Reference #	BR3180-3219	ACCESSION NUMBER	8600039

FM1

DATA DOCUMENTATION FORM

March 1985

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

(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

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.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
—	BUOY	BUOY	USA	03/01/85	03/31/85

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

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

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)*

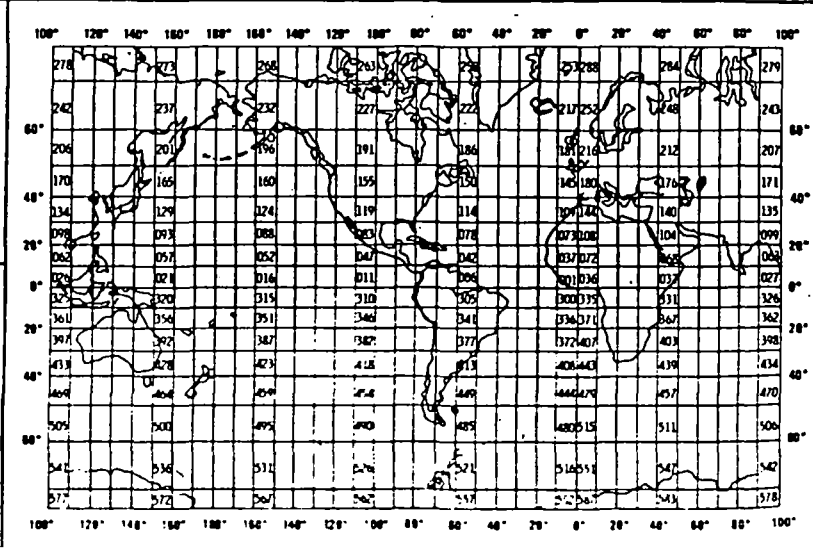
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER *(AND ADDRESS IF OTHER THAN IN ITEM-1)*

Sallie P. NOLAN

FTS-494-1721

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

GENERAL AREA



Reference #	BR3220-3255	ACCESSION NUMBER	8600039

FT91

DATA DOCUMENTATION FORM

March 1985

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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A. ORIGINATOR IDENTIFICATION

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		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
—	BUOY	BUOY	USA	03/01/85	03/31/85

8. ARE DATA PROPRIETARY?

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

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

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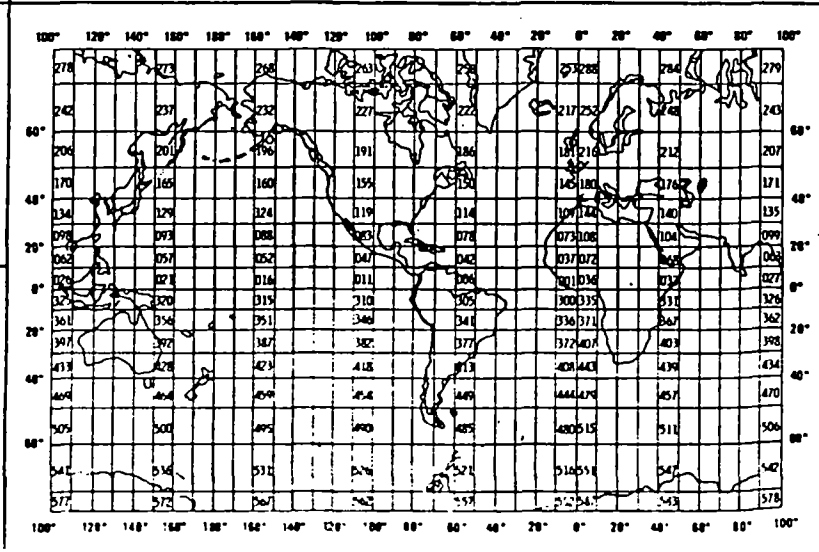
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER *(AND ADDRESS IF OTHER THAN IN ITEM-1)*

Sallie P. NOLAN

FTS-494-1721

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

GENERAL AREA



C. DATA FORMAT

#260/8-24-87

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

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ CONOL
☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER _____
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☒ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)

