

DDF A:5.0/ 319377, file 1

ACCESSION  
NUMBER

8100491

RCVD 4/7/81

## DATA DOCUMENTATION FORM

DDF A:5.0/TR6912

FORM 24-13

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

FT024

ONE (1) TRICK

(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

Texas A &amp; M University

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

052680

4. PLATFORM NAME(S)

TRN  
Excellence5. 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

5/26/80

5/26/80

8. ARE DATA PROPRIETARY?

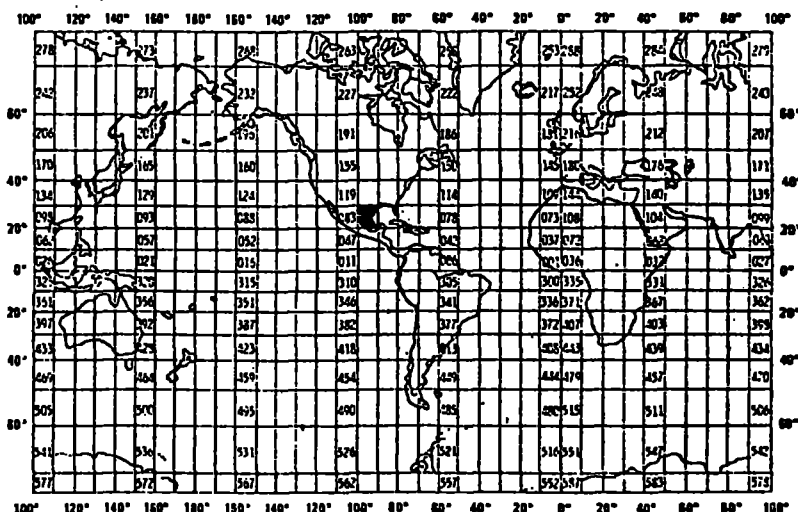
☒ NO ☐ YESIF YES, WHEN CAN THEY BE RELEASED  
FOR GENERAL USE? YEAR MONTH9. ARE DATA DECLARED NATIONAL  
PROGRAM (DNP)?(I.E., SHOULD THEY BE INCLUDED IN WORLD  
DATA CENTERS HOLDINGS FOR INTERNA-  
TIONAL EXCHANGE?)☒ NO ☐ YES ☐ PART (SPECIFY BELOW)10. PERSON TO WHOM INQUIRIES CONCERNING  
DATA SHOULD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

R. W. Hana, 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 LOCATION AND 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
No. of organisms	No./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  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Format 024

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

LR ECL = BLK SIZE - 80

3. ATTRIBUTES AS EXPRESSED IN
- |                                  |                                |                                |
|----------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1    | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input type="checkbox"/> FORTRAN | <input type="checkbox"/> _____ | 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> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input checked="" type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>7. PARITY</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table> <p>8. DENSITY</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<input type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p> <p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LABEL SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; font-size: 1.2em;">PL</p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY																			
<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC																			
<input type="checkbox"/> _____																				
<input type="checkbox"/> SEVEN																				
<input checked="" type="checkbox"/> NINE																				
<input type="checkbox"/> _____																				
<input type="checkbox"/> ODD																				
<input type="checkbox"/> EVEN																				
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI																			
<input type="checkbox"/> 556 BPI																				
<input type="checkbox"/> 800 BPI																				
<input type="checkbox"/> _____																				

Dummy taxonomic codes for TAMU Zooplankton data, tape B19377, file 1.

<u>DUMMY</u>	<u>SCIENTIFIC NAME</u>
9994	Acartia Lilljeborgii
999017	Calanopia Americana
99934	Centropages Velificatus
999034	" "
99987	Paracalanus Aculeatus
999087	" "
999133	Corycaeus Americanus
999162	Oithona Nana
999226	Ostracoda Euconchoechia
999237	Barnacle Nauplii
999238	" Cypris
999245	Medusae
999250	Pteropoda

