

RCVD: 26 NOV 79

DATA DOCUMENTATION FORM

TR 5039

NOAA FORM 24-13

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 091

(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

UNIVAC SL
TAPE 003865

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 NDTL Station, Miss 39529 LABEL = NODC * F191T5039 FILE ID: 110179	

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
SPR - Bine Disposal Analysis Prog	SADAMS 122277

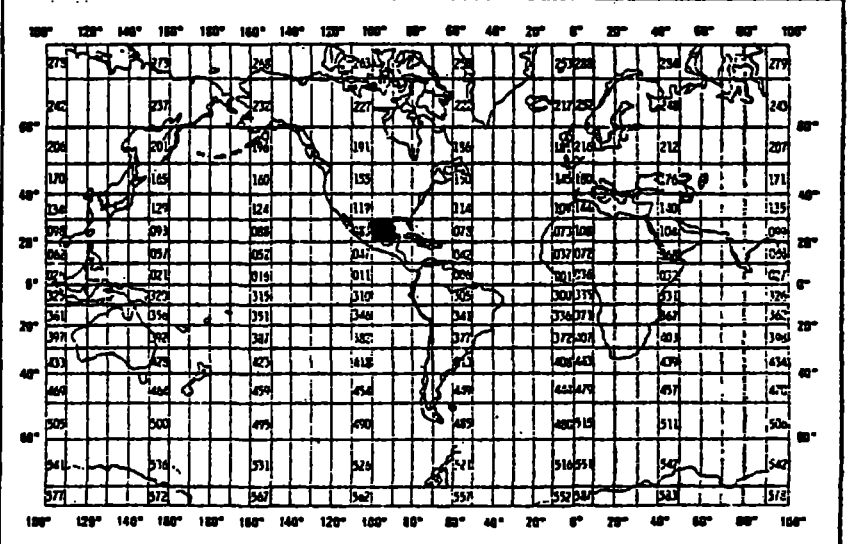
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
SADAMS	Buoy	USA	USA	12/22/77	1/31/78

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)

W.L. Beacht
 601-688-2806

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 direction Air Temp	m/s and degrees of arc °C	Jtec VA 310 YSI		

Project of
DPF

SATIS
wonder

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Descriptive Header Record</u>				
FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"1"
STATION	11	6	A6	Unique name of observation point
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
LATITUDE	27	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	33	1	A1	"N" or "S" hemisphere
LONGITUDE	34	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	41	1	A1	"E" or "W" hemisphere
BOTTOM DEPTH	42	5	I5	Meters to tenths
MAGNETIC VARIATION	47	4	I4	Whole degrees from true north (signed value)
BUOY HEADING*	51	3	I3	Whole degrees from true north
SAMPLING RATE*	54	4	I4	Original measurements per minute, to tenths
SAMPLING DURATION*	58	4	I4	Minutes to hundredths
TOTAL INTERVALS*	62	3	I3	Number of frequency intervals
CHIEF SCIENTIST	65	20	A20	
INSTITUTION	85	20	A20	Data source
COMMENTS	105	16	A16	

*For buoy data only

Environmental Data Record

FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"B" (environmental data rec.)
STATION	11	6	A6	Unique name of observation pt.
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
ALTITUDE	27	3	I3	Meteorology alt., meters to tenths
AIR TEMP	30	4	I4	Temperature, Celsius to tenths
DEW POINT	34	4	I4	Temperature, Celsius to tenths

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Environmental Data Record (cont'd)</u>				
BAROMETER	38	5	I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4	I4	Meters/sec. to hundredths
WIND DIRECTION	47	4	I4	From true north, degrees to tenths
WEATHER	51	1	I1	Current Weather (WMO code 4501)
VISIBILITY	52	3	I3	Nautical miles, to tenths
PRECIPITATION	55	4	I4	Accumulation in millimeters
SOLAR RADIATION	59	3	I3	Langleys/minute to hundredths -wave length less than 3.6 microns
SOLAR RADIATION	62	3	I3	Langleys/minute to hundredths -wave length from 4.0 to 50 microns
SIGNIFICANT WAVE HEIGHT	65	3	I3	Meters to tenths, corrected for low frequency noise, etc.
AVERAGE WAVE PERIOD	68	3	I3	Seconds to tenths
AVERAGE WAVE DIRECTION	71	3	I3	Direction of predominant waves in whole degrees from true N
HIGHEST CREST	74	3	I3	Meters to tenths, from reference level
DEEPEST TROUGH	77	3	I3	Meters to tenths, from reference level
TEMPERATURE	80	4	I4	Sea surface temp. to hundredths
SALINITY	84	5	I5	Parts per thousand to thou- sandths
CONDUCTIVITY	89	5	I5	Millimhos/cm to thousandths
blanks	94	27	27X	

Wave Spectra Data Record

FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file genera- tion
RECORD TYPE	10	1	A1	"3"
STATION	11	6	A6	Unique name of observation pt.

