

Reference #

BR3427-3446

ACCESSION  
NUMBER

8500300

## DATA DOCUMENTATION FORM

APRIL 85

NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238FORM 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. Ward-Nolan NOAA/NATIONAL DATA BUOY CENTER NSTL Station, MS 39529				3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED TOGA							
4. PLATFORM NAME(S) —		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy		6. PLATFORM AND OPERATOR NATIONALITY(IES) Buoy USA		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 04/01/85 04/30/85	
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) Sallie P. NOLAN FTS-494-1721			

Reference #

BR3447-3475

ACCESSION NUMBER

8500300

FM 1

DATA DOCUMENTATION FORM

APRIL 85

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

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Sallie P. Ward-Nolan
NOAA/NATIONAL DATA BUOY CENTER
NSTL Station, MS 39529

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

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

4. PLATFORM NAME(S)
-

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

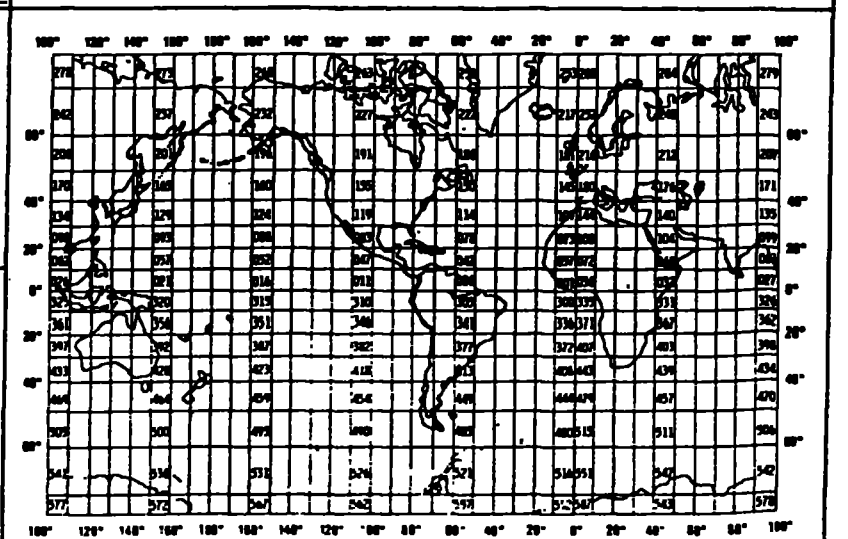
6. PLATFORM AND OPERATOR NATIONALITY(IES)
BUOY USA

7. DATES
FROM: MO/DAY/YR TO: MO/DAY/YR
04/01/85 04/30/85

8. ARE DATA PROPRIETARY?
[X] 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?)
[X] 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
FTS-494-1721

Reference #

BR3476-3508

ACCESSION  
NUMBER

8500300

## DATA DOCUMENTATION FORM

APRIL 85

NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238FORM APPROVED  
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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

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Sallie P. Ward-Nolan NOAA/NATIONAL DATA BUOY CENTER NSTL Station, MS 39529			
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4. PLATFORM NAME(S) —	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) BUOY	6. PLATFORM AND OPERATOR NATIONALITY(IES) BUOY USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 04/01/85 04/30/85
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	
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10. PERSON TO WHOM INQUIRIES CONCERNING THIS DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Sallie P. Nolan FTS-494-1721			

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

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
 AND THE 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 description of file organization]

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

4. RESPONSIBLE COMPUTER SPECIALIST:

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

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<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 KEY SPECIFICATIONS OF DATA TYPE, V.-LINE NUMBER)</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 DPI <input checked="" type="checkbox"/> 1600 DPI</p> <p><input type="checkbox"/> 556 BPI <del>_____</del></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. 00m, by/100)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>DESCRIPTIVE HEADER RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		312	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		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		212	Hours, Minutes (GMT)
LATITUDE	27	6		312	Degrees, Minutes, Seconds
LAT. HEMISPHERE	33	1		A1	"N" or "S" Hemisphere
LONGITUDE	34	7		13, 212	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					RECORD LENGTH IS 120
<b>ENVIRONMENTAL DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		312	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		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		212	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