12. PHYSICAL BLOCK LENGTH IN BYTES
4080

13. LENGTH OF BYTES IN BITS
8

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. bits, bytes)	16. LENGTH NUMBER	UNITS	17. ATTRIBUTES	18. USE AND MEANING
DESCRIPTIVE HEADER RECORD					
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					RECORD LENGTH IS 120
ENVIRONMENTAL DATA RECORD					
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

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RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM 1 MEASURED IN (e.g. bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
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 bundredths 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
WAVE SPECTRA DATA RECORD					
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 NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. bits, bytes)	16. LENGTH NUMBER	LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
WAVE SPECTRA DATA RECORD (cont'd)					
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^2/Hz to thousandths
BLANKS	105	16		16X	Fill the fixed length record
SUBSURFACE TEMPERATURE DATA RECORD					
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
SUBSURFACE DATA RECORD					
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 NAME File Type "191"

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g. bits, bytes)	16. LENGTH NUMBER	UNITS	17. ATTRIBUTES	18. USE AND MEANING
SUBSURFACE DATA RECORD (cont'd)				—	
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^2 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

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RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g. bits, bytes)	16. LENGTH NUMBER	UNITS	17. ATTRIBUTES	18. USE AND MEANING
CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES —					
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_{11}	36	6	Bytes	Signed Integers I6	Up to 9 uncorrected values of Co and Quad spectra in meters squared/Hz. The order these spectra are presented is: C_{11}, C_{22}, C_{33}, C_{12}, Q_{12}, C_{13}, Q_{13}, C_{23}, and Q_{23}
EXPONENT	42	2	Bytes	I2	Where subscripts are defined
CO-SPECTRA C_{22}	44	6	Bytes	I6	as follows:
EXPONENT	50	2	Bytes	I2	1. Heave
CO-SPECTRA C_{33}	52	6	Bytes	I6	2. E-W Slope
EXPONENT	58	2	Bytes	I2	3. N-S Slope
CO-SPECTRA C_{12}	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	If the exponent is less than -9
QUAD-SPECTRA Q_{12}	68	6	Bytes	I6	the exponent and its associated
EXPONENT	74	2	Bytes	I2	spectra should be zero
CO-SPECTRA C_{13}	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
QUAD-SPECTRA Q_{13}	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
CO-SPECTRA C_{23}	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
QUAD-SPECTRA Q_{23}	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
$C_{22} - C_{33}$	108	6	Bytes	I6	
EXPONENT	114	2	Bytes	I2	
BLANKS	116	5	Bytes	5x	

NOAA FORM 24-13

USCOMM-DC 44281-P77

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. bits, bytes)	16. LENGTH NUMBER	UNITS	17. ATTRIBUTES	18. USE AND MEANING
ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES					
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 corrected values of the angular fourier coefficients in meters^2/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
DIRECTIONAL WAVE PARAMETER		
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)	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
C11S (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
C11S (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. C11S(M*M/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.

Allen, Alan | | 8-24-87 | | 1

MENT TO BE USED AND FUNCTION TO BE PERFORMED

DCan

T 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	# F
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PL DA
T	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
	A00152		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ~~ASCII~~ EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PU DA
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
IT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PU DA

AL 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 KEYVERIFI
8/08/25	08/25/87	10:55	11:00	C	COMPLETED BY J.S

NTS

March 85
1 of 2

Application | SUBMITTED 8-24-87 | 9.7

IPMENT TO BE USED AND FUNCTION TO BE PERFORMED

Scan

JT MEDIUM
APER CARD DISK (TAPE)
SKETTE 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	# F
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			P D
T	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F
	A00153		9	1600	odd	NL	FB	120	4080	
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			P D
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F
JT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			P D

IAL 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
08/25/87	11:05	11:10	C	COMPLETED BY J.S.

March 85
2082

Brian Leech | | | SUBMITTED 8-25-87 | | 5

IPMENT TO BE USED AND FUNCTION TO BE PREFORMED

Copy to 3480 tape and Scan output

IT 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	# F
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			P D
T	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F
	A10152		9	1600	odd	NL	FB	120	4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			P D
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F
	W13829		9	1600	odd	NL	FB	120	4080	1
IT	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			P D

AL INSTRUCTIONS

Procedure: BRB104.10

ESTIMATED EXECUTION TIME

Mitch 3180 Dept

USE ONLY

	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRI DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIF
87 08 25 07	08/26/87	08:44	11:54	C	COMPLETED BY J.S.

