

RCVD: 8/20/79

B18174

ACCESSION NUMBER

79-0293

DDF-B:1:16

DATA DOCUMENTATION FORM

REPLACES

TR4532

79-0023

DAA 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 005

TR 3833 - TR 3836

FO05

(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

Dames and Moore  
Suite 700  
7101 Wisconsin Ave, Bethesda, Md 20014

PI = DG MCGRATH

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

WIATP 121577

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
WIATP	Buoy	USA	USA	12/15/77	3/19/78

8. ARE DATA PROPRIETARY?

NO  YES

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

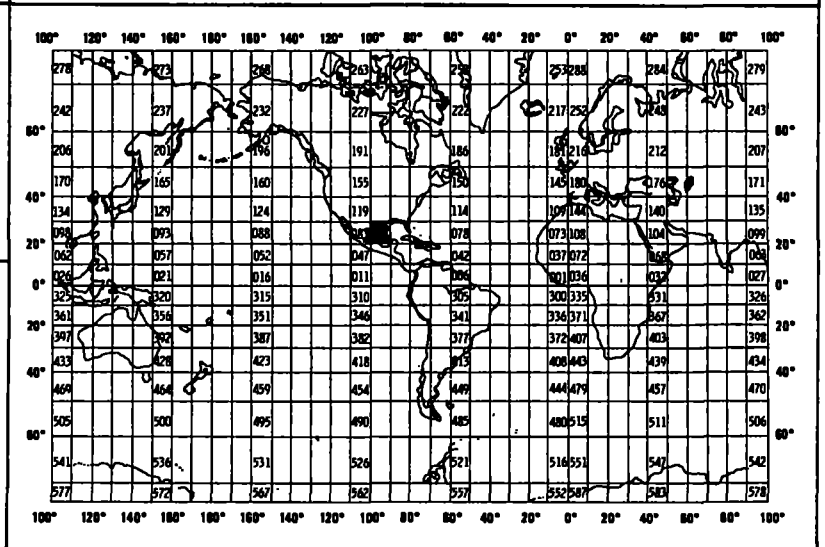
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

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)

George Weisburg  
301-652-2215

## 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
<p>Current                      speed                      Direction</p>	<p>cm/sec                      Degrees of Arc</p>	<p>} Endeco meter</p>		

### 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

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, mag tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See Attached

3. ATTRIBUTES AS EXPRESSED IN

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J. Foreman 634-7327

ADDRESS

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" 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 checked="" type="checkbox"/> SEVEN</p> <p><input 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>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>

## C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

FORMAT DESCRIPTION: Aanderaa Current Meter Eulerian (005)

*Being re-done.*

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
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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 44	29A1 44	Optional Comments

Station Header Record

IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	5	3I2	Degrees, Minutes, Secnds
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
WATER <i>Sensor Serial</i>	35	4	I4	Depth in Meters
<del>blank <i>Number</i></del>	<del>39</del>	<del>24</del>	<del>2X A4</del>	<del>blank</del>
<del>Blank</del>	<del>43</del>	<del>18</del>	<del>18x</del>	

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

16  
60

16  
18

## Data Set Route Sheet

TR 4532

Accession # 79-0293

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	8/20/79 FJM	B18174 1	60	60
2. Duplicate Tape # QUADI	10/4/79 FJM	6650 1	4800	60
3. DDF Evaluation				
4. Quality Review				
5. Preliminary Data Sort				
6. Preliminary Check	10/30/79 EA	6650 1	4800	60
7. First User Tape #				
8. Final User Tape #	12/19/79 EA	006505 1	4800	60
9. Final Check	12/20/79 EA	006505 1	4800	60
10. NAPIS Inventory				
11. DIP Inventory				
12. Data Set 'Finalized'				



# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0293 TR 4532

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18174	N	60	60	F	
QUADRI DUPLICATE	6650	N	60	4800	FB	
REFORMATTED						
FIRST USER						
FINAL USER	006505	SL	60	4800	FB	DSN=TR 4532

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0293

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 4532

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
'999' IN MISSING DATA FIELD	REMOVED ✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
Record type '3' added zeros to the hour and field hour.	✓

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

44  
288

005-67

#2 013929

ANSE —

382

372(C4219)

60/4800, DSN=FOOS

#1 000902-UNIVAC

001561 SDF-BACKUP  
N300XFOOSB.

TR 4036, 4039-4040, 4042, 4045, 4048, 4064, 4066  
4117-4119, 4186-4187, 4331-4399, 4401-4416,  
4426-4438, 4463-4468, 4532-4535, 4538-4539,  
4563, 4797-4810, 4817-4935, 4975-5005