# FORMAT DESCRIPTION; Zooplankton (024)

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

FORMAT DESCRIPTION: ZOOPLANKTON (024)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Location</u>				
FILE TYPE	1	3	A3	Always "024"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "2"
STATION NUMBER	11	5	A5	
LATITUDE,				
DEGREES	16	2	I2	
MINUTES	18	2	I2	
SECONDS	20	2	I2	
HEMISPHERE	22	1	A1	"N" or "S"
LONGITUDE,				
DEGREES	23	3	I3	
MINUTES	26	2	I2	
SECONDS	28	2	I2	
HEMISPHERE	30	1	A1	"E" or "W"
DATE IN GMT,				
YEAR	31	2	I2	
MONTH	33	2	I2	
DAY	35	2	I2	
TIME IN GMT,				
HOUR	37	2	I2	
MINUTE	39	2	I2	
DEPTH TO BOTTOM	41	5	I5	To whole meters
SAMPLE INTERVAL,				
UPPER	46	4	I4	To whole meters
LOWER	50	4	I4	To whole meters
BLANK	54 41	27 40	27X 40	
<u>Total Haul Data</u>				
FILE TYPE	1	3	A3	Always "024"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "3"
STATION NUMBER	11	5	A5	
GEAR CODE-Haul Number	16	2	A2	(Use File 024 Gear Code)
MESH SIZE	18	4	I4	In microns
DURATION	22	3	I3	Hours to tenths
HAUL LENGTH	25	4	I4	To whole meters
VOLUME OF WATER				
FILTERED	29	4	I4	To whole cubic meters
TOTAL SETTLED VOLUME	33	4	I4	To whole milliliters
TOTAL WATER DISPLACED	37	4	I4	To whole milliliters
TOTAL DRY WEIGHT OF				
HAUL	41	7	I7	Grams to hundredths
TOTAL NET WEIGHT OF				
Water	48	7	I7	Grams to hundredths
Filtered	55	6	I6	Whole cubic meters
Blank	61	20	20X	

FORMAT DESCRIPTION: ZOOPLANKTON (024) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Subsample Data</u>				
FILE TYPE	1	3	A3	Always "024"
FILE IDENTIFIER	4	6	A6	
RECORD TYPE	10	1	I1	Always "4"
STATION NUMBER	11	5	A5	
SAMPLE NUMBER	16	4	A4	
TAXONOMIC CODE	20	10	5A2	
LIFE HISTORY CODE	30	1	A1	
SIZE OF SUBSAMPLE	31	4	I4	Percent to tenths
NUMBER IN SUBSAMPLE	35	5	I5	whole number of individuals
CONCENTRATION	40	6	I6	Number per cubic meter
DRY WEIGHT	46	7	I7	Grams to thousandths
WET WEIGHT	53	7	I7	Grams to thousandths
NUMBER OF ADULTS	60	5	I5	Whole number
NUMBER OF JUVENILES	65	5	I5	Whole number
NUMBER OF EGGS	70	5	I5	Whole number
NUMBER OF LARVAE	75	5	I5	Whole number
Blank	80-89	10	41X	

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

Text

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

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 8100491

TRACK NO(s): TR6912

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	819377	N L	80	80	F	915 records
Duplicate	4515	NODC* F024T6912.	80	SDF	—	
Reformatted						
First User						
Final User						



## DATA SET ROUTE SHEET

ACCESSION/TRACK # 8100491TR6912

<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	4/7/81	FJM	B19377	1	80	80	915
QUAD/SCAN TAPE							
ASSIGNED FOR PROCESS.							
PDF 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"							

ERROR CORRECTION DOCUMENTATION FORM

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100491

- 1) File Type: 024
- 2) Project Ident.: BOYNE DISPOSAL
- 3) Track Nos.: TR6912

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

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

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 8100491

TRACK NO(s): TR6912

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	B19377	N L	80	80	F	915 records
Duplicate	4515	NODC* F024T6912.	80	SDF	—	
Reformatted	D15773* F124. TR6912					
First User						
Final User						
→			80	80	Ascii SDF	915 records

DISCINH\* CLIFTEST. F124T6912  
- DMNDE\*MRD75. T6912/F124

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100491

- 1) File Type: 024
- 2) Project Ident.: BOYNE DISPOSAL
- 3) Track Nos.: TR6912

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

*See corrections sheet*

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: Cliff Hartley

ACCESSION/TRACK # 8100491TR6912

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	4/7/81	FOM	B19377	1	80	80	915
ADI/SCAN TAPE							
SIGNED FOR PROCESS.							
EVALUATION							
QUALITY REVIEW							
ELIMINARY DATA SORT							
ELIMINARY MULCHEK	12/21/82	CMH					
FIRST USER TAPE							
WORK DISK FILE	12/21/82	CMH					
FINAL USER TAPE							
MULCHEK	01/07/83	CMH					
EDITED DISK FILE	01/07/83	CMH					
DATA SET "FINALIZED"							

→ DISCH \* CLIFTEST.F124 T6912  
 DMNDE \* MPD75.T6912/F124

Corrections 8100491

- ① Originator data in 024 format - converted to 124 format
- ② Duplicate station numbers in originator data. Each station given a unique number.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100491