ITS

March 85
102

		SUBMITTED 8-26-87	

IPMENT TO BE USED AND FUNCTION TO BE PREFORMED

copy to 'W' tape and print output

IT MEDIUM	OUTPUT MEDIUM
PER CARD DISK (TAPE) KETTE OTHER(SPECIFY)	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	# F
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			P D
T	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F
	A00153		9	1600	odd	NL	FB	120	4080	
	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PI DA
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI
	W13430		9	1600	odd	NL	FB	120	4080	
IT	SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PU DA

AL INSTRUCTIONS

Procedure BFBU04 12

ESTIMATED EXECUTION TIME

Mitch 3220 DAT

USE ONLY

	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRI DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIF
	08/27/87	1055	1150	C	COMPLETED BY J.S.

ITS

870826 10

March 85

2072

ACCESSION NO. 8600039 FILETYPE F191 TRACK NO. BR3180-~~325~~ 19 PROJECT IDENTIFICATION TOGA

BR3180-BR3219 265,582 records

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	8/27/87	[signature]	A00152	1	120	4080	
DUPLICATE TAPE	8/27/87	[signature]	W13829*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

*Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

D3180P

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8600039 FILETYPE F191 TRACK NO. BR320-3255 BR3220- PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	8/27/87	JS	A00153	1	120	4080	
DUPLICATE TAPE	8/27/87	JS	W13450*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

*Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

BR3220.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

#260/8-24-87

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

August 4, 1987

F360
DB3:87-0384
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 March 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 call B. G. Redmon at FTS 494-2834.

Sincerely,

Sallie P. Nolan

Sallie P. Nolan
ADP Manager

Enclosures

	41001	03288520-03318523
Tape 1	41002	03018500-03318523
	41006	03018500-03318523
	42001	03018500-03318523
	42002	03018500-03318523
	42003	03018500-03318523
	42007	03018500-03318523
	44004	03018500-03318523
	44005	03018500-03318523
	44007	03018500-03318523
	44008	03018500-03318523
	44009	03018500-03318523
	44011	03018500-03318523
	44012	03018500-03318523
	44013	03018500-03318523
	46001	03018500-03318523
	46002	03018500-03318523
	46003	03018500-03318523
	46004	03018500-03318523
	46005	03018500-03318523
	46006	03018500-03318523
	46010	03018500-03318523
	46011	03018500-03318523
	46012	03018500-03318523
	46013	03018500-03318523
	46014	03018500-03318523
	46016	03018500-03318523
	46017	03018500-03318523
	46018	03018501-03158519
	46022	03018500-03318523
	46023	03018500-03318523
	46024	03018500-03318523
	46025	03018500-03318523
	46026	03018500-03318523
	46029	03018500-03318523
	46030	03018500-03318523
	46031	03018500-03318523
	46032	03018500-03318523
	46033	03018500-03318523
	46034	03018500-03318523
Tape 2	51001	03018500-03318523
	51002	03018500-03318523
	51003	03018500-03318523
	51004	03018500-03318523
	ALRF1	03018500-03318523
	ALSN6	03018500-03318523
	BURL1	03018500-03318523

CARO3	03018500-03318523
CHLV2	03018500-03318523
CLKN7	03018500-03318523
CSBF1	03018500-03318523
DBLN6	03018500-03318523
DESW1	03018500-03318523
DISW3	03018500-03318523
DSLN7	03018500-03318523
FBIS1	03018500-03318523
FFIA2	03018500-03318523
FPSN7	03018500-03318523
GDIL1	03018500-03318523
GLLN6	03018500-03318523
IOSN3	03018500-03318523
LKWF1	03018500-03318523
MDRM1	03018500-03318523
MISM1	03018500-03318523
NWPO3	03018500-03318523
PTAC1	03018500-03318523
PTAT2	03018500-03318523
PTGC1	03018500-03318523
SBIO1	03018500-03318523
SGNW3	03018500-03318523
SISW1	03018500-03318523
SJLF1	03018500-03318523
SRST2	03018500-03318523
STDM4	03018500-03318523
TTIW1	03018500-03318523
WPOW1	03018500-03318523

