

Reference #

BR 6071-6095

ACCESSION
NUMBER

8700309

F1,1

DATA DOCUMENTATION FORM

AUGUST 1987

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20238FORM APPROVED
O.M.B. No. 41-R2631
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Sallie P. Ward-Nolan NOAA/NATIONAL DATA BUOY CENTER NSTL Station, MS 39529			
2. EDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED TOGA		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
4. PLATFORM NAME(S) —	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) Buoy USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 08/01/87 08/31/87
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING THIS DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Sallie P. Nolan FTS-494-1721			

Reference #

BR6096-6125

ACCESSION NUMBER

8700309

F111

DATA DOCUMENTATION FORM

AUGUST 1987

NOAA FORM 24-13 (4-77)

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

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED
Sallie P. Ward-Nolan
NOAA/NATIONAL DATA BUOY CENTER
NSTL Station, MS 39529

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

TOGA

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

4. PLATFORM NAME(S)

-

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

Buoy

6. PLATFORM AND OPERATOR NATIONALITY(IES)

Buoy

USA

7. DATES

FROM: 08/01/87 TO: 08/31/87

8. ARE DATA PROPRIETARY?

[X] NO [] YES

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

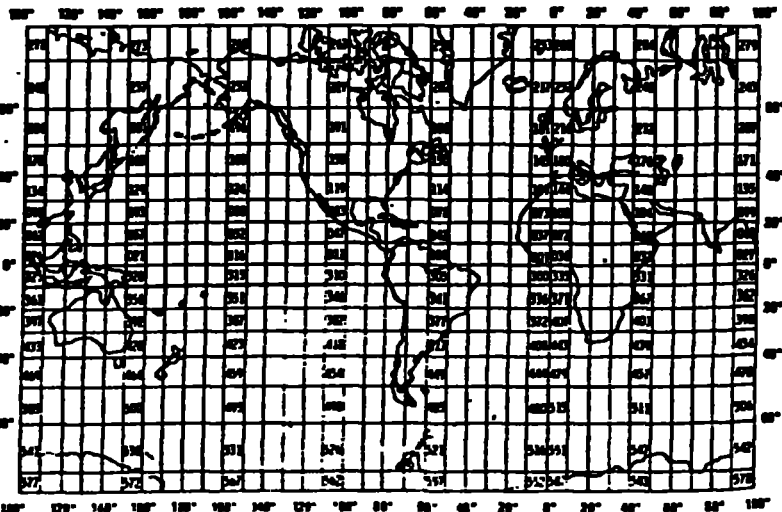
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

[X] NO [] YES [] PART (SPECIFY BELOW)

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

GENERAL AREA



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

Sallie P. NOLAN

FTS-494-1721

Reference #

BR6126-6165

ACCESSION
NUMBER

8700309

DATA DOCUMENTATION FORM

AUGUST 1987

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2631
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Sallie P. Ward-NOLAN NOAA/NATIONAL DATA BUOY CENTER NSTL Station, MS 39529				3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED TOGA				4. PLATFORM NAME(S) —			
5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) BUOY		6. PLATFORM AND OPERATOR NATIONALITY(IES) BUOY USA		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 08/01/87 08/31/87			
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA					
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		10. PERSON TO WHOM INQUIRIES CONCERNING THIS DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Sallie P. NOLAN FTS-494-1721					

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

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
 AND METHOD OF IDENTIFYING EACH RECORD TYPE

Record type "1" (position 10) is Descriptive. The file, platform location, sampling and originator are described.
 Record type "2" is Environmental Data. File keys are included along with meteorology and wave conditions.
 Record type "3" is Wave Spectra Data.
 Record type "4" is Subsurface Temperature Data.
 Record type "5" is other Subsurface Data.
 Record type "6" is Co and Quad Spectra for Directional Waves.
 Record type "7" is Angular Fourier Coefficients for Directional Waves.
 Record type "8" is Directional Wave Data.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for file organization description]

