

Reference #

BR4410-4431

ACCESSION NUMBER

8600203

F191

DATA DOCUMENTATION FORM

May 1986

NOAA FORM 24-13 (2-85)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20225

FORM APPROVED O.M.B. No. 0-41 (624) EXPIRES 2/29/87

(While you are not required to use this form, it is the most desirable mechanism for providing the required auxiliary 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  
 T O G A  
 (Tropical Ocean / Global Atmos. Program)

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  
 32301, 32302, 41001, 41002, 41006,  
 42001, 42002, 42003, 42007, 42009,  
 44004, 44005, 44007, 44008, 44009,  
 44011, 44012, 44013, 45001, 45003, 45007,

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: MC, DAY, YR TO: MC, DAY, YR  
 05/01/86 05/31/86

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. Ward-Nolan  
 FTS-494-1721

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  
 45008

GENERAL AREA

Reference #

BR 4442-4465

ACCESSION NUMBER

8600203

F191

DATA DOCUMENTATION FORM

May 1986

NOAA FORM 24-13 (2-85)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20225

FORM APPROVED OMB No. 06-41-0024 EXPIRES 2/29/87

(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  
(Tropical Ocean / Global Atmos. Program)

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

46016-17  
46001-05, 46010-12, 46014, 46022, 46023,  
46025-28, 46030, 46035, 46125, 51002,  
51003, 51004, 51005, 51006

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

05/01/86 05/31/86

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)?

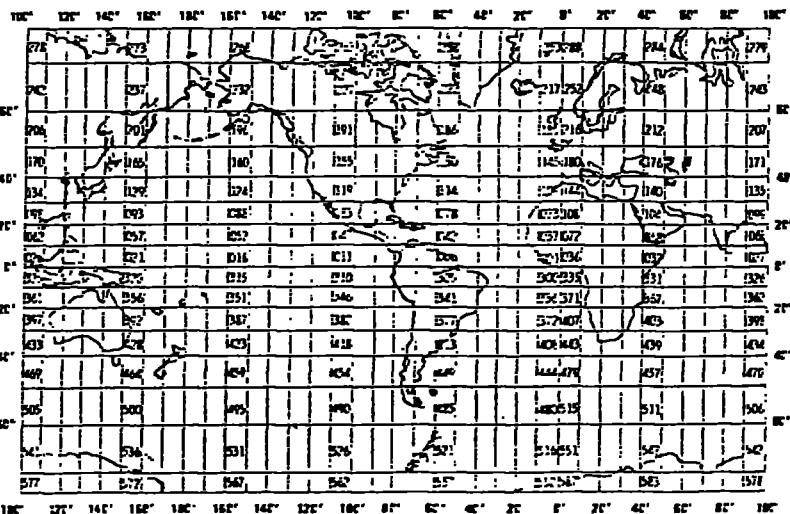
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

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. Ward-Nolan

FTS-494-1721



Reference #

BR4476-4514

ACCESSION NUMBER

8600203

F191

DATA DOCUMENTATION FORM

May 1986

NOAA FORM 24-13 (7-85)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20225

FORM APPROVED O.M.B. No. 0645-0024 EXPIRES 2/29/87

(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  
 TCGA  
 (Tropical Ocean / Global Atmos. Program)

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  
 ALRF2, ALSN6, BURL2, BUZM3, CARO2, CLEN7, CSBF2, DBLN6, DESU2, DISW3, DSLN7, FBIS2, FFIA2, FPSN7, GOLL2, GUN6, IGSN3, LKWF2, MDRM2, MISM2, NWPO3

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: 05/01/86 TO: 05/31/86

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. Ward-Nolan  
 FTS-494-1721

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  
 PILM4, PTAC2, PTAT2, PTGC2, ROAM4, SBIO2, SGNW3, ISW2, SJLF2, SPGF2, SRST2, STOM4, SVLS2, TPLM2, TTIW2, VENF2, WPOW2

C. DATA FORMAT

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

LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

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  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"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	
<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4080</p>	
<p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">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., bits, bytes)	15. 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		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
<b>ENVIRONMENTAL 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	"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 NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (0.6 = bits, bytes)	15. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMB.R	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
MINIMUM 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

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. bits, bytes)	15. LENGTH		17. ATTRIBUTES	19. 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	4		I4	Center frequency of interval in Hertz to thousandths
Resolution	77, 91	4		I4	Resolution of interval in Hertz to ten-thousandths
Density	39, 53, 67	4		I4	Resolution of interval in Hertz to ten-thousandths
	81, 95	6		I6	Spectral Density of interval in m <sup>2</sup> /Hz to thousandths
BLANKS	43, 57, 71	6		I6	Spectral Density of interval in m <sup>2</sup> /Hz to thousandths
	85, 99	6		I6	Spectral Density of interval in m <sup>2</sup> /Hz to thousandths
	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	5		I5	Obs. level, meters to tenths
	54, 63, 72	5		I5	Obs. level, meters to tenths
	81, 90, 99	5		I5	Obs. level, meters to tenths
	108	5		I5	Obs. level, meters to tenths
Temperature	32, 41, 50	4		I4	Degrees Celsius to hundredths (include Sea Surface Temperature)
	59, 68, 77	4		I4	Degrees Celsius to hundredths (include Sea Surface Temperature)
	86, 95, 104	4		I4	Degrees Celsius to hundredths (include Sea Surface Temperature)
BLANKS	113	4		4X	Fill the fixed length record
	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

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>SURFACE 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., bits, 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  $PI$ .  $C118(M^2/HZ) = (C22+C33)/(K*K)$  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.