8700039

TO: E/OC12 - C. Noe

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo FJM

DATE: September 29, 1987

SUBJECT: Data Transfer

353,302
-265,582
87,720
353,302

The following listed data sets have been transferred as indicated:

DATA INVENTORY AND ARCHIVES BRANCH (E/OC11)

BR3180 - BR3219 265,582 records
BR3220 - BR3255 87,720 "

WIND/WAVE SPECTRA (F191)

Acc: 8700039 Ref: BR3180 - 3255 76 stations 353,260 records

MARCH 1985 - replacement

Acc: 8700279 Ref: BR5977 - 6070 94 stations 424,320 records

JULY 1987

DRIFTING BUOYS (F156)

Acc: 8700276 Ref: TT9981 - 99; TV0001 - 0045 64 stations
13,056 records

JULY 1987 - TOGA

[redacted]

cc: Division Director

TO: E/OC12 - C. Noe

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo FJM

DATE: September 29, 1987

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13,056 records

JULY 1987 - TOGA

[redacted]

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cc: Division Director

ESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600039	BR3180	F191		313B	317F	41001	03/28/85	03/31/85	1	912
8600039	BR3181	F191		313B	317F	41002	03/01/85	03/31/85	1	8,862
8600039	BR3182	F191		313B	317F	41006	03/01/85	03/31/85	1	8,854
8600039	BR3183	F191		313B	317F	42001	03/01/85	03/31/85	1	7,388
8600039	BR3184	F191		313B	317F	42002	03/01/85	03/31/85	1	7,354
8600039	BR3185	F191		313B	317F	42003	03/01/85	03/31/85	1	7,386
8600039	BR3186	F191		313B	317F	42007	03/01/85	03/31/85	1	7,248
8600039	BR3187	F191		313B	317F	44004	03/01/85	03/31/85	1	7,154
8600039	BR3188	F191		313B	317F	44005	03/01/85	03/31/85	1	8,852
8600039	BR3189	F191		313B	317F	44007	03/01/85	03/31/85	1	6,356
8600039	BR3190	F191		313B	317F	44008	03/01/85	03/31/85	1	6,548
8600039	BR3191	F191		313B	317F	44009	03/01/85	03/31/85	1	1,454
8600039	BR3192	F191		313B	317F	44011	03/01/85	03/31/85	1	8,842
8600039	BR3193	F191		313B	317F	44012	03/01/85	03/31/85	1	1,468
8600039	BR3194	F191		313B	317F	44013	03/01/85	03/31/85	1	1,482
8600039	BR3195	F191		313B	317F	46001	03/01/85	03/31/85	1	8,852
8600039	BR3196	F191		313B	317F	46002	03/01/85	03/31/85	1	8,690
8600039	BR3197	F191		313B	317F	46003	03/01/85	03/31/85	1	8,850
8600039	BR3198	F191		313B	317F	46004	03/01/85	03/31/85	1	8,852
8600039	BR3199	F191		313B	317F	46005	03/01/85	03/31/85	1	1,476
8600039	BR3200	F191		313B	317F	46006	03/01/85	03/31/85	1	7,414
8600039	BR3201	F191		313B	317F	46010	03/01/85	03/31/85	1	6,806
8600039	BR3202	F191		313B	317F	46011	03/01/85	03/31/85	1	7,404
8600039	BR3203	F191		313B	317F	46012	03/01/85	03/31/85	1	7,358
8600039	BR3204	F191		313B	317F	46013	03/01/85	03/31/85	1	8,572
8600039	BR3205	F191		313B	317F	46014	03/01/85	03/31/85	1	7,324
8600039	BR3206	F191		313B	317F	46016	03/01/85	03/31/85	1	490
8600039	BR3207	F191		313B	317F	46017	03/01/85	03/31/85	1	494
8600039	BR3208	F191		313B	317F	46018	03/01/85	03/15/85	1	226
8600039	BR3209	F191		313B	317F	46022	03/01/85	03/31/85	1	7,336
8600039	BR3210	F191		313B	317F	46023	03/01/85	03/31/85	1	7,346
8600039	BR3211	F191		313B	317F	46024	03/01/85	03/31/85	1	49,539
8600039	BR3212	F191		313B	317F	46025	03/01/85	03/31/85	1	8,826
8600039	BR3213	F191		313B	317F	46026	03/01/85	03/31/85	1	7,332
8600039	BR3214	F191		313B	317F	46029	03/01/85	03/31/85	1	8,840
8600039	BR3215	F191		313B	317F	46030	03/01/85	03/31/85	1	1,474
8600039	BR3216	F191		313B	317F	46031	03/01/85	03/31/85	1	492
8600039	BR3217	F191		313B	317F	46032	03/01/85	03/31/85	1	436
8600039	BR3218	F191		313B	317F	46033	03/01/85	03/31/85	1	484
8600039	BR3219	F191		313B	317F	46034	03/01/85	03/31/85	1	509
8600039	BR3220	F191		313B	317F	51001	03/01/85	03/31/85	1	8,862
8600039	BR3221	F191		313B	317F	51002	03/01/85	03/31/85	1	8,884
8600039	BR3222	F191		313B	317F	51003	03/01/85	03/31/85	1	8,874
8600039	BR3223	F191		313B	317F	51004	03/01/85	03/31/85	1	8,842
8600039	BR3224	F191		313B	317F	ALRF1	03/01/85	03/31/85	1	1,476
8600039	BR3225	F191		313B	317F	ALSN6	03/01/85	03/31/85	1	1,478
8600039	BR3226	F191		313B	317F	BURL1	03/01/85	03/31/85	1	1,476
8600039	BR3227	F191		313B	317F	CARD3	03/01/85	03/31/85	1	1,476
8600039	BR3228	F191		313B	317F	CHLV2	03/01/85	03/31/85	1	7,140
8600039	BR3229	F191		313B	317F	CLKN7	03/01/85	03/31/85	1	1,476
8600039	BR3230	F191		313B	317F	CSBF1	03/01/85	03/31/85	1	1,468

