

Reference #

BR4189-4206

ACCESSION NUMBER

8600152

F191

DATA DOCUMENTATION FORM

March 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 20235

FORM APPROVED O.M.B. No 0641-0024 EXPIRES 2/29/86

(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

4. PLATFORM NAME(S)  
 —

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

6. PLATFORM AND OPERATOR NATIONALITY(IES)  
 PLATFORM OPERATOR FROM: MO, DAY, YR TO: MO, DAY, YR  
 BUOY USA 03/01/86 03/31/86

7. DATES

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.  
 GENERAL AREA

Reference #

BR 4217-4242

ACCESSION NUMBER

8600152

F191

DATA DOCUMENTATION FORM

March 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 20235

FORM APPROVED O.M.B No 0648-0024 EXPIRES 2/29/87

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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
(Tropical Ocean / Global Atmos. Program)

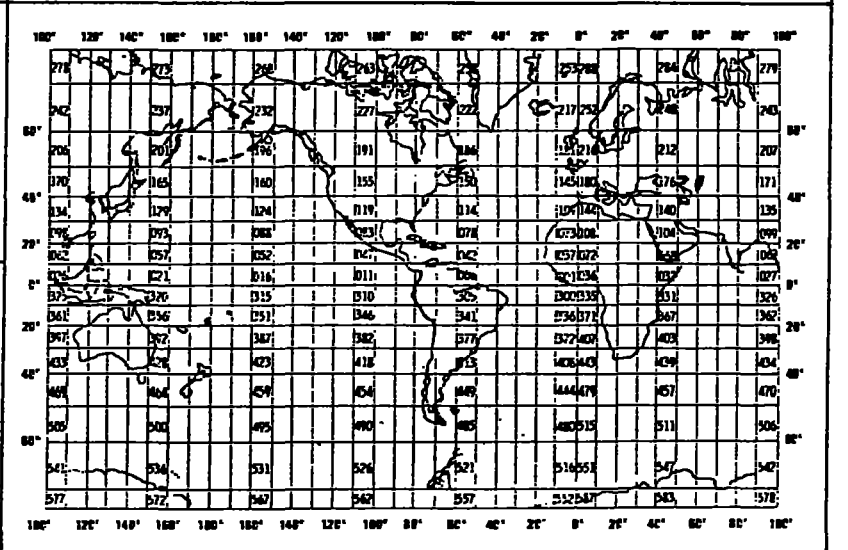
3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

Table with 6 columns: 4. PLATFORM NAME(S), 5. PLATFORM TYPE(S), 6. PLATFORM AND OPERATOR NATIONALITY, 7. DATES. Includes handwritten entries: Buoy, USA, 03/01/86, 03/31/86.

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. Ward-Nolan
FTS-494-1721

Reference #

BR 4253-4290

ACCESSION NUMBER

8600152

F191

DATA DOCUMENTATION FORM

March 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 20235

FORM APPROVED O.M.B. No 0648-0024 EXPIRES 2/29/87

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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.

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 (Tropical Ocean / Global Atmos. Program)

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)  
 PLATFORM: BUOY OPERATOR: USA

7. DATES  
 FROM: MO/PAY/YR TO: MO/DAY/YR  
 03/01/86 03/31/86

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.  
 GENERAL AREA

**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><b>5. RECORDING MODE</b></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><b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p><b>6. NUMBER OF TRACKS (CHANNELS)</b></p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p><b>10. END OF FILE MARK</b></p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p><b>7. PARITY</b></p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p><b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b></p>
<p><b>8. DENSITY</b></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><b>12. PHYSICAL BLOCK LENGTH IN BYTES</b></p> <p align="center">4080</p>
	<p><b>13. LENGTH OF BYTES IN BITS</b></p> <p 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		
<u>DESCRIPTIVE HEADER RECORD</u>					
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
LONG. 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					
<u>ENVIRONMENTAL DATA RECORD</u>					
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 (No. of bits, bytes)	15. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMB.A	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(average) 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	18. USE AND MEANING
		NUMBER	UNITS		
<b>WAVE SPECTRA DATA RECORD (constant'd)</b>					
COUNT	34	1		I1	Number of frequencies on this record Up to 5 Frequency, Resolution, Density fields. Null fields blank Center frequency of interval in Hertz to thousandths Resolution of interval in Hertz to ten-thousandths Spectral Density of interval in m <sup>2</sup> /Hz to thousandths Fill the fixed length record
DATA	35	70		5(2I4,I6)	
Frequency	35, 49, 63	4		I4	
Resolution	77, 91	4		I4	
Density	39, 53, 67	6		I6	
	81, 95				
BLANKS	43, 57, 71	16		16X	
	85, 99				
	105				
<b>SUBSURFACE TEMPERATURE DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant) Yr., Mo., Day of file generation "4" (Subsurface Temperature Data Record) Unique name of observation point Year, Month, Day (GMT) Hours, Minutes (GMT) Up to 10 Depth and temperature fields Obs. level, meters to tenths Degrees Celsius to hundredths (include Sea Surface Temperature) Fill the fixed length record
FILE DATE	4	6		3I2	
RECORD TYPE	10	1		A1	
STATION	11	6		A6	
OBSERVED DATE	17	6		3I2	
OBSERVED TIME	23	4		2I2	
DATA	27	90		10(I5,I4)	
Depth	27, 36, 45	5		I5	
	54, 63, 72				
	81, 90, 99				
Temperature	108	4		I4	
	32, 41, 50				
	59, 68, 77				
	86, 95, 104				
BLANKS	113	4		4X	
	117				
<b>SUBSURFACE DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant) Yr., Mo., Day of file generation "5" (Subsurface Data Record) Unique name of observation point Year, Month, Day (GMT) Hours, Minutes (GMT) Up to 3 Depth, U Component, V Component, Pressure, Conductivity, Salinity fields Obs. Level, meters to tenths
FILE DATE	4	6		3I2	
RECORD TYPE	10	1		A1	
STATION	11	6		A6	
OBSERVED DATE	17	6		3I2	
OBSERVED TIME	23	4		2I2	
DATA	27	90		3(I5,I5,I5 I5,I5,I5)	
Depth	27, 57, 87	5		I5	