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 87y, 87m)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMB. R	UNITS		
PRECIPITATION	55	4		14	Accumulation in millimeters
SOLAR RADIATION	59	3		13	Langleys/minute to hundredths - wave length less than 3.6
SOLAR RADIATION	62	3		13	Langleys/minute to hundredths wave length from 4.0 to 50 microns
SIGNIFICANT WAVE HEIGHT	65	3		13	Meters to tenths, corrected for low frequency noise, etc.
AVERAGE WAVE PERIOD	68	3		13	Seconds to tenths
DOMINANT WAVE DIRECTION	71	3		13	Direction of predominant waves in whole degrees from true N
HIGHEST CREST	74	3		13	Meters to tenths, from reference level
DEEPEST TROUGH	77	3		13	Meters to tenths, from reference level
SEA SURFACE TEMPERATURE	80	4		14	Temperature Celsius to hundredths
SEA SURFACE SALINITY	84	5		15	Parts per thousand to thousandths
CONDUCTIVITY	89	5		15	Millimhos/cm to thousandths
DOMINANT WAVE PERIOD	94	3		13	Seconds to tenths
MAXIMUM WAVE HEIGHT	97	3		13	Meters to tenths
MAXIMUM WAVE STEEPNESS	100	3		13	To be defined
WIND GUST	103	4		14	Meters/sec. to hundredths
WIND GUST (avg. pd.) AVERAGING PERIOD	107	2		12	Seconds
WIND GUST	109	4		14	Meters/sec. to hundredths
WIND GUST	113	2		12	Seconds
WIND SPEED (56 min. average)	115	3		13	Meters/sec. to tenths whole degrees
WIND DIRECTION (56 min. average)	118	3		13	Whole degrees
<b>WAVE SPECTRA DATA RECORD</b>					
FILE TYPE	1	3		A3	"19:" (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		13	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

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. bit, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>WAVE SPECTRA DATA RECORD (cont'd)</b>					
COUNT	34	1		11	Number of frequencies on this record
DATA	35	70		5(214,16)	Up to 5 Frequency, Resolution, Density fields. Null fields blank
Frequency	35, 49, 63 77, 91	4		14	Center frequency of interval in Hertz to thousandths
Resolution	39, 53, 67 81, 95	4		14	Resolution of interval in Hertz to ten-thousandths
Density	43, 57, 71 85, 99	6		16	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		312	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		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		112	Hours, Minutes (GMT)
DATA	27	90		10(15,14)	Up to 10 Depth and temperature fields
Depth	27, 36, 45 54, 63, 72 81, 90, 99 108	5		15	Obs. level, meters to tenths
Temperature	32, 41, 50 59, 68, 77 86, 95, 104 113	4		14	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		312	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		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		212	Hours, Minutes (GMT)
DATA	27	90		3(15,15,15 15,15,15)	Up to 3 Depth, U Component, V Component, Pressure, Conductivity, Salinity fields
Depth	27, 57, 87	5		15	Obs. Level, meters to tenths

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <small>(e.g. Sta. 5700)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>SUBSURFACE DATA RECORD (cont'd)</b>					
E Component	32, 62, 92	3		I5	East vector in cm/sec. to tenths
V Component	37, 67, 97	3		I5	True north vector in cm/sec. to tenths
Pressure	42, 72, 102	3		I5	Kg./cm <sup>2</sup> to hundredths
Conductivity	47, 77, 107	3		I5	Milli-mhos/cm to thousandths
Salinity	52, 82, 112	3		I5	Parts per 1000 to thousandths
BLANKS	117	4		4X	Fill the fixed length record



14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <small>(e.g. bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES</b>					
FILE TYPE	1	3	Bytes	13	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	312	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	212	Hours, minutes (GMT)
FREQUENCY	27	4	Bytes	14	Center frequency of interval in Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	15	Spectral resolution of this frequency band in Hz to ten thousandths
CO-SPECTRA C <sub>11</sub>	36	6	Bytes	Signed Integers 16	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	12	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	16	
EXPONENT	50	2	Bytes	12	
CO-SPECTRA C <sub>33</sub>	52	6	Bytes	16	
EXPONENT	58	2	Bytes	12	
CO-SPECTRA C <sub>12</sub>	60	6	Bytes	16	
EXPONENT	66	2	Bytes	12	
QUAD-SPECTRA Q <sub>12</sub>	68	6	Bytes	16	
EXPONENT	74	2	Bytes	12	
CO-SPECTRA C <sub>13</sub>	76	6	Bytes	16	
EXPONENT	82	2	Bytes	12	
QUAD-SPECTRA Q <sub>13</sub>	84	6	Bytes	16	
EXPONENT	90	2	Bytes	12	
CO-SPECTRA C <sub>23</sub>	92	6	Bytes	16	
EXPONENT	98	2	Bytes	12	
QUAD-SPECTRA Q <sub>23</sub>	100	6	Bytes	16	
EXPONENT	106	2	Bytes	12	
C <sub>22</sub> - C <sub>33</sub>	108	6	Bytes	16	
EXPONENT	114	2	Bytes	12	
BLANKS	116	5	Bytes	5x	

