/80  
10 - 3/22/80

beginning date 6/6/79, date 3/22/80  
same length day cruises

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record length = block size = 80

126-15	172-11 619 1
117-15	172-11 619 2
11-88	240-11 619 3
126-189	71-11 619 4
11-70	220-11 619 5

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1 ☐ ALGOL ☐ COBOL  
☒ FORTRAN ☐ \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER J. Foreman  
ADDRESS \_\_\_\_\_

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input 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>PL</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>



FORMAT DESCRIPTION: PHYTOPLANKTON SPECIES (028)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Master Record</u>				
FILE TYPE	1	3	A3	Always "028"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "1"
STATION NUMBER	11	5	A5	
LATITUDE,				
DEGREES	16	2	I2	
MINUTES	18	2	I2	
SECONDS	20	2	I2	
HEMISPHERE	22	1	A1	"N" or "S"
LONGITUDE,				
DEGREES	23	3	I3	
MINUTES	26	2	I2	
SECONDS	28	2	I2	
HEMISPHERE	30	1	A1	"E" or "W"
TIME IN GMT				
YEAR	31	2	I2	Last two digits of year
MONTH	33	2	I2	1-12
DAY	35	2	I2	1-31
HOUR	37	2	I2	0-23
MINUTES	39	2	I2	0-59
TIME ZONE				
LONGITUDE	41	1	A1	West = "="; East = "-"
ZONE	42	2	A2	01-12
DEPTH TO BOTTOM	44	5	I5	To whole meters
BLANK	49	32	32X	

Text Record (Optional)

FILE TYPE	1	3	A3	Always "028"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "2"
STATION NUMBER	11	5	A5	
TEXT	16	62	62A1	
SEQUENCE NUMBER	76	3	I3	Ascending numeric order for sorting*

\*The Sequence Number may be used to structure the data in such a way that the Text Record could precede or follow the corresponding taxonomic code on the Detail Record. An example would be two organisms named on two Text Records with Sequence Numbers of "002" and "004" and corresponding Detail Records with Sequence Numbers of "001" and "003". (NOTE: The Sequence Number need not be a consecutive number, but a number that is ascending numerically.) If the data were to be sorted, within a station, by Sequence Number, the Master Record (blanks in bytes 78-80) would be first followed by Detail Record "001", Text Record "002", Detail Record "003" and Text Record "004".

FORMAT DESCRIPTION: PHYTOPLANKTON SPECIES (028) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Detail Record</u>				
FILE TYPE	1	3	A3	Always "028"
FILE IDENTIFIER	4	6	A6	
RECORD	10	1	I1	Always "3"
STATION NUMBER	11	5	A5	
SAMPLE NUMBER	16	4	A4	Originator's internal use
SAMPLE DEPTH	20	4	I4	In tenths of meters
TAXONOMIC CODE	24	10	5A2	
BLANK	34	3	3X	
COUNT	37	5	I5	Of species identified in previous field
NUMBER OF CELLS/LITER	42	9	I9	Of species identified in previous field
WET WEIGHT	51	7	I7	To thousandths of grams
DRY WEIGHT	58	7	I7	To thousandths of grams
VOLUME OF WATER FILTERED	65	5	I5	Whole milliliters
BLANK	70	8	8X	
SEQUENCE NUMBER	78	3	I3	Ascending numeric order for sorting*

\*The Sequence Number may be used to structure the data in such a way that the Text Record could precede or follow the corresponding taxonomic code on the Detail Record. An example would be two organisms named on two Text Records with Sequence Numbers of "002" and "004" and corresponding Detail Records with Sequence Numbers of "001" and "003" (NOTE: The Sequence Number need not be a consecutive number, but a number that is ascending numerically.) If the data were to be sorted, within a station, by Sequence Number, the Master Record (blanks in bytes 78-80) would be first followed by Detail Record "001", Text Record "002", Detail Record "003" and Text Record "004".