- 1) File Type: 069
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR6913-25

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name:

Cliff Hartley

Tape B19377, file 2-14

ACCESSION  
NUMBER

8100491

## DATA DOCUMENTATION FORM

RCVD: 4/7/81

TR6913-6925

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

FT069

13 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

SAI/Oak Ridge  
800 Oak Ridge Turnpike

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

092277 020378 061378 101978  
102177 030278 071678  
111677 041778 081778  
121477 050878 091478

4. PLATFORM NAME(S)

S.W. Reacher  
Pearl5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

Ships

6. PLATFORM AND OPERATOR  
NATIONALITY(IES)

USA

USA

7. DATES

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

9/22/77

10/10/78

8. ARE DATA PROPRIETARY?

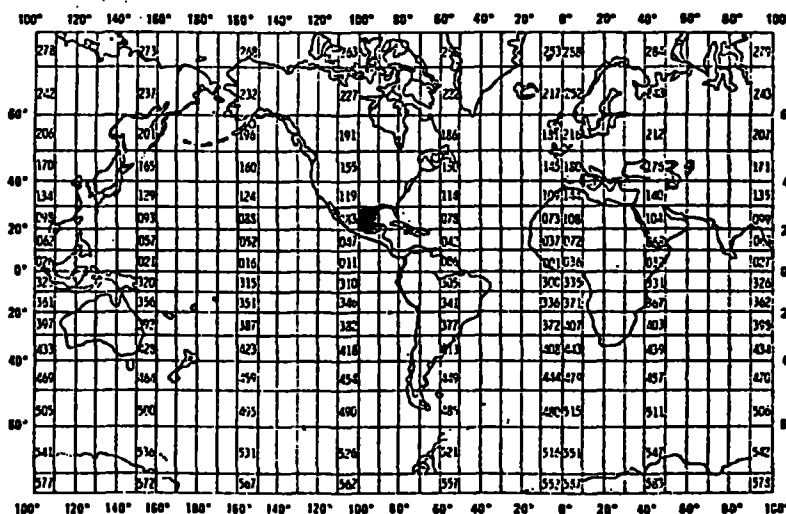
☒ NO ☐ YESIF YES, WHEN CAN THEY BE RELEASED  
FOR GENERAL USE? YEAR MONTH9. ARE DATA DECLARED NATIONAL  
PROGRAM (DNP)?(I.E., SHOULD THEY BE INCLUDED IN WORLD  
DATA CENTERS HOLDINGS FOR INTERNA-  
TIONAL EXCHANGE?)☒ NO ☐ YES ☐ PART (SPECIFY BELOW)10. PERSON TO WHOM INQUIRIES CONCERNING  
DATA SHOULD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

C. Cominsky

615-482-9031

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
Sulfate	mg/l			
Silicate	mg/l			
Phosphate	mg/l			
Nitrite/Nitrate	ratio - unit less			

# 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 069  
1cruise / file

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached  
LRECL = 43 LKSIZE = 80

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 <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>N/L</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>

PARAMETER	DESCRIPTION	SC
FILE HEADER RECORD	ALWAYS '1'	10
VESSEL	ELEVEN-CHARACTER FIELD FOR VESSEL NAME	11
CRUISE	SIX-CHARACTER ORIGINATOR'S CRUISE IDENTIFICATION (LEFT ALLIGNED)	22
BEGIN CRUISE DATE	MM/DD/YY	28
END CRUISE DATE	MM/DD/YY	37
SENIOR SCIENTIST	19-CHARACTER FIELD FOR SCIENTIST NAME	45
INVESTIGATOR/INSTITUTION	17-CHARACTER FIELD FOR INVESTIGATOR OR INSTITUTION NAME	64
FIRST SAMPLE HEADER RECORD	ALWAYS '2'	10
SEQUENCE	XXX - ASCENDING NUMERIC	11
CAST NUMBER	THREE-CHARACTER STATION IDENTIFIER	14
NUMBER OF CASTS	SIX-CHARACTERS USED TO REPRESENT THE NUMBER OF CASTS USED TO MAKE UP A STATION. EX. 35-37 REPRESENTS 3 CASTS	17
LATITUDE	DDMMT PLUS HEMISPHERE 'N' OR 'S'	23
LONGITUDE	DDMMT PLUS HEMISPHERE 'E' OR 'W'	29
DATE (GMT)	YYMMDD	36
TIME (GMT)	XXX - HOURS TO TENTHS	42
DEPTH TO BOTTOM	XXXX - WHOLE METERS	45
BLANKS		49
DATA RECORD 1	ALWAYS '3'	10
SEQUENCE	SEE RECORD '2'	11
CAST NUMBER	SEE RECORD '2'	14
SAMPLE DEPTH	XXXX - WHOLE METERS	17
TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	21
SALINITY	XXXX - PARTS PER THOUSAND TO HUNDREDTHS	25
SIGMA-T	XXXXX - TO THOUSANDTHS	29
DISSOLVED OXYGEN	XXXXX - UG-AT/L TO HUNDREDTHS	34
NITRATE	XXXX - UG-AT/L TO HUNDREDTHS	39
NITRITE	XXXX - UG-AT/L TO HUNDREDTHS	43
AMMONIA	XXXXX - UG-AT/L TO HUNDREDTHS	47
INORGANIC PHOSPHATE	XXXXX - UG-AT/L TO HUNDREDTHS	52
SILICATE	XXXXX - UG-AT/L TO HUNDREDTHS	56
RELATIVE CHLOROPHYLL FLUORESCENCE	XXXX - TO HUNDREDTHS	61
DISSOLVED ORGANIC CARBON	XXXX - UG C/L TO HUNDREDTHS	65
PARTICULATE ORGANIC CARBON	XXXX - UG C/L TO HUNDREDTHS	69
PARTICULATE ORGANIC NITROGEN	XXXX - UG N/L TO HUNDREDTHS	73
BLANKS		77