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 0th. byte)	18. LENGTH		17. ATTRIBUTES	16. USE AND MEANING
		NUMBER	UNITS		
<b>ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES</b>					
FILE TYPE	1	3	Bytes	13	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	312	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	212	Hour, minutes (GMT)
FREQUENCY	27	4	Bytes	14	Center frequency of interval Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	15	Spectral resolution of this frequency band in Hz to ten thousandths
ANGULAR FOURIER	36	6	Bytes	signed integers 16	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 <sub>0</sub> , a <sub>1</sub> , b <sub>1</sub> , a <sub>2</sub> , b <sub>2</sub> , a <sub>3</sub> , b <sub>3</sub> , a <sub>4</sub> , b <sub>4</sub>
EXPONENT	42	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	44	6	Bytes	16	
EXPONENT	50	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	52	6	Bytes	16	
EXPONENT	58	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	60	6	Bytes	16	
EXPONENT	66	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	68	6	Bytes	16	
EXPONENT	74	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	76	6	Bytes	16	
EXPONENT	82	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	84	6	Bytes	16	
EXPONENT	90	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	92	6	Bytes	16	
EXPONENT	98	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	100	6	Bytes	16	
EXPONENT	106	2	Bytes	12	
MEAN WAVE DIRECTION	108	3	Bytes	13	Mean wave direction given by arctan b <sub>1</sub> /a <sub>1</sub> 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
C11S (see below)	XXXXX - 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
C11S (see below)	XXXXX - 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
C11S (see below)	XXXXX - 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  $PI$ .  $C11S(M^2/HZ) = (C22+C33)/(K*K)$  in which  $K$ , the propagation constant, is the solution to  $W*W = G*K*TANH(K*D)$ , in which  $W = 2*PI*F$ ,  $G = 9.806 M/(SEC*SEC)$ , and  $D$  is mean water depth in meters.

8500306

TO: E/OC12 - C. Noe  
E/OC11 - P. Hadsell  
FROM: E/OC13 - A. Picciolo FJM  
DATE: October 6, 1987  
SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

-----  
-----  
DATA INVENTORY AND ARCHIVES BRANCH (E/OC11)

C/STDS (F022/D022)

Acc: 8600397 Ref: TT8091 - 8092/329511 - 329522

222 stations 475,000 records (original)

R/V OCEANUS IDGE/ISOS (TT8091)

WIND/WAVE SPECTRA (F191)

Acc: 8500300 Ref: BR3427 - 3508 82 stations  
322,810 records

April 1985 = replacement

cc: Division Director ←

#292/9-22-87



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
National Data Buoy Center  
NSTL, Mississippi 39529

September 3, 1987

F1804-02  
DB3:87-0441  
SPN:njm

Ms. I. E. Green  
Data Acquisition and Management Branch  
National Oceanographic Data Center  
1825 Connecticut Avenue, NW  
Washington, DC 20235

Dear Ms. Green:

Enclosed is a rerun of the April 1985 archive data. This rerun corrects all known problems. Please replace the data currently in your files with these data, and previously received tapes.

If you have any questions, please contact B. G. Redmon at FTS 494-2834.