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	DDDMMSS 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 TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	80
SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	84
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 PERIOD	XX - SECONDS	113
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 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 TEN-THOUSANDTHS	39
DENSITY	XXXXXX - SPECTRAL DENSITY OF INTERVAL IN M2/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
BLANKS		105

SUBSURFACE TEMPERATURE DATA RECORD	ALWAYS '4'	10
STATION	SEE RECORD '1'	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 ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	32
*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 TENTHS	32
*THIS FIELD IS REPEATED 2 TIMES IN COLS 62 AND 92		
V COMPONENT*	XXXXX - TRUE NORTH VECTOR IN CM/SECOND TO TENTHS	37
*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 THOUSANDTHS	52
*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 # 7900336

- 1) File Type: 191
 2) Project Ident.: BOINE DISPOSAL
 3) Track Nos.: TR 5039

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
REMARKS SHIFTED FROM COL. 105 - 108 TO 108 → & TRUNCATED	✓
<u>DEPTH TO BOTTOM WRONG PRECISION</u>	✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
Time field contained blanks	Inserted zero (0) to fill the field.
Index of Record Type I.	Deleted all Record Type I except first Record Type I.

III. Processor Name: Josephine Nelson

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCION/TRACK NO.: 7.9 00336 TR5039

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUAD ORIGINAL	6821	NL	120	4800	FB		932
DUPLICATE	003856	SL	120	SDI=			932
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE		DISJOY * F191.TR5039					467
EDITED DISK FILE							

NOTE: LABEL FOR FILE ID = TRACK #
TAPE 003856 = NODC * F191/T5039.

CONVERTED FROM FT091 TO FT191

ACCESSION/TRACK # 79 00336
TR 5039

OLD Step QUADZ ORIGINATOR TAPE #	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	8/27/81	FJM	6821	1	4800	120	932
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
DDF EVALUATION	11/24/81	Jm					
QUALITY REVIEW	11/27/81	Jm					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	12/4/81	Jm	DIS JOY # F191. TR 5039 932				
FIRST USER TAPE #							
WORK DISK FILE	12/4/81	Jm	DIS JOY # F191. TR 5039 467				
FINAL USER TAPE #							
FINAL MULCHEK	12/4/81	Jm	DIS JOY # F191. TR 5039 467				
EDITED DISK FILE							
DATA SET "FINALIZED"							

DATA SET ROUTE SHEET

ACCESSION/TRACK # 7900336
TR 5039
F191

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #						
QUADI/SCAN TAPE # <i>disk to disk</i>						
DDF EVALUATION	05/13/83	CMT				932
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	05/13/83	CMT				467
FIRST USER TAPE #						
WORK DISK FILE	05/13/83	CMT				467
FINAL USER TAPE #						
FINAL MULCHEK	05/13/83	CMT				467
● TED DISK FILE						
DATA SET "FINALIZED"						467

DNDDC *MPD75, T5039 | F191

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: 7900336 TR5039

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUAD ORIGINAL	6821	NL	120	4800	FIB		932
DUPLICATE	* 003856	SL	120	SDF			932
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DNODC *CLIFTEST. F191T5039						467
EDITED DISK FILE							467

↖ DNODC *MRD15, T5039/F191

* Label for Tape 003856 = NODC * F191 T5039.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900336

- 1) File Type: F191
- 2) Project Ident.: Brine
- 3) Track Nos.: TR 5039

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

- ① Removed excessive '1' type records
- ② Record '2', cols 23-26, observed
Time field: blank in columns
changed to zeroes.

III. Processor Name: Cliff Hartley

ROUD

CARDS OF A: 2: 18

ACCESSION NUMBER

79-0336

26 NOV 79

DATA DOCUMENTATION FORM

TR 5040

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.M.B. No. 41-R2651 EXPIRES 1-81

FT 021

(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.)

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FILE ID = 790915

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

ETRCO
185 Alewife Brook Pkwy
Cambridge, MA 02138

DUSE 332, DM 021B, DATA

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

012579

4. PLATFORM NAME(S)

Gus III

5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)

Ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
USA	USA

7. DATES

FROM: MO, DAY, YR	TO: MO, DAY, YR
4/25/79	5/2/79

8. ARE DATA PROPRIETARY?

NO YES

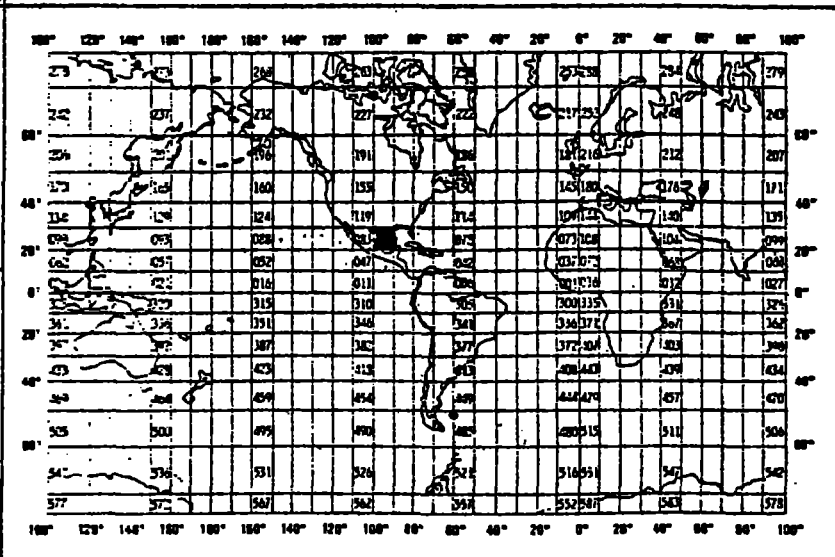
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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)

Keith Hans Kuecht
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/g			

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
AND THE METHOD OF IDENTIFYING EACH RECORD TYPE

Format 021, cards

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

CHARACTER SET 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

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-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)	
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 356 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____		12. PHYSICAL BLOCK LENGTH IN BYTES
		13. LENGTH OF BYTES IN BITS

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	
Test	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	
Nephels	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	'YRMBD' - 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 (TiO₂)	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	'YMMDD' = 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	22	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
Particle Size 1				
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
< 1.29μ	40	3	I3	
< 1.38μ	43	3	I3	
< 1.47μ	46	3	I3	
< 1.57μ	49	3	I3	
< 1.68μ	52	3	I3	
< 1.79μ	55	3	I3	
< 1.91μ	58	3	I3	
< 2.04μ	61	3	I3	
< 2.18μ	64	3	I3	
< 2.33μ	67	3	I3	
< 2.48μ	70	3	I3	
< 2.65μ	73	3	I3	
< 2.83μ	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 2</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	'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	'YYMMDD' = 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	23	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	
< 13.59μ	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 (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 '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	
<33.68 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 5040

Accession # 79-0336

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	11/26/79	FJM	CARDS 1	80	80
2. ^{QUADZ} Duplicate Tape #	1/2/80	FJM	12009 1	4800	80
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check	07/28/80	CMLK			
7. First User Tape #	10/02/80	CMLK	015 282 2nd file 1	4800	80
8. Final User Tape #					
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 # 79-0336

- 1) File Type: 021
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR5040

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

See attached ^{comment: ans} sheet

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

Corrections

79-0336

TR 5040, Station # A06, record type '6'
col 58 for 5 (organic carbon) a value
-9999 removed.

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0336 TR5040

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
QUADRIPLICATE	12009	N	80	4800	FB	
REFORMATTED						
FIRST USER	Q15782 211112	HA	1810	44800		SDF ASCIZ OUTPRT
FINAL USER	DMNCEX MPD75. FOZIT5040					

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0336 TR5040

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
QUADRIPLICATE	12009	N	80	4800	FB	
REFORMATTED						
FIRST USER	015232 21118	BL	1810	4800		SDF ASDFIT LITPIT
FINAL USER	DANDE* MPD75 FOZIT5040					

RCVD!

18363 TAPE

ACCESSION NUMBER

79-0336

26 NOV 79
DDF A:2:18

DATA DOCUMENTATION FORM

TR 5041

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.M.B. No. 41-R2651
EXPIRES 1-81

FT005

(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

FILE ID: 110179

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 USTL Station, Miss 39529			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - Bine Disposal Analysis Prog		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT OPEMS 090179	
4. PLATFORM NAME(S) OPEMS	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO/PAY/YR TO: MO/DAY/YR 9/1/79 9/20/79
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) W.L. Beach 601-688-2806	

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
current speed direction	cm/s } degrees of arc }	AMF VACCM		
water Temp	°C	YSI		
Salinity	‰	Plessey 5520-1		

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

ATTRIBUTES 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 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> </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>

RECORD FORMAT DESCRIPTION

9-5-78

MESA BIGBT FILE TYPE 005

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., 312, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>File Header Record</u>					
FILE TYPE	1	3	bytes	A3	"005" (constant value)
FILE DATE	4	6	bytes		Date of File Creation
YEAR	4	2	bytes	I2	Last two digits of year
MONTH	6	2	bytes	I2	Month "01" thru "12"
DAY	8	2	bytes	I2	Day "01" thru "31"
RECORD TYPE	10	1	bytes	A1	"1" for File Header
STATION	11	5	bytes	A5	Buoy Station Identifier
SEQUENCE	16	1	bytes	I1	File Header Number
TEXT	17	44	bytes	44A1	Optional Comments
<u>Station Header Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	bytes	3I2	Degrees, Minutes, Seconds
LATEM	22	1	bytes	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	bytes	I3,2I2	Degrees, Minutes, Seconds
LONHEM	30	1	bytes	A1	"W" or "E" Hemisphere
SENSOR	31	4	bytes	I4	Depth in Meters to tenths
WATER SENSOR SERIAL NUMBER	35	4	bytes	I4	Depth in Meters to tenths
BLANK	43	18	bytes	18x	
<u>Data Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "4"
DATE	16	6	bytes	3I2	Year, Month, Day; observed
TIME	22	4	bytes	I4	Time in Hours to hundredths
DIRECTION	26	3	bytes	I3	Whole degrees from true north
VELOCITY	29	4	bytes	I4	Current; whole cm/sec
TEMP	33	3	bytes	I3	Degrees Celsius to tenths
SALINITY	36	5	bytes	I5	Parts per Thousand to thousandths
BLANK	41	40 2	bytes	40x	