*Scan*

INPUT MEDIUM TAPE <input checked="" type="checkbox"/> CARD <input type="checkbox"/> DISK <input type="checkbox"/> SKETTE <input type="checkbox"/> OTHER(SPECIFY)	OUTPUT MEDIUM PRINT <input checked="" type="checkbox"/> TAPE <input type="checkbox"/> PLOT <input type="checkbox"/> CARD <input type="checkbox"/> DISK <input type="checkbox"/> SKETTE <input type="checkbox"/> OTHER(SPECIFY)
--	--

INPUT/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	#
A00247		9	1600	odd	NL	F	120	4080	1
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> 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 PRI DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIF
5/15/57	10:00	10:10	C	COMPLETED BY JAMES

1023  
F194

SUBMITTED  
6-9/87

DIFFERENT TO BE USED AND FUNCTION TO BE PERFORMED

ACIS

INPUT MEDIUM  
PAPER CARD DISK TAPE  
DISKETTE OTHER(SPECIFY)

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

PER/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F
OUTPUT	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	# F
OUTPUT	A00248		9	1600	odd	NL	FR	120	4050	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				
INPUT	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				

SPECIAL INSTRUCTIONS

ESTIMATED  
EXECUTION  
TIME

FOR USER ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRI DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIF
6/10/87	19:21	09:25	C	COMPLETED BY ANDY

May 86  
2023

SUBMITTED  
5/18/87

27

Green X  
MEDIUM TO BE USED AND FUNCTION TO BE PERFORMED

Plan

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

INPUT/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	#
A00249		9	1600	odd	NE	F.R.	120	4080	1
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> 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			

ADDITIONAL INSTRUCTIONS

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
07-5724	5/18/87	0950	0955	C	COMPLETED BY JAMES

F191  
May 86  
3083

copy to 'w' tape and scan output

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

INPUT/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
A00247		9	1600	odd	NL	FB	120	4080	1	
SECTOR SIZE						EXCHANGE TYPE		CODE: <del>ASCII</del> EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME
W13055		9	1600	odd	FB	FB	120	4080	1	
SECTOR SIZE						EXCHANGE TYPE		CODE: <del>ASCII</del> EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME

ESTIMATED EXECUTION TIME <p style="text-align: center;">Procedure BR-BUOY 07</p> <p>Match 4410. Dat</p>	
--	--

USE ONLY					
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRIOR DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED	
5/19/87	08:45	09:20	C	COMPLETED BY JAMES	

May 86  
1003

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*Copy to tape and scan output*

*Library # N0202*

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)
--	---

TAPE/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>AC248</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			
<i>W13029</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			

SPECIAL INSTRUCTIONS <i>Match 4442 Dat</i>	ESTIMATED EXECUTION TIME <i>Procedure BR-BU04.68</i>
---	---

31 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>90</i>	<i>6/26/87</i>	<i>1030</i>	<i>1100</i>	<i>C</i>	<i>COMPLETED BY JAMES</i>

*Send to Ackerville*

*Aug 86  
273*

Wagner, West

5/5/87

29

DIFFERENT TO BE USED AND FUNCTION TO BE PERFORMED

Copy to W1 tape & scan output

INPUT MEDIUM TAPE CARD DISK SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM PRINT TAPE DISK 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			
AE00249		9	1600	odd	NL	FB	120	4080	1
SECTOR SIZE EXCHANGE TYPE CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)						DATA SET NAME			
W13015		9	1600	odd	NL	FB	120	4080	1
SECTOR SIZE EXCHANGE TYPE CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)						DATA SET NAME			

ADDITIONAL INSTRUCTIONS

Procedure BRB40V 69

ESTIMATED EXECUTION TIME

Mitch 4476. 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
5/14/87	17:25	18:44	L	COMPLETED BY JAMES

May 26 3:27 3



ACCESSION NO. 8600203

FILETYPE F191

TRACK NO. BR4410-4431

PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	7/6/87	(092)	A00247	1	120	4080	
DUPLICATE TAPE <i>there</i>	7/6/87	(092)	W13055*	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:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 860203FILETYPE F191TRACK NO. BR4442-4465PROJECT IDENTIFICATION TOGO

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	7/6/87	(JS)	A00248	1	120	4080	
DUPLICATE TAPE <i>v there</i>	7/6/87	(JS)	W13029 *	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:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D4217P

ACCESSION NO. 8600203

FILETYPE F191

TRACK NO BR4476-4514

IDENTIFICATION T060

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	7/6/87	(92)	A00249	1	120	4080	
DUPLICATE TAPE	7/6/87	(92)	W13015*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