3. ATTRIBUTES AS EXPRESSED IN PL-I 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, V.-LINE 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>4080</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 00m, by no)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
DESCRIPTIVE HEADER RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		312	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"1" Descriptive header record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		212	Hours, Minutes (GMT)
LATITUDE	27	6		312	Degrees, Minutes, Seconds
LAT. HEMISPHERE	33	1		A1	"N" or "S" Hemisphere
LONGITUDE	34	7		13, 212	Degrees, Minutes, Seconds
LON. HEMISPHERE	41	1		A1	"E" or "W" Hemisphere
BOTTOM DEPTH	42	5		I5	Meters to tenths
MAGNETIC VARIATION	47	4		I4	Whole degrees from true north (signed value)
BUOY HEADING*	51	3		I3	Whole degrees from true north
WAVE SAMPLING RATE*	54	4		I4	Original measurements per minute to tenths
WAVE SAMPLING DURATION*	58	4		I4	Minutes to hundredths
WAVE TOTAL INTERVALS*	62	3		I3	Number of frequency intervals
CHIEF SCIENTIST	65	20		A20	(optional)
INSTITUTION	85	20		A20	Data source
WIND SAMPLING DURATION	105	3		I3	Minutes to tenths
COMMENTS	108	13		A13	
*for buoy data only					
ENVIRONMENTAL DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		312	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"2" (environmental data rec.)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		212	Hours, Minutes (GMT)
ALTITUDE	27	3		I3	Meteorology alt., meters to tenths
AIR TEMP	30	4		I4	Temperature, Celsius to tenths
DEW POINT	34	4		I4	Temperature, Celsius to tenths
BAROMETER	38	5		I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4		I4	Meters/sec. to hundredths
WIND DIRECTION	47	4		I4	From true north, degrees to tenths
WEATHER	51	1		I1	Current weather (WMO Code 450!)
VISIBILITY	52	3..		I3	Nautical miles, to tenths

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <small>(e.g. km, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
PRECIPITATION	55	4		14	Accumulation in millimeters
SOLAR RADIATION	59	3		13	Langleys/minute to hundredths - wave length less than 3.6
SOLAR RADIATION	62	3		13	Langleys/minute to hundredths wave length from 4.0 to 50 microns
SIGNIFICANT WAVE HEIGHT	65	3		13	Meters to tenths, corrected for low frequency noise, etc.
AVERAGE WAVE PERIOD	68	3		13	Seconds to tenths
DOMINANT WAVE DIRECTION	71	3		13	Direction of predominant waves in whole degrees from true N
HIGHEST CREST	74	3		13	Meters to tenths, from reference level
DEEPEST TROUGH	77	3		13	Meters to tenths, from reference level
SEA SURFACE TEMPERATURE	80	4		14	Temperature Celsius to hundredths
SEA SURFACE SALINITY	84	5		15	Parts per thousand to thousandths
CONDUCTIVITY	89	5		15	Millimhos/cm to thousandths
DOMINANT WAVE PERIOD	94	3		13	Seconds to tenths
MAXIMUM WAVE HEIGHT	97	3		13	Meters to tenths
MAXIMUM WAVE STEEPNESS	100	3		13	To be defined
WIND GUST	103	4		14	Meters/sec. to hundredths
WIND GUST (avg. pd.) AVERAGING PERIOD	107	2		12	Seconds
WIND GUST	109	4		14	Meters/sec. to hundredths
WIND GUST	113	2		12	Seconds
WIND SPEED (58 min. average)	115	3		13	Meters/sec. to tenths whole degrees
WIND DIRECTION (58 min. average)	118	3		13	Whole degrees
WAVE SPECTRA DATA RECORD					
FILE TYPE	1	3		A3	"19:" (constant)
FILE DATE	4	6		312	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		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		212	Hours, Minutes (GMT)
INTERVALS PER DIRECTION	27	3		13	Zero for non-directional spectra, or total number of frequencies in this direction
DIRECTION	30	4		14	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 (to 0.01m, by 20')	16. LENGTH		17. ATTRIB. YES	18. USE AND MEANING
		NUMBER	UNITS		
WAVE SPECTRA DATA RECORD (cont'd)					
COUNT	34	1		11	Number of frequencies on this record
DATA	35	70		5(214,16)	Up to 5 Frequency, Resolution, Density fields. Null fields blank
Frequency	35, 49, 63 77, 91	4		14	Center frequency of interval in Hertz to thousandths
Resolution	39, 53, 67 81, 95	4		14	Resolution of interval in Hertz to ten-thousandths
Density	43, 57, 71 85, 99	6		16	Spectral Density of interval in m ² /Hz to thousandths
BLANKS	105	16		16X	Fill the fixed length record
SUBSURFACE TEMPERATURE DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		312	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"4" (Subsurface Temperature Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		312	Hours, Minutes (GMT)
DATA	27	90		10(15,14)	Up to 10 Depth and temperature fields
Depth	27, 36, 45 54, 63, 72 81, 90, 99 108	5		15	Obs. level, meters to tenths
Temperature	32, 41, 50 59, 68, 77 86, 95, 104 113	4		14	Degrees Celsius to hundredths (include Sea Surface Temperature)
BLANKS	117	4		4X	Fill the fixed length record
SUBSURFACE DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		312	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"5" (Subsurface Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		312	Year, Month, Day (GMT)
OBSERVED TIME	23	4		212	Hours, Minutes (GMT)
DATA	27	90		3(15,15,15 15,15,15)	Up to 3 Depth, U Component, V Component, Pressure, Conductivity, Salinity fields
Depth	27, 57, 87	5		15	Obs. Level, meters to tenths