Record Type 6 - Data IV

Sample Depth	17-21	Meters to tenths
Nitrate	22-27	mg/l to thousandths
Nitrite	28-33	mg/l to thousandths
Ammonia	34-39	mg/l to thousandths
Silicon Dioxide	40-45	mg/l to thousandths
Total Phosphorous in Phosphate (T- $\text{PO}_4$ -P)	46-51	mg/l to thousandths
Organic Phosphorous in Phosphate (O- $\text{PO}_4$ -P)	52-57	mg/l to thousandths
Chlorophyll-a	58-63	mg/m <sup>3</sup> to thousandths
Phaeophytin-a	64-69	mg/m <sup>3</sup> to thousandths
Sulfate	70-75	mg/l to thousandths
Nitrate-Nitrite Ratio ( $\text{NO}_2/\text{NO}_3$ )	76-79	To hundredths
Blank	80	

## Corrections

8100491 TR6913-25 F069

- ① TR6914, record type '2', station 001.  
station # 001 corrected to \$b1.  
TR6914 record #71 file type 062, record type '2',  
file type corrected to 069.  
TR6914 record #76 file type 062, record type '2',  
file type corrected to 069.
- ② TR6915, record type '2', ~~122~~ record # 122,  
station # 001 corrected to \$b1.
- ③ TR6918, record type '2', record # 341 station  
# \$b1 special character corrected to # \$b19.
- ④ TR6921, record type '2', record # 508  
station # 001 corrected to \$b1.

ACCESSION/TRACK # 8100 491

TR 6913-25

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	4/7/81	FJM	B19377	13 *	80	80	646
<del>QUAD/SCAN TAPE #</del> <sup>COPY</sup>	4/28/83	FJM	4142	1	224	80	646
ASSIGNED FOR PROCESS.							
<del>DDF EVALUATION</del> <sup>tape to disk</sup>	05/02/83	CMT					646
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	05/02/83	CMT					646
FIRST USER TAPE #							
WORK DISK FILE	05/02/83	CMT					646
FINAL USER TAPE #							
FINAL MULCHEK	05/03/83	CMT					646
EDITED DISK FILE	05/03/83	CMT					646
DATA SET "FINALIZED"							

\* FILES 2-14  
DNODC \* MPD 5. T 6913 / F 069

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

ACCESSION/TRACK NO.: 8100491 TR 6913-25

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B19377	NL	80	80	I=		646
DUPLICATE	4142 <del>8100491</del>	SL	80	224	SDF	*	646
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE						ascii	646

DNODC\*MPD75.T6913/F069  
\* LABEL = NODC\*F069T6913.  
FILE ID = TRACK NO.

Password: .