Sincerely,

*Sallie P. Nolan*

Sallie P. Nolan  
ADP Manager

Enclosure



Tape 1

41001 04018500-04168500 04248521-04308523  
41002 04018500-04308523  
41006 04018500-04308523  
42001 04018500-04308523  
42002 04018500-04308523  
42003 04018500-04308523  
42007 04018500-04308523  
44004 04018500-04308523  
44005 04018500-04308523  
44007 04018500-04308523  
44008 04018500-04308523  
44009 04018500-04308523  
44011 04018500-04308523  
44012 04018500-04308523  
44013 04018500-04308523  
45002 04078521-04308523  
45003 04038515-04308523  
45005 04168522-04308523  
45007 04048521-04308523  
45008 04048501-04308523

Tape 2

46001 04018500-04308523  
46002 04018500-04308523  
46003 04018500-04308523  
46004 04018500-04308523  
46005 04018500-04118515 04268512-04278505  
46006 04018500-04308523  
46010 04018500-04308523  
46011 04018500-04308523  
46012 04018500-04308523  
46013 04018500-04308523  
46014 04018500-04308523  
46016 04018500-04308523  
46017 04018500-04308523  
46022 04018500-04308523  
46023 04018500-04308523  
46024 04018500-04308523  
46025 04018500-04308523  
46026 04018500-04308523  
46027 04048521-04308523  
46029 04018500-04128519  
46030 04018500-04308523  
46031 04018500-04308523  
46032 04018500-04308523  
46033 04018500-04308523  
46034 04018500-04308523  
51001 04018500-04308523  
51002 04018500-04308523  
51003 04018500-04308523  
51004 04018500-04308523

Tape 3

ALRF1 04018500-04308523  
ALSN6 04018500-04308523  
BURL1 04018500-04308523  
CARO3 04018500-04308523  
CHLV2 04018500-04308523  
CLKN7 04018500-04308523  
CSBF1 04018500-04308523  
DBLN6 04018500-04308523  
DESW1 04018500-04308523  
DISW3 04018500-04308523  
DSLN7 04018500-04308523  
FBIS1 04018500-04308523  
FFIA2 04018500-04308523  
FPSN7 04018500-04308523  
GDIL1 04018500-04308523  
GLLN6 04018500-04308523  
IOSN3 04018500-04308523  
LKWF1 04018500-04308523  
MDRM1 04018500-04308523  
MISM1 04018500-04308523  
NWPO3 04018500-04308523  
PTAC1 04018500-04308523  
PTAT2 04018500-04308523  
PTGC1 04018500-04308523  
ROAM4 04108500-04148520  
SBI01 04018500-04308523  
SGNW3 04018500-04308523  
SISW1 04018500-04308523  
SJLF1 04018500-04308523  
SRST2 04018500-04308523  
STDMA 04018500-04308523  
TTIW1 04018500-04308523  
WPOW1 04018500-04308523

ACCESSION NO. 8500300

FILETYPE 191

TRACK NO. BR3427-3446

PROJECT IDENTIFICATION 706A

D3427P

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	10-01-87	<i>(initials)</i>	A00127	1	120	4080	
DUPLICATE TAPE	10-01-87	<i>(initials)</i>	W02031*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK	10/19/87	<i>CPA</i>	BR3427, BR3447, BR3446	3	120		<del>397, 402</del> <i>107, 906</i>
FINAL MULCHEK							
F0D75 OR F022							
DATA SET FINALIZED	10/21/87	<i>CPA</i>	L25625	3	120		<del>397, 402</del> <i>107, 906</i>

\* Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

*none*

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

*none*

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)



ACCESSION NO. 8500300

FILETYPE 191

TRACK NO. BR3447-3475

PROJECT IDENTIFICATION T06A

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	10-01-87		A00128	1	120	4080	
DUPLICATE TAPE	10-01-87		W01652*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK	10/19/87	epd	BR3447.	1	120		209636
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED	10/21/87	epd	BR3447. L25625	1	120		209636

\* Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

h one

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

h one

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8500306

FILETYPE 191

TRACK NO. BR3476-3508

PROJECT IDENTIFICATION T069

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	10-01-87	(D)	A00129	1	120	4080	
DUPLICATE TAPE	10-01-87	(D)	WD 6372*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK	10/27/87	CAF	BR 3476.	1	120		50,280
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED	10/27/87	CAF	<del>BR 3476</del> MPD75 BR 3476/	1	120		50,280

\* Tape is on label 191

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:  
None

L 25851

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)  
None

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

*Car*

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

INPUT/DISKETTE INFORMATION

UNIT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	
	<i>A20127</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NE</i>	<i>FB</i>	<i>170</i>	<i>4080</i>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <b>(ASCII)</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------------

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PR. DISKETTES-USED, CARDS PUNCHED, CARDS KEYVERI
<i>4/24/87</i>	<i>08:00</i>	<i>08:10</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