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <small>(e.g. Meters)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
SUBSURFACE DATA RECORD (cont'd)					
U Component	02, 62, 92	5		15	East vector in cm/sec. to tenths True north vector in cm/sec. to tenths Kg./cm ² to hundredths Milli-mhos/cm to thousandths Parts per 1000 to thousandths Fill the fixed length record
V Component	07, 67, 97	5		15	
Pressure	42, 72, 102	5		15	
Conductivity	47, 77, 107	5		15	
Salinity	52, 82, 112	5		15	
BLANKS	117	4		4X	

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (N. of 0th byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	13	Always "191" Blank - for use by NODC Always "6" Unique name of observation point Year, month, day (GMT) Hours, minutes (GMT) Center frequency of interval in Hz to .001 Spectral resolution of this frequency band in Hz to ten thousandths Up to 9 <u>uncorrected</u> values of Co and Quad spectra in meters squared/Hz. The order these spectra are presented is: C ₁₁ , C ₂₂ , C ₃₃ , C ₁₂ , Q ₁₂ , C ₁₃ , Q ₁₃ , C ₂₃ , and Q ₂₃
BLANK	4	6	Bytes	6x	
RECORD TYPE	10	1	Bytes	A1	
STATION NUMBER	11	6	Bytes	A6	
OBSERVED DATE	17	6	Bytes	312	
OBSERVED TIME	23	4	Bytes	212	
FREQUENCY	27	4	Bytes	14	
SPECTRAL RESOLUTION	31	5	Bytes	15	
CO-SPECTRA C ₁₁	36	6	Bytes	Signed Integers 16	
EXONENT	42	2	Bytes	12	
CO-SPECTRA C ₂₂	44	6	Bytes	16	
EXONENT	50	2	Bytes	12	
CO-SPECTRA C ₃₃	52	6	Bytes	16	
EXONENT	58	2	Bytes	12	
CO-SPECTRA C ₁₂	60	6	Bytes	16	
EXONENT	66	2	Bytes	12	
QUAD-SPECTRA Q ₁₂	68	6	Bytes	16	
EXONENT	74	2	Bytes	12	
CO-SPECTRA C ₁₃	76	6	Bytes	16	
EXONENT	82	2	Bytes	12	
QUAD-SPECTRA Q ₁₃	84	6	Bytes	16	
EXONENT	90	2	Bytes	12	
CO-SPECTRA C ₂₃	92	6	Bytes	16	
EXONENT	98	2	Bytes	12	
QUAD-SPECTRA Q ₂₃	100	6	Bytes	16	
EXONENT	106	2	Bytes	12	
C ₂₂ - C ₃₃	108	6	Bytes	16	
EXONENT	114	2	Bytes	12	
BLANKS	116	5	Bytes	5x	