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8100491	F124	TR6912	0093	3124	32L7	1980/05/26	052680	314508
8100491	F069	TR6913	0093	31Y2	32YG	1977/09/20	092277	314509
8100491	F069	TR6914	0093	31Y2	32YG	1977/10/21	102177	314510
8100491	F069	TR6915	0093	31Y2	32YG	1977/11/16	111677	314511
8100491	F069	TR6916	0093	31Y2	32YG	1977/12/14	121477	314512
8100491	F069	TR6917	0093	31Y2	32YG	1978/02/03	020378	314513
8100491	F069	TR6918	0093	31Y2	32YG	1978/03/02	030278	314514
8100491	F069	TR6920	0093	31Y2	32YG	1978/05/08	050878	314516
8100491	F069	TR6921	0093	31Y2	32YG	1978/06/13	061378	314517
8100491	F069	TR6922	0093	31Y2	32YG	1978/07/16	071678	314518
8100491	F069	TR6923	0093	31Y2	32YG	1978/08/17	081778	314519
8100491	F069	TR6924	0093	31Y2	32YG	1978/09/14	091478	314520
8100491	F069	TR6925	0093	31Y2	32YG	1978/10/19	101978	314521
8100491	F132	TR6926	0093	31Y2	32YG	1978/02/03	020378	314522
8100491	F132	TR6927	0093	31Y2	32YG	1978/03/02	030278	314523
8100491	F132	TR6929	0093	31Y2	32YG	1978/05/08	050878	314525
8100491	F132	TR6930	0093	31Y2	32YG	1978/06/13	061378	314526
8100491	F132	TR6931	0093	31Y2	32YG	1978/07/16	071678	314527
8100491	F132	TR6932	0093	31Y2	32YG	1978/08/17	081778	314528
8100491	F132	TR6933	0093	31Y2	32YG	1978/09/14	091478	314529
8100491	F132	TR6934	0093	31Y2	32YG	1978/10/19	101978	314530
8100491	F069	TR6919	0093	31Y2	32YR	1978/04/17	041778	314515
8100491	F132	TR6928	0093	31Y2	32YR	1976/04/19	041778	314524

(23 rows affected)



Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8100491	F124	TR6912	32L7	12	915	80/05/26	80/05/26
8100491	F069	TR6913	32YG	12	59	77/09/20	77/09/25
8100491	F069	TR6914	32YG	12	61	77/10/21	77/10/24
8100491	F069	TR6915	32YG	13	66	77/11/16	77/11/18
8100491	F069	TR6916	32YG	13	66	77/12/14	77/12/16
8100491	F069	TR6917	32YG	11	56	78/02/03	78/02/04
8100491	F069	TR6918	32YG	13	66	78/03/02	78/03/06
8100491	F069	TR6920	32YG	13	66	78/05/08	78/05/10
8100491	F069	TR6921	32YG	7	36	78/06/13	78/06/13
8100491	F069	TR6922	32YG	5	26	78/07/16	78/07/16
8100491	F069	TR6923	32YG	5	26	78/08/17	78/08/17
8100491	F069	TR6924	32YG	5	26	78/09/14	78/09/14
8100491	F069	TR6925	32YG	5	26	78/10/19	78/10/19
8100491	F132	TR6926	32YG	22	180	78/02/03	78/02/05
8100491	F132	TR6927	32YG	46	468	78/03/02	78/03/18
8100491	F132	TR6929	32YG	35	431	78/05/08	78/05/10
8100491	F132	TR6930	32YG	14	127	78/06/13	78/06/13
8100491	F132	TR6931	32YG	13	107	78/07/16	78/07/16
8100491	F132	TR6932	32YG	13	108	78/08/17	78/08/19
8100491	F132	TR6933	32YG	14	124	78/09/14	78/09/14
8100491	F132	TR6934	32YG	14	109	78/10/19	78/10/19
8100491	F069	TR6919	32YR	13	66	78/04/17	78/04/20
8100491	F132	TR6928	32YR	35	406	76/04/19	78/04/20

(23 rows affected)