8600039	BR3231	F191	313B	317F	DBLN6	03/03/85	03/31/85	1	1,040
8600039	BR3232	F191	313B	317F	DESW1	03/01/85	03/31/85	1	1,474
8600039	BR3233	F191	313B	317F	DISW3	03/01/85	03/31/85	1	1,480
8600039	BR3234	F191	313B	317F	DSLN7	03/01/85	03/31/85	1	1,474
8600039	BR3235	F191	313B	317F	FBIS1	03/01/85	03/31/85	1	1,480
8600039	BR3236	F191	313B	317F	FFIA2	03/01/85	03/31/85	1	1,468
8600039	BR3237	F191	313B	317F	FPSN7	03/01/85	03/31/85	1	1,476
8600039	BR3238	F191	313B	317F	GDIL1	03/01/85	03/31/85	1	1,470
8600039	BR3239	F191	313B	317F	GLLN6	03/01/85	03/31/85	1	1,468
8600039	BR3240	F191	313B	317F	IOSN3	03/01/85	03/31/85	1	1,480
8600039	BR3241	F191	313B	317F	LKWF1	03/01/85	03/31/85	1	1,478
8600039	BR3242	F191	313B	317F	MDRM1	03/01/85	03/31/85	1	1,478
8600039	BR3243	F191	313B	317F	MISM1	03/01/85	03/31/85	1	1,476
8600039	BR3244	F191	313B	317F	NWP03	03/01/85	03/31/85	1	1,478
8600039	BR3245	F191	313B	317F	PTAC1	03/01/85	03/31/85	1	1,476
8600039	BR3246	F191	313B	317F	PTAT2	03/01/85	03/31/85	1	1,472
8600039	BR3247	F191	313B	317F	PTGC1	03/01/85	03/31/85	1	1,458
8600039	BR3248	F191	313B	317F	SBI01	03/01/85	03/31/85	1	1,470
8600039	BR3249	F191	313B	317F	SGNW3	03/01/85	03/31/85	1	1,466
8600039	BR3250	F191	313B	317F	SISW1	03/01/85	03/31/85	1	1,470
8600039	BR3251	F191	313B	317F	SJLF1	03/01/85	03/31/85	1	1,472
8600039	BR3252	F191	313B	317F	SRST2	03/01/85	03/31/85	1	1,476
8600039	BR3253	F191	313B	317F	STDM4	03/01/85	03/31/85	1	1,466
8600039	BR3254	F191	313B	317F	TTIW1	03/01/85	03/31/85	1	1,478
8600039	BR3255	F191	313B	317F	WPOW1	03/01/85	03/31/85	1	1,344

