

B18205
~~Page 2~~ACCESSION
NUMBER

79-0023

FILE ID

781201

DDF B:2:19 DATA DOCUMENTATION FORM

COPY MAIL

TR3826

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

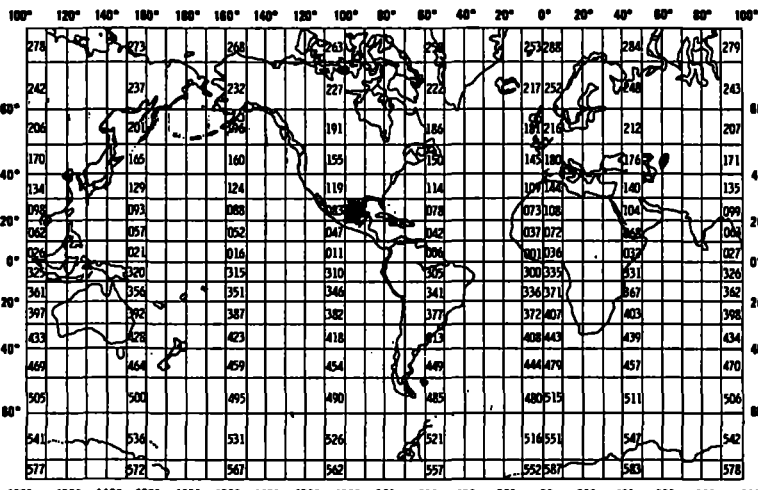
F191

(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 NODC, NSTL Station, Miss. 39529			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED STR-Brine Disposal Analysis Prog.		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT SDOZ 100178	
4. PLATFORM NAME(S) SDOZ	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 10/1/78 10/31/78
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) William L. BeachT 601-688-2506	

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	7or	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
Wind speed and direction	m/sec Degrees of arc	Bendix 123A J-Tec VA-310		
Air Temp	°C	YSI		
Sfc. Water Temp	°C	YSI		

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

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.

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 091, mag 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 Jack Foreman
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

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

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

ADDRESS

7752-NOAA/EDIS/NODC-202-634-7505
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 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> </p> <p> </p> <p> </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> </p>	
<p>13. LENGTH OF BYTES IN BITS</p> <p> </p>	

C. DATA FORMAT

7726

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

Record type "1" (position 10) is Descriptive. The file, Platform location, Sampling and Originator are described.

Record type "B" (position 10) is Environmental Data. File Keys are included along with Meteorology and Wave conditions.

~~Record type "3" (position 10) is Wave Spectra Data. File Keys are included along with the Spectral Wave Data.~~

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

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

PARAMETER	DESCRIPTION	SC
DESCRIPTIVE HEADER RECORD	ALWAYS '1'	10
STATION	SIX-CHARACTER UNIQUE NAME OF OBSERVATION POINT	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	27
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	34
WOTON DEPTH	XXXXX - METERS TO TENTHS	42
MAGNETIC VARIATION	XXXX - WHOLE DEGREES FROM TRUE NORTH (SIGNED VALUE)	47
WAVE HEADING	XXX - WHOLE DEGREES FROM TRUE NORTH	50
SAMPLING RATE	XXXX - ORIGINAL MEASUREMENTS PER MINUTE, TO TENTHS	54
SAMPLING DURATION	XXXX - MINUTES TO HUNDRETHS	56
TOTAL INTERVALS	XXX - NUMBER OF FREQUENCY INTERVALS	62
CHIEF SCIENTIST	20-CHARACTER FIELD FOR SCIENTIST NAME	65
INSTITUTION	20-CHARACTER FIELD FOR DATA SOURCE	85
COMMENTS	16-CHARACTER FIELD	105

ENVIRONMENTAL DATA RECORD	ALWAYS '6'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
ALTITUDE	XXX - METEOROLOGY (METERS TO TENTHS)	27
AIR TEMPERATURE	XXXX - DEGREES C TO TENTHS	30
SEA POINT	XXXX - DEGREES C TO TENTHS	34
BAROMETER	XXXXX - REDUCED TO SEA LEVEL (MP TO TENTHS)	39
WIND SPEED	XXXX - M/SEC TO HUNDRETHS	43
WIND DIRECTION	XXXX - DEGREES FROM TRUE NORTH TO TENTHS	47
WAVE PERIOD	ONE CHARACTER CODE - USE CODE 010P	51
PRECIPITATION	XXX - NAUTICAL MILES TO TENTHS	52
SOLAR RADIATION	XXXX - ACCUMULATION IN MILLIMETERS	55
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDRETHS, WAVE LENGTH LESS THAN 3.6 MICRONS	59
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDRETHS, WAVE LENGTH 4.0 TO 50 MICRONS	62
SIGNIFICANT WAVE HEIGHT	XXX - CORRECTED FOR LOW FREQUENCY NOISE (METERS TO TENTHS)	65
AVERAGE WAVE PERIOD	XXX - SECONDS TO TENTHS	68
AVERAGE WAVE DIRECTION	XXX - DIRECTION OF PREDOMINANT WAVES IN WHOLE DEGREES FROM TRUE NORTH	71
HIGHEST CREST	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	74
DEEPEST TROUGH	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	77

TEMPERATURE	XXXX - SEA SURFACE (DEGREES C TO HUNDRETHS)	80
SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	84
CONDUCTIVITY	XXXXX - MILLIMHO/CM TO THOUSANDTHS	88
FLANKS		94

WAVE SPECTRA DATA RECORD	ALWAYS '3'	97
STATION	SEE RECORD '1'	1
OBSERVED DATE (GMT)	YYMMDD	1
OBSERVED TIME (GMT)	HHMM	23
INTERVALS PER DIRECTION	XXX - TOTAL NUMBER OF FREQUENCIES IN THIS DIRECTION OR ZERO FOR NON-DIRECTIONAL	27
DIRECTION	XXXX - DEGREES TO TENTHS FROM TRUE NORTH OR '9999' FOR NON-DIRECTIONAL	30
COUNT	X - NUMBER OF FREQUENCIES ON THIS RECORD	34
DATA	UP TO 5 FREQUENCY, RESOLUTION, AND DENSITY FIELDS. NULL FIELDS ARE ZERO OR BLANK	
FREQUENCY	XXXX - CENTER FREQUENCY OF INTERVAL IN HERTZ TO THOUSANDTHS	35
RESOLUTION	XXXX - RESOLUTION OF INTERVAL IN HERTZ TO TENTH THOUSANDTHS	39
DENSITY	XXXXXX - SPECTRAL DENSITY OF INTERVAL IN SQ H/Hz TO THOUSANDTHS	43
FREQUENCY	SEE ABOVE	49
RESOLUTION	SEE ABOVE	53
DENSITY	SEE ABOVE	57
FREQUENCY	SEE ABOVE	63
RESOLUTION	SEE ABOVE	67
DENSITY	SEE ABOVE	71
FREQUENCY	SEE ABOVE	77
RESOLUTION	SEE ABOVE	81
DENSITY	SEE ABOVE	85
FREQUENCY	SEE ABOVE	91
RESOLUTION	SEE ABOVE	95
DENSITY	SEE ABOVE	99
FLANKS		105