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 07h, 07m)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	13	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "7"
STATION NUMBER	11	6	Bytes	A6	Same as "1" -
OBSERVED DATE	17	6	Bytes	312	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	212	Hour, minutes (GMT)
FREQUENCY	27	4	Bytes	14	Center frequency of interval Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	15	Spectral resolution of this frequency band in Hz to ten thousandths
ANGULAR FOURIER	36	6	Bytes	signed integers 16	Up to 9 <u>corrected</u> values of the angular fourier coefficients in meters ² /Hz. The order of these coefficients is: a ₀ , a ₁ , b ₁ , a ₂ , b ₂ , a ₃ , b ₃ , a ₄ , b ₄
EXPONENT	42	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	44	6	Bytes	16	
EXPONENT	50	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	52	6	Bytes	16	
EXPONENT	58	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	60	6	Bytes	16	
EXPONENT	66	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	68	6	Bytes	16	
EXPONENT	74	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	76	6	Bytes	16	
EXPONENT	82	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	84	6	Bytes	16	
EXPONENT	90	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	92	6	Bytes	16	
EXPONENT	98	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	100	6	Bytes	16	
EXPONENT	106	2	Bytes	12	
MEAN WAVE DIRECTION	108	3	Bytes	13	Mean wave direction given by $\arctan b_1/a_1$ in whole degrees from true north (opt. entry)
BLANKS	111	10	Bytes	10X	Blanks

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

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

USER NAME <i>Wain, Jack</i>	PHONE # <i>1-93-5645</i>	ORG/TASK # <i>SN3A H9</i>	DATE SUBMITTED <i>10-6-87</i>	DATE DUE	BIN # <i>27</i>
EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED					

Scan

INPUT MEDIUM PAPER -- CARD DISK <u>TAPE</u> DISKETTE 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	# OF FILES
INPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>A.06576</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4080</i>	<i>1</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
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D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>107000002</i>	<i>10/06/87</i>	<i>09:30</i>	<i>09:35</i>	<i>C</i>	<i>COMPLETED BY J.S</i>

COMMENTS

Aug. 87
107000002
F195

USER NAME <i>Green, Irish</i>	PHONE # <i>675-5643</i>	ORG/TASK # <i>8N3AH9</i>	DATE SUBMITTED <i>10-6-87</i>	DATE DUE	BIN # <i>27</i>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

PC

INPUT MEDIUM PAPER -- CARD -- DISK -- <u>TAPE</u> DISKETTE 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	# OF FILES	
INPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME					PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	<i>A06577</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4080</i>	<i>1</i>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME					PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME					PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>8710061053</i>	<i>10/06/87</i>	<i>09:35</i>	<i>09:40</i>	<i>C</i>	<i>COMPLETED BY J.S</i>

COMMENTS

Aug. 87
203
F191

USER NAME <i>J. S.</i>	PHONE # <i>673 5643</i>	ORG/TASK # <i>8 N3A H4</i>	DATE SUBMITTED <i>10-6-87</i>	DATE DUE	BIN # <i>37</i>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

Scan

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

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>100578</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>RL</i>	<i>FB</i>	<i>120</i>	<i>4050</i>	<i>1</i>
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>57-55264</i>	<i>10/06/87</i>	<i>09:45</i>	<i>09:50</i>	<i>C</i>	<i>COMPLETED BY J.S</i>

COMMENTS

Aug. 87
307-3
F191

USER NAME <i>H. Lewis, Jr.</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>10-6-87</i>	DATE DUE <i>11/11/87</i>	BIN # <i>27</i>
EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED					

Copy to 'W' tape and clean output

INPUT MEDIUM PAPER <input type="checkbox"/> CARD <input type="checkbox"/> DISK <input type="checkbox"/> <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD <input type="checkbox"/> DISK <input type="checkbox"/> <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
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TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>A0057L</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>
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>W03369</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>

SPECIAL INSTRUCTIONS

Procedure BR BUCY 20

ESTIMATED
EXECUTION
TIME

Mitch 6071.Dart

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>27106601</i>	<i>10/07/87</i>	<i>0840</i>	<i>11:00</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

COMMENTS

Send to Asheville

Aug. 87

10.3

F191

ASP FACILITIES REQUEST FORM

USER NAME <i>Green, Linda</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>10-7-87</i>	DATE DUE <i>ASAP</i>	BIN # <i>2.7</i>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

Copy to 'U' tape and scan output

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

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>A00577</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4080</i>	<i>1</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>1.103452</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4080</i>	<i>1</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS

Procedure BRBU04 22

ESTIMATED
EXECUTION
TIME

Match 6096. Dat

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>571010</i>	<i>10/18/87</i>	<i>11:24</i>	<i>11:30</i>	<i>(0)</i>	<i>COMPLETED BY JS.</i>

COMMENTS

Asheville

10/27

ADP FACILITIES REQUEST FORM

USER NAME <i>Wien, Irish</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>10-7-87</i>	DATE DUE <i>ADAF</i>	BIN # <i>27</i>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

Copy to 'u' tape and clean output

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

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>AC0578</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				PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	<i>W0472</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				PURGE DATE

SPECIAL INSTRUCTIONS

Procedure BRBU04 23

ESTIMATED
EXECUTION
TIME

Match 6126. Dat

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>PTD-04</i>	<i>10/13/87</i>	<i>1344</i>	<i>1430</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

COMMENTS

Send to Asheville.

Aug 17

ACCESSION NO. 8700309

FILETYPE F191

TRACK NO. BR6071-6095

PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	10-14-87	<i>(initials)</i>	A00576	1	120	4080	
DUPLICATE TAPE	10-14-87	<i>(initials)</i>	W03363*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
PD75 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.)

01918

ACCESSION NO. B700309

FILETYPE F191

TRACK NO. BRL6096-6125

PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	10-14-87	<u>(Jes)</u>	A00577	1	120	4080	
DUPLICATE TAPE	10-14-87	<u>(Jes)</u>	W03986*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR FO22							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

**Tape is non-label*

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8700309

FILETYPE F191

TRACK NO. BR 6126-6165

PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	10-14-87	(SES)	A00578	1	120	4080	
DUPLICATE TAPE	10-14-87	(SES)	W04142*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR FO22							
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.)



#299/10-05-87
U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Data Buoy Center
NSTL, Mississippi 39529

September 30, 1987

SPN:mn

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

Dear Ms. Green

Here are the August 1987 9TK, 1600 BPI NDBC archive tapes recorded in the 191 tape format. Also enclosed is a list of stations and inclusive dates for each tape.

If you have any questions, please call B. G. Redmon at FTS 494-2834, or commercial (601) 688-2834.

Sincerely,

Sallie P. Nolan

Sallie P. Nolan
ADP Manager

Enclosures (2)
(1) Tapes
(2) List



Attachment

Tape 1: 32302 08018700-08318723
41001 08228700-08318723
41002 08018700-08318723
41006 08018700-08318723
42001 08018700-08318723
42002 08018700-08318723
42003 08018700-08318723
42007 08018700-08318723
42015 08018700-08318723
44004 08018700-08318723
44005 08018700-08318723
44007 08018700-08318723
44008 08018700-08318723
44009 08018700-08318723
44011 08018700-08318723
44012 08018700-08318723
44013 08018700-08228708
45001 08018700-08318723
45002 08018700-08318723
45003 08018700-08318723
45004 08018700-08318723
45005 08018700-08318723
45006 08018700-08178722
45007 08018700-08318723
45008 08018700-08318723

Tape 2: 46001 08018700-08318723
46002 08018700-08318723
46003 08018700-08318723
46004 08018700-08318723
46005 08018700-08318723
46006 08018700-08318723
46010 08018700-08318723
46011 08018700-08318723
46012 08018700-08318723
46013 08018700-08318723
46014 08018700-08318723
46016 08018700-08318723
46017 08018700-08318723
46022 08018700-08318723
46023 08018700-08318723
46025 08018700-08278710
46027 08018700-08218718
46028 08018700-08318723
46035 08278708-08318723
46036 08018700-08318723
46039 08018700-08318723
46040 08018700-08318723
46041 08018700-08318723

46042 08018700-08118708
46043 08018700-08318723
51001 08018700-08318723
51002 08018700-08318723
51003 08018700-08318723
51004 08018700-08318723
51005 08018700-08318723