\* Tape is non-labeled

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

D4514P

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

DATE 05/86 STATION ID

	POSITIONS		WAVES	STATION
	LAT.	LONG.		TYPE
32301	10.0	105.0	WA	BUOY
32302	18.0	85.1	WA	BUOY
41001	34.9	72.9	WDA	BUOY
41002	32.3	75.3	WDA	BUOY
41006	29.3	77.3	WDA	BUOY
42001	25.9	89.7	WDA	BUOY
42002	26.0	93.5	WDA	BUOY
42003	26.0	85.9	WDA	BUOY
42007	30.1	88.9	WDA	BUOY
42009	29.3	87.5	WDA	BUOY
44004	38.5	70.7	WDA	BUOY
44005	42.7	68.3	WDA	BUOY
44007	43.5	70.1	WA	BUOY
44008	40.5	69.5	WA	BUOY
44009	38.5	74.6	WA	BUOY
44011	41.1	66.6	WDA	BUOY
44012	38.8	74.6	N/A	BUOY
44013	42.4	70.8	N/A	BUOY
45001	48.0	87.7	WDA	BUOY
45003	45.3	82.8	WA	BUOY
45007	42.7	87.1	WA	BUOY
45008	44.3	82.4	WA	BUOY
46001	56.3	148.3	WDA	BUOY
46002	42.5	130.3	WDA	BUOY
46003	51.9	155.9	WDA	BUOY
46004	50.9	135.9	WDA	BUOY
46005	46.1	131.0	WDA	BUOY
46010	46.2	124.2	WA	BUOY
46011	34.9	120.9	WDA	BUOY
46012	37.4	122.7	WDA	BUOY
46014	39.2	124.0	N/A	BUOY
46016	63.3	170.3	N/A	LAND
46017	60.3	172.3	N/A	LAND
46022	40.8	124.5	WDA	BUOY
46023	34.3	120.7	WDA	BUOY
46025	33.6	119.0	WDA	BUOY
46026	37.8	122.7	WDA	BUOY
46027	41.8	124.4	WA	BUOY
46028	35.8	121.9	WDA	BUOY
46030	40.4	124.5	N/A	BUOY
46035	57.0	177.7	WDA	BUOY
46125	33.8	119.1	DWA	BUOY
51002	17.2	157.8	WDA	BUOY
51003	19.2	160.8	WDA	BUOY
51004	17.5	152.6	WDA	BUOY
51005	20.3	156.1	WA	BUOY
ALRF1	24.9	80.6	N/A	LAND
ALSN6	40.5	73.8	N/A	LAND
BURL1	28.9	89.4	N/A	LAND
BUZM3	41.0	71.0	N/A	LAND
CARD3	43.3	124.4	N/A	LAND
CHLV2	36.9	75.7	WA	LAND
CLKN7	34.6	76.5	N/A	LAND
CSEF1	29.7	85.4	N/A	LAND
DBLN6	42.5	79.4	N/A	LAND
DESW1	47.7	124.5	N/A	LAND
DISW3	47.1	90.7	N/A	LAND
DSLN7	35.2	75.3	N/A	LAND

FB181	32.7	79.9	N/A	LAND
FF1A2	57.3	133.6	N/A	LAND
FPSN7	33.5	77.6	N/A	LAND
GD1L1	29.3	89.9	N/A	LAND
GLLN6	43.9	76.4	N/A	LAND
IQSN3	42.9	70.6	N/A	LAND
LKWF1	26.6	80.0	N/A	LAND
MDRM1	44.0	68.1	N/A	LAND
MISM1	43.8	68.9	N/A	LAND
NWPO3	44.6	124.1	N/A	LAND
PILM4	48.2	88.4	N/A	LAND
PTAC1	38.9	123.7	N/A	LAND
PTAT2	27.8	97.1	N/A	LAND
PTGC1	34.6	120.7	N/A	LAND
ROAM4	47.9	89.3	N/A	LAND
SB101	41.7	82.8	N/A	LAND
SGNW3	43.8	87.7	N/A	LAND
SISW1	48.3	122.9	N/A	LAND
SJLF1	30.4	81.4	N/A	LAND
SPGF1	26.7	79.0	N/A	LAND
SRST2	29.7	94.1	N/A	LAND
STDM4	47.2	87.2	N/A	LAND
SVLS1	32.0	80.7	N/A	LAND
TPLM2	38.9	76.4	N/A	LAND
TTIW1	48.4	124.7	N/A	LAND
VENF1	27.1	82.5	N/A	LAND
WPOW1	47.7	122.4	N/A	LAND

#162/5-15-87



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

May 7, 1987

F360  
DB3:87-0224  
SPN:nm

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 May 1986 archive data. This rerun corrects all known problems. Please replace the data currently in your files with these data. Also enclosed is a list of stations and the inclusive dates that are on each tape.

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

Sincerely,

A handwritten signature in cursive script that reads "Sallie P. Nolan".

Sallie P. Nolan  
ADP Manager

Enclosures



**Tape 1**

32301 05018600 05318623  
32302 05018600 05318623  
41001 05078616 05318623  
41002 05018600 05108616  
41006 05018600 05318623  
42001 05018600 05318623  
42002 05018600 05318623  
42003 05018600 05318623  
42007 05018600 05318623  
42009 05018600 05318623  
44004 05018600 05318623  
44005 05288617 05318623  
44007 05018600 05148622 05288618 05318623  
44008 05018600 05318623  
44009 05308621 05318623  
44011 05018600 05128610 05238616 05318623  
44012 05018600 05318623  
44013 05018600 05078612 05308618 05318623  
45001 05018600 05318623  
45003 05208618 05318623  
45007 05068616 05318623  
45008 05208623 05318623