APPARENT END OF DATA SET

APPARENT END OF DATA SET

S
SAVED

B027003ALTITUDE
B030004AIR TEMP
B034004DEWPOINT TEMP
B038005BAROMETER
B043004WIND SPEED
B047004WIND DIRECTION
B051001WEATHER
B052003VISIBILITY
B055004PRECIPITATION
B059003SOLAR RADIATION
B062003SOLAR RADIATION
B065003SIGNIF WAVE HT.
B068003AVG. WAVE PER.
B071003AVG. WAVE DIR.
B074003HIGHEST CREST
B077003DEEPEST TROUGH
B080004SURFACE TEMP
B084005SURFACE SALINITY
B089005SURF. CONDUCTIVITY
1042005DEPTH TO BOTTOM
1047004MAGNETIC VARIATION
1051003BOUY HEADING
1062003TOTAL INTERVALS
2027003INTERVALS/DIR
300004DIRECTION
3035004FREQUENCY
3039004RESOLUTION
3043006DENSITY
3049004FREQUENCY
3053004RESOLUTION
3057006DENSITY
3063004FREQUENCY
3067004RESOLUTION
3071006DENSITY
3077004FREQUENCY
3081004RESOLUTION
3085006DENSITY
3091004FREQUENCY
3095004RESOLUTION
3099006DENSITY
END OF DATA

SVE

READY

SET NAPI SCT. PARMF (F091)

DATA SET NAPI SCT. PARMF (F091) NUMBERING ERROR -- USING NONUM

SEN 1 1

ARNING, RENUMBERING DATA SET MAY CAUSE LOSS OF DATA
HIT CARRIER RETURN TO RENUMBER OR ENTER A NEW SUBCOMMAND-

00040 3099006DENSITY

NONUM

B *

3099006DENSITY

SVE

SAVED

READY

40 parameters

F091 -

Corrections

43	04	EQ	'-999'	AND
47	04	EQ	'-999'	AND
43	08	=	'66666666'	FELS
30	04	EQ	'-999'	AND
43	04	EQ	'-999'	AND
47	04	EQ	'-999'	AND
80	04	EQ	'-999'	AND
01	03	=	'666'	FELS
10	01	EQ	'3'	AND
48	02	EQ	'666'	AND
48	02	EQ =	'000'	FELS

Dip. Form. F091

Precipitation 6055004
 Solar Radiation 6059003
 " " 6062003
 Temperature - 6080004
 Salinity - 6084005
 Conductivity 6089005

Density 3085006
 3099006

Direction 3030004
 F.R. Frequency 3035004
 Resolution 3049004
 Density 3063004
 3077004
 3091004
 Resolution 3039004
 3053004
 3067004
 3081004
 3095004
 Density 3043006
 3057006
 3071006

FILE TYPE 191 - METEOROLOGY AND WAVE SPECTRA - 12/7/79 VERSION

NOTES AND CORRECTIONS

THIS FORMAT IS USED TO REPORT METEOROLOGICAL DATA AND OCEAN WAVE SPECTRA DATA FROM NDBO. THE FORMAT CONTAINS FIVE DATA RECORD TYPES TO:

1) IDENTIFY THE BUOY FOR POSITION, DURATION, RATE OF SAMPLING AND HEADING,
2) IDENTIFY THE METEOROLOGICAL PARAMETERS (TEMPERATURE, PRESSURE, WEATHER, SOLAR RADIATION, AND SURFACE WAVES), AND 3) REPORT TIME SERIES FREQUENCY, DENSITY AND RESOLUTION OF WAVES.

EACH RECORD IS 120 CHARACTERS IN LENGTH, SORTED BY STATION AND RECORD TYPE.

*****NOTE*****

THIS FORMAT REPLACES FILE TYPE 091.

*****NOTE*****

PARAMETER	DESCRIPTION	SC
DESCRIPTIVE HEADER RECORD	ALWAYS '1'	10
STATION	SIX-CHARACTER UNIQUE NAME OF OBSERVATION POINT	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	27
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	34
BOTTOM DEPTH	XXXX - METERS TO TENTHS	42
MAGNETIC VARIATION	XXXX - WHOLE DEGREES FROM TRUE NORTH (SIGNED VALUE)	47
BUOY HEADING	XXX - WHOLE DEGREES FROM TRUE NORTH	51
SAMPLING RATE	XXXX - ORIGINAL MEASUREMENTS PER MINUTE, TO TENTHS	54
SAMPLING DURATION	XXXX - MINUTES TO HUNDREDTHS	58
TOTAL INTERVALS	XXX - NUMBER OF FREQUENCY INTERVALS	62
CHIEF SCIENTIST	20-CHARACTER FIELD FOR SCIENTIST NAME	65
INSTITUTION	20-CHARACTER FIELD FOR DATA SOURCE	85
WIND SAMPLING DURATION	XXX - MINUTES TO TENTHS	105
COMMENTS	16-CHARACTER FIELD	108
ENVIRONMENTAL DATA RECORD	ALWAYS '2'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
ALTITUDE	XXX - METEOROLOGY (METERS TO TENTHS)	27
AIR TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	30
DEW POINT	XXXX - DEGREES C TO TENTHS	34
BAROMETER	XXXXX - REDUCED TO SEA LEVEL (MB TO TENTHS)	38
WIND SPEED	XXXX - M/SEC TO HUNDREDTHS	43
WIND DIRECTION	XXXX - DEGREES FROM TRUE NORTH TO TENTHS	47
WEATHER	ONE-CHARACTER CODE - USE CODE 0108	51
VISIBILITY	XXX - NAUTICAL MILES TO TENTHS	52
PRECIPITATION	XXXX - ACCUMULATION IN MILLIMETERS	55
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDTHS, WAVE LENGTH LESS THAN 3.6 MICRONS	59
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDTHS, WAVE LENGTH 4.0 TO 50 MICRONS	62
SIGNIFICANT WAVE HEIGHT	XXX - CORRECTED FOR LOW FREQUENCY NOISE (METERS TO TENTHS)	65
AVERAGE WAVE PERIOD	XXX - SECONDS TO TENTHS	68
AVERAGE WAVE DIRECTION	XXX - DIRECTION OF PREDOMINANT WAVES IN WHOLE DEGREES FROM TRUE NORTH	71
HIGHEST CREST	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	74
DEEPEST TROUGH	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	77