Data Set Route Sheet

Accession # 79-0336

TR 5041

Step	Completion Date/Init.	Tape #,	# of Files	BLKSIZE,	LRECL
1. Originator Tape #	11/26/79	FJM B18363	1	60	60
2. <u>QUADZ</u> Duplicate Tape #	1/8/80	FJM 479	1	4800	60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check	06/24/80	CMH			
7. First User Tape #	06/27/80	CMH 000734	1	4800	60
8. Final User Tape #	06/27/80	CMH 014283	1	4800	60
9. Final Check					
10. NAPIS Inventory	06/26/80	CMH			
11. DIP Inventory					
12. Data Set 'Finalized'					

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0336

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL PGM
- 3) Track Nos.: 5041

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

See attached sheet

III. Processor Name: Cliff Hartley

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0336

TR 5041

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	B18363	N	60	60	F	
QUADRIPLICATE	479	N	60	4800	FB	
REFORMATTED						
CORRECTED FIRST USER	000734	SL	60	4800	FB	DSN= TR5041
CORRECTED FINAL USER BKUP	014283	SL	60	4800	FB	DSN= TR5041

Corrections 79-0336

File ID changed to TR5041

2000: 11/26/79

DATA DOCUMENTATION FORM

79-0336

TR5042

FORM 24-13

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

DDF A:2:18

FT 9+191

(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

ND130
NBTL Station, Miss 39529

FILE ID=11017

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

SPR - Bone Disposal
Analysis Prog

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

OPEMS 090179

4. PLATFORM NAME(S)

OPEMS

5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)

Buoy

6. PLATFORM AND OPERATOR NATIONALITY(IES)

USA

USA

7. DATES

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
USA	USA	9/1/79	9/30/79

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 (ONP)?

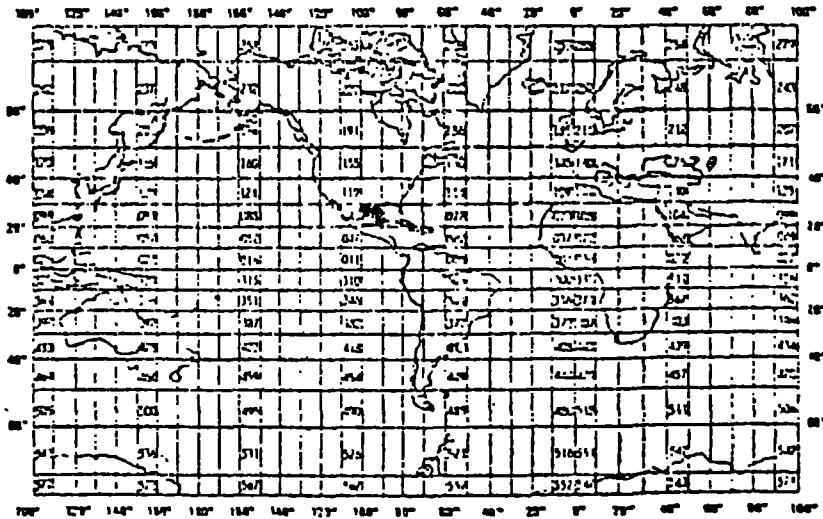
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

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)

W.L. Becht

601-688-2806



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 direction	m/s degrees of arc	Bendix 123A J Tec VA 310		
air Temp -C Water Temp	°C °C	YSI		
pressure	mb	Rosemount 1201 F		

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

3. ATTRIBUTES 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

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"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input checked="" 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-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
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	

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Descriptive Header Record</u>				
FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"1"
STATION	11	6	A6	Unique name of observation point
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
LATITUDE	27	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	33	1	A1	"N" or "S" hemisphere
LONGITUDE	34	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	41	1	A1	"E" or "W" hemisphere
BOTTOM DEPTH	42	5	I5	Meters to tenths
MAGNETIC VARIATION	47	4	I4	Whole degrees from true nor (signed value)
BUOY HEADING*	51	3	I3	Whole degrees from true nor
SAMPLING RATE*	54	4	I4	Original measurements per minute, to tenths
SAMPLING DURATION*	58	4	I4	Minutes to hundredths
TOTAL INTERVALS*	62	3	I3	Number of frequency intervals
CHIEF SCIENTIST	65	20	A20	
INSTITUTION	85	20	A20	Data source
COMMENTS	105	16	A16	

