

T319174 File 7-10

TAPE

ACCESSION NUMBER

8100224

RCVD: 1/30/81

DATA DOCUMENTATION FORM

TR 6735

TR 6732

TR 6733

TR 6734

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

FT 002

(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 P.O. Box 843 Oak Ridge, Tenn 37830			
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 092277 121477 102177 111677	
4. PLATFORM NAME(S) S W Research	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 9/22/77 12/16/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1). C. Comiskey 615-482-5031			

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
Meio fauna	no. of individual sample	Surface area sampled Core sampler		

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, see attached

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File

7	9/22 - 9/24/77
8	10/21 - 10/24/77
9	11/16 - 11/18/77
10	12/14 - 12/16/77

Record length = block size = 88

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 style="width: 100%; border: none;"> <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>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%; border: none;"> <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>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>					
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<p>7. PARITY</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="font-size: 1.5em; text-align: center; margin-top: 20px;">NL</p>						
<input type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table style="width: 100%; border: none;"> <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"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

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 ² 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

Record Type "2" Terminator

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 0500
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
	56	1		Sample Type - ^{WMO} MICRO FAUNA
<u>Record Type "3" Terminator</u>				
IDENT	1	10	A3,3I2,A1	Optional; for those who must re-read their file using FORTRAN. Same as "Second Station Header Record"
SEQUENCE	11	2	A3	"998" (constant)
blank	14	72	72X	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 <u>Bytes</u>	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

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8100224	F132	TR6732	0093	31Y2	32YG	1977/10/21	102177	314078
8100224	F132	TR6733	0093	31Y2	32YG	1977/11/16	111677	314079
8100224	F132	TR6734	0093	31Y2	32YG	1977/12/12	121477	314080
8100224	F132	TR6735	0093	31Y2	32YG	1977/09/20	092277	314081

(4 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8100224	F132	TR6732	32YG	46	233	77/10/21	77/10/24
8100224	F132	TR6733	32YG	35	183	77/11/16	77/11/18
8100224	F132	TR6734	32YG	35	181	77/12/12	77/12/18
8100224	F132	TR6735	32YG	42	217	77/09/20	77/09/25

(4 rows affected)