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

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



RECORD FORMAT DESCRIPTION

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

RECORD NAME 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>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 corrected 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
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  $F = \text{FREQ(HZ)}$ ,  $A = \text{Azimuth Angle measured clockwise from North to direction wave is from}$ .  $D(F,A) = (1/PI)*((1/2)+R1*\text{COS}(A-A1)+R2*\text{COS}(2*(A-A2)))$ , 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,  $R1 = (\text{SQRT}(A1*A1+B1*B1))/A0$ ,  $R2 = (\text{SQRT}(A2*A2+B2*B2))/A0$ ,  $A1 = \text{ARCTAN}(B1,A1)$ ,  $A2 = (1/2)\text{ARCTAN}(B2,A2) + 0$  or  $PI$ .  $C11S(M^2/M/HZ) = (C22+C33)/(K*K)$  in which  $K$ , the propagation constant, is the solution to  $W*W = G*K*\text{TANH}(K*D)$ , in which  $W = 2*PI*F$ ,  $G = 9.806 \text{ M}/(\text{SEC}*\text{SEC})$ , and  $D$  is mean water depth in meters.

#185/6-5-87



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

May 28, 1987

F360  
DB3:87-067  
SPN:ss

Ms. I. E. Green  
Data Acquisition and Management Branch  
National Oceanographic Data Center  
1825 Connecticut Ave., NW  
Washington, D.C. 20235

Dear Ms. Green:

Enclosed is a rerun of the March 1986 archive data. This rerun corrects all known problems. Please replace the data currently in your files with these data, and previously received tapes. Also enclosed is a list of stations and the inclusive dates that are on the tapes.

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 03018600 03318623  
32302 03018600 03318623  
41001 03018600 03278615  
41002 03268618 03318623  
41004 03018600 03128617  
41006 03018600 03318623  
41007 03018600 03318623  
42001 03018600 03318623  
42002 03018600 03318623  
42003 03018600 03318623  
42007 03018600 03318623  
44004 03018600 03318623  
44005 03018600 03318623  
44007 03018600 03318623  
44008 03018600 03318623  
44009 03058615 03318623  
44012 03018600 03318623  
44013 03018600 03318623

**Tape 2**

46001 03018600 03318623  
46002 03018600 03318623  
46003 03018600 03318623  
46004 03018600 03318623  
46005 03018600 03318623  
46010 03248619 03318623  
46011 03018600 03318623  
46012 03018600 03318623  
46014 03018600 03318623  
46016 03018600 03318623  
46017 03018600 03318623  
46022 03018600 03318623  
46023 03018600 03318623  
46025 03018600 03318623  
46026 03018600 03318623  
46027 03018600 03318623  
46028 03018600 03318623  
46029 03018600 03228620  
46030 03018600 03208600 03248619 03318623  
46035 03018600 03318623  
46125 03018600 03318623  
51001 03018600 03028617  
51002 03018600 03318623  
51003 03018600 03318623  
51004 03018600 03318623  
51005 03018600 03318623

Tape 3

ALRF1 03018600 03318623  
ALSN6 03018600 03318623  
BURL1 03018600 03318623  
BUZM3 03018600 03318623  
CARO3 03018600 03318623  
CHLV2 03018600 03318623  
CLKN7 03018600 03318623  
CSBF1 03018600 03318623  
DBLN6 03018600 03318623  
DESW1 03018600 03318623  
DISW3 03018600 03318623  
DSLN7 03018600 03318623  
FBIS1 03018600 03318623  
FFIA2 03018600 03318623  
FPSN7 03028619 03318612  
GDIL1 03018600 03318623  
GLLN6 03018600 03318623  
IOSN3 03018600 03318623  
LKWF1 03018600 03318623  
MDRM1 03018600 03318623  
MISM1 03018600 03318623  
NWPO3 03018600 03318623  
PILM4 03018600 03318623  
PTAC1 03018600 03318623  
PTAT2 03018600 03318623  
PTGC1 03018600 03318623  
ROAM4 03048622 03318623  
SBI01 03018600 03318623  
SGNW3 03018600 03318623  
SISW1 03018600 03318623  
SJLF1 03018600 03318623  
SPGF1 03018600 03318623  
SRST2 03018600 03318623  
STDM4 03018600 03318623  
SVLS1 03018600 03318623  
TPLM2 03018600 03318623  
TTIW1 03018600 03318623  
WPOW1 03018600 03318623

