

ACCESSION  
NUMBER

8800209

DATA DOCUMENTATION FORM **F191 BR7031-BR7124**

NOAA FORM 24-13  
(4-77)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238

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.

**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  
**SALLIE P. NOLAN**  
**NOMA / NATIONAL DATA BUOY CENTER**  
**NSTL STATION, MS 39529**

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

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

4. PLATFORM NAME(S)  
**BUOY**

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

6. PLATFORM AND OPERATOR NATIONALITY(IES)  

PLATFORM	OPERATOR
<b>BUOY</b>	<b>USA</b>

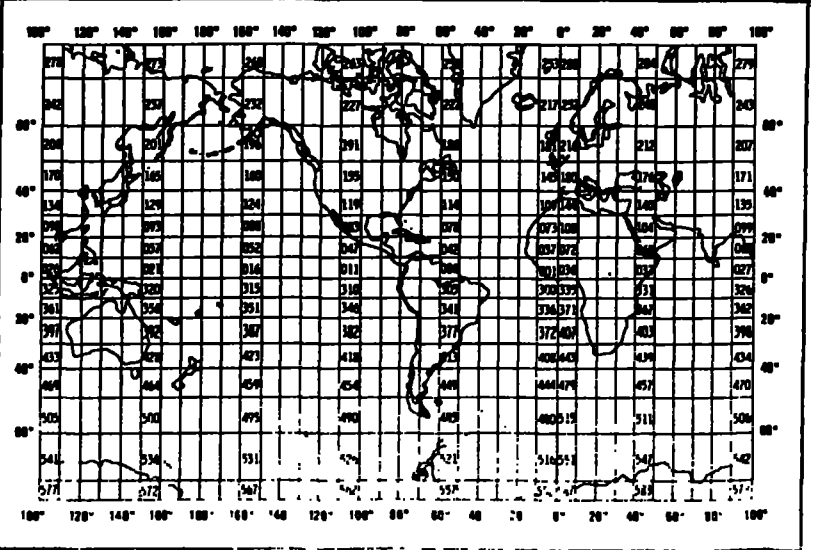
7. DATES  

FROM: MO, DAY, YR	TO: MO, DAY, YR

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)  
**SALLIE P. NOLAN**  
**8-494-1721**

8800209 C. DATA FORMAT F191

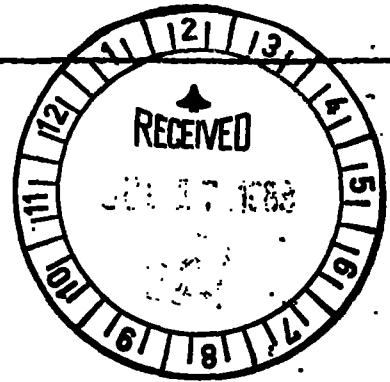
COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

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 "2" is Environmental Data. File keys are included along with meteorology and wave conditions.  
Record type "3" is Wave Spectra Data.  
Record type "4" is Subsurface Temperature Data.  
Record type "5" is other Subsurface Data.  
Record type "6" is Co and Quad Spectra for Directional Waves.  
Record type "7" is Angular Fourier Coefficients for Directional Waves.  
Record type "8" is Directional Wave Data.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for file organization description]



3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER \_\_\_\_\_  
ADDRESS \_\_\_\_\_

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" 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</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 356 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>4080</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

**RECORD FORMAT DESCRIPTION**

RECORD NAME File Name: Meteorology and Wave Spectra (File Type "191")