**Tape 2**

46001 05018600 05318623  
46002 05018600 05318623  
46003 05018600 05318623  
46004 05018600 05318623  
46005 05018600 05318623  
46010 05018600 05038604 05288600 05318623  
46011 05018600 05318623  
46012 05018600 05318623  
46014 05018600 05318623  
46016 05018600 05318623  
46017 05018600 05318623  
46022 05018600 05198610 05208610 05318623  
46023 05018600 05318623  
46025 05018600 05318623  
46026 05018600 05318623  
46027 05018600 05318623  
46028 05018600 05318623  
46030 05018600 05168619  
46035 05018600 05318623  
46125 05018600 05318623  
51002 05018600 05318623  
51003 05018600 05318623  
51004 05018600 05318623  
51005 05018600 05318623

**Tape 3**

ALRF1 05018600 05318623  
ALSN6 05018600 05318623  
BURL1 05018600 05318623  
BUZM3 05018600 05318623

CAR03	05018600	05318623
CHLV2	05018600	05318623
CLKN7	05018600	05318623
CSBF1	05018600	05318623
DBLN6	05098618	05318623
DESW1	05018600	05318623
DISW3	05018600	05318623
DSLN7	05018600	05318623
FBIS1	05018600	05318623
FFIA2	05018600	05318623
FPSN7	05018600	05318623
GDIL1	05018600	05318623
GLLN6	05018600	05318623
IOSN3	05018600	05318623
LKWF1	05018600	05318623
MDRM1	05018600	05318623
MISM1	05018600	05318623
NWPO3	05018600	05318623
PILM4	05018600	05318623
PTAC1	05018600	05318623
PTAT2	05018600	05318623
PTGC1	05018600	05318623
ROAM4	05018600	05318623
SBI01	05018600	05318623
SGNW3	05018600	05278612
SISW1	05018600	05318623
SJLF1	05018600	05318623
SPGF1	05018600	05318623
SRST2	05018600	05318623
STDM4	05018600	05318623
SVLS1	05018600	05318623
TPLM2	05018600	05318623
TTIW1	05018600	05318623
VENF1	05098621	05318623
WPOW1	05018600	05318623



#181/6-487



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

May 20, 1987

F360  
DB3:87-0251  
SPN:nm

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 May 1986 tape #2, to correct the scan problem. In addition a modification was made to correct the altitudes for stations 46010 and 46012. Also enclosed is a list of stations and the inclusive dates that are on this tape.

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

Sincerely,

Sallie P. Nolan  
ADP Manager

Enclosures



**Tape 2**

46001 05018600 05318623  
46002 05018600 05318623  
46003 05018600 05318623  
46004 05018600 05318623  
46005 05018600 05318623  
46010 05018600 05038604 05288600 05318623  
46011 05018600 05318623  
46012 05018600 05318623  
46014 05018600 05318623  
46016 05018600 05318623  
46017 05018600 05318623  
46022 05018600 05198610 05208610 05318623  
46023 05018600 05318623  
46025 05018600 05318623  
46026 05018600 05318623  
46027 05018600 05318623  
46028 05018600 05318623  
46030 05018600 05168619  
46035 05018600 05318623  
46125 05018600 05318623  
51002 05018600 05318623  
51003 05018600 05318623  
51004 05018600 05318623  
51005 05018600 05318623

8600203

TO: E/OC12 - C. Noe ✓  
E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

F.J.M. / FOR

DATE: JULY 7, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

-----  
ARCHIVES BRANCH (E/OC11)

WIND/WAVE SPECTRA (F191)

ACC: 8600203 REF: BR4410-31; 4442-65; ✓  
BR4476-4514  
85 STATIONS 351,554 RECORDS  
MAY 1986

ACC: 8409000 REF: BR5488  
1 STATION  
48,756 RECORDS  
JULY 1984

OCEAN STATIONS [C100]

1904 STATIONS

ACC: 8700112 REF: 907043-7078 28,743 RECORDS

-----  
~~DATA PROCESSING BRANCH (E/OC12)~~

GF-3 RUSSIAN DATA

cc: E/OC1 - I. Perlroth

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE * END	NUM STA	NUM REC
8600203	BR4410	F191		313B	317F	32301	05/01/86	05/31/86	1	7,396
8600203	BR4411	F191		313B	317F	32302	05/01/86	05/31/86	1	7,396
8600203	BR4412	F191		313B	317F	41001	05/07/86	05/31/86	1	6,974
8600203	BR4413	F191		313B	317F	41002	05/01/86	05/10/86	1	2,724
8600203	BR4414	F191		313B	317F	41006	05/01/86	05/31/86	1	8,874
8600203	BR4415	F191		313B	317F	42001	05/01/86	05/31/86	1	7,414
8600203	BR4416	F191		313B	317F	42002	05/01/86	05/31/86	1	7,390
8600203	BR4417	F191		313B	317F	42003	05/01/86	05/31/86	1	7,412
8600203	BR4418	F191		313B	317F	42007	05/01/86	05/31/86	1	7,392
8600203	BR4419	F191		313B	317F	42009	05/01/86	05/31/86	1	7,266
8600203	BR4420	F191		313B	317F	44004	05/01/86	05/31/86	1	8,870
8600203	BR4421	F191		313B	317F	44005	05/28/86	05/31/86	1	936
8600203	BR4422	F191		313B	317F	44007	05/01/86	05/31/86	1	4,102
8600203	BR4423	F191		313B	317F	44008	05/01/86	05/31/86	1	7,394
8600203	BR4424	F191		313B	317F	44009	05/30/86	05/31/86	1	260
8600203	BR4425	F191		313B	317F	44011	05/01/86	05/31/86	1	5,628
8600203	BR4426	F191		313B	317F	44012	05/01/86	05/31/86	1	1,484
8600203	BR4427	F191		313B	317F	44013	05/01/86	05/31/86	1	372
8600203	BR4428	F191		313B	317F	45001	05/01/86	05/31/86	1	5,396
8600203	BR4429	F191		313B	317F	45003	05/20/86	05/31/86	1	2,640
8600203	BR4430	F191		313B	317F	45007	05/06/86	05/31/86	1	5,902
8600203	BR4431	F191		313B	317F	45008	05/20/86	05/31/86	1	2,630