*F191  
 April 85  
 173*

*Scan*

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

**DISKETTE INFORMATION**

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F		
SECTOR SIZE						EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME	
<i>A00128</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4080</i>	<i>1</i>		
SECTOR SIZE						EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME	
SECTOR SIZE						EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME	

GENERAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------

**USE ONLY**

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRI DISKETTES-USED, CARDS PUNCHED, CARDS KEYVERIF
<i>09/24/87</i>	<i>08:15</i>	<i>08:30</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

*F191  
 April 85  
 2073*

*Plan*

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

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	
SECTOR SIZE		EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME			
129		9	1600	odd	NFL	FBI	120	4080	
SECTOR SIZE		EXCHANGE TYPE		CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME			
SECTOR SIZE		EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME			

ESTIMATED EXECUTION TIME	
--------------------------	--

USE ONLY					
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PR DISKETTES USED, CARDS PUNCHED, CARDS KEYVERI	
4/24/87	08:25	08:30	C	COMPLETED BY J.S.	

F191  
 April 85  
 303

INSTRUMENT TO BE USED AND FUNCTION TO BE PERFORMED

Copy to 'W' tape and scan output

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

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE
SECTOR SIZE    EXCHANGE TYPE    CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)						DATA SET NAME		
ACU 27		9	1600	odd	NL	FR	120	400
SECTOR SIZE    EXCHANGE TYPE    CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)						DATA SET NAME		
WD 2431								
SECTOR SIZE    EXCHANGE TYPE    CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)						DATA SET NAME		

SPECIAL INSTRUCTIONS

Procedure BRBUOY 17

ESTIMATED EXECUTION TIME

Mitch 3429 Data

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PR DISKETTES-USED, CARDS PUNCHED, CARDS KEYVERI
9/28/87	10:40	12:00	C	COMPLETED BY J.S.

April 85  
1073

ITEM TO BE USED AND FUNCTION TO BE PERFORMED

Copy to 1/1 tape and scan output

INPUT MEDIUM TAPER CARD DISK <b>(TAPE)</b> SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <b>(PRINT)</b> <b>(TAPE)</b> PLOT DISKETTE OTHER(SPECIFY)
--	---

E/DISKETTE INFORMATION									
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	
Acc 128		9	1600	odd	NL	FB	120	4080	
SECTOR SIZE	EXCHANGE TYPE	CODE: <b>(ASCII)</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	
WJ 1652		9	1600	odd	NL	FB	120	4080	
SECTOR SIZE	EXCHANGE TYPE	CODE: <b>(ASCII)</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			

ADDITIONAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
Procedure: B.R. BU 07-18 Mach 3449.Dat	

USE ONLY					
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PER DISKETTES USED, CARDS PUNCHED, CARDS KEYVERI	
09/29/87	7:54	10:44	C	COMPLETED BY J.S.	

send to Asheville

April 85  
2083

ADP FACILITIES REQUEST FORM

USER NAME <i>Green, Irish</i>	PHONE # <i>673-5643</i>	ORG/TASK # <i>EE13008N3AH9</i>	DATE SUBMITTED <i>10-16-87</i>	DATE DUE	BIN # <i>27</i>
----------------------------------	----------------------------	-----------------------------------	-----------------------------------	----------	--------------------

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*Copy to 'W' tape and scan output*

*Library # D02254*

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> 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	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
	<i>A00129</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4080</i>	<i>1</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: _____ <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME			PURGE DATE	
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>W</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4080</i>	<i>1</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: _____ <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME			PURGE DATE	

SPECIAL INSTRUCTIONS

*Procedure BRBU04 19*

ESTIMATED  
EXECUTION  
TIME

*Mitch 3476 Dat*

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
	<i>11/1/87</i>	<i>10:10</i>	<i>11:00</i>	<i>C</i>	<i>Completed by FL</i>