TEMPERATURE	XXXX - SEA SURFACE NEGATIVE	80
	TEMPERATURES ARE PRECEDED BY A MINUS	
	SIGN ADJACENT TO TEMPERATURE VALUE -	
	DEG C TO HUNDREDTHS	
SALINITY	XXXXX - PARTS PER THOUSAND TO	84
	THOUSANDTHS	
CONDUCTIVITY	XXXXX - MILLIMHOS/CM TO THOUSANDTHS	89
DOMINANT WAVE PERIOD	XXX - SECONDS TO TENTHS	94
MAXIMUM WAVE HEIGHT	XXX - METERS TO TENTHS	97
MAXIMUM WAVE STEEPNESS	XXX	100
WIND GUST	XXXX - METERS/SECOND TO HUNDREDTHS	103
WIND GUST AVERAGING PD	XX - SECONDS	107
WIND GUST	XXXX - METERS/SECOND TO HUNDREDTHS	109
WIND GUST AVERAGING	XX - SECONDS	113
PERIOD		
BLANKS		115
WAVE SPECTRA DATA RECORD	ALWAYS '3'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
INTERVALS PER DIRECTION	XXX - TOTAL NUMBER OF FREQUENCIES IN	27
	THIS DIRECTION OR ZERO FOR NON-	
	DIRECTIONAL	
DIRECTION	XXXX - DEGREES TO TENTHS FROM TRUE	30
	NORTH OR '9999' FOR NON-DIRECTIONAL	
COUNT	X - NUMBER OF FREQUENCIES ON THIS	34
	RECORD	
DATA	UP TO 5 FREQUENCY, RESOLUTION, AND	
	DENSITY FIELDS. NULL FIELDS ARE ZERO OR	
	BLANK	
FREQUENCY	XXXX - CENTER FREQUENCY OF INTERVAL IN	35
	HERTZ TO THOUSANDTHS	
RESOLUTION	XXXX - RESOLUTION OF INTERVAL IN HERTZ	39
	TO TEN-THOUSANDTHS	
DENSITY	XXXXXX - SPECTRAL DENSITY OF INTERVAL	43
	IN M2/HZ TO THOUSANDTHS	
FREQUENCY	SEE ABOVE	49
RESOLUTION	SEE ABOVE	53
DENSITY	SEE ABOVE	57
FREQUENCY	SEE ABOVE	63
RESOLUTION	SEE ABOVE	67
DENSITY	SEE ABOVE	71
FREQUENCY	SEE ABOVE	77
RESOLUTION	SEE ABOVE	81
DENSITY	SEE ABOVE	85
FREQUENCY	SEE ABOVE	91
RESOLUTION	SEE ABOVE	95
DENSITY	SEE ABOVE	99
BLANKS		105

SUBSURFACE TEMPERATURE DATA ALWAYS '4' 10
 RECORD
 STATION SEE RECORD 11
 OBSERVED DATE (GMT) YYMMDD 17
 OBSERVED TIME HHMM 23
 DEPTH* XXXXX - METERS TO TENTHS 27
 *THIS FIELD IS REPEATED 9 TIMES STARTING IN COLS 36,45,54,63,72,
 81,90,99, AND 108
 TEMPERATURE* XXXX - SEA SURFACE NEGATIVE TEMPERATURES 32
 ARE PRECEDED BY A MINUS SIGN ADJACENT TO
 TEMPERATURE VALUE - DEG C TO HUNDREDTHS
 *THIS FIELD IS REPEATED 9 TIMES STARTING IN COLS 41,50,59,68,77,
 86,99,104, AND 113
 BLANKS 117

SUBSURFACE DATA RECORD ALWAYS '5' 10
 STATION SEE RECORD '1' 11
 OBSERVED DATE (GMT) YYMMDD 17
 OBSERVED TIME (GMT) HHMM 23
 DEPTH* XXXXX - METERS TO TENTHS 27
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 57 AND 87
 U COMPONENT* XXXXX - EAST VECTORS IN CM/SECOND TO 32
 TENTHS
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 62 AND 92
 V COMPONENT* XXXXX - TRUE NORTH VECTOR IN CM/SECOND 37
 TO TENTHS
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 67 AND 97
 PRESSURE* XXXXX - KG/CM2 TO HUNDREDTHS 42
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 72 AND 102
 CONDUCTIVITY* XXXXX - MILLIOHMS/CM TO THOUSANDTHS 47
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 77 AND 107
 SALINITY* XXXXX - PARTS PER THOUSAND TO 52
 THOUSANDTHS
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 82 AND 112
 BLANKS 117

TR 3826

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
OLD QUAD I ORIGINATOR TAPE #	4/28/81	FJM	2526	1	4800	120	1488
QUAD I/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
DDF 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"							

NOTE

- ① CONVERTED FROM FT091 TO FT0191
- ② FILE ID = TR3826
- ③ DATA IS ON DISK MITCH * T3826.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900023

- 1) File Type: 191
2) Project Ident.: BRINE DISPOSAL
3) Track Nos.: TR 3826

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
COMMENTS IN Col. 105+07	Shifted to 108 & TRUNCATED ✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
--------------	-------------------------------------

III. Processor Name: _____

ACCESSION/TRACK NO.: 7900023 ~~TR 3826~~ TR 3826

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUAD I ORIGINATOR	2526	NL	120	4800	FB		1488
DUPLICATE							
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

DRAFT

At the end of the survey the anemometers were checked operationally by T&EL. With the exception of serial number 46, which was found to be inoperative, it was determined that performance had not degraded. Sensor Measurement Uncertainty (SMU), representing anemometer performance over the period of interest, was therefore equal to the original uncertainty estimate (ECU) of ± 0.62 m/s (excluding S/N 46).

A potential source of error in measuring wind speed is the wind field distortion induced by the measurement platform (in this case, the production rig). Platform #19 is used as a typical case in the analysis. It has a 2.7-m square base, on which are mounted solar panels, a 1-m diameter, 10-m high horn/light tower and the meteorological station itself. A similar configuration was empirically investigated by Gill et al.¹ Errors of +9% to -20% of reading were measured 95% of the time. These values may be directly applied to this error analysis because of the similitude.

not
typical
platform
to use
69
"worst"
case

Turbulence has also been shown to induce errors in wind measurement particularly when using cup anemometers, according to MacCready² and Lindley.³ Dynamic response characteristics of the cups may introduce errors from +3% to +10% when turbulence is present. Another factor that should be considered is that wind speed measurements are generally referenced to a

¹Gill, G. C. et al, 1967: Accuracy of Wind Measurements on Towers or Stacks. Bulletin American Meteorological Society, Vol. 48, No. 9.