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., Min, Hours)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b><u>DESCRIPTIVE HEADER RECORD</u></b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"1" Descriptive header record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
LATITUDE	27	6		3I2	Degrees, Minutes, Seconds
LAT. HEMISPHERE	33	1		A1	"N" or "S" Hemisphere
LONGITUDE	34	7		I3, 2I2	Degrees, Minutes, Seconds
LON. 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
WAVE SAMPLING RATE*	54	4		I4	Original measurements per minute to tenths
WAVE SAMPLING DURATION*	58	4		I4	Minutes to hundredths
WAVE TOTAL INTERVALS*	62	3		I3	Number of frequency intervals
CHIEF SCIENTIST	65	20		A20	(optional)
INSTITUTION	85	20		A20	Data source
WIND SAMPLING DURATION	105	3		I3	Minutes to tenths
COMMENTS	108	13		A13	
*for buoy data only					
<b><u>ENVIRONMENTAL DATA RECORD</u></b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"2" (environmental data rec.)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
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
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

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (0-6, Min, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
PRECIPITATION	55	4		I4	Accumulation in millimeters
SOLAR RADIATION	59	3		I3	Langleys/minute to hundredths - wave length less than 3.6
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
DOMINANT 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
SEA SURFACE TEMPERATURE	80	4		I4	Temperature Celsius to hundredths
SEA SURFACE SALINITY	84	5		I5	Parts per thousand to thousandths
CONDUCTIVITY	89	5		I5	Millimhos/cm to thousandths
DOMINANT WAVE PERIOD	94	3		I3	Seconds to tenths
MAXIMUM WAVE HEIGHT	97	3		I3	Meters to tenths.
MAXIMUM WAVE STEEPNESS	100	3		I3	To be defined
WIND GUST	103	4		I4	Meters/sec. to hundredths
WIND GUST(avg. pd.) AVERAGING PERIOD	107	2		I2	Seconds
WIND GUST	109	4		I4	Meters/sec. to hundredths
WIND GUST	113	2		I2	Seconds
WIND SPEED(58 min. average)	115	3		I3	Meters/sec. to tenths whole degrees
WIND DIRECTION(58 min. average)	118	3		I3	Whole degrees
<b>WAVE SPECTRA DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"3"(Wave Spectra Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
INTERVALS PER DIRECTION	27	3		I3	Zero for non-directional spectra, or total number of frequencies in this direction
DIRECTION	30	4		I4	Blank for non-directional spectra, or degrees to tenths from true N for frequencies on this record

**RECORD FORMAT DESCRIPTION**

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 20, 25, 30)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>WAVE SPECTRA DATA RECORD (cont'd)</b>					
COUNT	34	1		I1	Number of frequencies on this record
DATA	35	70		5(2I4,I6)	Up to 5 Frequency, Resolution, Density fields. Null fields blank
Frequency	35, 49, 63 77, 91	4		I4	Center frequency of interval in Hertz to thousandths
Resolution	39, 53, 67 81, 95	4		I4	Resolution of interval in Hertz to ten-thousandths
Density	43, 57, 71 85, 99	6		I6	Spectral Density of interval in m <sup>2</sup> /Hz to thousandths
BLANKS	105	16		16X	Fill the fixed length record
<b>SUBSURFACE TEMPERATURE DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1		A1	"4" (Subsurface Temperature Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
DATA	27	90		10(I5,I4)	Up to 10 Depth and temperature fields
Depth	27, 36, 45 54, 63, 72 81, 90, 99 108	5		I5	Obs. level, meters to tenths
Temperature	32, 41, 50 59, 68, 77 86, 95, 104 113	4		I4	Degrees Celsius to hundredths (include Sea Surface Temperature)
BLANKS	117	4		4X	Fill the fixed length record
<b>SUBSURFACE DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1		A1	"5" (Subsurface Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
DATA	27	90		3(I5,I5,I5 I5,I5,I5)	Up to 3 Depth, U Component, V Component, Pressure, Conductivity, Salinity fields
Depth	27, 57, 87	5		I5	Obs. Level, meters to tenths

