

RCVD:

CARDS ~~DDF 15:3:09~~

ACCESSION NUMBER

79-0333

10/24/79

DMOZIA DATA
DATA DOCUMENTATION FORM
DUSE 332.021. DATA

DDF 15:3:09

NOAA FORM 24-13
(4-77)

FT021

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

TR 5024

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

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

FILE ID = 790901

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED ERCO 185 Alewife Brook Parkway Cambridge, Mass 02138			
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 79023	
4. PLATFORM NAME(S) Gus III	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 1/23/79 1/28/79
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Keith Haukuecht 617-661-3111			

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Total Suspended matter	mg/l			
Particle size distribution				
Suspended particles	cumulative %			
TOC	mg/l			

C. DATA FORMAT

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

**LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE**

Format 021 , cards

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

LANGUAGES AS EXPRESSED IN PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER J. Foreman
 ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

FORMAT DESCRIPTION: TRACE METALS (021)

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

FORMAT DESCRIPTION: TRACE METALS (021)

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

Data Type II

RECORD TYPE 4 NOT USED

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

RECORD FORMAT DESCRIPTION

2-27-79

RECORD NAME Trace Metals (Data IV)

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

FORMAT DESCRIPTION: TRACE METALS (021)

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

FORMAT DESCRIPTION: TRACE METALS (021)

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

FORMAT DESCRIPTION: TRACE METALS (021)

Field Name	Position from -1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Particle Size 3</u>				
File Type	1	3	A3	'021'
File Identifier	4	6	A6	'YYMDD' = date of file creation or unique cruise number
Record Type	10	1	A1	'C'
Sequence Number	11	3	I3	Ascending order for sorting
Station Number	14	5	A5	
Sample Depth	19	4	I4	Whole meters
Replicate Number	22	1	I1	
Lab Sample Number	24	4	A4	Originator's internal number
Particle Sizes				Cumulative percent to tenths
< 9.15μ	28	3	I3	
< 9.76μ	31	3	I3	
< 10.42μ	34	3	I3	
< 11.12μ	37	3	I3	
< 11.87μ	40	3	I3	
< 12.67μ	43	3	I3	
< 13.53μ	46	3	I3	
< 14.44μ	49	3	I3	
< 15.41μ	52	3	I3	
< 16.45μ	55	3	I3	
< 17.56μ	58	3	I3	
< 18.74μ	61	3	I3	
< 20.00μ	64	3	I3	
< 21.35μ	67	3	I3	
< 22.79μ	70	3	I3	
< 24.32μ	73	3	I3	
< 25.96μ	76	3	I3	
Blank	79	2	2x	

RECORD FORMAT DESCRIPTION

4-30-79

RECORD NAME Trace Metals (Particle Size Record)

FIELD NAME	15. POSITION FROM 1 MEASURED IN Bytes (10 & 20 bits, bytes)	16. LENGTH		17. TYPE	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A5	Always '021'
File Identifier	4	6	Bytes	A6	'YYMMDD' = date of file creation or unique cruise number
Record Type	10	1	Bytes	A1	Always 'D'
Sequence Number	11	3	Bytes	I3	Ascending order for sorting
Station Number	14	5	Bytes	A5	
Sample Depth	19	4	Bytes	I4	Whole meters
Replicate Number	23	1	Bytes	I1	
Lab Sample Number	24	4	Bytes	A4	Originator's internal number
Particle Sizes					Cumulative percent to tenths
<27.71 μ	28	3	Bytes	I3	Cumulative percent to tenths
<29.57 μ	31	3	Bytes	I3	
<31.56 μ	34	3	Bytes	I3	
<33.66 μ	37	3	Bytes	I3	
<35.96 μ	40	3	Bytes	I3	
<38.38 μ	43	3	Bytes	I3	
<40.96 μ	46	3	Bytes	I3	
<43.72 μ	49	3	Bytes	I3	
<46.66 μ	52	3	Bytes	I3	
Blank	55	26	Bytes	26X	

Data Set Route Sheet

TR 5024

Accession # 79-0333

Step	Completion Date/Init.		Tape #,	# of Files	BLKSIZE,	LRECL
1. Originator Tape #	10/24/79	FJM	CARDS	1	80	80
2. ^{QUAD} Duplicate Tape #	12/3/79	FJM	13363	1	4800	80
3. DDF Evaluation						
4. Quality Review						
5. Preliminary Data Sort						
6. Preliminary Check	07/28/80	CMK				
7. First User Tape #	10/02/80	CMK	015282 1st file	1	4800	80
8. Final User Tape #						
9. Final Check						
10. NAPIS Inventory						
11. DIP Inventory						
12. Data Set 'Finalized'						

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0333

- 1) File Type: 021
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR5024

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

See attached correction sheet

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

79-0333

No corrections

TAPE ASSIGNMENT SHEET

(MRL) 11/6/78

79-0333

ACCESSION NO:

TR5024

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
QUADRI DUPLICATE	13363 13363	N	80	4800	FB	
REFORMATTED						
FIRST USER	LAST 782 last file	USM	80	4800		SDF 19 30 77 6/1/78
FINAL USER	DMXOEK MPT 75. FDZIT5024					

TAPE ASSIGNMENT SHEET

(MRL) 11/6/78

TR5024

79-0333

ACCESSION NO:

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
QUADRI DUPLICATE	13363 13363	N	80	4800	FB	
REFORMATTED						
FIRST USER	AM528 list file	11511	15110	15110		SDF 19 SC/71 21 AMIT
FINAL USER	DMNOE* MRO75, FD215024					

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900333	F144	TR5024	0093	31X7	31G3	1979/01/25	790901	310505

(1 row affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7900333	F144	TR5024	31G3	18	91	79/01/25	79/01/28

(1 row affected)