²MacCready, Jr., P. B., April 1966: Mean Wind Speed Measurements in Turbulence. Journal of Applied Meteorology, Vol. 5.

³Lindley, D., September 1975: The Design and Performance of a 6-Cup Anemometer. Journal of Applied Meteorology, Vol. 14.

DRAFT

As with wind speed measurements, the wind field distortion induced by the measurement platform will introduce direction errors. Again platform #19 will be assumed as a typical case for the analysis. According to Gill et al, direction uncertainties of up to $\pm 10^\circ$ may occur 95% of the time. Another source of error is alignment of the wind vane orientation mark with true North. This operation consisted using of using the FERREL'S gyroscope, in combination with a visual sighting along one side of the platform, to determine its orientation relative to North and transposing these measurements to the vane orientation mark. It is estimated that the uncertainties in this procedure were $\pm 3^\circ$.

Another potential uncertainty is the vane threshold, or the minimum wind speed, to which the vane responds. In other words, the vane will not be coplanar with the wind field. Although tests were not performed, the vane threshold is 0.3 m/s according to the manufacturer. Wind direction measurement at low wind speed should be treated as suspect. Since winds exceed that value greater than 95% of the time, this is not considered a problem.

The Total Measurement Uncertainty (TMU) was derived by quadratically summing the wind field distortion error and alignment error and adding this value to the SMU.

$$\begin{aligned} \text{TMU} &= 6^\circ + [(10^\circ)^2 + (3^\circ)^2]^{1/2} \\ &= \underline{\pm 16^\circ} \text{ of arc} \end{aligned}$$

This value represents the estimated uncertainty of wind direction measurement for the group of vanes used during the survey.

FILE TYPE 191 - METEOROLOGY AND WAVE SPECTRA - 12/7/79 VERSION

NOTES AND CORRECTIONS

THIS FORMAT IS USED TO REPORT METEOROLOGICAL DATA AND OCEAN WAVE SPECTRA DATA FROM NDBO. THE FORMAT CONTAINS FIVE DATA RECORD TYPES TO:
1) IDENTIFY THE BUOY FOR POSITION, DURATION, RATE OF SAMPLING AND HEADING,
2) IDENTIFY THE METEOROLOGICAL PARAMETERS (TEMPERATURE, PRESSURE, WEATHER, SOLAR RADIATION, AND SURFACE WAVES), AND 3) REPORT TIME SERIES FREQUENCY, DENSITY AND RESOLUTION OF WAVES.

EACH RECORD IS 120 CHARACTERS IN LENGTH, SORTED BY STATION AND RECORD TYPE.

*****NOTE*****

THIS FORMAT REPLACES FILE TYPE 091.

*****NOTE*****

PARAMETER	DESCRIPTION	SC
DESCRIPTIVE HEADER RECORD	ALWAYS '1'	10
STATION	SIX-CHARACTER UNIQUE NAME OF OBSERVATION POINT	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	27
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	34
BOTTOM DEPTH	XXXXX - METERS TO TENTHS	42
MAGNETIC VARIATION	XXXX - WHOLE DEGREES FROM TRUE NORTH (SIGNED VALUE)	47
BUOY HEADING	XXX - WHOLE DEGREES FROM TRUE NORTH	51
SAMPLING RATE	XXXX - ORIGINAL MEASUREMENTS PER MINUTE, TO TENTHS	54
SAMPLING DURATION	XXXX - MINUTES TO HUNDREDTHS	58
TOTAL INTERVALS	XXX - NUMBER OF FREQUENCY INTERVALS	62
CHIEF SCIENTIST	20-CHARACTER FIELD FOR SCIENTIST NAME	65
INSTITUTION	20-CHARACTER FIELD FOR DATA SOURCE	85
WIND SAMPLING DURATION	XXX - MINUTES TO TENTHS	105
COMMENTS	16-CHARACTER FIELD	108
ENVIRONMENTAL DATA RECORD	ALWAYS '2'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
ALTITUDE	XXX - METEOROLOGY (METERS TO TENTHS)	27
AIR TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	30
DEW POINT	XXXX - DEGREES C TO TENTHS	34
BAROMETER	XXXXX - REDUCED TO SEA LEVEL (MB TO TENTHS)	38
WIND SPEED	XXXX - M/SEC TO HUNDREDTHS	43
WIND DIRECTION	XXXX - DEGREES FROM TRUE NORTH TO TENTHS	47
WEATHER	ONE-CHARACTER CODE - USE CODE 0108	51
VISIBILITY	XXX - NAUTICAL MILES TO TENTHS	52
PRECIPITATION	XXXX - ACCUMULATION IN MILLIMETERS	55
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDTHS, WAVE LENGTH LESS THAN 3.6 MICRONS	59
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDTHS, WAVE LENGTH 4.0 TO 50 MICRONS	62
SIGNIFICANT WAVE HEIGHT	XXX - CORRECTED FOR LOW FREQUENCY NOISE (METERS TO TENTHS)	65
AVERAGE WAVE PERIOD	XXX - SECONDS TO TENTHS	68
AVERAGE WAVE DIRECTION	XXX - DIRECTION OF PREDOMINANT WAVES IN WHOLE DEGREES FROM TRUE NORTH	71
HIGHEST CREST	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	74
DEEPEST TROUGH	XXX - FROM REFERENCE LEVEL (METERS TO TENTHS)	77