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 100, 1000)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>SUBSURFACE DATA RECORD (cont'd)</b>					
U Component	32, 62, 92	5		I5	East vector in cm/sec. to tenths
V Component	37, 67, 97	5		I5	True north vector in cm/sec. to tenths
Pressure	42, 72, 102	5		I5	Kg./cm <sup>2</sup> to hundredths
Conductivity	47, 77, 107	5		I5	Milliomhos/cm. to thousandths
Salinity	52, 82, 112	5		I5	Parts per 1000 to thousandths
BLANKS	117	4		4X	Fill the fixed length record

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Min, Bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES</b>					
FILE TYPE	1	3	Bytes	I3	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "6"
STATION NUMBER	11	6	Bytes	A6	Unique name of observation point
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hours, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval in Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
CO-SPECTRA C <sub>11</sub>	36	6	Bytes	Signed Integers I6	Up to 9 <u>uncorrected</u> values of Co and Quad spectra in meters squared/Hz. The order these spectra are presented is: C <sub>11</sub> , C <sub>22</sub> , C <sub>33</sub> , C <sub>12</sub> , Q <sub>12</sub> , C <sub>13</sub> , Q <sub>13</sub> , C <sub>23</sub> , and Q <sub>23</sub>
EXPONENT	42	2	Bytes	I2	Where subscripts are defined as follows: 1. Heave 2. E-W Slope 3. N-S Slope  If the exponent is less than -9 the exponent and its associated spectra should be zero
CO-SPECTRA C <sub>22</sub>	44	6	Bytes	I6	
EXPONENT	50	2	Bytes	I2	
CO-SPECTRA C <sub>33</sub>	52	6	Bytes	I6	
EXPONENT	58	2	Bytes	I2	
CO-SPECTRA C <sub>12</sub>	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	
QUAD-SPECTRA Q <sub>12</sub>	68	6	Bytes	I6	
EXPONENT	74	2	Bytes	I2	
CO-SPECTRA C <sub>13</sub>	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
QUAD-SPECTRA Q <sub>13</sub>	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
CO-SPECTRA C <sub>23</sub>	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
QUAD-SPECTRA Q <sub>23</sub>	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
C <sub>22</sub> - C <sub>33</sub>	108	6	Bytes	I6	
EXPONENT	114	2	Bytes	I2	
BLANKS	116	5	Bytes	5x	

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., Min, Bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES</b>					
FILE TYPE	1	3	Bytes	I3	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "7"
STATION NUMBER	11	6	Bytes	A6	Same as "1"
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day. (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hour, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
ANGULAR FOURIER	36	6	Bytes	signed integers I6	Up to 9 <u>corrected</u> values of the angular fourier coefficients in meters <sup>2</sup> /Hz. The order of these coefficients is: $a_0, a_1, b_1, a_2, b_2, a_3, b_3, a_4, b_4$
EXPONENT	42	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	44	6	Bytes	I6	
EXPONENT	50	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	52	6	Bytes	I6	
EXPONENT	58	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	68	6	Bytes	I6	
EXPONENT	74	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
MEAN WAVE DIRECTION	108	3	Bytes	I3	Mean wave direction given by $\arctan b_1/a_1$ in whole degrees from true north(opt. entry)
BLANKS	111	10	Bytes	10X	Blanks



PARAMETER	DESCRIPTION	SC
<b>DIRECTIONAL WAVE PARAMETER</b>		
RECORD	Always '8'	10
STATION	See Record '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME	HHMM	23
COUNT	X - Number of Frequencies on this Record (=1,2,or3)	27
FREQUENCY	XXXX - Center of Band in HZ to Ten-Thousandths	28
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten-Thousandths	32
R1 (see below)	XXXX - Recorded to Nearest Hundredth	36
R2 (see below)	XXXX - Recorded to Nearest Hundredth	40
A1 (see below)	XXXX - Recorded in Degrees to Tenths	44
A2 (see below)	XXXX - Recorded in Degrees to Tenths	48
C118 (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	52
FREQUENCY	XXXX - Center of Band in HZ to Ten-Thousandths	58
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten-Thousandths	62
R1 (see below)	XXXX - Recorded to Nearest Hundredth	66
R2 (see below)	XXXX - Recorded to Nearest Hundredth	70
A1 (see below)	XXXX - Recorded in Degrees to Tenths	74
A2 (see below)	XXXX - Recorded in Degrees to Tenths	78
C118 (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	82
FREQUENCY	XXXX - Center of Band in HZ to Ten-Thousandths	88
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten-Thousandths	92
R1 (see below)	XXXX - Recorded to Nearest Hundredth	96
R2 (see below)	XXXX - Recorded to Nearest Hundredth	100
A1 (see below)	XXXX - Recorded in Degrees to Tenths	104
A2 (see below)	XXXX - Recorded in Degrees to Tenths	108
C118 (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	112
BLANKS		118