DATE	STATION ID	POSITIONS		WAVES	STATION TYPE
		LAT.	LONG.		
	32301	10.0	105.0	WA	BUOY
	32302	18.0	85.1	WA	BUOY
	41001	34.9	72.9	N/A	BUOY
	41002	32.3	75.3	WDA	BUOY
	41004	32.4	78.9	WA	BUOY
	41006	29.3	77.3	WDA	BUOY
	41007	34.2	76.5	WA	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
	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	N/A	BUOY
	44012	38.8	74.6	N/A	BUOY
	44013	42.4	70.8	N/A	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	WDA	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
	46029	46.2	124.2	WA	BUOY
	46030	40.4	124.5	N/A	BUOY
	46035	57.0	177.7	WDA	BUOY
	46125	33.8	119.1	DWA	BUOY
	51001	23.4	162.3	WDA	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	N/A	LAND
	CLKN7	34.6	76.5	N/A	LAND
	CSBF1	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
	FBIS1	32.7	79.9	N/A	LAND
	FFIA2	57.3	133.6	N/A	LAND

FPSN7	33.5	77.6	N/A	LAND
GDIL1	29.3	89.9	N/A	LAND
GLLN6	43.9	76.4	N/A	LAND
IOSN3	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
NWFO3	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
RUAM4	47.9	89.3	N/A	LAND
SBIO1	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
WPOW1	47.7	122.4	N/A	LAND



*Plan*

INPUT MEDIUM TAPE <u>TAPE</u> CARD DISK SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> TAPE 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
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE		
A00219		9	1600	odd	N/C	F3	120	4080		
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
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE		

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
1/19/87	0850	0902	C	COMPLETED BY ANDY

F191  
March 86  
1083

OUTPUT TO BE USED AND FUNCTION TO BE PERFORMED

*File on M.T.A. Disc*

*DATA on page*

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

TAPES/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				
PUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE		
	120970		9	1600	odd	12L	FB	120	4050	1	
	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		
PUT	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
49780 044 82	6/14/87	13:43	13:54	C	COMPLETED BY ANDY

*March 86*  
*705*

Wien, d.

6/5/87

127

ATTENTION TO BE USED AND FUNCTION TO BE PERFORMED

Alan

INPUT MEDIUM TAPE <u>TAPE</u> CARD DISK SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM 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
A00001		9	1600	odd	NL	FR	120	4080
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			

LOCAL 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
6/4/87	9:10	09:12	C	COMPLETED BY ANDY

March 86

3073

SUBMITTED  
6-16-87

27

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*Copy to W/ - [unclear] - [unclear] [unclear]*

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				P	D
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	#	F	
120219		9	1600	odd	NZ	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	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	#	F	
1110146		9	1600	odd	NZ	FB	120	4080	1		
SECTOR SIZE    EXCHANGE TYPE    CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)						DATA SET NAME				P	D

SPECIAL INSTRUCTIONS  <i>Procedure BR. Bky 76</i>  <i>Mitch 4189. Dat</i>	ESTIMATED EXECUTION TIME
---	--------------------------

I USE ONLY					
#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRI DISKETTES-USED, CARDS PUNCHED, CARDS KEYVERIF.
1	2/24/87	8:15	10:00	C	COMPLETED BY ANPX

11-10-1003

*Send to Ashville*

5191  
March 5.6  
123

SUBMITTED

1/2-1/1

APPARATUS TO BE USED AND FUNCTION TO BE PERFORMED

*Change + maintenance and repair*

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		
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		
	100220		9	1600	odd	NL	FB	120	4080	1	
INPUT	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		
	W15161		9	1600	odd	NL	FB	120	4080	1	

SPECIAL INSTRUCTIONS

*Procedure B&B 04 81*

ESTIMATED  
EXECUTION  
TIME

*Attach 4217. 210 J*

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
	<del>6/20/87</del>	<del>11:45</del>		C	COMPLETED BY <del>                    </del>
	7/4/87	11:45			

*Cinda + Asheville*

F191  
2023-  
March 31

APPARATUS TO BE USED AND FUNCTION TO BE PERFORMED

Copy to 1/2" tape and scan output

Library # DC2340

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	#
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	#
100221		9	1600	odd	NL	FB	120	4080	1
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	#
108283		9	1600	odd	NL	FB	120	4080	1
SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			

SPECIAL INSTRUCTIONS

Procedure BeBday: 2

Note in 4253 Dat

ESTIMATED  
EXECUTION  
TIME

USER ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRI DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIF
1	02/07/87	11:15	12:15	C	Completed by FC

Send to Asheville

March 8 6  
3.07.5  
F191

ACCESSION NO. 8600152

FILETYPE 191

TRACK NO. DR4253-4290 PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	7/8/87	<del>DD</del>	A00221	1	120	4080	
DUPLICATE TAPE	7/8/87	<del>DD</del> ✓	W05283*	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.)