TEMPERATURE	XXXX - SEA SURFACE NEGATIVE	80
	TEMPERATURES ARE PRECEDED BY A MINUS	
	SIGN ADJACENT TO TEMPERATURE VALUE -	
	DEG C TO HUNDREDTHS	
SALINITY	XXXXX - PARTS PER THOUSAND TO	84
	THOUSANDTHS	
CONDUCTIVITY	XXXXX - MILLIMHOS/CM TO THOUSANDTHS	89
DOMINANT WAVE PERIOD	XXX - SECONDS TO TENTHS	94
MAXIMUM WAVE HEIGHT	XXX - METERS TO TENTHS	97
MAXIMUM WAVE STEEPNESS	XXX	100
WIND GUST	XXXX - METERS/SECOND TO HUNDREDTHS	103
WIND GUST AVERAGING PD	XX - SECONDS	107
WIND GUST	XXXX - METERS/SECOND TO HUNDREDTHS	109
WIND GUST AVERAGING	XX - SECONDS	113
PERIOD		
BLANKS		115
WAVE SPECTRA DATA RECORD	ALWAYS '3'	10
STATION	SEE RECORD '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME (GMT)	HHMM	23
INTERVALS PER DIRECTION	XXX - TOTAL NUMBER OF FREQUENCIES IN	27
	THIS DIRECTION OR ZERO FOR NON-	
	DIRECTIONAL	
DIRECTION	XXXX - DEGREES TO TENTHS FROM TRUE	30
	NORTH OR '9999' FOR NON-DIRECTIONAL	
COUNT	X - NUMBER OF FREQUENCIES ON THIS	34
	RECORD	
DATA	UP TO 5 FREQUENCY, RESOLUTION, AND	
	DENSITY FIELDS. NULL FIELDS ARE ZERO OR	
	BLANK	
FREQUENCY	XXXX - CENTER FREQUENCY OF INTERVAL IN	35
	HERTZ TO THOUSANDTHS	
RESOLUTION	XXXX - RESOLUTION OF INTERVAL IN HERTZ	39
	TO TEN-THOUSANDTHS	
DENSITY	XXXXXX - SPECTRAL DENSITY OF INTERVAL	43
	IN M2/HZ TO THOUSANDTHS	
FREQUENCY	SEE ABOVE	49
RESOLUTION	SEE ABOVE	53
DENSITY	SEE ABOVE	57
FREQUENCY	SEE ABOVE	63
RESOLUTION	SEE ABOVE	67
DENSITY	SEE ABOVE	71
FREQUENCY	SEE ABOVE	77
RESOLUTION	SEE ABOVE	81
DENSITY	SEE ABOVE	85
FREQUENCY	SEE ABOVE	91
RESOLUTION	SEE ABOVE	95
DENSITY	SEE ABOVE	99
BLANKS		105

SUBSURFACE TEMPERATURE DATA ALWAYS '4' 10
 RECORD
 STATION SEE RECORD 11
 OBSERVED DATE (GMT) YYMMDD 17
 OBSERVED TIME HHMM 23
 DEPTH* XXXXX - METERS TO TENTHS 27
 *THIS FIELD IS REPEATED 9 TIMES STARTING IN COLS 36,45,54,63,72,
 81,90,99, AND 108
 TEMPERATURE* XXXX - SEA SURFACE NEGATIVE TEMPERATURES 32
 ARE PRECEDED BY A MINUS SIGN ADJACENT TO
 TEMPERATURE VALUE - DEG C TO HUNDREDTHS
 *THIS FIELD IS REPEATED 9 TIMES STARTING IN COLS 41,50,59,68,77,
 86,99,104, AND 113
 BLANKS 117

SUBSURFACE DATA RECORD ALWAYS '5' 10
 STATION SEE RECORD '1' 11
 OBSERVED DATE (GMT) YYMMDD 17
 OBSERVED TIME (GMT) HHMM 23
 DEPTH* XXXXX - METERS TO TENTHS 27
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 57 AND 87
 U COMPONENT* XXXXX - EAST VECTORS IN CM/SECOND TO 32
 TENTHS
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 62 AND 92
 V COMPONENT* XXXXX - TRUE NORTH VECTOR IN CM/SECOND 37
 TO TENTHS
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 67 AND 97
 PRESSURE* XXXXX - KG/CM2 TO HUNDREDTHS 42
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 72 AND 102
 CONDUCTIVITY* XXXXX - MILLIOHMS/CM TO THOUSANDTHS 47
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 77 AND 107
 SALINITY* XXXXX - PARTS PER THOUSAND TO 52
 THOUSANDTHS
 *THIS FIELD IS REPEATED 2 TIMES IN COLS 82 AND 112
 BLANKS 117

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900023

- 1) File Type: 191
2) Project Ident.: BRINE DISPOSAL
3) Track Nos.: TR 3826

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
COMMENTS IN Col. 105-107	Shifted to 108 & TRUNCATED ✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
1. Entered year in time field (hour).	
2. Deleted spec record type (1)'s.	

III. Processor Name: SP Lewis

ACCESSION/TRACK NO.: 7900023 ~~111~~ TR 3826

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD GUARDIAN ORIGINATOR	2526	NL	120	4800	FB		1488
DUPLICATE	2687	SL	120	SDF		*	1488
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DIS 773 * F191. TR 3826						745
EDITED DISK FILE							

* DSN = MITCH * T3826.

CONVERTED FROM FT 091 TO 191FILE ID = TRACK No.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900023

- 1) File Type: 191
 2) Project Ident.: Brine
 3) Track Nos.: 3827

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

DATA SET ROUTE SHEET

ACCESSION/TRACK # 7900023

TK 3827

<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 #						
QUADI/SCAN TAPE #						
DDF EVALUATION <i>Tape to disk</i>	04/29/83	CMT				
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	04/29/83	CMT				
FIRST USER TAPE #						
WORK DISK FILE	04/29/83	CMT				
FINAL USER TAPE #						
FINAL MULCHEK	04/29/83	CMT				
EDITED DISK FILE	05/02/83	CMT				
DATA SET "FINALIZED"						

DNODC*IMPD75.T3827/F191

Corrections 7900023 TR3827

- ① Duplicate '1' type records thru out originator data. all '1' type records removed except the first one
- ② added zeros in time field cols 23-26

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

ORIGIN/TRACK NO.: 7900023 TR3827

TYPE OF TAPE	TAPE NUMBER	LABEL	LRÉCL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUAD I ORIGINATOR	7134	N	120	4800	FB		1488
DUPLICATE	2701	SL	120	SDF			1488
REFORMATTED							
FIRST TR							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DISK 773 * F191. TR3827						745
	New -						
EDITED DISK FILE							

DSN = MITCH * T3827.

DNOPC * MPD75. T3827 / F191

DATA DOCUMENTATION FORM

ACCESSION
NUMBER

79-0023

Tape 5

FILED 78 4915 → TR3837
78 4918 → TR3838

NOAA 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.N.B. No. 41-R2651
EXPIRES 1-81

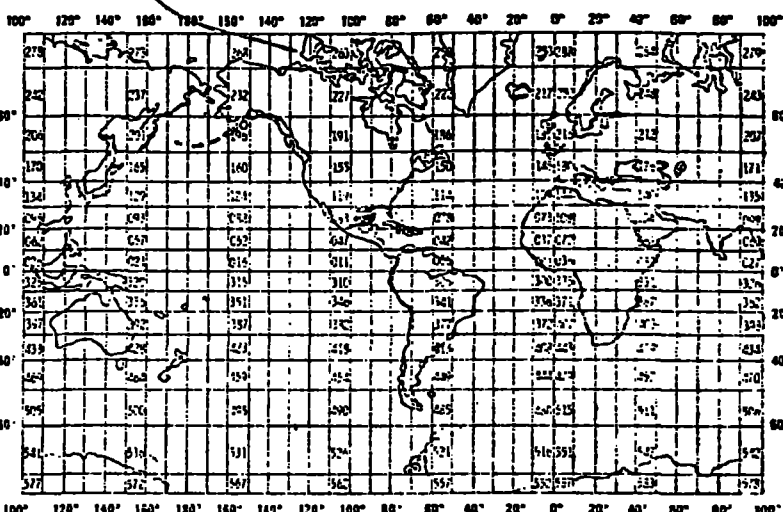
F005

(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&M University Environmental Engineering Division College Station, TX 77843			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED ryan mound - Strategic Oil Reserve Prog.		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
4. PLATFORM NAME(S) TSB, TST, ORSB, ORST, NRSB NRST	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 12/22/77 6/28/78
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) R. Roy W. Hann Prog. Man.			