NOTE: DIRECTIONAL WAVE SPECTRA =  $S(F,A)*D(F,A)$ , in which  $F$  = FREQ(HZ),  
 $A$  = Azimuth Angle measured clockwise from North to direction wave is from.  
 $D(F,A) = (1/PI)*((1/2)+R1*COS(A-A1)+R2*COS(2*(A-A2)))$ ,  
in which  $R1$  and  $R2$  are dimensionless and  $A1$  and  $A2$  are respectively mean and principal wave directions. In terms of Longuet-Higgins Fourier Coefficients,  $R1 = (SQRT(A1*A1+B1*B1))/A0$ ,  $R2 = (SQRT(A2*A2+B2*B2))/A0$ ,  
 $A1 = ARCTAN(B1,A1)$ ,  $A2 = (1/2)ARCTAN(B2,A2) + 0$  or  $PI$ .  $C118(M^2M/HZ) = (C22+C33)/(K*K)$  in which  $K$ , the propagation constant, is the solution to  $W*W = C*K*TANH(K*D)$ , in which  $W = 2*PI*F$ ,  $G = 9.806 M/(SEC*SEC)$ , and  $D$  is mean water depth in meters.

USER NAME <b>Mitchell</b>	PHONE # <b>673 5643</b>	ORG/TASK # <b>E/OC13</b>	DATE SUBMITTED <b>8-3-88</b>	DATE DUE	BIN # <b>33</b>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

# VAX RUN PROC BRBUOY\_25

INPUT MEDIUM PAPER CARD DISK <b>TAPE</b> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <b>PRINT</b> <b>TAPE</b> PLOT DISKETTE OTHER(SPECIFY)
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TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
<b>AC0774</b>		<b>9</b>	<b>1600</b>	<b>ODD</b>	<b>NL</b>	<b>FB</b>	<b>120</b>	<b>4080</b>	<b>1</b>
SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
<b>W09316</b>		<b>9</b>	<b>1600</b>	<b>ODD</b>	<b>NL</b>	<b>FB</b>	<b>120</b>	<b>4080</b>	<b>1</b>
SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED  
EXECUTION  
TIME

**\* PLEASE ASSIGN "W" TAPE**

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<b>88080349</b>	<b>08/03/88</b>	<b>12:30</b>	<b>15:00</b>	<b>C</b>	<b>COMPLETED BY J.S.</b>

COMMENTS

MITCHELL

5643

EJOC13

8-4-88

33

# VAX RUN PROC BRBUOY\_26

INPUT MEDIUM PAPER CARD DISK <b>TAPE</b> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <b>PRINT</b> <b>TAPE</b> PLOT DISKETTE OTHER(SPECIFY)
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## TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
INPUT	<del>167</del> <b>A00715</b>		<b>9</b>	<b>1600</b>	<b>ODD</b>	<b>NL</b>	<b>FB</b>	<b>120</b>	<b>4080</b>	<b>1</b>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
OUTPUT	<del>167</del> <b>W09671</b>		<b>9</b>	<b>1600</b>	<b>ODD</b>	<b>NL</b>	<b>FB</b>	<b>120</b>	<b>4800</b>	<b>1</b>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	