*For buoy data only

Environmental Data Record

FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"B" (environmental data record)
STATION	11	6	A6	Unique name of observation point
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
ALTITUDE	27	3	I3	Meteorology alt., meters to tenths
AIR TEMP	30	4	I4	Temperature, Celsius to tenths
DEW POINT	34	4	I4	Temperature, Celsius to tenths

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Environmental Data Record (cont'd)</u>				
BAROMETER	38	5	I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4	I4	Meters/sec. to hundredths
WIND DIRECTION	47	4	I4	From true north, degrees to tenths
WEATHER	51	1	I1	Current Weather (WMO code 4501)
VISIBILITY	52	3	I3	Nautical miles, to tenths
PRECIPITATION	55	4	I4	Accumulation in millimeters
SOLAR RADIATION	59	3	I3	Langleys/minute to hundredths -wave length less than 3.0 microns
SOLAR RADIATION	62	3	I3	Langleys/minute to hundredths -wave length from 4.0 to 50 microns
SIGNIFICANT WAVE HEIGHT	65	3	I3	Meters to tenths, corrected for low frequency noise, etc.
AVERAGE WAVE PERIOD	68	3	I3	Seconds to tenths
AVERAGE WAVE DIRECTION	71	3	I3	Direction of predominant wave in whole degrees from true
HIGHEST CREST	74	3	I3	Meters to tenths, from reference level
DEEPEST TROUGH	77	3	I3	Meters to tenths, from reference level
TEMPERATURE	80	4	I4	Sea surface temp. to hundredths
SALINITY	84	5	I5	Parts per thousand to thousandths
CONDUCTIVITY	89	5	I5	Millimhos/cm to thousandths
blanks	94	27	27X	
<u>Wave Spectra Data Record</u>				
FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"3"
STATION	11	6	A6	Unique name of observation

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 TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	80
SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	84
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 HUNDREDOETHS	103
WIND GUST AVERAGING PD	XX - SECONDS	107
WIND GUST	XXXX - METERS/SECOND TO HUNDREDOETHS	109
WIND GUST AVERAGING PERIOD	XX - SECONDS	113
BLANKS		115
VE 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 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 TEN-THOUSANDTHS	39
DENSITY	XXXXXX - SPECTRAL DENSITY OF INTERVAL IN M2/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
BLANKS		

SUBSURFACE TEMPERATURE DATA RECORD	ALWAYS '4'	10
STATION	SEE RECORD '1'	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 ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	32
*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 TENTHS	32
*THIS FIELD IS REPEATED 2 TIMES IN COLS 62 AND 92		
V COMPONENT*	XXXXX - TRUE NORTH VECTOR IN CM/SECOND TO TENTHS	37
*THIS FIELD IS REPEATED 2 TIMES IN COLS 67 AND 97		
PRESSURE*	XXXXX - KG/CM ² 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 THOUSANDTHS	52
*THIS FIELD IS REPEATED 2 TIMES IN COLS 82 AND 112		
BLANKS		117

DATA SET ROUTE SHEET

ACCESSION/TRACK # 7900336

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
OLD QUADI ORIGINATOR TAPE #	2/1/80	FJM	3035	1	4800	120	1422
QUADI/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"							

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900336

- 1) File Type: 191
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 5042

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
① COL 105-108 MOVED & DELETED TRUNCATED (REMARKS FIELD)	✓
② DEPTH DECIMAL POINT TO Bottom & Meter	✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
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III. Processor Name: _____

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCION/TRACK NO.: 7900336 TR5042

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUAD ORIGINATOR	3035	N	30 120	4800	FB		1422
DUPLICATE	4117	SL	120	SDF			1422
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

- ① LABEL = NODC * F191 T5042.
- ② FILE ID = TRACK #
- ③ CONVERTED FROM FT091 TO 191

A: 2:18

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900336

- 1) File Type: 191
- 2) Project Ident.: Bruce
- 3) Track Nos.: TR5043

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
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II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
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- ① Removed excessive record type '1's except the first one.
- ② Record type '2', observed Time Field, cols 23-26 filled ~~3~~ blanks with zeroes.

III. Processor Name: Cliff Hartley

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

7900336
TR 5043

ACCESSION/TRACK NO.:

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINAL ORIGINATOR	606	NL	120	4800	FB		1478
DUPLICATE	* 4125	SL	120	-SDF-			1478
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							1478
	DNDC * C DATA, F191 T5043						
EDITED DISK FILE							740
	DNDC * MPD75, T5043/F191						

Tape 4125
* Label = NDC * F191 T5043.