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8600039	F291	BR3180	9999	313B	317F	1985/03/28	41001	159220
8600039	F291	BR3181	9999	313B	317F	1985/03/01	41002	159221
8600039	F291	BR3182	9999	313B	317F	1985/03/01	41006	159222
8600039	F291	BR3183	9999	313B	317F	1985/03/01	42001	159223
8600039	F291	BR3184	9999	313B	317F	1985/03/01	42002	159224
8600039	F291	BR3185	9999	313B	317F	1985/03/01	42003	159225
8600039	F291	BR3186	9999	313B	317F	1985/03/01	42007	159226
8600039	F291	BR3187	9999	313B	317F	1985/03/01	44004	159227
8600039	F291	BR3188	9999	313B	317F	1985/03/01	44005	159228
8600039	F291	BR3189	9999	313B	317F	1985/03/01	44007	159229
8600039	F291	BR3190	9999	313B	317F	1985/03/01	44008	159230
8600039	F291	BR3191	9999	313B	317F	1985/03/01	44009	159231
8600039	F291	BR3192	9999	313B	317F	1985/03/01	44011	159232
8600039	F291	BR3193	9999	313B	317F	1985/03/01	44012	159233
8600039	F291	BR3194	9999	313B	317F	1985/03/01	44013	159234
8600039	F291	BR3195	9999	313B	317F	1985/03/01	46001	159235
8600039	F291	BR3196	9999	313B	317F	1985/03/01	46002	159236
8600039	F291	BR3197	9999	313B	317F	1985/03/01	46003	159237
8600039	F291	BR3198	9999	313B	317F	1985/03/01	46004	159238
8600039	F291	BR3199	9999	313B	317F	1985/03/01	46005	159239
8600039	F291	BR3200	9999	313B	317F	1985/03/01	46006	159240
8600039	F291	BR3201	9999	313B	317F	1985/03/01	46010	159241
8600039	F291	BR3202	9999	313B	317F	1985/03/01	46011	159242
8600039	F291	BR3203	9999	313B	317F	1985/03/01	46012	159243
8600039	F291	BR3204	9999	313B	317F	1985/03/01	46013	159244
8600039	F291	BR3205	9999	313B	317F	1985/03/01	46014	159245
8600039	F291	BR3206	9999	313B	317F	1985/03/01	46016	159246
8600039	F291	BR3207	9999	313B	317F	1985/03/01	46017	159247
8600039	F291	BR3208	9999	313B	317F	1985/03/01	46018	159248
8600039	F291	BR3209	9999	313B	317F	1985/03/01	46022	159249
8600039	F291	BR3210	9999	313B	317F	1985/03/01	46023	159250
8600039	F291	BR3211	9999	313B	317F	1985/03/01	46024	159251
8600039	F291	BR3212	9999	313B	317F	1985/03/01	46025	159252
8600039	F291	BR3213	9999	313B	317F	1985/03/01	46026	159253
8600039	F291	BR3214	9999	313B	317F	1985/03/01	46029	159254
8600039	F291	BR3215	9999	313B	317F	1985/03/01	46030	159255
8600039	F291	BR3216	9999	313B	317F	1985/03/01	46031	159256
8600039	F291	BR3217	9999	313B	317F	1985/03/01	46032	159257
8600039	F291	BR3218	9999	313B	317F	1985/03/01	46033	159258
8600039	F291	BR3219	9999	313B	317F	1985/03/01	46034	159259
8600039	F291	BR3220	9999	313B	317F	1985/03/01	51001	159260
8600039	F291	BR3221	9999	313B	317F	1985/03/01	51002	159261
8600039	F291	BR3222	9999	313B	317F	1985/03/01	51003	159262
8600039	F291	BR3223	9999	313B	317F	1985/03/01	51004	159263
8600039	F291	BR3224	9999	313B	317F	1985/03/01	ALRF1	159264
8600039	F291	BR3225	9999	313B	317F	1985/03/01	ALSN6	159265
8600039	F291	BR3226	9999	313B	317F	1985/03/01	BURL1	159266
8600039	F291	BR3227	9999	313B	317F	1985/03/01	CARO3	159267
8600039	F291	BR3228	9999	313B	317F	1985/03/01	CHLV2	159268
8600039	F291	BR3229	9999	313B	317F	1985/03/01	CLKN7	159269
8600039	F291	BR3230	9999	313B	317F	1985/03/01	CSBF1	159270
8600039	F291	BR3231	9999	313B	317F	1985/03/03	DBLN6	159271
8600039	F291	BR3232	9999	313B	317F	1985/03/01	DESW1	159272
8600039	F291	BR3233	9999	313B	317F	1985/03/01	DISW3	159273
8600039	F291	BR3234	9999	313B	317F	1985/03/01	DSLN7	159274
8600039	F291	BR3235	9999	313B	317F	1985/03/01	FBIS1	159275