## SPECIAL INSTRUCTIONS

**PLEASE ASSIGN "W" TAPE**

ESTIMATED  
EXECUTION  
TIME

## B731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<b>48080401</b>	<b>48/05/88</b>	<b>11:30</b>	<b>15:45</b>	<b>C</b>	<b>COMPLETED BY J.S.</b>

## COMMENTS

USER NAME: MITCHELL  
 PHONE #: 673 5643  
 ORG/TASK #: E/OC13  
 DATE SUBMITTED: 8-5-88  
 DATE DUE: [blank]  
 BIN #: 33

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

VAX RUN PROC BRBUOY\_27

INPUT MEDIUM: PAPER, CARD, DISK, TAPE (circled), DISKETTE, OTHER(SPECIFY)  
 OUTPUT MEDIUM: CARD, DISK, PRINT (circled), TAPE (circled), PLOT, DISKETTE, OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
INPUT	<del>100776</del>		9	1600	ODD	NL	FB	120	4080	1	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
OUTPUT	<del>109774</del>		9	1600	ODD	NL	FB	120	4800	1	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS

PLEASE ASSIGN "W" TAPE

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
98080501	08/08/88	10:05	11:35	C	COMPLETED BY JS

COMMENTS

CHUCK  
 PLEASE SCAN TAPE

INPUT MEDIUM TAPE CARD DISK SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
---	---

1/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00774		9	1600	ODD	NL		120	4480	1
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

ADDITIONAL INSTRUCTIONS  
 PLEASE RETURN TAPE A00774  
 TO BIN 01

ESTIMATED  
 EXECUTION  
 TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
08/01/88	11:45	11:55	C	COMPLETED BY J.S.

JTS

PLEASE SCAN TAPE

INPUT MEDIUM  
 TAPE  
 CARD DISK TAPE  
 SKETTE OTHER(SPECIFY)

OUTPUT MEDIUM  
 PRINT TAPE PLOT  
 CARD DISK  
 DISKETTE OTHER(SPECIFY)

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
A00775		9	1600	ODD				4050	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

PLEASE RETURN TAPE A00775  
 TO BIN 01

ESTIMATED  
 EXECUTION  
 TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
08/01/88	11:25	11:40	C	COMPLETED BY J.S.

PLEASE SCAN TAPE

INPUT MEDIUM PER CARD DISK TAPE KETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
--	---

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00776		9	1600	ODD				4480	1
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

ADDITIONAL INSTRUCTIONS

PLEASE RETURN TAPE A00776  
TO BIN 01

ESTIMATED  
EXECUTION  
TIME

OPERATOR USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
08/01/88	11:15	11:20	C	COMPLETED BY J.S.

8800209

R-STONE

TO: E/OC12 - ~~C. Noe~~  
E/OC11 - P. Hadsell  
FROM: E/OC13 - A. Picciolo  
DATE: August 11, 1988  
SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

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ARCHIVE AND INVENTORIES BRANCH (E/OC11)

----- Level II -----

Wind/Wave Spectra (F191)

Acc: 8800209 Ref: BR7031 - 7124 94 sta. 562,750 records

June 1988 NDBC

cc: Division Director



TO: E/OC12 - C. Noe  
E/OC11 - P. Hadsell ←  
FROM: E/OC13 - A. Picciolo  
DATE: August 11, 1988  
SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

---

---

ARCHIVE AND INVENTORIES BRANCH (E/OC11)

----- Level II -----

Wind/Wave Spectra (F191)