Tape D19377, file 15-23

ACCESSION  
NUMBER

8100491

RCVD 4/7/81

## DATA DOCUMENTATION FORM

TR6926-6934

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

FT 002

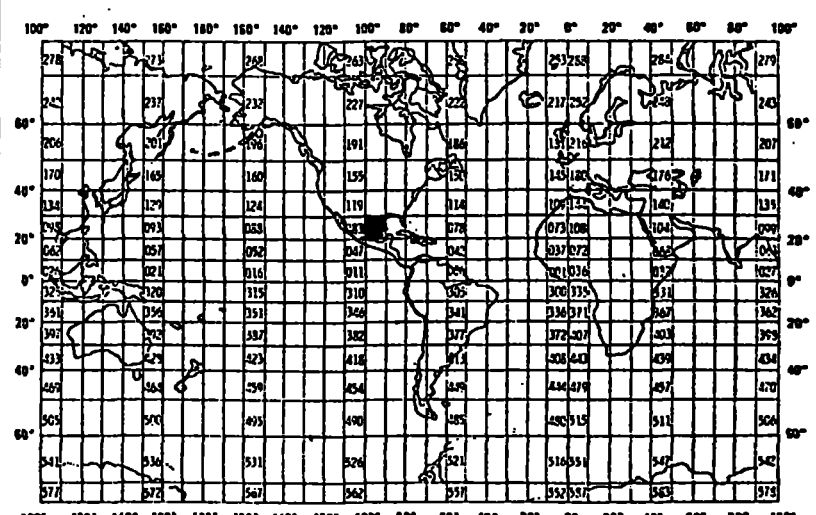
9 TRACKS

(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  SAI/oak Ridge 800 Oak Ridge Turnpike			
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  020378      061378      101978 030278      071678 041778      081778 050878      091478	
4. PLATFORM NAME(S)  Sw. Reacher Pearl	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  2/3/78      10/14/78	
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)  C. Comisky 615-482-9031			

# 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	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  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Format 002  
1 cruise / file

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached  
LTZEL = TBLKSI 31-88

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>H/L</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>

Dummy taxonomic code for SAI Meiofauna, Tape B19377, files 15-23.

<u>DUMMY</u>	<u>SCIENTIFIC NAME</u>
999011	Nematophora

# FORMAT DESCRIPTION: Benthic Macrofauna File (002)

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	"002" (constant)
FILE DATE	4	6	3I2	Yr., Mo., Dy., of file generation
RECORD TYPE	10	1	A1	"1" (File Header Record)
VESSEL	11	11	11A1	(left aligned)
CRUISE	22	6	6A1	Originator's cruise identification
CRUISE DATES	28	17	5(I2,A1),I2	XX/XX/XX-XX/XX/XX Beginning Month, Day, Year; ending Month, day, Year
SENIOR SCIENTIST	45	19	19A1	(left aligned)
INVESTIGATOR	64	22	22A1	Responsible Institution (left aligned)
<u>First Station Header Record</u>				
FILE TYPE	1	3	A3	"002" (constant)
FILE DATE	4	6	3I2	Yr., Mo., Dy. of file generation
RECORD TYPE	10	1	A1	"2" (First Station Header Record)
SEQUENCE	11	3	I3	Sequence of this record type within Station. (Leading zeros or leading blanks)
STATION	14	5	5A1	(May include several grabs)
LATITUDE	19	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	25	1	A1	Hemisphere "N" or "S"
LONGITUDE	26	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	33	1	A1	Hemisphere "W" or "E"
TIME	34	3	I3	GMT in hours to tenths
DATE	37	8	2(I2,A1),I2	XX/XX/XX Station date; Month, Day, Year
BOTTOM	45	5	I5	Water Depth; whole meters
GEAR	50	1	I1	Type of sampling gear. (see attached codes)
REPLICATES	51	2	I2	Number of grabs in this station
SCREEN	53	4	I4	Size in mm to thousandths
NAVIGATION	57	2	I2	(see attached codes)
TEMPERATURE	59	5	I5	Water temp.; degrees Celsius to thousandths
SALINITY	64	5	I5	In parts per thousand to thousandths
OXYGEN	69	4	I4	Dissolved oxygen; hundredths of ml./l.
SURFACE	73	4	I4	Surface area of sample; m <sup>2</sup> to thousandths
PENETRATION	77	4	I4	Depth of sample penetration; cm to tenths
DURATION	81	3	I3	Tow Duration; hours to hundredths
SAMPLE TYPE	84	1	I1	(see attached codes).
blank	85	1	1X	blank
<u>Record Type "2" Terminator</u>				Optional; for those who must re- read their file using FORTRAN.