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900023

B. 2. 19

- 1) File Type: 191
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 3827

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
COL 105-108 CONTAIN COMMENTS	✓ shifted to ^{COLUMN} 108
converted from FT 091 to FT 191	✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
1. added zeros to time field (Hour)	
2. deleted excess record type (1) lines.	

III. Processor Name: McLewis

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

AC \$ION/TRACK NO.: 7900023 TR3827

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUAD I ORIGINATOR	7134	N	120	4800	FB		1488
DUPLICATE	2701	SL	120	SDF			1488
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15773* F191. TR3827						745
EDITED DISK FILE							

DSN = MITCH * T3827.

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 PROCESS. TECHNIQUES WITH FILTERING AND AVERAGING
Endico Current meter Direction Speed	 Degrees of arc cm/sec	} Endico		

C. DATA FORMAT

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

1. RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
AND METHOD OF IDENTIFYING EACH RECORD TYPE

ORIGINATOR

Data on mag Tape Format (005)

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

Jack Foreman

634-7324

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 KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>5880(5, SL)</i></p> <p><i>DS # = BRINE. FT005</i></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 356 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><i>4800</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>60</i></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
Wind speed	m/sec	Bendix 123A		
direction	Degrees of arc	J-Tec VA-310		
Air Temp	°C	YSI		
Water Temp	°C			

File type	5-6	172
	005-5	167
#2 013930	ANSI	
3204	4981	(C4043)
60/4800, SL	#1	UØ2Ø416
FD05		
TR. 2569-2657, 2998, 3275-3280, 3657-3678, 3820, 3825,		
3828-3832 3837-3838, 3887, 3890-3933		
		367, 946
		377, 124

Accession No: 79-0023

ID: SPR-BRINE DISPOSAL PGM

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 CELLM 10 OF THE INPUT RECORDS
FILETYPE IS 005

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

005TR38371 TSB1BRYANOMOUND SITE

?????

FIRST FILE ID

005TR38371 TSB1BRYANOMOUND SITE

?????

STATION NUMBER HAS CHANGED WITHOUT A MASTER

005TR38372 TSB284442N 9514 0W 19 21

????

DATA BELOW RANGE IN WATER DEPTH METERS TO .1

005TR38371 TST1BRYANOMOUND SITE

?????

STATION NUMBER HAS CHANGED WITHOUT A MASTER

005TR38372 TST284442N 9514 0W 2 21

????

DATA BELOW RANGE IN SENSOR DEPTH METERS TO .1

????

DATA BELOW RANGE IN WATER DEPTH METERS TO .1

THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERICS/M=MANDATORY NUMERIC/Z=NO CHECKING

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED		ACTUAL RANGE		MEAN	S. DEV	COUNT	FP	FP01	201
					LOW	HIGH	LOWEST	HIGHEST						
Z	1	11	5	METER NUMBER							6			
N	1	16	1	SEQUENCE	NO RANGE CHECKING		1	3	12.00	81	6	6	0	0
Z	2	11	5	METER NUMBER							2			
M	2	16	2	LAT DEG	00	89	28	28	28.00	00	2	2	0	0
M	2	18	2	LAT MIN	00	59	44	44	44.00	00	2	2	0	0
N	2	20	2	LAT SEC	00	59	42	42	42.00	00	2	2	0	0
C	2	22	1	0500LAT HEM							2			
M	2	23	3	LON DEG	000	179	95	95	95.00	00	2	2	0	0
M	2	26	2	LON MIN	00	59	14	14	14.00	00	2	2	0	0
N	2	28	2	LON SEC	00	59	0	0	00	00	2	2	0	0
C	2	30	1	0501LON HEM							2			
N	2	31	4	SENSOR DEPTH METERS TO .1	0010	9999	2	19	10.50	8.50	2	2	0	0
N	2	35	4	WATER DEPTH METERS TO .1	0100	9999	21	21	21.00	00	2	2	0	0
Z	2	39	4	SENSOR SERIAL NUMBER			NO VALUES FOUND FOR THIS PARAMETER							
B	2	43	18								2			
Z	3	11	5	METER NUMBER							1342			
M	3	16	2	YEAR	NO RANGE CHECKING		77	78	77.33	1.31	1342	1342	0	0
M	3	18	2	MONTH	01	12	1	12	6.26	5.21	1342	1342	0	0
M	3	20	2	DAY	01	31	1	31	16.72	11.60	1342	1342	0	0
M	3	22	4	HOUR TO .01	0000	2399	0	2350	1174.06	692.77	1342	1342	0	0
N	3	26	3	DIRECTION=WHOLE DEG FROM T NRTH	000	359	16	348	205.57	85.20	1336	1336	0	0

N 3	29	4	CURRENT VELOCITY WHOLE CM/SEC	0000	5000	0	74	25.18	16.97	1336	1336	0	0
N 3	33	3	TEMP DEG C TO .1	-20	310	NO	VALUES	FOUND	FOR	THIS	PARAMETER		
N 3	36	4	PRESSURE KG/SQ CM TO .01	0010	9999	NO	VALUES	FOUND	FOR	THIS	PARAMETER		
N 3	40	4	CONDUCTIVITY MMHQS/CM TO .01	1500	5500	NO	VALUES	FOUND	FOR	THIS	PARAMETER		
N 3	44	2	INCLINOMETER TILT WHOLE DEG	00	18	NO	VALUES	FOUND	FOR	THIS	PARAMETER		
N 3	46	3	WIND DIREC-TRUE DIREC WHOLE DEG	000	359	NO	VALUES	FOUND	FOR	THIS	PARAMETER		
N 3	49	4	WIND SPEED CM/SEC	0000	3200	NO	VALUES	FOUND	FOR	THIS	PARAMETER		
N 3	53	3	SEA DIREC TRUE DIREC	000	359	NO	VALUES	FOUND	FOR	THIS	PARAMETER		
N 3	56	3	SEA HEIGHT DOMINANT WAVES CM	000	900	NO	VALUES	FOUND	FOR	THIS	PARAMETER		
N 3	59	2	SEA PERIOD OF DOM WAVES IN SEC	01	99	NO	VALUES	FOUND	FOR	THIS	PARAMETER		