Acc: 8800209 Ref: BR7031 - 7124 94 sta. 562,750 records

June 1988 NDBC

cc: Division Director

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8800209	BR7031	F191		313B	317F	32302	06/01/88	06/30/88	1	7,156
8800209	BR7032	F191		313B	317F	41002	06/01/88	06/30/88	1	2,160
8800209	BR7033	F191		313B	317F	41008	06/01/88	06/30/88	1	43,859
8800209	BR7034	F191		313B	317F	42001	06/01/88	06/30/88	1	7,160
8800209	BR7035	F191		313B	317F	42002	06/14/88	06/30/88	1	4,004
8800209	BR7036	F191		313B	317F	42003	06/01/88	06/30/88	1	7,164
8800209	BR7037	F191		313B	317F	42007	06/01/88	06/30/88	1	7,142
8800209	BR7038	F191		313B	317F	42015	06/01/88	06/30/88	1	43,802
8800209	BR7039	F191		313B	317F	42016	06/01/88	06/30/88	1	43,920
8800209	BR7040	F191		313B	317F	44004	06/01/88	06/30/88	1	8,640
8800209	BR7041	F191		313B	317F	44005	06/22/88	06/30/88	1	2,470
8800209	BR7042	F191		313B	317F	44007	06/01/88	06/30/88	1	7,146
8800209	BR7043	F191		313B	317F	44008	06/01/88	06/30/88	1	7,058
8800209	BR7044	F191		313B	317F	44009	06/01/88	06/30/88	1	7,108
8800209	BR7045	F191		313B	317F	44011	06/01/88	06/30/88	1	8,630
8800209	BR7046	F191		313B	317F	44012	06/01/88	06/28/88	1	6,310
8800209	BR7047	F191		313B	317F	44013	06/01/88	06/30/88	1	7,172
8800209	BR7048	F191		313B	317F	45001	06/01/88	06/30/88	1	6,800
8800209	BR7049	F191		313B	317F	45002	06/01/88	06/30/88	1	7,166
8800209	BR7050	F191		313B	317F	45003	06/01/88	06/30/88	1	7,190
700209	BR7051	F191		313B	317F	45004	06/01/88	06/30/88	1	7,140
700209	BR7052	F191		313B	317F	45005	06/01/88	06/30/88	1	7,016
8800209	BR7053	F191		313B	317F	45006	06/01/88	06/30/88	1	7,056
8800209	BR7054	F191		313B	317F	45007	06/01/88	06/30/88	1	7,170
8800209	BR7055	F191		313B	317F	45008	06/01/88	06/30/88	1	6,055
8800209	BR7056	F191		313B	317F	46001	06/01/88	06/30/88	1	8,640
8800209	BR7057	F191		313B	317F	46002	06/01/88	06/30/88	1	480
8800209	BR7058	F191		313B	317F	46003	06/01/88	06/30/88	1	8,630
8800209	BR7059	F191		313B	317F	46004	06/01/88	06/29/88	1	8,256
8800209	BR7060	F191		313B	317F	46005	06/01/88	06/30/88	1	8,620
8800209	BR7061	F191		313B	317F	46011	06/01/88	06/30/88	1	7,190
8800209	BR7062	F191		313B	317F	46012	06/01/88	06/30/88	1	7,130
8800209	BR7063	F191		313B	317F	46013	06/01/88	06/30/88	1	7,192
8800209	BR7064	F191		313B	317F	46014	06/01/88	06/30/88	1	7,184
8800209	BR7065	F191		313B	317F	46016	06/01/88	06/09/88	1	134
8800209	BR7066	F191		313B	317F	46017	06/01/88	06/30/88	1	478
8800209	BR7067	F191		313B	317F	46022	06/01/88	06/30/88	1	8,596
8800209	BR7068	F191		313B	317F	46023	06/01/88	06/30/88	1	7,124
8800209	BR7069	F191		313B	317F	46025	06/01/88	06/30/88	1	7,190
8800209	BR7070	F191		313B	317F	46026	06/14/88	06/30/88	1	3,884
8800209	BR7071	F191		313B	317F	46027	06/01/88	06/30/88	1	6,994
8800209	BR7072	F191		313B	317F	46028	06/01/88	06/30/88	1	8,498
8800209	BR7073	F191		313B	317F	46030	06/11/88	06/30/88	1	4,680
8800209	BR7074	F191		313B	317F	46035	06/01/88	06/30/88	1	7,068
8800209	BR7075	F191		313B	317F	46039	06/01/88	06/30/88	1	2,212
8800209	BR7076	F191		313B	317F	46040	06/01/88	06/30/88	1	7,114
700209	BR7077	F191		313B	317F	46041	06/01/88	06/30/88	1	7,192
700209	BR7078	F191		313B	317F	46042	06/01/88	06/30/88	1	41,726
8800209	BR7079	F191		313B	317F	46125	06/01/88	06/30/88	1	15,036
8800209	BR7080	F191		313B	317F	51001	06/01/88	06/30/88	1	8,618
8800209	BR7081	F191		313B	317F	51003	06/01/88	06/30/88	1	8,630