Detail II Record

FILE TYPE	1	3	A3	Always "028"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "4"
STATION NUMBER	11	5	A5	
SAMPLE NUMBER	16	4	A4	Originator's internal use
SAMPLE DEPTH	20	4	I4	Meters to tenths
TAXONOMIC CODE	24	10	5A2	
BLANK	34	3	3X	
CELLS PER LITER	37	9	I9	
CARBON PER LITER	46	14	I14	Micrograms per liter
PERCENT CELLS PER LITER	60	7	I7	To hundred thousands
PERCENT CARBON PER LITER	67	7	I7	To hundred thousands
BLANK	74	4	4X	
SEQUENCE NUMBER	78	3	I3	Ascending order for sorting

## TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

ASSIGN/TRACK NO.: 800457 TR6186-95

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B18833	NL	80	80	F	10 F.L25	2876
DUPLICATE	4133	SL	80	SDF		1 F.L2	2876
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSH					REMARKS	# RECORDS
WORK DISK FILE	DISK * FILE, F028T6186						2876
EDITED DISK FILE	DMKOE MPD75. F028T6186						2876

LABEL = NODC \* F028T6186.

FILE ID = TRACK #

## DATA SET ROUTE SHEET

ACCESSION/TRACK # 8000457

TR6186-6195

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	8/5/80	FJM	B18833	10	80	80	2876
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	11/10/81	SBK		1	80	80	2876
FIRST USER TAPE #							
WORK DISK FILE	11/10/81	SBK		1	80	80	2876
FINAL USER TAPE #							
FINAL MULCHEK							
EDITED DISK FILE	11/17/81	SBK		1	80	80	2876
DATA SET "FINALIZED"							

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8000457	F005	TR6180	0093	3124	317F	1979/05/15	RAT05157	313015
8000457	F005	TR6181	0093	3124	317F	1979/06/04	RAT06047	313016
8000457	F005	TR6182	0093	3124	317F	1979/06/23	RAT06237	313017
8000457	F005	TR6183	0093	3124	317F	1979/06/23	RBB06237	313018
8000457	F005	TR6184	0093	3124	317F	1979/06/23	RBT06237	313019
8000457	F005	TR6185	0093	3124	317F	1979/06/04	RBB06047	313020
8000457	F028	TR6186	0093	3124	32L7	1979/06/06	060679	313005
8000457	F028	TR6187	0093	3124	32L7	1979/07/17	071779	313006
8000457	F028	TR6188	0093	3124	32L7	1979/08/21	082179	313007
8000457	F028	TR6189	0093	3124	32L7	1979/09/24	092479	313008
8000457	F028	TR6190	0093	3124	32L7	1979/10/25	102579	313009
8000457	F028	TR6191	0093	3124	32L7	1979/11/12	111279	313010
8000457	F028	TR6192	0093	3124	32L7	1979/12/10	121079	313011
8000457	F028	TR6193	0093	3124	32L7	1980/01/14	011480	313012
8000457	F028	TR6194	0093	3124	32L7	1980/02/13	021380	313013
8000457	F028	TR6195	0093	3124	32L7	1980/03/22	032280	313014

(16 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
8000457	F005	TR6180	317F	2	964	79/05/15	79/06/01
8000457	F005	TR6181	317F	1	917	79/06/04	79/06/04
8000457	F005	TR6182	317F	2	1107	79/06/23	79/07/01
8000457	F005	TR6183	317F	2	1107	79/06/23	79/07/01
8000457	F005	TR6184	317F	2	1108	79/06/23	79/07/01
8000457	F005	TR6185	317F	0	919	79/06/04	79/06/23
8000457	F028	TR6186	32L7	309	309	79/06/06	79/06/06
8000457	F028	TR6187	32L7	126	126	79/07/17	79/07/17
8000457	F028	TR6188	32L7	367	367	79/08/21	79/08/21
8000457	F028	TR6189	32L7	707	707	79/09/24	79/09/24
8000457	F028	TR6190	32L7	322	322	79/10/25	79/10/25
8000457	F028	TR6191	32L7	192	192	79/11/12	79/11/12
8000457	F028	TR6192	32L7	172	172	79/12/10	79/12/10
8000457	F028	TR6193	32L7	290	290	80/01/14	80/01/14
8000457	F028	TR6194	32L7	171	171	80/02/13	80/02/13
8000457	F028	TR6195	32L7	220	220	80/03/22	80/03/22

(16 rows affected)