8600039	F291	BR3236	9999	313B	317F	1985/03/01	FFIA2	159276
8600039	F291	BR3237	9999	313B	317F	1985/03/01	FPSN7	159277
8600039	F291	BR3238	9999	313B	317F	1985/03/01	GDIL1	159278
8600039	F291	BR3239	9999	313B	317F	1985/03/01	GLLN6	159279
8600039	F291	BR3240	9999	313B	317F	1985/03/01	IOSN3	159280
8600039	F291	BR3241	9999	313B	317F	1985/03/01	LKWF1	159281
8600039	F291	BR3242	9999	313B	317F	1985/03/01	MDRM1	159282
8600039	F291	BR3243	9999	313B	317F	1985/03/01	MISM1	159283
8600039	F291	BR3244	9999	313B	317F	1985/03/01	NWPO3	159284
8600039	F291	BR3245	9999	313B	317F	1985/03/01	PTAC1	159285
8600039	F291	BR3246	9999	313B	317F	1985/03/01	PTAT2	159286
8600039	F291	BR3247	9999	313B	317F	1985/03/01	PTGC1	159287
8600039	F291	BR3248	9999	313B	317F	1985/03/01	SBIO1	159288
8600039	F291	BR3249	9999	313B	317F	1985/03/01	SGNW3	159289
8600039	F291	BR3250	9999	313B	317F	1985/03/01	SISW1	159290
8600039	F291	BR3251	9999	313B	317F	1985/03/01	SJLF1	159291
8600039	F291	BR3252	9999	313B	317F	1985/03/01	SRST2	159292
8600039	F291	BR3253	9999	313B	317F	1985/03/01	STDM4	159293
8600039	F291	BR3254	9999	313B	317F	1985/03/01	TTIW1	159294
8600039	F291	BR3255	9999	313B	317F	1985/03/01	WPOW1	159295