DATA SET ROUTE SHEET

ACCESSION/TRACK # 7900336

TR 5043

<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 #							
<i>disk to disk</i> DDF EVALUATION	05/11/83	CMT					1478
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	05/11/83	CMT					740
FIRST USER TAPE #							
WORK DISK FILE	05/11/83	CMT					740
FINAL USER TAPE #							
FINAL MULCHEK							
EDITED DISK FILE	05/12/83	CMT					740
DATA SET "FINALIZED"							

RCUD

18350 TAPE

ACCESSION NUMBER

79-0336

11/26/79

DATA DOCUMENTATION FORM

TR 5043

FORM 24-13

71 DOF A:2:18

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

(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.

FT 191

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

NDT30
NSTL Station, Miss 39529

FILE ID = 110179

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

SPR - Bine Disposal
Analysis Prog

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

OPEMS 080179

4. PLATFORM NAME(S)

OPEMS

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
8/1/79	8/31/79

8. ARE DATA PROPRIETARY?

NO YES

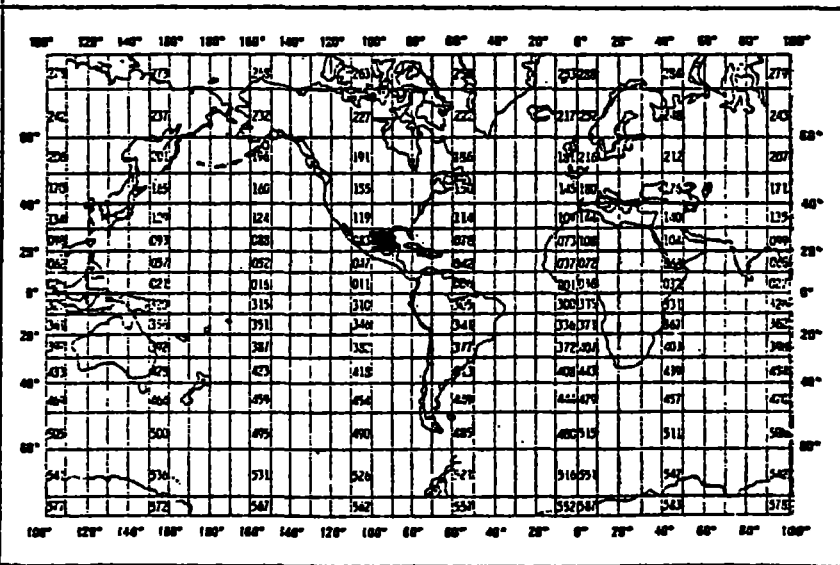
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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)

W.L. Beach
601-688-2806

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/s	Bendix 123A		
.. Direction	degrees of arc	J Tec VA-310		
Air Temp	°C	YSI		
SFC Water Temp	°C	YSI		
Air pressure	mb	Rosemount 1201 F		

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 091 mag Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

3. ATTRIBUTES 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

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"/> _____	
6. NUMBER OF TRACKS (CHANNELS) <input checked="" 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-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)	
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

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Descriptive Header Record</u>				
FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"1"
STATION	11	6	A6	Unique name of observation point
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
LATITUDE	27	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	33	1	A1	"N" or "S" hemisphere
LONGITUDE	34	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	41	1	A1	"E" or "W" hemisphere
BOTTOM DEPTH	42	5	I5	Meters to tenths
MAGNETIC VARIATION	47	4	I4	Whole degrees from true north (signed value)
BUOY HEADING*	51	3	I3	Whole degrees from true north
SAMPLING RATE*	54	4	I4	Original measurements per minute, to tenths
SAMPLING DURATION*	58	4	I4	Minutes to hundredths
TOTAL INTERVALS*	62	3	I3	Number of frequency intervals
CHIEF SCIENTIST	65	20	A20	
INSTITUTION	85	20	A20	Data source
COMMENTS	105	16	A16	

*For buoy data only

Environmental Data Record

FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"B" (environmental data rec.)
STATION	11	6	A6	Unique name of observation pt.
OBSERVED DATE	17	6	3I2	Year, Month, Day (G.M.T.)
OBSERVED TIME	23	4	2I2	Hours, Minutes (G.M.T.)
ALTITUDE	27	3	I3	Meteorology alt., meters to tenths
AIR TEMP	30	4	I4	Temperature, Celsius to tenths
DEW POINT	34	4	I4	Temperature, Celsius to tenths

FORMAT DESCRIPTION: Meteorology and Wave Spectra (091)