900209	BR7082	F191	313B	317F	51005	06/01/88	06/30/88	1	7,024
00209	BR7083	F191	313B	317F	ALSN6	06/01/88	06/30/88	1	1,428
800209	BR7084	F191	313B	317F	BURL1	06/01/88	06/30/88	1	1,438
8800209	BR7085	F191	313B	317F	BUZM3	06/01/88	06/30/88	1	1,436
8800209	BR7086	F191	313B	317F	CARD3	06/01/88	06/30/88	1	1,438
8800209	BR7087	F191	313B	317F	CHLV2	06/01/88	06/30/88	1	6,918
8800209	BR7088	F191	313B	317F	CLKN7	06/01/88	06/30/88	1	1,438
8800209	BR7089	F191	313B	317F	CSBF1	06/01/88	06/30/88	1	1,438
8800209	BR7090	F191	313B	317F	DBLN6	06/01/88	06/30/88	1	1,424
8800209	BR7091	F191	313B	317F	DESW1	06/01/88	06/30/88	1	1,440
8800209	BR7092	F191	313B	317F	DISW3	06/01/88	06/30/88	1	1,438
8800209	BR7093	F191	313B	317F	DPIA1	06/01/88	06/30/88	1	1,290
8800209	BR7094	F191	313B	317F	DSLN7	06/01/88	06/30/88	1	1,438
8800209	BR7095	F191	313B	317F	FBIS1	06/01/88	06/30/88	1	1,438
8800209	BR7096	F191	313B	317F	FFIA2	06/01/88	06/30/88	1	1,438
8800209	BR7097	F191	313B	317F	FPSN7	06/01/88	06/30/88	1	1,438
8800209	BR7098	F191	313B	317F	GDIL1	06/01/88	06/30/88	1	1,438
8800209	BR7099	F191	313B	317F	GLLN6	06/01/88	06/30/88	1	1,358
8800209	BR7100	F191	313B	317F	IOSN3	06/01/88	06/30/88	1	1,436
8800209	BR7101	F191	313B	317F	LKWF1	06/01/88	06/30/88	1	1,436
8800209	BR7102	F191	313B	317F	MDRM1	06/01/88	06/30/88	1	1,440
8800209	BR7103	F191	313B	317F	MISM1	06/01/88	06/30/88	1	1,438
8800209	BR7104	F191	313B	317F	MLRF1	06/01/88	06/30/88	1	1,436
8800209	BR7105	F191	313B	317F	MPCL1	06/01/88	06/30/88	1	7,132
8800209	BR7106	F191	313B	317F	NWPO3	06/01/88	06/30/88	1	1,438
700209	BR7107	F191	313B	317F	PILM4	06/01/88	06/30/88	1	1,438
00209	BR7108	F191	313B	317F	PTAC1	06/01/88	06/30/88	1	1,438
8800209	BR7109	F191	313B	317F	PTAT2	06/01/88	06/30/88	1	1,434
8800209	BR7110	F191	313B	317F	PTGC1	06/01/88	06/30/88	1	1,440
8800209	BR7111	F191	313B	317F	ROAM4	06/01/88	06/22/88	1	1,016
8800209	BR7112	F191	313B	317F	SAUF1	06/01/88	06/30/88	1	1,438
8800209	BR7113	F191	313B	317F	SBI01	06/01/88	06/30/88	1	1,428
8800209	BR7114	F191	313B	317F	SGNW3	06/01/88	06/30/88	1	1,394
8800209	BR7115	F191	313B	317F	SISW1	06/01/88	06/30/88	1	1,440
8800209	BR7116	F191	313B	317F	SMKF1	06/01/88	06/30/88	1	1,416
8800209	BR7117	F191	313B	317F	SPGF1	06/01/88	06/30/88	1	1,402
8800209	BR7118	F191	313B	317F	SRST2	06/01/88	06/30/88	1	1,436
8800209	BR7119	F191	313B	317F	STDM4	06/01/88	06/30/88	1	1,434
8800209	BR7120	F191	313B	317F	SVLS1	06/01/88	06/30/88	1	1,436
8800209	BR7121	F191	313B	317F	TPLM2	06/01/88	06/30/88	1	1,398
8800209	BR7122	F191	313B	317F	TTIW1	06/01/88	06/30/88	1	1,440
8800209	BR7123	F191	313B	317F	VENF1	06/01/88	06/30/88	1	1,440
8800209	BR7124	F191	313B	317F	WPOW1	06/01/88	06/30/88	1	1,438