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600203	BR4442	F191		313B	317F	46001	05/01/86	05/31/86	1	8,846
8600203	BR4443	F191		313B	317F	46002	05/01/86	05/31/86	1	8,886
8600203	BR4444	F191		313B	317F	46003	05/01/86	05/31/86	1	8,868
8600203	BR4445	F191		313B	317F	46004	05/01/86	05/31/86	1	8,824
8600203	BR4446	F191		313B	317F	46005	05/01/86	05/31/86	1	8,846
8600203	BR4447	F191		313B	317F	46010	05/01/86	05/31/86	1	1,470
8600203	BR4448	F191		313B	317F	46011	05/01/86	05/31/86	1	8,762
8600203	BR4449	F191		313B	317F	46012	05/01/86	05/31/86	1	7,350
8600203	BR4450	F191		313B	317F	46014	05/01/86	05/31/86	1	1,468
8600203	BR4451	F191		313B	317F	46022	05/01/86	05/31/86	1	8,114
8600203	BR4452	F191		313B	317F	46023	05/01/86	05/31/86	1	7,314
8600203	BR4453	F191		313B	317F	46025	05/01/86	05/31/86	1	7,368
8600203	BR4454	F191		313B	317F	46026	05/01/86	05/31/86	1	7,374
8600203	BR4455	F191		313B	317F	46027	05/01/86	05/31/86	1	7,350
8600203	BR4456	F191		313B	317F	46028	05/01/86	05/31/86	1	8,858
8600203	BR4457	F191		313B	317F	46030	05/01/86	05/16/86	1	756
8600203	BR4458	F191		313B	317F	46035	05/01/86	05/31/86	1	7,370
8600203	BR4459	F191		313B	317F	46125	05/01/86	05/31/86	1	17,640
0203	BR4460	F191		313B	317F	51002	05/01/86	05/31/86	1	8,858
J0203	BR4461	F191		313B	317F	51003	05/01/86	05/31/86	1	8,822
8600203	BR4462	F191		313B	317F	51004	05/01/86	05/31/86	1	8,860
8600203	BR4463	F191		313B	317F	51005	05/01/86	05/31/86	1	7,370
8600203	BR4464	F191		313B	317F	CHLV2	05/01/86	05/31/86	1	7,280

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600203	BR4475	F191		313B	317F	46016	05/01/86	05/31/86	1	494
8600203	BR4476	F191		313B	317F	46017	05/01/86	05/31/86	1	490
8600203	BR4477	F191		313B	317F	ALRF1	05/01/86	05/31/86	1	1,464
8600203	BR4478	F191		313B	317F	ALSN6	05/01/86	05/31/86	1	1,486
8600203	BR4479	F191		313B	317F	BURL1	05/01/86	05/31/86	1	1,470
8600203	BR4480	F191		313B	317F	BUZM3	05/01/86	05/31/86	1	1,486
8600203	BR4481	F191		313B	317F	CARD3	05/01/86	05/31/86	1	1,472
8600203	BR4482	F191		313B	317F	CLKN7	05/01/86	05/31/86	1	1,480
8600203	BR4483	F191		313B	317F	CSBF1	05/01/86	05/31/86	1	1,472
8600203	BR4484	F191		313B	317F	DBLN6	05/09/86	05/31/86	1	1,064
8600203	BR4485	F191		313B	317F	DESW1	05/01/86	05/31/86	1	1,474
8600203	BR4486	F191		313B	317F	DISW3	05/01/86	05/31/86	1	1,486
8600203	BR4487	F191		313B	317F	DSLN7	05/01/86	05/31/86	1	2,960
8600203	BR4488	F191		313B	317F	FBIS1	05/01/86	05/31/86	1	1,482
8600203	BR4489	F191		313B	317F	FFIA2	05/01/86	05/31/86	1	1,474
8600203	BR4490	F191		313B	317F	FPSN7	05/01/86	05/31/86	1	1,486
8600203	BR4491	F191		313B	317F	GDIL1	05/01/86	05/31/86	1	1,468
8600203	BR4492	F191		313B	317F	GLLN6	05/01/86	05/31/86	1	1,482
10203	BR4493	F191		313B	317F	IOSN3	05/01/86	05/31/86	1	1,480
J0203	BR4494	F191		313B	317F	LKWF1	05/01/86	05/31/86	1	1,440
8600203	BR4495	F191		313B	317F	MDRM1	05/01/86	05/31/86	1	1,484
8600203	BR4496	F191		313B	317F	MISM1	05/01/86	05/31/86	1	1,484
8600203	BR4497	F191		313B	317F	NWPO3	05/01/86	05/31/86	1	1,474
8600203	BR4498	F191		313B	317F	PILM4	05/01/86	05/30/86	1	1,408
8600203	BR4499	F191		313B	317F	PTAC1	05/01/86	05/31/86	1	1,476
8600203	BR4500	F191		313B	317F	PTAT2	05/01/86	05/31/86	1	1,460
8600203	BR4501	F191		313B	317F	PTGC1	05/01/86	05/31/86	1	1,426
8600203	BR4502	F191		313B	317F	RDAM4	05/01/86	05/31/86	1	1,482
8600203	BR4503	F191		313B	317F	SBID1	05/01/86	05/31/86	1	1,378
8600203	BR4504	F191		313B	317F	SGNW3	05/01/86	05/27/86	1	1,272
8600203	BR4505	F191		313B	317F	SISW1	05/01/86	05/31/86	1	1,474
8600203	BR4506	F191		313B	317F	SJLF1	05/01/86	05/31/86	1	1,484
8600203	BR4507	F191		313B	317F	SPGF1	05/01/86	05/31/86	1	1,486
8600203	BR4508	F191		313B	317F	SRST2	05/01/86	05/31/86	1	1,472
8600203	BR4509	F191		313B	317F	STDM4	05/01/86	05/31/86	1	1,486
8600203	BR4510	F191		313B	317F	SVLS1	05/01/86	05/31/86	1	1,486
8600203	BR4511	F191		313B	317F	TPLM2	05/01/86	05/31/86	1	1,480
8600203	BR4512	F191		313B	317F	TTIW1	05/01/86	05/31/86	1	1,474
8600203	BR4513	F191		313B	317F	VENF1	05/09/86	05/31/86	1	1,046
8600203	BR4514	F191		313B	317F	WPDW1	05/01/86	05/31/86	1	1,500

## Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8600203	F291	BR4463	9999	313B	317F	1986/05/01	51003	164608
8600203	F291	BR4464	9999	313B	317F	1986/05/01	51004	164609
8600203	F291	BR4476	9999	313B	317F	1986/05/01	ALRF1	164610
8600203	F291	BR4477	9999	313B	317F	1986/05/01	ALSN6	164611
8600203	F291	BR4478	9999	313B	317F	1986/05/01	BURL1	164612
8600203	F291	BR4479	9999	313B	317F	1986/05/01	BUZM3	164613
8600203	F291	BR4480	9999	313B	317F	1986/05/01	CARO3	164614
8600203	F291	BR4481	9999	313B	317F	1986/05/01	CHLV2	164615
8600203	F291	BR4482	9999	313B	317F	1986/05/01	CLKN7	164616
8600203	F291	BR4483	9999	313B	317F	1986/05/01	CSBF1	164617
8600203	F291	BR4484	9999	313B	317F	1986/05/09	DBLN6	164618
8600203	F291	BR4485	9999	313B	317F	1986/05/01	DESW1	164619
8600203	F291	BR4486	9999	313B	317F	1986/05/01	DISW3	164620
8600203	F291	BR4487	9999	313B	317F	1986/05/01	DSLX7	164621
8600203	F291	BR4488	9999	313B	317F	1986/05/01	FBIS1	164622
8600203	F291	BR4489	9999	313B	317F	1986/05/01	FFIA2	164623
8600203	F291	BR4490	9999	313B	317F	1986/05/01	FPSN7	164624
8600203	F291	BR4491	9999	313B	317F	1986/05/01	GDIL1	164625
8600203	F291	BR4492	9999	313B	317F	1986/05/01	GLLN6	164626
8600203	F291	BR4493	9999	313B	317F	1986/05/01	IOSN3	164627
8600203	F291	BR4494	9999	313B	317F	1986/05/01	LKWF1	164628
8600203	F291	BR4495	9999	313B	317F	1986/05/01	MDRM1	164629
8600203	F291	BR4496	9999	313B	317F	1986/05/01	MISM1	164630
8600203	F291	BR4497	9999	313B	317F	1986/05/01	NWPO3	164631
8600203	F291	BR4498	9999	313B	317F	1986/05/01	PILM4	164632
8600203	F291	BR4499	9999	313B	317F	1986/05/01	PTAC1	164633
8600203	F291	BR4500	9999	313B	317F	1986/05/01	PTAT2	164634
8600203	F291	BR4501	9999	313B	317F	1986/05/01	PTGC1	164635
8600203	F291	BR4502	9999	313B	317F	1986/05/01	ROAM4	164636
8600203	F291	BR4503	9999	313B	317F	1986/05/01	SBIO1	164637
8600203	F291	BR4504	9999	313B	317F	1986/05/01	SGNW3	164638
8600203	F291	BR4505	9999	313B	317F	1986/05/01	SISW1	164639
8600203	F291	BR4506	9999	313B	317F	1986/05/01	SJLF1	164640
8600203	F291	BR4507	9999	313B	317F	1986/05/01	SPGF1	164641
8600203	F291	BR4508	9999	313B	317F	1986/05/01	SRST2	164642
8600203	F291	BR4509	9999	313B	317F	1986/05/01	STDMA	164643
8600203	F291	BR4510	9999	313B	317F	1986/05/01	SVLS1	164644
8600203	F291	BR4511	9999	313B	317F	1986/05/01	TPLM2	164645
8600203	F291	BR4512	9999	313B	317F	1986/05/01	TTIW1	164646
8600203	F291	BR4513	9999	313B	317F	1986/05/09	VENF1	164647
8600203	F291	BR4514	9999	313B	317F	1986/05/01	WPOW1	164648
8600203	F291	BR4465	9999	313B	317F	1986/05/01	51005	164649
8600203	F291	BR4410	9999	313B	317F	1986/05/01	32301	164565
8600203	F291	BR4411	9999	313B	317F	1986/05/01	32302	164566
8600203	F291	BR4412	9999	313B	317F	1986/05/07	41001	164567
8600203	F291	BR4413	9999	313B	317F	1986/05/01	41002	164568
8600203	F291	BR4414	9999	313B	317F	1986/05/01	41006	164569
8600203	F291	BR4415	9999	313B	317F	1986/05/01	42001	164570
8600203	F291	BR4416	9999	313B	317F	1986/05/01	42002	164571
8600203	F291	BR4417	9999	313B	317F	1986/05/01	42003	164572
8600203	F291	BR4418	9999	313B	317F	1986/05/01	42007	164573
8600203	F291	BR4419	9999	313B	317F	1986/05/01	42009	164574
8600203	F291	BR4420	9999	313B	317F	1986/05/01	44004	164575
8600203	F291	BR4421	9999	313B	317F	1986/05/28	44005	164576
8600203	F291	BR4422	9999	313B	317F	1986/05/01	44007	164577
8600203	F291	BR4423	9999	313B	317F	1986/05/01	44008	164578