RECORDS READ : 1350

```

*****
005TR38381 ORSB1BRYANOMOUND SITE
?????
FILE IC HAS CHANGED
?????
STATION NUMBER HAS CHANGED WITHOUT A MASTER
*****
005TR38382 ORSB2842 ON 9518 OW 18 20
?????
DATA BELOW RANGE IN WATER DEPTH METERS TO .1
*****
005TR38381 ORST1BRYANOMOUND SITE
?????
STATION NUMBER HAS CHANGED WITHOUT A MASTER
*****
005TR38382 ORST2842 ON 9518 OW 2 20
?????
DATA BELOW RANGE IN SENSOR DEPTH METERS TO .1
?????
DATA BELOW RANGE IN WATER DEPTH METERS TO .1
*****
005TR38381 NRSB1BRYANOMOUND SITE
?????
STATION NUMBER HAS CHANGED WITHOUT A MASTER
*****
005TR38382 NRSB2845 ON 9518 OW 17 19
?????
DATA BELOW RANGE IN WATER DEPTH METERS TO .1
*****
005TR38381 NRST1BRYANOMOUND SITE
?????
STATION NUMBER HAS CHANGED WITHOUT A MASTER
*****
005TR38382 NRST2845 ON 9518 OW 2 19
?????
DATA BELOW RANGE IN SENSOR DEPTH METERS TO .1
?????
DATA BELOW RANGE IN WATER DEPTH METERS TO .1
THE FIELDS BELOW WERE CHECKED AS FOLLOWS(S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERICS/M=MANDATORY NUMERIC/Z=NO CHECKING

```

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S _d DEV	COUNT	FP	FP-1	>21
Z	1	11	5	METER NUMBER					12			
N	1	16	1	SEQUENCE	NO RANGE CHECKING	1 3	12.00	81	12	12	0	0
Z	2	11	5	METER NUMBER					4			
M	2	16	2	LAT DEG	00 89	28 28	28.00	00	4	4	0	0
M	2	18	2	LAT MIN	00 59	42 45	43.50	1.50	4	4	0	0
N	2	20	2	LAT SEC	00 59	0 0	00	00	4	4	0	0
C	2	22	1	0500LAT HEM					4			
M	2	23	3	LON DEG	000 179	95 95	95.00	00	4	4	0	0
M	2	26	2	LON MIN	00 59	18 18	18.00	00	4	4	0	0
N	2	28	2	LON SEC	00 59	0 0	00	00	4	4	0	0
C	2	30	1	0501LON HEM					4			
N	2	31	4	SENSOR DEPTH METERS TO .1	0010 9999	2 18	19.75	7.75	4	4	0	0
N	2	35	4	WATER DEPTH METERS TO .1	0100 9999	19 20	19.50	50	4	4	0	0
Z	2	39	4	SENSOR SERIAL NUMBER		NO VALUES FOUND FOR THIS PARAMETER						
B	2	43	18						4			
Z	3	11	5	METER NUMBER					3276			
M	3	16	2	YEAR	NO RANGE CHECKING	78 78	78.00	00	3276	3276	0	0
M	3	18	2	MONTH	01 12	3 6	4.59	1.51	3276	3276	0	0

M 3	20	2	DAY	01	31	7	30	20.60	5.23	3276	3276	0	0
M 3	22	4	HOUR TO .01	0000	2399	0	2350	1176.63	691.19	3276	3276	0	0
N 3	26	3	DIRECTION=WHOLE DEG FROM T NRTH	000	359	0	359	145.98	96.51	3276	3276	0	0
N 3	29	4	CURRENT VELOCITY WHOLE CM/SEC	0000	5000	0	64	16.86	11.23	3275	3275	0	0
N 3	33	3	TEMP DEG C TO .1	-20	310	NO VALUES FOUND FOR THIS PARAMETER							
N 3	36	4	PRESSURE KG/SQ CM TO .01	0010	9999	NO VALUES FOUND FOR THIS PARAMETER							
N 3	40	4	CONDUCTIVITY MMHOS/CM TO .01	1500	5500	NO VALUES FOUND FOR THIS PARAMETER							
N 3	44	2	INCLINOMETER TILT WHOLE DEG	00	18	NO VALUES FOUND FOR THIS PARAMETER							
N 3	46	3	WIND DIREC-TRUE DIREC WHOLE DEG	000	359	NO VALUES FOUND FOR THIS PARAMETER							
N 3	49	4	WIND SPEED CM/SEC	0000	3200	NO VALUES FOUND FOR THIS PARAMETER							
N 3	53	3	SEA DIREC TRUE DIREC	000	359	NO VALUES FOUND FOR THIS PARAMETER							
N 3	56	3	SEA HEIGHT DOMINANT WAVES CM	000	900	NO VALUES FOUND FOR THIS PARAMETER							
N 3	59	2	SEA PERIOD OF DOM WAVES IN SEC	01	99	NO VALUES FOUND FOR THIS PARAMETER							

RECORDS READ : 3291

REV'D: 8 DEC 18

Tape 1

ACCESSION
NUMBER

79-0023

DATA DOCUMENTATION FORM

TR3825

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

005

FILL 3
3298

QUADS. 1 1005

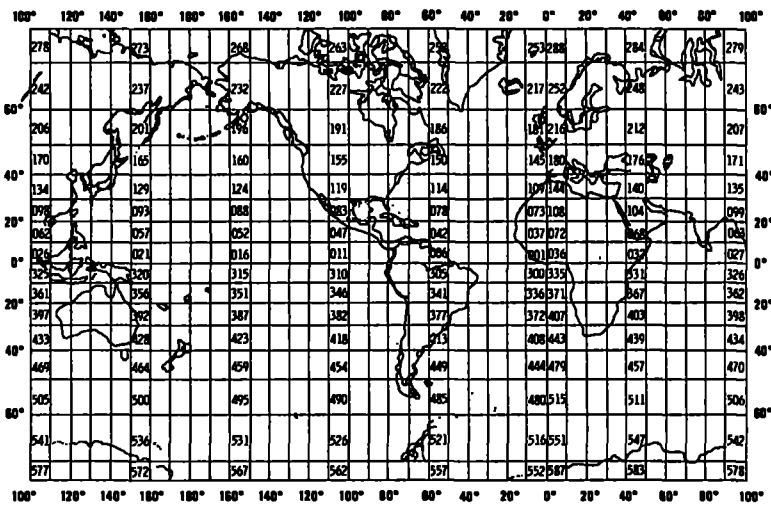
781201

(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 NDBO, NSTL Station, Miss. 39526			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - <u>Brine Disposal Analysis Prog</u>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT SDOZ 100178 (Tape 2) 1	
4. PLATFORM NAME(S) SDOZ	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy 317F	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 10/1/78 10/31/78
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) William L. Beach, T 601-688-2506			

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
Water Temp (15m)	°C	YSI		
Current Speed	cm/sec	AMF VACH		
Direction	degrees of arc			

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

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.