COMMENTS

*Send to Asheville*

*April 85  
3083*



Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8500300	F291	BR3437	9999	313B	317F	1985/04/01	44008	157366
8500300	F291	BR3438	9999	313B	317F	1985/04/01	44009	157367
8500300	F291	BR3439	9999	313B	317F	1985/04/01	44011	157368
8500300	F291	BR3440	9999	313B	317F	1985/04/01	44012	157369
8500300	F291	BR3441	9999	313B	317F	1985/04/01	44013	157370
8500300	F291	BR3442	9999	313B	317F	1985/04/07	45002	157371
8500300	F291	BR3443	9999	313B	317F	1985/04/03	45003	157372
8500300	F291	BR3444	9999	313B	317F	1985/04/16	45005	157373
8500300	F291	BR3445	9999	313B	317F	1985/04/04	45007	157374
8500300	F291	BR3446	9999	313B	317F	1985/04/04	45008	157375
8500300	F291	BR3476	9999	313B	317F	1985/04/01	ALRF1	157376
8500300	F291	BR3477	9999	313B	317F	1985/04/01	ALSN6	157377
8500300	F291	BR3478	9999	313B	317F	1985/04/01	BURL1	157378
8500300	F291	BR3479	9999	313B	317F	1985/04/01	CARO3	157379
8500300	F291	BR3480	9999	313B	317F	1985/04/01	CHLV2	157380
8500300	F291	BR3481	9999	313B	317F	1985/04/01	CLKN7	157381
8500300	F291	BR3482	9999	313B	317F	1985/04/01	CSBF1	157382
8500300	F291	BR3483	9999	313B	317F	1985/04/01	DBLN6	157383
8500300	F291	BR3484	9999	313B	317F	1985/04/01	DESW1	157384
8500300	F291	BR3485	9999	313B	317F	1985/04/01	DISW3	157385
8500300	F291	BR3486	9999	313B	317F	1985/04/01	DSL7	157386
8500300	F291	BR3487	9999	313B	317F	1985/04/01	FBIS1	157387
8500300	F291	BR3488	9999	313B	317F	1985/04/01	FFIA2	157388
8500300	F291	BR3489	9999	313B	317F	1985/04/01	FPSN7	157389
8500300	F291	BR3490	9999	313B	317F	1985/04/01	GDIL1	157390
8500300	F291	BR3491	9999	313B	317F	1985/04/01	GLLN6	157391
8500300	F291	BR3492	9999	313B	317F	1985/04/01	IOSN3	157392
8500300	F291	BR3493	9999	313B	317F	1985/04/01	LKWF1	157393
8500300	F291	BR3494	9999	313B	317F	1985/04/01	MDRM1	157394
8500300	F291	BR3495	9999	313B	317F	1985/04/01	MISM1	157395
8500300	F291	BR3496	9999	313B	317F	1985/04/01	NWPO3	157396
8500300	F291	BR3497	9999	313B	317F	1985/04/01	PTAC1	157397
8500300	F291	BR3498	9999	313B	317F	1985/04/01	PTAT2	157398
8500300	F291	BR3499	9999	313B	317F	1985/04/01	PTGC1	157399
8500300	F291	BR3500	9999	313B	317F	1985/04/10	ROAM4	157400
8500300	F291	BR3501	9999	313B	317F	1985/04/01	S BIO1	157401
8500300	F291	BR3502	9999	313B	317F	1985/04/01	SGNW3	157402
8500300	F291	BR3503	9999	313B	317F	1985/04/01	SISW1	157403
8500300	F291	BR3504	9999	313B	317F	1985/04/01	SJLF1	157404
8500300	F291	BR3505	9999	313B	317F	1985/04/01	SRST2	157405
8500300	F291	BR3506	9999	313B	317F	1985/04/01	STDMA	157406
8500300	F291	BR3507	9999	313B	317F	1985/04/01	TTIW1	157407
8500300	F291	BR3508	9999	313B	317F	1985/04/01	WPOW1	157408
8500300	F291	BR3447	9999	313B	317F	1985/04/01	46001	157409
8500300	F291	BR3448	9999	313B	317F	1985/04/01	46002	157410
8500300	F291	BR3449	9999	313B	317F	1985/04/01	46003	157411
8500300	F291	BR3450	9999	313B	317F	1985/04/01	46004	157412
8500300	F291	BR3451	9999	313B	317F	1985/04/01	46005	157413
8500300	F291	BR3452	9999	313B	317F	1985/04/01	46006	157414
8500300	F291	BR3453	9999	313B	317F	1985/04/01	46010	157415
8500300	F291	BR3454	9999	313B	317F	1985/04/01	46011	157416
8500300	F291	BR3455	9999	313B	317F	1985/04/01	46012	157417
8500300	F291	BR3456	9999	313B	317F	1985/04/01	46013	157418
8500300	F291	BR3457	9999	313B	317F	1985/04/01	46014	157419
8500300	F291	BR3458	9999	313B	317F	1985/04/01	46016	157420
8500300	F291	BR3459	9999	313B	317F	1985/04/01	46017	157421
8500300	F291	BR3460	9999	313B	317F	1985/04/01	46022	157422