# FORMAT DESCRIPTION: Benthic Macrofauna File (002)

File Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
<u>Record Type "2" Terminator (Continued)</u>				
IDENT	1	10	A3,3I2,A1	
SEQUENCE	11	2	A3	"998" (constant)
blank	14	72	72X	blank
<u>Second Station Header Record</u>				
FILE TYPE	1	3	A3	"002" (constant)
FILE DATE	4	6	3I2	Yr.,Mo.,Dy., of file generation
RECORD TYPE	10	1	A1	"3" (Second Station Header Record)
SEQUENCE	11	3	I3	Sequence of this record type within Station (Leading zeros or leading blanks)
STATION	14	5	5A1	(May include several grabs)
BAROMETER	19	3	I3	Pressure in millibars to tenths
DRY BULB	22	4	I4	Air temperature; degrees Celsius to tenths
WET BULB	26	4	I4	Air temperature; degrees Celsius to tenths
WIND DIRECTION	30	2	I2	WMO code 0877; tens of degrees
WIND SPEED	32	2	I2	Knots
SEA DIRECTION	34	2	I2	WMO code 0885; tens of degrees
SEA HEIGHT	36	1	A1	WMO code 1555
SWELL DIRECTION	37	2	I2	WMO code 0885
SWELL HEIGHT	39	1	A1	WMO code 1555
WEATHER	40	1	I1	WMO code 4501
CLOUD TYPE	41	1	A1	WMO code 9500
CLOUD COVER	42	1	I1	WMO code 2700
VISIBILITY	43	1	I1	WMO code 4300
TRANSPARENCY	44	4	I4	SECCHI Disk Depth; meters to tenths
TURBIDITY CODE	48	1	I1	(see attached codes)
blank	49	37	37X	blank
Sample Type	56	1	I1	
<u>Record Type "3" Terminator</u>				
IDENT	1	10	A3,3I2,A1	Optional; for those who must re-read their file using FORTRAN.
SEQUENCE	11	3	A3	Same as "Second Station Header Record"
blank	14	72	72X	"998" (constant) blank
<u>Data Record</u>				
FILE TYPE	1	3	A3	"002" (constant)
FILE DATE	4	6	3I2	Yr.,Mo.,Dy., of file generation

FORMAT DESCRIPTION: Benthic Macrofauna File (002)

File Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
<u>Data Record (Continued)</u>				
RECORD TYPE	10	1	A1	"4" (Data Record)
SEQUENCE	11	3	I3	Sequence of this record type within Station (leading zeros or blanks)
STATION	14	5	5A1	(May include several grabs)
REPLICATE	19	2	I2	Grab number within station
SPECIES	21	10	10A1	NODC code
COUNT	31	5	I5	Number of individuals
ASH FREE MASS	36	7	I7	Grams to ten thousandths
WET MASS	43	7	I7	Grams to thousandths
CORRECTED MASS	50	7	I7	Grams to thousandths
MASS DATE	57	8	2(I2,A1),I2	XX/XX/XX Month, Day, Year
PART ANALYZED	65	2	I2	Percent of grab
NUMBER	67	3	I3	Number of species in this grab
blank	70	16	16X	blank
<u>Record Type "4" Terminator</u>				Optional; for those who must re-read their file using FORTRAN.
IDENT	1	10	A3,3I2,A1	Same as "Data Record"
SEQUENCE	11	3	A3	"998" = end station. "999" = end file
blank	14	72	72X	blank



DATE:

TO:

FROM:

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

~~810024~~  
8100224

8100491

- 1) File Type: 002
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR6732-35; 6926-34

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

*See the  
attached  
sheet*

111. PROCESSOR Name: \_\_\_\_\_

## TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

CC/ION/TRACK NO.: 8100224 TR6732-35 8100491 TR6926-34

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B19174	N	80	80	F		652
	B19377	N	80	80	F		1846
DUPLICATE	887	S	80	224	SDF	*	2498
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE		DISJOY * F002. TR6732					2497
EDITED DISK FILE							

\* LABEL = NODC \* F002T6732.

## ERROR

In tracks 6732-34, record type 2; cols. 57-58- Navigation code is incorporated with the screen size data.

Cols. 49-85 (Not a blank field)

Record Type equals 4 (Track 6732, Station number 15)

Longitude recorded as 97407540W (Track 6734, station number 37)

An extra Record Type 2; out-of-order (Station number 52)

Gear Code - Invalid (Track 6928, Station number 00016).

Invalid Taxonomic Codes:

99011

72001

54001

TRACK 0599

REPLICATE COUNT =1(Track 6928)  
=24(Track 6926)

...Errors caused the taxonomic field to inherit invalid data which existed throughout check runs 1-4.

## CORRECTION

Values in cols. 52-56 were right-justified to cols. 53-57.

Deleted data (sample type) found in record type 3, col. 56 and transferred to record type 2, col. 84, where it originally should have been recorded. (File type 002 format)

Record Type changed to equal 2.

Longitude change to 0940754W.

Record Type 2 was deleted.  
Number of records now = 2497

Zero (0) was deleted from gear code.

99901 - Code Not Found \*

720001 - SIPUNCULIDAE

354001 - TINTINNIDIIDAE

Changed to TR8084

Changed to 01

Changed to 02

\* See attached "letter" from Karl addressed to Mitch dated: 7/29/82.