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

ORIGINATOR

Format 005, mag 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

Jack Foreman 634-7324

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 LABEL SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>005880 (3,5L)</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>4800</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>60</p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ <i>(e.g., bits, bytes)</i>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (S.d., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
 G. METHOD OF IDENTIFYING EACH RECORD TYPE

USER TAPE

There are 3 record types (1, 2; and 3)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File type 005

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 KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>001807 (1.5L)</i></p> <p><i>DSN = TR 3825</i></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><i>4800</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>60</i></p>

	5-6	172
	005 5	167
#2 013930	ANSI	
3204	4981	(C4043)
60/4800, SL	#1	UØ2Ø416
F005		
TR 2569-2657, 2998, 3275-3280, 3657-3678, 3820, 3825,		
3828-3832 , 3837-3838, 3887, 3890-3933		
		367,946
		377,124

Accession No: 79-0023
ID: SPR-BRINE Disposal PGM

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 9 BYTES

STATION WILL APPEAR ON RECORD TYPES 1 123

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

005TR38251SDM21 SADEMS 2 CURRENT DATA

?????

FIRST FILE ID

005TR38251SDM21 SADEMS 2 CURRENT DATA

?????

STATION NUMBER HAS CHANGED WITHOUT A MASTER

THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERICS/M=MANDATORY NUMERIC/Z=NO CHECKING

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED		ACTUAL RANGE		MEAN	S.D. DEV	COUNT	FP	FP=1	DEL
					LOW	HIGH	LOWEST	HIGHEST						
Z	1	11	5	METER NUMBER										
N	1	16	1	SEQUENCE	NO RANGE CHECKING		1	4	2.50	1.11	4	4	0	0
Z	2	11	5	METER NUMBER										
M	2	16	2	LAT DEG	00	89	28	28	28.00	00	1	1	0	0
M	2	18	2	LAT MIN	00	59	47	47	47.00	00	1	1	0	0
N	2	20	2	LAT SEC	00	59	40	40	40.00	00	1	1	0	0
C	2	22	1	0500LAT HEM										
M	2	23	3	LON DEG	000	179	95	95	95.00	00	1	1	0	0
M	2	26	2	LON MIN	00	59	19	19	19.00	00	1	1	0	0
N	2	28	2	LON SEC	00	59	20	20	20.00	00	1	1	0	0
C	2	30	1	0501LON HEM										
N	2	31	4	SENSOR DEPTH METERS TO .1	0010	9999	18	18	18.00	00	1	1	0	0
N	2	35	4	WATER DEPTH METERS TO .1	0100	9999	NO VALUES FOUND FOR THIS PARAMETER							
Z	2	39	4	SENSOR SERIAL NUMBER			NO VALUES FOUND FOR THIS PARAMETER							
B	2	43	18								1			
Z	3	11	5	METER NUMBER							739			
M	3	16	2	YEAR	NO RANGE CHECKING		78	78	78.00	00	739	739	0	0
M	3	18	2	MONTH	01	12	10	10	10.00	00	739	739	0	0
M	3	20	2	DAY	01	31	1	31	16.09	8.90	739	739	0	0
M	3	22	4	HOUR TO .01	0000	2399	0	2300	1149.66	694.09	739	739	0	0
N	3	26	3	DIRECTION=WHOLE DEG FROM T NRTH	000	359	1	359	192.10	98.31	258	258	0	0
N	3	29	4	CURRENT VELOCITY WHOLE CM/SEC	0000	5000	1	37	14.86	6.87	258	258	0	0
N	3	33	3	TEMP DEG C TO .1	20	310	220	271	251.06	11.67	718	718	0	0
N	3	36	4	PRESSURE KG/SQ CM TO .01	0010	9999	NO VALUES FOUND FOR THIS PARAMETER							
N	3	40	4	CONDUCTIVITY MMHCS/CM TC .01	1500	5500	NO VALUES FOUND FOR THIS PARAMETER							
N	3	44	2	INCLINOMETER TILT WHOLE DEG	00	18	NO VALUES FOUND FOR THIS PARAMETER							
N	3	46	3	WIND DIREC=TRUE DIREC WHOLE DEG	000	359	NO VALUES FOUND FOR THIS PARAMETER							
N	3	49	4	WIND SPEED CM/SEC	0000	3200	NO VALUES FOUND FOR THIS PARAMETER							
N	3	53	3	SEA DIREC TRUE DIREC	000	359	NO VALUES FOUND FOR THIS PARAMETER							
N	3	56	3	SEA HEIGHT DOMINANT WAVES CM	000	900	NO VALUES FOUND FOR THIS PARAMETER							
N	3	59	2	SEA PERIOD OF DOM WAVES IN SEC	01	99	NO VALUES FOUND FOR THIS PARAMETER							

RECORDS READ :

743

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900023	F005	TR3825	0093	313B	317F	1978/10/01	100178	308750
7900023	F191	TR3826	0093	313B	317F	1978/10/01	781201	308751
7900023	F191	TR3827	0093	313B	317F	1978/05/01	781201	308752
7900023	F005	TT1534	0093	3124	317F	1977/12/22	78	308753
7900023	F005	TT1535	0093	3124	317F	1977/12/22	78	308754
7900023	F005	TT1536	0093	3124	317F	1978/03/14	78	308755
7900023	F005	TT1537	0093	3124	317F	1978/03/14	78	308756
7900023	F005	TT1538	0093	3124	317F	1978/06/10	78	308757
7900023	F005	TT1539	0093	3124	317F	1978/06/10	78	308758

(9 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
7900023	F005	TR3825	317F	1	744	78/10/01	78/10/31
7900023	F191	TR3826	317F	1	745	78/10/01	78/10/01
7900023	F191	TR3827	317F	1	745	78/05/01	78/05/01
7900023	F005	TT1534	317F	4	674	77/12/22	78/01/05
7900023	F005	TT1535	317F	4	676	77/12/22	78/01/05
7900023	F005	TT1536	317F	4	771	78/03/14	78/03/14
7900023	F005	TT1537	317F	4	771	78/03/14	78/03/14
7900023	F005	TT1538	317F	4	875	78/06/10	78/06/10
7900023	F005	TT1539	317F	4	875	78/06/10	78/06/10

(9 rows affected)