-8500300	F291	BR3461	9999	313B	317F	1985/04/01	46023	157423
8500300	F291	BR3462	9999	313B	317F	1985/04/01	46024	157424
8500300	F291	BR3463	9999	313B	317F	1985/04/01	46025	157425
8500300	F291	BR3464	9999	313B	317F	1985/04/01	46026	157426
8500300	F291	BR3465	9999	313B	317F	1985/04/04	46027	157427
8500300	F291	BR3466	9999	313B	317F	1985/04/01	46029	157428
8500300	F291	BR3467	9999	313B	317F	1985/04/01	46030	157429
8500300	F291	BR3468	9999	313B	317F	1985/04/01	46031	157430
8500300	F291	BR3469	9999	313B	317F	1985/04/01	46032	157431
8500300	F291	BR3470	9999	313B	317F	1985/04/01	46033	157432
8500300	F291	BR3471	9999	313B	317F	1985/04/01	46034	157433
8500300	F291	BR3472	9999	313B	317F	1985/04/01	51001	157434
8500300	F291	BR3473	9999	313B	317F	1985/04/01	51002	157435
8500300	F291	BR3474	9999	313B	317F	1985/04/01	51003	157436
8500300	F291	BR3475	9999	313B	317F	1985/04/01	51004	157437
8500300	F291	BR3427	9999	313B	317F	1985/04/01	41001	157356
8500300	F291	BR3428	9999	313B	317F	1985/04/01	41002	157357
8500300	F291	BR3429	9999	313B	317F	1985/04/01	41006	157358
8500300	F291	BR3430	9999	313B	317F	1985/04/01	42001	157359
8500300	F291	BR3431	9999	313B	317F	1985/04/01	42002	157360
8500300	F291	BR3432	9999	313B	317F	1985/04/01	42003	157361
8500300	F291	BR3433	9999	313B	317F	1985/04/01	42007	157362
8500300	F291	BR3434	9999	313B	317F	1985/04/01	44004	157363
8500300	F291	BR3435	9999	313B	317F	1985/04/01	44005	157364
8500300	F291	BR3436	9999	313B	317F	1985/04/01	44007	157365

(82 rows affected)

Password:

accNo	flea	refNo	ship	staCnt	recCnt	startDate	endDate
8500300	F291	BR3437	317F	1	6210	85/04/01	85/04/01
8500300	F291	BR3438	317F	1	1400	85/04/01	85/04/01
8500300	F291	BR3439	317F	1	8544	85/04/01	85/04/01
8500300	F291	BR3440	317F	1	1406	85/04/01	85/04/01
8500300	F291	BR3441	317F	1	1408	85/04/01	85/04/01
8500300	F291	BR3442	317F	1	1080	85/04/07	85/04/07
8500300	F291	BR3443	317F	1	7616	85/04/03	85/04/03
8500300	F291	BR3444	317F	1	4004	85/04/16	85/04/16
8500300	F291	BR3445	317F	1	6038	85/04/04	85/04/04
8500300	F291	BR3446	317F	1	6206	85/04/04	85/04/04
8500300	F291	BR3476	317F	1	1432	85/04/01	85/04/01
8500300	F291	BR3477	317F	1	1436	85/04/01	85/04/01
8500300	F291	BR3478	317F	1	1432	85/04/01	85/04/01
8500300	F291	BR3479	317F	1	1432	85/04/01	85/04/01
8500300	F291	BR3480	317F	1	7074	85/04/01	85/04/01
8500300	F291	BR3481	317F	1	1268	85/04/01	85/04/01
8500300	F291	BR3482	317F	1	1326	85/04/01	85/04/01
8500300	F291	BR3483	317F	1	1384	85/04/01	85/04/01
8500300	F291	BR3484	317F	1	1430	85/04/01	85/04/01
8500300	F291	BR3485	317F	1	1438	85/04/01	85/04/01
8500300	F291	BR3486	317F	1	1436	85/04/01	85/04/01
8500300	F291	BR3487	317F	1	1434	85/04/01	85/04/01
8500300	F291	BR3488	317F	1	1436	85/04/01	85/04/01
8500300	F291	BR3489	317F	1	1438	85/04/01	85/04/01
8500300	F291	BR3490	317F	1	1430	85/04/01	85/04/01
8500300	F291	BR3491	317F	1	1438	85/04/01	85/04/01
8500300	F291	BR3492	317F	1	1434	85/04/01	85/04/01
8500300	F291	BR3493	317F	1	1370	85/04/01	85/04/01
8500300	F291	BR3494	317F	1	1428	85/04/01	85/04/01
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8500300	F291	BR3496	317F	1	1430	85/04/01	85/04/01
8500300	F291	BR3497	317F	1	1428	85/04/01	85/04/01
8500300	F291	BR3498	317F	1	942	85/04/01	85/04/01
8500300	F291	BR3499	317F	1	1388	85/04/01	85/04/01
8500300	F291	BR3500	317F	1	212	85/04/10	85/04/10
8500300	F291	BR3501	317F	1	1436	85/04/01	85/04/01
8500300	F291	BR3502	317F	1	1432	85/04/01	85/04/01
8500300	F291	BR3503	317F	1	1424	85/04/01	85/04/01
8500300	F291	BR3504	317F	1	1432	85/04/01	85/04/01
8500300	F291	BR3505	317F	1	1430	85/04/01	85/04/01
8500300	F291	BR3506	317F	1	1412	85/04/01	85/04/01
8500300	F291	BR3507	317F	1	1430	85/04/01	85/04/01
8500300	F291	BR3508	317F	1	1460	85/04/01	85/04/01
8500300	F291	BR3447	317F	1	8510	85/04/01	85/04/01
8500300	F291	BR3448	317F	1	8616	85/04/01	85/04/01
8500300	F291	BR3449	317F	1	8584	85/04/01	85/04/01
8500300	F291	BR3450	317F	1	8604	85/04/01	85/04/01
8500300	F291	BR3451	317F	1	550	85/04/01	85/04/01
8500300	F291	BR3452	317F	1	7172	85/04/01	85/04/01
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8500300	F291	BR3456	317F	1	8424	85/04/01	85/04/01
8500300	F291	BR3457	317F	1	7138	85/04/01	85/04/01
8500300	F291	BR3458	317F	1	480	85/04/01	85/04/01
8500300	F291	BR3459	317F	1	492	85/04/01	85/04/01

8500300	F291	BR3460	317F	1	7140	85/04/01	85/04/01
8500300	F291	BR3461	317F	1	7104	85/04/01	85/04/01
8500300	F291	BR3462	317F	1	48083	85/04/01	85/04/01
8500300	F291	BR3463	317F	1	8528	85/04/01	85/04/01
8500300	F291	BR3464	317F	1	7102	85/04/01	85/04/01
8500300	F291	BR3465	317F	1	6230	85/04/04	85/04/04
8500300	F291	BR3466	317F	1	2986	85/04/01	85/04/01
8500300	F291	BR3467	317F	1	1428	85/04/01	85/04/01
8500300	F291	BR3468	317F	1	496	85/04/01	85/04/01
8500300	F291	BR3469	317F	1	472	85/04/01	85/04/01
8500300	F291	BR3470	317F	1	482	85/04/01	85/04/01
8500300	F291	BR3471	317F	1	474	85/04/01	85/04/01
8500300	F291	BR3472	317F	1	8596	85/04/01	85/04/01
8500300	F291	BR3473	317F	1	8606	85/04/01	85/04/01
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8500300	F291	BR3427	317F	1	6040	85/04/01	85/04/01
8500300	F291	BR3428	317F	1	8398	85/04/01	85/04/01
8500300	F291	BR3429	317F	1	8584	85/04/01	85/04/01
8500300	F291	BR3430	317F	1	7166	85/04/01	85/04/01
8500300	F291	BR3431	317F	1	7142	85/04/01	85/04/01
8500300	F291	BR3432	317F	1	7170	85/04/01	85/04/01
8500300	F291	BR3433	317F	1	6954	85/04/01	85/04/01
8500300	F291	BR3434	317F	1	6924	85/04/01	85/04/01
8500300	F291	BR3435	317F	1	8578	85/04/01	85/04/01
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