Field Name	Position From - 1 Measured In Bytes	Length In Bytes	Code	Use and Meaning
<u>Environmental Data Record (cont'd)</u>				
BAROMETER	38	5	I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4	I4	Meters/sec. to hundredths
WIND DIRECTION	47	4	I4	From true north, degrees to tenths
WEATHER	51	1	I1	Current Weather (WMO code 4501)
VISIBILITY	52	3	I3	Nautical miles, to tenths
PRECIPITATION	55	4	I4	Accumulation in millimeters
SOLAR RADIATION	59	3	I3	Langleys/minute to hundredths -wave length less than 3.6 microns
SOLAR RADIATION	62	3	I3	Langleys/minute to hundredths -wave length from 4.0 to 50 microns
SIGNIFICANT WAVE HEIGHT	65	3	I3	Meters to tenths, corrected for low frequency noise, etc.
AVERAGE WAVE PERIOD	68	3	I3	Seconds to tenths
AVERAGE WAVE DIRECTION	71	3	I3	Direction of predominant waves in whole degrees from true N
HIGHEST CREST	74	3	I3	Meters to tenths, from reference level
DEEPEST TROUGH	77	3	I3	Meters to tenths, from reference level
TEMPERATURE	80	4	I4	Sea surface temp. to hundredths
SALINITY	84	5	I5	Parts per thousand to thousandths
CONDUCTIVITY	89	5	I5	Millimhos/cm to thousandths
blanks	94	27	27X	
<u>Wave Spectra Data Record</u>				
FILE TYPE	1	3	A3	"091"
FILE DATE	4	6	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	A1	"3"
STATION	11	6	A6	Unique name of observation pt.

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 NOBO. 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)	HMMM	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)	HMMM	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 HUNDREDOths, WAVE LENGTH LESS THAN 3.6 MICRONS	59
SOLAR RADIATION	XXX - LANGLEYS/MIN TO HUNDREDOths, 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 TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	80
SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	84
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 PERIOD	XX - SECONDS	113
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 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 TEN-THOUSANDTHS	39
DENSITY	XXXXXX - SPECTRAL DENSITY OF INTERVAL IN M2/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
BLANKS		105

SUBSURFACE TEMPERATURE DATA RECORD	ALWAYS '4'	10
STATION	SEE RECORD '1'	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 ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	32
*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 TENTHS	32
*THIS FIELD IS REPEATED 2 TIMES IN COLS 62 AND 92		
V COMPONENT*	XXXXX - TRUE NORTH VECTOR IN CM/SECOND TO TENTHS	37
*THIS FIELD IS REPEATED 2 TIMES IN COLS 67 AND 97		
PRESSURE*	XXXXX - KG/CM ² 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 THOUSANDTHS	52
*THIS FIELD IS REPEATED 2 TIMES IN COLS 82 AND 112		
BLANKS		117

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACQUISITION/TRACK NO.: 7900336 TR5043

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
OLD QUADZ ORIGINATOR	606	N	120	4800	FB		1478
DUPLICATE	4125	SL	120	— SDF —			1478
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

① LABEL = NDPC * F191T5043.

② ~~FILE~~ FILE ID = TRACK #

DATA SET ROUTE SHEET

ACCESSION/TRACK # 7900336

TR 5043

Step OLD QUADI ORIGINATOR TAPE #	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
	2/1/80	FJM					
QUADI/SCAN TAPE #			606	1	4800	120	1478
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"							

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900336

- 1) File Type: 191
2) Project Ident.: BONE DISPOSAL
3) Track Nos.: TR 5043

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
① METER/BOTTOM DEPTH DECIMAL	✓
② COL 105-108 COMMENTS Shifted & insert truncated	✓
③ Converted From 091 TO FT191	✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
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III. Processor Name: _____

18364 TAPE

ACCESSION NUMBER

79-0336

DATA DOCUMENTATION FORM

DDF-A: 2: 18 TR 5044

2 ID 11/26/79

NOAA FORM 24-13

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-R2551
EXPIRES 1-81

TC 05

(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
 FILE ID = 110179

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
 STAR - Brine Disposal
 Analysis Prog

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
 OPEMS
~~STAR~~ 080179

4. PLATFORM NAME(S) SEA OPEMS	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/PAY/YR	TO: MO/DAY/YR
		USA	USA	8/1/79	8/31/79

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)
 W.L. Becht
 601-688-2806

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
current speed direction	cm/s } degrees of arc }	AMF VACCM		
Water Temp	°C	YSI		
Salinity	‰	Plessey 5520-1		

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 005

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

3. ATTRIBUTES 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 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"/> 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>13. LENGTH OF BYTES IN BITS</p>

RECORD FORMAT DESCRIPTION

9-5-78

MESA BIGET FILE TYPE 005

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>File Header Record</u>					
FILE TYPE	1	3	bytes	A3	"005" (constant value)
FILE DATE	4	6	bytes		Date of File Creation
YEAR	4	2	bytes	I2	Last two digits of year
MONTH	6	2	bytes	I2	Month "01" thru "12"
DAY	8	2	bytes	I2	Day "01" thru "31"
RECORD TYPE	10	1	bytes	A1	"1" for File Header
STATION	11	5	bytes	A5	Buoy Station Identifier
SEQUENCE	16	1	bytes	I1	File Header Number
TEXT	17	44	bytes	44A1	Optional Comments
<u>Station Header Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	bytes	3I2	Degrees, Minutes, Seconds
LATHEM	22	1	bytes	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	bytes	I3,2I2	Degrees, Minutes, Seconds
LONGHEM	30	1	bytes	A1	"W" or "E" Hemisphere
SENSOR	31	4	bytes	I4	Depth in Meters to tenths
WATER	35	4	bytes	I4	Depth in Meters to tenths
SENSOR SERIAL NUMBER	39	4	bytes	I4	
BLANK	43	18	bytes	18x	
<u>Data Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "4"
DATE	16	6	bytes	3I2	Year, Month, Day; observed
TIME	22	4	bytes	I4	Time in Hours to hundredths
DIRECTION	26	3	bytes	I3	Whole degrees from true north
VELOCITY	29	4	bytes	I4	Current; whole cm/sec
TEMP	33	3	bytes	I3	Degrees Celsius to tenths
SALINITY	36	5	bytes	I5	Parts per Thousand to thousandths
BLANK	41	40 2	bytes	40 X	