Mitch, called Karl  
7/29/82

7-28-82

I am processing data set:  
8100224, TR 6732-6735/8100491, TR 6926-  
6934, FT 002 - Brine disposal.

The following taxonomic codes  
can not be found:

Dummy  
Code 99011  
999011 NEMATOPHORA (?) listed on  
72001 DDF  
54001

J. Nelson

Mitch,

7-30-82

The spelling that I  
have for taxonomic  
code 720001 is:

SIPUNCULIDAE ←

Which is the correct spelling?  
(refer to attached sheet from  
Karl)

J

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8100491	F124	TR6912	0093	3124	32L7	1980/05/26	052680	314508
8100491	F069	TR6913	0093	31Y2	32YG	1977/09/20	092277	314509
8100491	F069	TR6914	0093	31Y2	32YG	1977/10/21	102177	314510
8100491	F069	TR6915	0093	31Y2	32YG	1977/11/16	111677	314511
8100491	F069	TR6916	0093	31Y2	32YG	1977/12/14	121477	314512
8100491	F069	TR6917	0093	31Y2	32YG	1978/02/03	020378	314513
8100491	F069	TR6918	0093	31Y2	32YG	1978/03/02	030278	314514
8100491	F069	TR6920	0093	31Y2	32YG	1978/05/08	050878	314516
8100491	F069	TR6921	0093	31Y2	32YG	1978/06/13	061378	314517
8100491	F069	TR6922	0093	31Y2	32YG	1978/07/16	071678	314518
8100491	F069	TR6923	0093	31Y2	32YG	1978/08/17	081778	314519
8100491	F069	TR6924	0093	31Y2	32YG	1978/09/14	091478	314520
8100491	F069	TR6925	0093	31Y2	32YG	1978/10/19	101978	314521
8100491	F132	TR6926	0093	31Y2	32YG	1978/02/03	020378	314522
8100491	F132	TR6927	0093	31Y2	32YG	1978/03/02	030278	314523
8100491	F132	TR6929	0093	31Y2	32YG	1978/05/08	050878	314525
8100491	F132	TR6930	0093	31Y2	32YG	1978/06/13	061378	314526
8100491	F132	TR6931	0093	31Y2	32YG	1978/07/16	071678	314527
8100491	F132	TR6932	0093	31Y2	32YG	1978/08/17	081778	314528
8100491	F132	TR6933	0093	31Y2	32YG	1978/09/14	091478	314529
8100491	F132	TR6934	0093	31Y2	32YG	1978/10/19	101978	314530
8100491	F069	TR6919	0093	31Y2	32YR	1978/04/17	041778	314515
8100491	F132	TR6928	0093	31Y2	32YR	1976/04/19	041778	314524

(23 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8100491	F124	TR6912	32L7	12	915	80/05/26	80/05/26
8100491	F069	TR6913	32YG	12	59	77/09/20	77/09/25
8100491	F069	TR6914	32YG	12	61	77/10/21	77/10/24
8100491	F069	TR6915	32YG	13	66	77/11/16	77/11/18
8100491	F069	TR6916	32YG	13	66	77/12/14	77/12/16
8100491	F069	TR6917	32YG	11	56	78/02/03	78/02/04
8100491	F069	TR6918	32YG	13	66	78/03/02	78/03/06
8100491	F069	TR6920	32YG	13	66	78/05/08	78/05/10
8100491	F069	TR6921	32YG	7	36	78/06/13	78/06/13
8100491	F069	TR6922	32YG	5	26	78/07/16	78/07/16
8100491	F069	TR6923	32YG	5	26	78/08/17	78/08/17
8100491	F069	TR6924	32YG	5	26	78/09/14	78/09/14
8100491	F069	TR6925	32YG	5	26	78/10/19	78/10/19
8100491	F132	TR6926	32YG	22	180	78/02/03	78/02/05
8100491	F132	TR6927	32YG	46	468	78/03/02	78/03/18
8100491	F132	TR6929	32YG	35	431	78/05/08	78/05/10
8100491	F132	TR6930	32YG	14	127	78/06/13	78/06/13
8100491	F132	TR6931	32YG	13	107	78/07/16	78/07/16
8100491	F132	TR6932	32YG	13	108	78/08/17	78/08/19
8100491	F132	TR6933	32YG	14	124	78/09/14	78/09/14
8100491	F132	TR6934	32YG	14	109	78/10/19	78/10/19
8100491	F069	TR6919	32YR	13	66	78/04/17	78/04/20
8100491	F132	TR6928	32YR	35	406	76/04/19	78/04/20

(23 rows affected)