

DDF A:3:11

DATA DOCUMENTATION FORM

~~2998~~
F004

NOAA FORM 24-13
(4-74)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R2651

TR4068
TR4069
TR4070
TR4071-

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.

QUADI TAPE = 012519, LABEL = (NL)

COPY OF ORIGINATOR'S DATA = 5839

A. ORIGINATOR IDENTIFICATION

LABEL = (2,SL)

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

DSN = BRINE FILE 004

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Texas A and M University Environmental Engineering Division College Station, TX 77843 FT 004			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Bryan Mound Strategic Petroleum Reserve Program		091577, 102077, 111777, 121877	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
R/V EXCELLENCE	Research Vessel	PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
		USA USA	9/15/77 12/19/77
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.	
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)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Dr. Roy W. Hann, Jr. Project Manager			

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
Salinity Temp	ppt °C	Beckman RS5 "		

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

PHYSICS AND CHEMISTRY FORMAT 004 - 80 col cards

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME 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>

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

USER TAPE

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER D 752 - NOAA/EDIS/NODC - 202-634 7505
ADDRESS WASHINGTON, DC. 20235

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 checked="" 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>000505 (SL)</p> <p>DSN = TR 4068</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>4800</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>80</p>

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH in bytes		17. ATTRIBUTES (FORTRAN)	18. USE AND MEANING
		NUMBER			
<u>File Header Record</u>					
FILE TYPE	1	3	A3	"004" (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 identifiers	
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	17	17A1	Responsible Institution (left aligned)	
<u>First Station Header Record</u>					
FILE TYPE	1	3	A3	"004" (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	Station identifier.	
LATITUDE	19	6	3I2	Degrees, Minutes, Seconds	
LATHEM	25	1	A1	Hemisphere "N" or "S"	
LONGITUDE	26	7	I3,2I2	Degrees, Minutes, Seconds	
LONHEM	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, meters to tenths	
NAVIGATION	50	2	I2	(See attached codes)	
METHOD	52	1	I1	(See attached codes)	
blank	53	28	28X	blank	

Water Physics and Chemistry (File Type "004"))

2 3

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH in bytes	17. ATTRIBUTES (FORTRAN)	18. USE AND MEANING
		NUMBER		
<u>Record Type "2" Terminator</u>				Optional; for those who must re-read their file using FORTRAN. "998" (constant) blank
IDENT	1	10	A3,3I2,A1	
SEQUENCE	11	3	I3	
blank	14	67	67X	
<u>Second Station Header Record</u>				
FILE TYPE	1	3	A3	"004" (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	Station identifier
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	32	32X	blank

Water Phsics and Chemistry (File Type "004")

3 3

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (a.g., bits, bytes)	16. LENGTH in bytes NUMBER	17. ATTRIBUTES (FORTRAN)	18. USE AND MEANING
Record Type "3" Terminator				Optional for those who must re-read their files in FORTRAN.
IDENT	1	10	A3,3I2,A1	Same as "Second Station Header Record"
SEQUENCE	11	3	I3	"998" (constant)
blank	14	67	67X	blank
Data Record				
FILE TYPE	1	3	A3	"004" (constant)
FILE DATE	4	6	3I2	Yr., Mo., Dy., of file generation
RECORD TYPE	10	1	A1	"4" (Data Record)
SEQUENCE	11	3	I3	Sequence of this record type within Station. (Leading zeros or leading blanks)
STATION	14	5	5A1	Station identifier
DEPTH	19	4	I4	Sample depth, meters to tenths
TEMPERATURE	23	5	I5	Water temp.; degrees Celsius to thousandths
SALINITY	28	5	I5	Salinity; parts per thousand to thousandths
SIGMA-T	33	4	I4	Sigma-t to hundredths
TRANSMISSIVITY	37	3	I3	Transmissivity; percent to tenths
PH	40	3	I3	pH to hundredths
EH	43	4	I4	Eh to hundredths
OXYGEN	47	4	I4	Dissolved; hundredths of ml./liter
AMMONIA	51	3	I3	Tenths of microgram (µg)-atoms/liter
NITRITE	54	3	I3	Hundredths of µg-atoms/liter
NITRATE	57	4	I4	Hundredths of µg-atoms/liter
SILICATE	61	4	I4	Hundredths of µg-atoms/liter
PHOSPHATE	65	3	I3	Inorganic; hundredths of µg-atoms/liter
SOLIDS	68	4	I4	Suspended solids in hundredths of mg./liter
TURBIDITY	72	4	I4	Turbidity; in hundredths of mg./liter
CHLOROPHYLL	76	5	I5	Chlorophyll; in hundredths of mg./meter ³
Record Type "4" Terminator				Optional; for those who must re-read their file using FORTRAN.
IDENT	1	10	A3,3I2,A1	Same as "Data Record"
SEQUENCE	11	3	I3	"998" = end station. "999" = end file
blank	14	67	67X	blank

2-23-77

[illegible]

DATA RECORD

2-23-77

[illegible]

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 78-0318

- 1) File Type: 004
- 2) Project Ident.: SPR - BRINE DISPOSAL (RE1202)
- 3) Track Nos.: ~~TR 4068~~ TR 4068 - TR 4071

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

TR 4071
Stations 18, 19, 20, 21
Duplicate Sta. NOS.

Second set of
of numbers
re-numbered.

III. Processor Name: _____

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800318	F004	TR4068	0093	3124	32L7	1977/09/15	091577	306826
7800318	F004	TR4069	0093	3124	32L7	1977/09/15	102177	306827
7800318	F004	TR4070	0093	3124	32L7	1977/09/15	111777	306828
7800318	F004	TR4071	0093	3124	32L7	1977/09/15	121877	306829

(4 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800318	F004	TR4068	32L7	27	135	77/09/15	77/12/19
7800318	F004	TR4069	32L7	19	130	77/09/15	77/12/19
7800318	F004	TR4070	32L7	22	129	77/09/15	77/12/19
7800318	F004	TR4071	32L7	31	186	77/09/15	77/12/19

(4 rows affected)