00428X  
D4253P

ACCESSION NO. 8600152 FILETYPE 191 TRACK NO. BR 4189-4206 PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	7/8/87	(02)	A00219	1	120	4080	
DUPLICATE TAPE <i>there</i>	7/8/87	(02)	W10146 *	1	120	4080	108,410
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

\* Tape is non-label 108410

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

BR4217.



ACCESSION NO. 8600152

FILETYPE 191

TRACK NO. BR4217-4242

PROJECT IDENTIFICATION 706A

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	7/8/87		A00220	1	120	4080	
DUPLICATE TAPE	7/8/87		W112161*	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.)



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

FROM: E/OC13 - A. Picciolo

DATE: JULY 8, 1987

SUBJECT: Data Transfer

F.J.M. / FOR

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

OCEAN STATIONS [C100]

ACC: 8600163 REFERENCE #: 499251 - 9306  
 JODC 1986 1,039 STATIONS 15,243 RECORDS

WIND/WAVE SPECTRA (F191)

ACC: 8600152 REF: BR4189-4206; BR4217 -  
 BR4242; BR4253-4290  
 82 STATIONS 347,854 RECORDS ✓  
 MARCH 1986

DATA PROCESSING BRANCH (E/OC12) XBT's

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
8600152	BR4189	F191		313B	317F	32301	03/01/86	03/31/86	1	7,266
8600152	BR4190	F191		313B	317F	32302	03/01/86	03/31/86	1	7,298
8600152	BR4191	F191		313B	317F	41001	03/01/86	03/27/86	1	1,274
8600152	BR4192	F191		313B	317F	41002	03/26/86	03/31/86	1	1,512
8600152	BR4193	F191		313B	317F	41004	03/01/86	03/12/86	1	5,556
8600152	BR4194	F191		313B	317F	41006	03/01/86	03/31/86	1	8,850
8600152	BR4195	F191		313B	317F	41007	03/01/86	03/31/86	1	14,630
8600152	BR4196	F191		313B	317F	42001	03/01/86	03/31/86	1	7,400
8600152	BR4197	F191		313B	317F	42002	03/01/86	03/31/86	1	7,392
8600152	BR4198	F191		313B	317F	42003	03/01/86	03/31/86	1	7,368
8600152	BR4199	F191		313B	317F	42007	03/01/86	03/31/86	1	4,776
8600152	BR4200	F191		313B	317F	44004	03/01/86	03/31/86	1	8,844
8600152	BR4201	F191		313B	317F	44005	03/01/86	03/31/86	1	7,374
8600152	BR4202	F191		313B	317F	44007	03/01/86	03/31/86	1	7,362
8600152	BR4203	F191		313B	317F	44008	03/01/86	03/31/86	1	7,362
8600152	BR4204	F191		313B	317F	44009	03/05/86	03/31/86	1	1,258
8600152	BR4205	F191		313B	317F	44012	03/01/86	03/31/86	1	1,480
8600152	BR4206	F191		313B	317F	44013	03/01/86	03/31/86	1	1,502

PROCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600152	BR4217	F191		313B	317F	46001	03/01/86	03/31/86	1	8,810
8600152	BR4218	F191		313B	317F	46002	03/01/86	03/31/86	1	8,884
8600152	BR4219	F191		313B	317F	46003	03/01/86	03/31/86	1	8,874
8600152	BR4220	F191		313B	317F	46004	03/01/86	03/31/86	1	8,834
8600152	BR4221	F191		313B	317F	46005	03/01/86	03/31/86	1	8,843
8600152	BR4222	F191		313B	317F	46010	03/24/86	03/29/86	1	1,160
8600152	BR4223	F191		313B	317F	46011	03/01/86	03/31/86	1	8,758
8600152	BR4224	F191		313B	317F	46012	03/01/86	03/31/86	1	7,312
8600152	BR4225	F191		313B	317F	46014	03/01/86	03/31/86	1	7,364
8600152	BR4226	F191		313B	317F	46022	03/01/86	03/31/86	1	8,772
8600152	BR4227	F191		313B	317F	46023	03/01/86	03/31/86	1	7,270
8600152	BR4228	F191		313B	317F	46025	03/01/86	03/31/86	1	7,382
8600152	BR4229	F191		313B	317F	46026	03/01/86	03/31/86	1	7,216
8600152	BR4230	F191		313B	317F	46027	03/01/86	03/31/86	1	7,318
8600152	BR4231	F191		313B	317F	46028	03/01/86	03/31/86	1	8,856
8600152	BR4232	F191		313B	317F	46029	03/01/86	03/22/86	1	5,118
8600152	BR4233	F191		313B	317F	46030	03/01/86	03/31/86	1	1,248
8600152	BR4234	F191		313B	317F	46035	03/01/86	03/31/86	1	7,370
8600152	BR4235	F191		313B	317F	46125	03/01/86	03/31/86	1	17,338
8600152	BR4236	F191		313B	317F	51001	03/01/86	03/02/86	1	480
8600152	BR4237	F191		313B	317F	51002	03/01/86	03/31/86	1	8,882
8600152	BR4238	F191		313B	317F	51003	03/01/86	03/31/86	1	8,868
00152	BR4239	F191		313B	317F	51004	03/01/86	03/31/86	1	8,836
00152	BR4240	F191		313B	317F	51005	03/01/86	03/31/86	1	7,304
8600152	BR4241	F191		313B	317F	CHLV2	03/01/86	03/31/86	1	1,488