8600203	F291	BR4424	9999	313B	317F	1986/05/30	44009	164579
8600203	F291	BR4425	9999	313B	317F	1986/05/01	44011	164580
8600203	F291	BR4426	9999	313B	317F	1986/05/01	44012	164581
8600203	F291	BR4427	9999	313B	317F	1986/05/01	44013	164582
8600203	F291	BR4428	9999	313B	317F	1986/05/04	45001	164583
8600203	F291	BR4429	9999	313B	317F	1986/05/20	45003	164584
8600203	F291	BR4430	9999	313B	317F	1986/05/06	45007	164585
8600203	F291	BR4431	9999	313B	317F	1986/05/20	45008	164586
8600203	F291	BR4442	9999	313B	317F	1986/05/01	46001	164587
8600203	F291	BR4443	9999	313B	317F	1986/05/01	46002	164588
8600203	F291	BR4444	9999	313B	317F	1986/05/01	46003	164589
8600203	F291	BR4445	9999	313B	317F	1986/05/01	46004	164590
8600203	F291	BR4446	9999	313B	317F	1986/05/01	46005	164591
8600203	F291	BR4447	9999	313B	317F	1986/05/01	46010	164592
8600203	F291	BR4448	9999	313B	317F	1986/05/01	46011	164593
8600203	F291	BR4449	9999	313B	317F	1986/05/01	46012	164594
8600203	F291	BR4450	9999	313B	317F	1986/05/01	46014	164595
8600203	F291	BR4451	9999	313B	317F	1986/05/01	46016	164596
8600203	F291	BR4452	9999	313B	317F	1986/05/01	46017	164597
8600203	F291	BR4453	9999	313B	317F	1986/05/01	46022	164598
8600203	F291	BR4454	9999	313B	317F	1986/05/01	46023	164599
8600203	F291	BR4455	9999	313B	317F	1986/05/01	46025	164600
8600203	F291	BR4456	9999	313B	317F	1986/05/01	46026	164601
8600203	F291	BR4457	9999	313B	317F	1986/05/01	46027	164602
8600203	F291	BR4458	9999	313B	317F	1986/05/01	46028	164603
8600203	F291	BR4459	9999	313B	317F	1986/05/01	46030	164604
8600203	F291	BR4460	9999	313B	317F	1986/05/01	46035	164605
8600203	F291	BR4461	9999	313B	317F	1986/05/01	46125	164606
8600203	F291	BR4462	9999	313B	317F	1986/05/01	51002	164607

(85 rows affected)



Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8600203	F291	BR4463	317F	1	8822	86/05/01	86/05/01
8600203	F291	BR4464	317F	1	8858	86/05/01	86/05/01
8600203	F291	BR4476	317F	1	1464	86/05/01	86/05/01
8600203	F291	BR4477	317F	1	1486	86/05/01	86/05/01
8600203	F291	BR4478	317F	1	1470	86/05/01	86/05/01
8600203	F291	BR4479	317F	1	1486	86/05/01	86/05/01
8600203	F291	BR4480	317F	1	1472	86/05/01	86/05/01
8600203	F291	BR4481	317F	1	7268	86/05/01	86/05/01
8600203	F291	BR4482	317F	1	1478	86/05/01	86/05/01
8600203	F291	BR4483	317F	1	1472	86/05/01	86/05/01
8600203	F291	BR4484	317F	1	1062	86/05/09	86/05/09
8600203	F291	BR4485	317F	1	1474	86/05/01	86/05/01
8600203	F291	BR4486	317F	1	1484	86/05/01	86/05/01
8600203	F291	BR4487	317F	1	2960	86/05/01	86/05/01
8600203	F291	BR4488	317F	1	1482	86/05/01	86/05/01
8600203	F291	BR4489	317F	1	1474	86/05/01	86/05/01
8600203	F291	BR4490	317F	1	1486	86/05/01	86/05/01
8600203	F291	BR4491	317F	1	1466	86/05/01	86/05/01
8600203	F291	BR4492	317F	1	1482	86/05/01	86/05/01
8600203	F291	BR4493	317F	1	1480	86/05/01	86/05/01
8600203	F291	BR4494	317F	1	1390	86/05/01	86/05/01
8600203	F291	BR4495	317F	1	1484	86/05/01	86/05/01
8600203	F291	BR4496	317F	1	1482	86/05/01	86/05/01
8600203	F291	BR4497	317F	1	1474	86/05/01	86/05/01
8600203	F291	BR4498	317F	1	1406	86/05/01	86/05/01
8600203	F291	BR4499	317F	1	1474	86/05/01	86/05/01
8600203	F291	BR4500	317F	1	1458	86/05/01	86/05/01
8600203	F291	BR4501	317F	1	1426	86/05/01	86/05/01
8600203	F291	BR4502	317F	1	1482	86/05/01	86/05/01
8600203	F291	BR4503	317F	1	1238	86/05/01	86/05/01
8600203	F291	BR4504	317F	1	1272	86/05/01	86/05/01
8600203	F291	BR4505	317F	1	1474	86/05/01	86/05/01
8600203	F291	BR4506	317F	1	1484	86/05/01	86/05/01
8600203	F291	BR4507	317F	1	1486	86/05/01	86/05/01
8600203	F291	BR4508	317F	1	1466	86/05/01	86/05/01
8600203	F291	BR4509	317F	1	1486	86/05/01	86/05/01
8600203	F291	BR4510	317F	1	1484	86/05/01	86/05/01
8600203	F291	BR4511	317F	1	1478	86/05/01	86/05/01
8600203	F291	BR4512	317F	1	1474	86/05/01	86/05/01
8600203	F291	BR4513	317F	1	1046	86/05/09	86/05/09
8600203	F291	BR4514	317F	1	1482	86/05/01	86/05/01
8600203	F291	BR4465	317F	1	7372	86/05/01	86/05/01
8600203	F291	BR4410	317F	1	7396	86/05/01	86/05/01
8600203	F291	BR4411	317F	1	7396	86/05/01	86/05/01
8600203	F291	BR4412	317F	1	6974	86/05/07	86/05/07
8600203	F291	BR4413	317F	1	2724	86/05/01	86/05/01
8600203	F291	BR4414	317F	1	8874	86/05/01	86/05/01
8600203	F291	BR4415	317F	1	7414	86/05/01	86/05/01
8600203	F291	BR4416	317F	1	7390	86/05/01	86/05/01
8600203	F291	BR4417	317F	1	7412	86/05/01	86/05/01
8600203	F291	BR4418	317F	1	7392	86/05/01	86/05/01
8600203	F291	BR4419	317F	1	7266	86/05/01	86/05/01
8600203	F291	BR4420	317F	1	8870	86/05/01	86/05/01
8600203	F291	BR4421	317F	1	936	86/05/28	86/05/28
8600203	F291	BR4422	317F	1	4102	86/05/01	86/05/01
8600203	F291	BR4423	317F	1	7394	86/05/01	86/05/01

8600203	F291	BR4424	317F	1	260	86/05/30	86/05/30
8600203	F291	BR4425	317F	1	5628	86/05/01	86/05/01
8600203	F291	BR4426	317F	1	1480	86/05/01	86/05/01
8600203	F291	BR4427	317F	1	372	86/05/01	86/05/01
8600203	F291	BR4428	317F	1	5326	86/05/04	86/05/04
8600203	F291	BR4429	317F	1	2640	86/05/20	86/05/20
8600203	F291	BR4430	317F	1	5894	86/05/06	86/05/06
8600203	F291	BR4431	317F	1	2600	86/05/20	86/05/20
8600203	F291	BR4442	317F	1	8846	86/05/01	86/05/01
8600203	F291	BR4443	317F	1	8882	86/05/01	86/05/01
8600203	F291	BR4444	317F	1	8868	86/05/01	86/05/01
8600203	F291	BR4445	317F	1	8822	86/05/01	86/05/01
8600203	F291	BR4446	317F	1	8844	86/05/01	86/05/01
8600203	F291	BR4447	317F	1	1470	86/05/01	86/05/01
8600203	F291	BR4448	317F	1	8762	86/05/01	86/05/01
8600203	F291	BR4449	317F	1	7350	86/05/01	86/05/01
8600203	F291	BR4450	317F	1	1468	86/05/01	86/05/01
8600203	F291	BR4451	317F	1	494	86/05/01	86/05/01
8600203	F291	BR4452	317F	1	488	86/05/01	86/05/01
8600203	F291	BR4453	317F	1	8114	86/05/01	86/05/01
8600203	F291	BR4454	317F	1	7314	86/05/01	86/05/01
8600203	F291	BR4455	317F	1	7368	86/05/01	86/05/01
8600203	F291	BR4456	317F	1	7374	86/05/01	86/05/01
8600203	F291	BR4457	317F	1	7350	86/05/01	86/05/01
8600203	F291	BR4458	317F	1	8858	86/05/01	86/05/01
8600203	F291	BR4459	317F	1	754	86/05/01	86/05/01
8600203	F291	BR4460	317F	1	7368	86/05/01	86/05/01
8600203	F291	BR4461	317F	1	17640	86/05/01	86/05/01
8600203	F291	BR4462	317F	1	8858	86/05/01	86/05/01

(85 rows affected)