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ACCESSION NO. 8800209

FILETYPE F191

TRACK NO. BR7031 -  
7055

PROJECT IDENTIFICATION \_\_\_\_\_

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORD
ORIG. TAPE	8/1/88	J.P.S.	A00774*	1	120	4080	276522
DUPLICATE TAPE		<del>J.P.S.</del>					
REFORMATTED TAPE	8/3/88	J.C.S.	W09316*	1	120	<del>4080</del> 4080	276494
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

\* = NO LABEL

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D191P

ACCESSION NO. 8800209

FILETYPE F191

TRACK NO. BR 7056-  
7082

PROJECT IDENTIFICATION \_\_\_\_\_

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECOR
ORIG. TAPE	8-1-88	J.C.S. <del>A00775</del>	A00775 *	1	120	4080	2 15520
DUPLICATE TAPE							
REFORMATTED TAPE	8-4-88	J.C.S.	W09671 *	1	120	4800	2 15520
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

\* = NO LABEL

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D191P

W10035

ACCESSION NO. 8800209

FILETYPE F191

TRACK NO. BR 7083 - 7124

PROJECT IDENTIFICATION \_\_\_\_\_

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	8/1/88	JCS	A00776 *	1	120	4080	70,754
DUPLICATE TAPE							
REFORMATTED TAPE	8/8/88	JCS	W09774 *	1	120	4800	70,736
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

\* = No. Label

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D191P

## Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8800209	F291	BR7031	9999	313B	317F	1988/06/01	32302	180231
8800209	F291	BR7032	9999	313B	317F	1988/06/01	41002	180232
8800209	F291	BR7033	9999	313B	317F	1988/06/01	41008	180233
8800209	F291	BR7034	9999	313B	317F	1988/06/01	42001	180234
8800209	F291	BR7035	9999	313B	317F	1988/06/14	42002	180235
8800209	F291	BR7036	9999	313B	317F	1988/06/01	42003	180236
8800209	F291	BR7037	9999	313B	317F	1988/06/01	42007	180237
8800209	F291	BR7038	9999	313B	317F	1988/06/01	42015	180238
8800209	F291	BR7039	9999	313B	317F	1988/06/01	42016	180239
8800209	F291	BR7040	9999	313B	317F	1988/06/01	44004	180240
8800209	F291	BR7041	9999	313B	317F	1988/06/22	44005	180241
8800209	F291	BR7042	9999	313B	317F	1988/06/01	44007	180242
8800209	F291	BR7043	9999	313B	317F	1988/06/01	44008	180243
8800209	F291	BR7044	9999	313B	317F	1988/06/01	44009	180244
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