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600152	BR4252	F191		313B 317F	46016	03/01/86	03/31/86	1	496
8600152	BR4253	F191		313B 317F	46017	03/01/86	03/31/86	1	478
8600152	BR4254	F191		313B 317F	ALRF1	03/01/86	03/31/86	1	1,480
8600152	BR4255	F191		313B 317F	ALSN6	03/01/86	03/31/86	1	1,482
8600152	BR4256	F191		313B 317F	BURL1	03/01/86	03/31/86	1	1,480
8600152	BR4257	F191		313B 317F	BUZM3	03/01/86	03/31/86	1	1,482
8600152	BR4258	F191		313B 317F	CAR03	03/01/86	03/31/86	1	1,476
8600152	BR4259	F191		313B 317F	CLKN7	03/01/86	03/31/86	1	1,478
8600152	BR4260	F191		313B 317F	CSBF1	03/01/86	03/31/86	1	1,480
8600152	BR4261	F191		313B 317F	DBLN6	03/01/86	03/31/86	1	1,472
8600152	BR4262	F191		313B 317F	DESW1	03/01/86	03/31/86	1	1,478
8600152	BR4263	F191		313B 317F	DISW3	03/01/86	03/31/86	1	1,482
8600152	BR4264	F191		313B 317F	DSLN7	03/01/86	03/31/86	1	2,954
8600152	BR4265	F191		313B 317F	FBIS1	03/01/86	03/31/86	1	1,482
8600152	BR4266	F191		313B 317F	FFIA2	03/01/86	03/31/86	1	1,472
8600152	BR4267	F191		313B 317F	FPSN7	03/02/86	03/31/86	1	1,376
8600152	BR4268	F191		313B 317F	GDIL1	03/01/86	03/31/86	1	1,480
8600152	BR4269	F191		313B 317F	GLLN6	03/01/86	03/31/86	1	1,478
8600152	BR4270	F191		313B 317F	IOSN3	03/01/86	03/31/86	1	1,480
8600152	BR4271	F191		313B 317F	LKWF1	03/01/86	03/31/86	1	1,480
8600152	BR4272	F191		313B 317F	MDRM1	03/01/86	03/31/86	1	1,482
8600152	BR4273	F191		313B 317F	MISM1	03/01/86	03/31/86	1	1,478
8600152	BR4274	F191		313B 317F	NWPO3	03/01/86	03/31/86	1	1,472
8600152	BR4275	F191		313B 317F	PILM4	03/01/86	03/31/86	1	1,480
8600152	BR4276	F191		313B 317F	PTAC1	03/01/86	03/31/86	1	1,480
8600152	BR4277	F191		313B 317F	PTAT2	03/01/86	03/31/86	1	1,480
8600152	BR4278	F191		313B 317F	PTGC1	03/01/86	03/31/86	1	1,454
8600152	BR4279	F191		313B 317F	RDAM4	03/04/86	03/31/86	1	1,276
8600152	BR4280	F191		313B 317F	SBI01	03/01/86	03/31/86	1	1,458
8600152	BR4281	F191		313B 317F	SGNW3	03/01/86	03/31/86	1	1,480
8600152	BR4282	F191		313B 317F	SISW1	03/01/86	03/31/86	1	1,468
8600152	BR4283	F191		313B 317F	SJLF1	03/01/86	03/31/86	1	1,478
8600152	BR4284	F191		313B 317F	SPGF1	03/01/86	03/31/86	1	1,482
8600152	BR4285	F191		313B 317F	SRST2	03/01/86	03/31/86	1	1,486
8600152	BR4286	F191		313B 317F	STDMA	03/01/86	03/31/86	1	1,480
8600152	BR4287	F191		313B 317F	SVLS1	03/01/86	03/31/86	1	1,480
8600152	BR4288	F191		313B 317F	TPLM2	03/01/86	03/31/86	1	1,480
8600152	BR4289	F191		313B 317F	TTIW1	03/01/86	03/31/86	1	1,474
8600152	BR4290	F191		313B 317F	WPOW1	03/01/86	03/31/86	1	1,498