(76 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8600039	F291	BR3180	317F	1	912	85/03/28	85/03/28
8600039	F291	BR3181	317F	1	8862	85/03/01	85/03/01
8600039	F291	BR3182	317F	1	8854	85/03/01	85/03/01
8600039	F291	BR3183	317F	1	7388	85/03/01	85/03/01
8600039	F291	BR3184	317F	1	7354	85/03/01	85/03/01
8600039	F291	BR3185	317F	1	7386	85/03/01	85/03/01
8600039	F291	BR3186	317F	1	7248	85/03/01	85/03/01
8600039	F291	BR3187	317F	1	7154	85/03/01	85/03/01
8600039	F291	BR3188	317F	1	8852	85/03/01	85/03/01
8600039	F291	BR3189	317F	1	6356	85/03/01	85/03/01
8600039	F291	BR3190	317F	1	6548	85/03/01	85/03/01
8600039	F291	BR3191	317F	1	1454	85/03/01	85/03/01
8600039	F291	BR3192	317F	1	8842	85/03/01	85/03/01
8600039	F291	BR3193	317F	1	1468	85/03/01	85/03/01
8600039	F291	BR3194	317F	1	1482	85/03/01	85/03/01
8600039	F291	BR3195	317F	1	8852	85/03/01	85/03/01
8600039	F291	BR3196	317F	1	8690	85/03/01	85/03/01
8600039	F291	BR3197	317F	1	8850	85/03/01	85/03/01
8600039	F291	BR3198	317F	1	8852	85/03/01	85/03/01
8600039	F291	BR3199	317F	1	1476	85/03/01	85/03/01
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8600039	F291	BR3201	317F	1	6806	85/03/01	85/03/01
8600039	F291	BR3202	317F	1	7404	85/03/01	85/03/01
8600039	F291	BR3203	317F	1	7358	85/03/01	85/03/01
8600039	F291	BR3204	317F	1	8572	85/03/01	85/03/01
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8600039	F291	BR3206	317F	1	490	85/03/01	85/03/01
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8600039	F291	BR3209	317F	1	7336	85/03/01	85/03/01
8600039	F291	BR3210	317F	1	7346	85/03/01	85/03/01
8600039	F291	BR3211	317F	1	49539	85/03/01	85/03/01
8600039	F291	BR3212	317F	1	8826	85/03/01	85/03/01
8600039	F291	BR3213	317F	1	7332	85/03/01	85/03/01
8600039	F291	BR3214	317F	1	8840	85/03/01	85/03/01
8600039	F291	BR3215	317F	1	1474	85/03/01	85/03/01
8600039	F291	BR3216	317F	1	492	85/03/01	85/03/01
8600039	F291	BR3217	317F	1	436	85/03/01	85/03/01
8600039	F291	BR3218	317F	1	484	85/03/01	85/03/01
8600039	F291	BR3219	317F	1	509	85/03/01	85/03/01
8600039	F291	BR3220	317F	1	8862	85/03/01	85/03/01
8600039	F291	BR3221	317F	1	8884	85/03/01	85/03/01
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8600039	F291	BR3224	317F	1	1476	85/03/01	85/03/01
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8600039	F291	BR3226	317F	1	1476	85/03/01	85/03/01
8600039	F291	BR3227	317F	1	1476	85/03/01	85/03/01
8600039	F291	BR3228	317F	1	7140	85/03/01	85/03/01
8600039	F291	BR3229	317F	1	1476	85/03/01	85/03/01
8600039	F291	BR3230	317F	1	1468	85/03/01	85/03/01
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8600039	F291	BR3232	317F	1	1474	85/03/01	85/03/01
8600039	F291	BR3233	317F	1	1480	85/03/01	85/03/01
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8600039	F291	BR3236	317F	1	1468	85/03/01	85/03/01
8600039	F291	BR3237	317F	1	1476	85/03/01	85/03/01
8600039	F291	BR3238	317F	1	1470	85/03/01	85/03/01
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8600039	F291	BR3241	317F	1	1478	85/03/01	85/03/01
8600039	F291	BR3242	317F	1	1478	85/03/01	85/03/01
8600039	F291	BR3243	317F	1	1476	85/03/01	85/03/01
8600039	F291	BR3244	317F	1	1478	85/03/01	85/03/01
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8600039	F291	BR3246	317F	1	1472	85/03/01	85/03/01
8600039	F291	BR3247	317F	1	1458	85/03/01	85/03/01
8600039	F291	BR3248	317F	1	1470	85/03/01	85/03/01
8600039	F291	BR3249	317F	1	1466	85/03/01	85/03/01
8600039	F291	BR3250	317F	1	1470	85/03/01	85/03/01
8600039	F291	BR3251	317F	1	1472	85/03/01	85/03/01
8600039	F291	BR3252	317F	1	1476	85/03/01	85/03/01
8600039	F291	BR3253	317F	1	1466	85/03/01	85/03/01
8600039	F291	BR3254	317F	1	1478	85/03/01	85/03/01
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