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0336 TR5044

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18364	N	60	60	F	
QUADRIPLICATE	13622	N	60	4800	FB	
REFORMATTED						
FIRST USER	13944	SL	60	4800	FB	DSN = TR5044
FINAL USER	14174	SL	60	4800	FB	DSN = TR5044

Data Set Route Sheet

TR 5044

Accession # 79-0336

Step	Completion Date/Init.		Tape #,	# of Files	BLKSIZE,	LRECL
1. Originator Tape #	11/26/79	FJM	B18364	1	60	60
2. ^{QUAD} Duplicate Tape #	1/8/80	FJM	13622	1	4800	60
3. DDF Evaluation						
4. Quality Review						
5. Preliminary Data Sort						
6. Preliminary Check	6/6/80	SPK				
7. First User Tape #	6/11/80	SPK	13444	1	4800	60
8. Final User Tape #	6/11/80	SPK	14174	1	4800	60
9. Final Check	6/10/80	SPK				
10. NAPIS Inventory	6/10/80	SPK				
11. DIP Inventory						
12. Data Set 'Finalized'						

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0336

- 1) File Type: 005
- 2) Project Ident.: BRINE DISPOSAL PGM.
- 3) Track Nos.: TR 5044

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
MISSING DATA Filled w/ '9's	✓ (FJM)

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
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III. Processor Name: _____

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

SESSION NO: 79-0336

TR 5041

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18363	N	60	60	F	
DUPLICATE	479	N	60	4800	FB	
REFORMATTED						
CORRECTED FIRST USER	000734	SL	60	4800	FB	DSN= TR5041
CORRECTED FINAL USER <small>okup</small>	014283	SL	60	4800	FB	DSN= TR.5041

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

SESSION NO: 79-0336 TR5044

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	B18364	N	60	60	F	
QUADRIPLICATE	13622	N	60	4800	FB	
REFORMATTED						
FIRST USER	13944	SL	60	4800	FB	DSN = TR5044
FINAL USER	14174	SL	60	4800	FB	DSN = TR5044

4:2:19

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7900336

- 1) File Type: 191
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 5042

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
① COL 105-108 MOVED & DELETED TRUNCATED (REMARKS FIELD)	✓
② DEPTH DECIMAL POINT TO Bottom & Meter	✓

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
① Embedded blanks in the time field	Blanks were deleted and fields filled with 0 (zeros)
② DELETED ALL BUT FIRST R/T 1	

III. Processor Name: J Nelson

COPIES/ION/TRACK NO.: 7900336 TR5042

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS	
OLD QUAD ORIGINAL	3035	N	80 120	4800	FB		1422	
DUPLICATE	4117	SL	120	SDF			1422	
REFORMATTED								
FIRST USER								
FINAL USER								
DISK FILE	DSN					REMARKS	# RECORDS	
WORK DISK FILE		DIS JOY * FOISA.TR 5042						1422
EDITED DISK FILE		DMMOE * MPD 75. F191T 5042						

- ① LABEL = NDDC * F191T 5042.
- ② FILE ID = TRACK #
- ③ CONVERTED FROM TRACK # 101

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900336	F191	TR5039	0093	313B	317F	1977/12/22	110179	310521
7900336	F005	TR5041	0093	313B	317F	1979/09/01	110179	310523
7900336	F191	TR5042	0093	313B	317F	1979/09/01	110179	310524
7900336	F191	TR5043	0093	313B	317F	1979/08/01	110179	310525
7900336	F005	TR5044	0093	313B	317F	1979/08/01	110179	310526
7900336	F144	TR5040	0093	31X7	31G3	1979/04/30	790915	310522

(6 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7900336	F191	TR5039	317F	1	467	77/12/22	77/12/22
7900336	F005	TR5041	317F	1	716	79/09/01	79/09/30
7900336	F191	TR5042	317F	1	712	79/09/01	79/09/01
7900336	F191	TR5043	317F	1	740	79/08/01	79/08/01
7900336	F005	TR5044	317F	1	744	79/08/01	79/08/31
7900336	F144	TR5040	31G3	18	91	79/04/30	79/05/02

(6 rows affected)