INVENTORY  
Record 18909 on screen  
167408

Record found

DATA ENTRY INFORMATION SYSTEM  
(DATASET INVENTORY)

IEG

OF ENTRY: 07/09/87

REFERENCE NUMBER: BR4242                      ACCESSION NUMBER: 8600152  
FORMER REFERENCE NUMBER:                      FORMER ACCESSION NUMBER:                      (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape                      DINDB CODE 09  
EXCHANGE (FORMAT): E062 - Wave Spectra & Marine Meteorology (F191)  
PROCESSING (FORMAT): F191 - Wave Spectra & Marine Meteorology (F191)

\* NOTE \* If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3138  
PLATFORM (COUNTRY AND PLATFORM CODES): 317F  
PLATFORM TYPE: 3 - Buoy                      DINDB CODE 03

ORIGINATORS FILE ID:                      ORIGINATORS CRUISE ID: 51005  
CRUISE START DATE: 03/01/86              CRUISE END DATE: 03/31/86              Press PgDn  
PROJECT CODE:                              DATA USE CODE (DUC): 3                      to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS:              1              NUMBER OF RECORDS:              7,309

If STA/REC counts are not appropriate then enter -

NUMBER:                                      UNITS:  
AVERAGE REC SIZE:              120              MBYTES:              0.877080

OCEAN AREA

CODE 1:                      MEANING:  
CODE 2:                      MEANING:  
CODE 3:                      MEANING:

DINDB TRACK TRANSACTION GENERATED:      /      /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

## Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8600152	F291	BR4278	9999	313B	317F	1986/03/01	PTGC1	162758
8600152	F291	BR4279	9999	313B	317F	1986/03/04	ROAM4	162759
8600152	F291	BR4280	9999	313B	317F	1986/03/01	SBIO1	162760
8600152	F291	BR4281	9999	313B	317F	1986/03/01	SGNW3	162761
8600152	F291	BR4282	9999	313B	317F	1986/03/01	SISW1	162762
8600152	F291	BR4283	9999	313B	317F	1986/03/01	SJLF1	162763
8600152	F291	BR4284	9999	313B	317F	1986/03/01	SPGF1	162764
8600152	F291	BR4285	9999	313B	317F	1986/03/01	SRST2	162765
8600152	F291	BR4286	9999	313B	317F	1986/03/01	STDMA	162766
8600152	F291	BR4287	9999	313B	317F	1986/03/01	SVLS1	162767
8600152	F291	BR4288	9999	313B	317F	1986/03/01	TPLM2	162768
8600152	F291	BR4289	9999	313B	317F	1986/03/01	TTIW1	162769
8600152	F291	BR4290	9999	313B	317F	1986/03/01	WPOW1	162770
8600152	F291	BR4242	9999	313B	317F	1986/03/01	51005	162771
8600152	F291	BR4189	9999	313B	317F	1986/03/01	32301	162690
8600152	F291	BR4190	9999	313B	317F	1986/03/01	32302	162691
8600152	F291	BR4191	9999	313B	317F	1986/03/01	41001	162692
8600152	F291	BR4192	9999	313B	317F	1986/03/26	41002	162693
8600152	F291	BR4193	9999	313B	317F	1986/03/01	41004	162694
8600152	F291	BR4194	9999	313B	317F	1986/03/01	41006	162695
8600152	F291	BR4195	9999	313B	317F	1986/03/01	41007	162696
8600152	F291	BR4196	9999	313B	317F	1986/03/01	42001	162697
8600152	F291	BR4197	9999	313B	317F	1986/03/01	42002	162698
8600152	F291	BR4198	9999	313B	317F	1986/03/01	42003	162699
8600152	F291	BR4199	9999	313B	317F	1986/03/01	42007	162700
8600152	F291	BR4200	9999	313B	317F	1986/03/01	44004	162701
8600152	F291	BR4201	9999	313B	317F	1986/03/01	44005	162702
8600152	F291	BR4202	9999	313B	317F	1986/03/01	44007	162703
8600152	F291	BR4203	9999	313B	317F	1986/03/01	44008	162704
8600152	F291	BR4204	9999	313B	317F	1986/03/05	44009	162705
8600152	F291	BR4205	9999	313B	317F	1986/03/01	44012	162706
8600152	F291	BR4206	9999	313B	317F	1986/03/01	44013	162707
8600152	F291	BR4217	9999	313B	317F	1986/03/01	46001	162708
8600152	F291	BR4218	9999	313B	317F	1986/03/01	46002	162709
8600152	F291	BR4219	9999	313B	317F	1986/03/01	46003	162710
8600152	F291	BR4220	9999	313B	317F	1986/03/01	46004	162711
8600152	F291	BR4221	9999	313B	317F	1986/03/01	46005	162712
8600152	F291	BR4222	9999	313B	317F	1986/03/24	46010	162713
8600152	F291	BR4223	9999	313B	317F	1986/03/01	46011	162714
8600152	F291	BR4224	9999	313B	317F	1986/03/01	46012	162715
8600152	F291	BR4225	9999	313B	317F	1986/03/01	46014	162716
8600152	F291	BR4226	9999	313B	317F	1986/03/01	46016	162717
8600152	F291	BR4227	9999	313B	317F	1986/03/01	46017	162718
8600152	F291	BR4228	9999	313B	317F	1986/03/01	46022	162719
8600152	F291	BR4229	9999	313B	317F	1986/03/01	46023	162720
8600152	F291	BR4230	9999	313B	317F	1986/03/01	46025	162721
8600152	F291	BR4231	9999	313B	317F	1986/03/01	46026	162722
8600152	F291	BR4232	9999	313B	317F	1986/03/01	46027	162723
8600152	F291	BR4233	9999	313B	317F	1986/03/01	46028	162724
8600152	F291	BR4234	9999	313B	317F	1986/03/01	46029	162725
8600152	F291	BR4235	9999	313B	317F	1986/03/01	46030	162726
8600152	F291	BR4236	9999	313B	317F	1986/03/01	46035	162727
8600152	F291	BR4237	9999	313B	317F	1986/03/01	46125	162728
8600152	F291	BR4238	9999	313B	317F	1986/03/01	51001	162729
8600152	F291	BR4239	9999	313B	317F	1986/03/01	51002	162730
8600152	F291	BR4240	9999	313B	317F	1986/03/01	51003	162731