434396

accession-no: 79-0293  
Bine Disposal Page

NSDCHEK \*\*\* NON-STANDARD DATA FIELD CHECKING PROGRAM  
THIS IS 01/11/79 VERSION WITH FULL CODE CHECKING

USER'S INPUT REQUESTS FOLLOW:  
LRECL HAS BEEN SPECIFIED AS 60  
STATION HEADER RECORD SPECIFIED AS 2  
RECORD TYPES FLAGGED FOR RETRIEVAL ARE - 123  
STATION STARTS IN POSITION 11 FOR 5 BYTES  
STATION WILL APPEAR ON RECORD TYPES : 123  
RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS  
FILETYPE IS 005

NO OBVIOUS ERRORS FOUND IN TABLE GENERATION PHASE - SUCCESSFUL EXECUTION EXPECTED

\*\*\*\*\*  
005TR45321WIATP1SPR BRINE DISPOSAL ANALYSIS PROGRAM

?????

FIRST FILE ID

\*\*\*\*\*  
005TR45321WIATP1SPR BRINE DISPOSAL ANALYSIS PROGRAM

?????

STATION NUMBER HAS CHANGED WITHOUT A MASTER

\*\*\*\*\*  
005TR45322WIATP291930N0914R12W0003

????

DATA BELOW RANGE IN SENSOR DEPTH METERS TO 1  
THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC/Z=NO CHECKING

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S. DEV	COUNT	FP	FP=1	Z=1
Z	1	11	5	METER NUMBER					3			
N	1	16	1	SEQUENCE	NO RANGE CHECKING	1 3	2.00	.81	3	3	0	0
Z	2	11	5	METER NUMBER					1			
M	2	16	2	LAT DEG	0 0	89 29	29.00	.00	1	1	0	0
M	2	18	2	LAT MIN	0 0	59 19	19.00	.00	1	1	0	0
N	2	20	2	LAT SEC	0 0	59 30	30.00	.00	1	1	0	0
C	2	22	1	0500LAT HEM					1			
M	2	23	3	LON DEG	0 0	179 91	91.00	.00	1	1	0	0
M	2	26	2	LON MIN	0 0	59 48	48.00	.00	1	1	0	0
N	2	28	2	LON SEC	0 0	59 12	12.00	.00	1	1	0	0
C	2	30	1	0501LON HEM					1			
N	2	31	4	SENSOR DEPTH METERS TO 1	10 9999	3 3	3.00	.00	1	1	0	0
N	2	35	4	WATER DEPTH METERS TO 1	100 9999	NO VALUES FOUND FOR THIS PARAMETER						
Z	2	39	4	SENSOR SERIAL NUMBER								
B	2	43	18									
Z	3	11	5	METER NUMBER					4511			
M	3	16	2	YEAR	NO RANGE CHECKING	77 78	77.82	1.14	4511	4511	0	0
M	3	18	2	MONTH	1 1	12 12	3.59	3.90	4511	4511	0	0
M	3	20	2	DAY	1 1	31 31	15.60	8.54	4511	4511	0	0
M	3	22	4	HOUR TO .01	0 0	2399 0	1174.89	692.67	4511	4511	0	0
N	3	26	3	DIRECTION-WHOLE DEG FROM T NRTH	0 0	359 3	160.05	127.49	4511	4511	0	0
N	3	29	4	CURRENT VELOCITY WHOLE CM/SEC	0 0	5000 0	6.82	3.04	4510	4510	0	0
N	3	33	3	TEMP DEG C TO .1	20 9999	NO VALUES FOUND FOR THIS PARAMETER						
N	3	36	4	PRESSURE KG/SQ CM TO .01	10 9999	NO VALUES FOUND FOR THIS PARAMETER						
N	3	40	4	CONDUCTIVITY MMHMS/CM TO .01	1500 5000	NO VALUES FOUND FOR THIS PARAMETER						
N	3	44	2	INCLINOMETER TILT WHOLE DEG	0 0	18 18	NO VALUES FOUND FOR THIS PARAMETER					
N	3	46	3	WIND DIREC-TRUE DIREC WHOLE DEG	0 0	359 3	NO VALUES FOUND FOR THIS PARAMETER					
N	3	49	4	WIND SPEED CM/SEC	0 0	3200 0	NO VALUES FOUND FOR THIS PARAMETER					
N	3	53	3	SEA DIREC TRUE DIREC	0 0	359 3	NO VALUES FOUND FOR THIS PARAMETER					
N	3	56	3	SEA HEIGHT DOMINANT WAVES CM	0 0	900 900	NO VALUES FOUND FOR THIS PARAMETER					
N	3	59	2	SEA PERIOD OF DOM WAVES IN SEC	1 1	99 99	NO VALUES FOUND FOR THIS PARAMETER					

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900293	F005	TR4532	0093	312K	317F	1977/12/15	790901	309949

(1 row affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7900293	F005	TR4532	317F	4	4515	77/12/15	78/03/19

(1 row affected)