8600152	F291	BR4241	9999	313B	317F	1986/03/01	51004	162732
8600152	F291	BR4253	9999	313B	317F	1986/03/01	46017	162733
8600152	F291	BR4254	9999	313B	317F	1986/03/01	ALSN6	162734
8600152	F291	BR4255	9999	313B	317F	1986/03/01	BURL1	162735
8600152	F291	BR4256	9999	313B	317F	1986/03/01	BUZM3	162736
8600152	F291	BR4257	9999	313B	317F	1986/03/01	CARO3	162737
8600152	F291	BR4258	9999	313B	317F	1986/03/01	CHLV2	162738
8600152	F291	BR4259	9999	313B	317F	1986/03/01	CLKN7	162739
8600152	F291	BR4260	9999	313B	317F	1986/03/01	CSBF1	162740
8600152	F291	BR4261	9999	313B	317F	1986/03/01	DBLN6	162741
8600152	F291	BR4262	9999	313B	317F	1986/03/01	DESW1	162742
8600152	F291	BR4263	9999	313B	317F	1986/03/01	DISW3	162743
8600152	F291	BR4264	9999	313B	317F	1986/03/01	DSLN7	162744
8600152	F291	BR4265	9999	313B	317F	1986/03/01	FBIS1	162745
8600152	F291	BR4266	9999	313B	317F	1986/03/01	FFIA2	162746
8600152	F291	BR4267	9999	313B	317F	1986/03/02	FPSN7	162747
8600152	F291	BR4268	9999	313B	317F	1986/03/01	GDIL1	162748
8600152	F291	BR4269	9999	313B	317F	1986/03/01	GLLN6	162749
8600152	F291	BR4270	9999	313B	317F	1986/03/01	IOSN3	162750
8600152	F291	BR4271	9999	313B	317F	1986/03/01	LKWF1	162751
8600152	F291	BR4272	9999	313B	317F	1986/03/01	MDRM1	162752
8600152	F291	BR4273	9999	313B	317F	1986/03/01	MISM1	162753
8600152	F291	BR4274	9999	313B	317F	1986/03/01	NWPO3	162754
8600152	F291	BR4275	9999	313B	317F	1986/03/01	PILM4	162755
8600152	F291	BR4276	9999	313B	317F	1986/03/01	PTAC1	162756
8600152	F291	BR4277	9999	313B	317F	1986/03/01	PTAT2	162757

(82 rows affected)



Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
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8600152	F291	BR4280	317F	1	1434	86/03/01	86/03/01
8600152	F291	BR4281	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4282	317F	1	1468	86/03/01	86/03/01
8600152	F291	BR4283	317F	1	1478	86/03/01	86/03/01
8600152	F291	BR4284	317F	1	1482	86/03/01	86/03/01
8600152	F291	BR4285	317F	1	1484	86/03/01	86/03/01
8600152	F291	BR4286	317F	1	1476	86/03/01	86/03/01
8600152	F291	BR4287	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4288	317F	1	1478	86/03/01	86/03/01
8600152	F291	BR4289	317F	1	1474	86/03/01	86/03/01
8600152	F291	BR4290	317F	1	1496	86/03/01	86/03/01
8600152	F291	BR4242	317F	1	7310	86/03/01	86/03/01
8600152	F291	BR4189	317F	1	7252	86/03/01	86/03/01
8600152	F291	BR4190	317F	1	7296	86/03/01	86/03/01
8600152	F291	BR4191	317F	1	1274	86/03/01	86/03/01
8600152	F291	BR4192	317F	1	1512	86/03/26	86/03/26
8600152	F291	BR4193	317F	1	5556	86/03/01	86/03/01
8600152	F291	BR4194	317F	1	8850	86/03/01	86/03/01
8600152	F291	BR4195	317F	1	14620	86/03/01	86/03/01
8600152	F291	BR4196	317F	1	7400	86/03/01	86/03/01
8600152	F291	BR4197	317F	1	7390	86/03/01	86/03/01
8600152	F291	BR4198	317F	1	7368	86/03/01	86/03/01
8600152	F291	BR4199	317F	1	4776	86/03/01	86/03/01
8600152	F291	BR4200	317F	1	8842	86/03/01	86/03/01
8600152	F291	BR4201	317F	1	7316	86/03/01	86/03/01
8600152	F291	BR4202	317F	1	7362	86/03/01	86/03/01
8600152	F291	BR4203	317F	1	7358	86/03/01	86/03/01
8600152	F291	BR4204	317F	1	1258	86/03/05	86/03/05
8600152	F291	BR4205	317F	1	1474	86/03/01	86/03/01
8600152	F291	BR4206	317F	1	1506	86/03/01	86/03/01
8600152	F291	BR4217	317F	1	8806	86/03/01	86/03/01
8600152	F291	BR4218	317F	1	8882	86/03/01	86/03/01
8600152	F291	BR4219	317F	1	8874	86/03/01	86/03/01
8600152	F291	BR4220	317F	1	8832	86/03/01	86/03/01
8600152	F291	BR4221	317F	1	8844	86/03/01	86/03/01
8600152	F291	BR4222	317F	1	1730	86/03/24	86/03/24
8600152	F291	BR4223	317F	1	8754	86/03/01	86/03/01
8600152	F291	BR4224	317F	1	7310	86/03/01	86/03/01
8600152	F291	BR4225	317F	1	7362	86/03/01	86/03/01
8600152	F291	BR4226	317F	1	496	86/03/01	86/03/01
8600152	F291	BR4227	317F	1	472	86/03/01	86/03/01
8600152	F291	BR4228	317F	1	8770	86/03/01	86/03/01
8600152	F291	BR4229	317F	1	7270	86/03/01	86/03/01
8600152	F291	BR4230	317F	1	7380	86/03/01	86/03/01
8600152	F291	BR4231	317F	1	7212	86/03/01	86/03/01
8600152	F291	BR4232	317F	1	7318	86/03/01	86/03/01
8600152	F291	BR4233	317F	1	8856	86/03/01	86/03/01
8600152	F291	BR4234	317F	1	5116	86/03/01	86/03/01
8600152	F291	BR4235	317F	1	1246	86/03/01	86/03/01
8600152	F291	BR4236	317F	1	7368	86/03/01	86/03/01
8600152	F291	BR4237	317F	1	16944	86/03/01	86/03/01
8600152	F291	BR4238	317F	1	480	86/03/01	86/03/01
8600152	F291	BR4239	317F	1	8882	86/03/01	86/03/01
8600152	F291	BR4240	317F	1	8868	86/03/01	86/03/01

8600152	F291	BR4241	317F	1	8836	86/03/01	86/03/01
8600152	F291	BR4253	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4254	317F	1	1482	86/03/01	86/03/01
8600152	F291	BR4255	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4256	317F	1	1482	86/03/01	86/03/01
8600152	F291	BR4257	317F	1	1476	86/03/01	86/03/01
8600152	F291	BR4258	317F	1	1482	86/03/01	86/03/01
8600152	F291	BR4259	317F	1	1462	86/03/01	86/03/01
8600152	F291	BR4260	317F	1	1476	86/03/01	86/03/01
8600152	F291	BR4261	317F	1	1456	86/03/01	86/03/01
8600152	F291	BR4262	317F	1	1474	86/03/01	86/03/01
8600152	F291	BR4263	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4264	317F	1	2952	86/03/01	86/03/01
8600152	F291	BR4265	317F	1	1482	86/03/01	86/03/01
8600152	F291	BR4266	317F	1	1472	86/03/01	86/03/01
8600152	F291	BR4267	317F	1	1374	86/03/02	86/03/02
8600152	F291	BR4268	317F	1	1472	86/03/01	86/03/01
8600152	F291	BR4269	317F	1	1476	86/03/01	86/03/01
8600152	F291	BR4270	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4271	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4272	317F	1	1482	86/03/01	86/03/01
8600152	F291	BR4273	317F	1	1478	86/03/01	86/03/01
8600152	F291	BR4274	317F	1	1470	86/03/01	86/03/01
8600152	F291	BR4275	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4276	317F	1	1480	86/03/01	86/03/01
8600152	F291	BR4277	317F	1	1478	86/03/01	86/03/01

(82 rows affected)