Tape 3 : ALRF1 08018700-08318723
ALSN6 08018700-08318723
BURL1 08018700-08318723
BUZM3 08018700-08318723
CARO3 08018700-08318723
CHLV2 08018700-08318723
CLKN7 08018700-08318723
CSBF1 08018700-08318723
DBLN6 08018700-08318723
DESW1 08018700-08318723
DISW3 08018700-08318723
DPIA1 08018700-08318723
DSLN7 08018700-08318723
FBIS1 08018700-08318723
FFIA2 08018700-08318723
FPSN7 08018700-08318723
GDIL1 08018700-08318723
GLLN6 08018700-08318723
IOSN3 08018700-08318723
LKWF1 08018700-08318723
MDRM1 08018700-08318723
MISM1 08018700-08318723
NWPO3 08018700-08318723
PILM4 08018700-08318723
PTAC1 08018700-08318723
PTAT2 08018700-08248703
PTGC1 08018700-08318723
ROAM4 08018700-08318723
SAUF1 08018700-08318723
SBIO1 08018700-08318723
SGNW3 08018700-08318723
SISW1 08018700-08318723
SPGF1 08018700-08128718 08218716-08318723
SRST2 08018700-08318723
STDM4 08018700-08318723
SVLS1 08078719-08318723
TPLM2 08018700-08318723
TTIW1 08018700-08318723
YENF1 08018700-08318723
WPOW1 08018700-08318723

8700309

TO: E/OC12 - C. Noe
E/OC11 - P. Hadsell
FROM: E/OC13 - A. Picciolo
DATE: November 12, 1987
SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

DATA ARCHIVE AND INVENTORIES BRANCH (E/OC11)

WIND/WAVE SPECTRA (F191)

[Acc: 8700309 Ref: BR6071 - 6165 95 stations 429,352 records]
AUGUST 1987

CURRENT METERS (F015)


Acc: 8700085 Ref: TT8215 - 8262 48 stations 426,020 records
OREGON STATE U. IDOE/ISOS

cc: Division Director ←

TO: E/OC12 - C. Noe
E/OC11 - P. Hadsell ←
FROM: E/OC13 - A. Picciolo
DATE: November 12, 1987
SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

DATA ARCHIVE AND INVENTORIES BRANCH (E/OC11)

 WIND/WAVE SPECTRA (F191)
Acc: 8700309 Ref: BR6071 - 6165 95 stations 429,352 records
AUGUST 1987

CURRENT METERS (F015)
Acc: 8700085 Ref: TT8215 - 8262 48 stations 426,020 records
OREGON STATE U. IDOE/ISOS

cc: Division Director

ESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8700309	BR6071	F191		313B	317F	32302	08/01/87	08/31/87	1	7,224
8700309	BR6072	F191		313B	317F	41001	08/22/87	08/31/87	1	2,880
8700309	BR6073	F191		313B	317F	41002	08/01/87	08/31/87	1	8,918
8700309	BR6074	F191		313B	317F	41006	08/01/87	08/31/87	1	8,888
8700309	BR6075	F191		313B	317F	42001	08/01/87	08/31/87	1	2,480
8700309	BR6076	F191		313B	317F	42002	08/01/87	08/31/87	1	7,440
8700309	BR6077	F191		313B	317F	42003	08/01/87	08/31/87	1	7,406
8700309	BR6078	F191		313B	317F	42007	08/01/87	08/31/87	1	6,534
8700309	BR6079	F191		313B	317F	42015	08/01/87	08/31/87	1	1,486
8700309	BR6080	F191		313B	317F	44004	08/01/87	08/31/87	1	8,896
8700309	BR6081	F191		313B	317F	44005	08/01/87	08/31/87	1	8,896
8700309	BR6082	F191		313B	317F	44007	08/01/87	08/31/87	1	7,392
8700309	BR6083	F191		313B	317F	44008	08/01/87	08/31/87	1	7,420
8700309	BR6084	F191		313B	317F	44009	08/01/87	08/31/87	1	7,360
8700309	BR6085	F191		313B	317F	44011	08/01/87	08/31/87	1	8,918
8700309	BR6086	F191		313B	317F	44012	08/01/87	08/31/87	1	6,992
8700309	BR6087	F191		313B	317F	44013	08/01/87	08/22/87	1	5,040
8700309	BR6088	F191		313B	317F	45001	08/01/87	08/31/87	1	7,206
8700309	BR6089	F191		313B	317F	45002	08/01/87	08/31/87	1	7,370
8700309	BR6090	F191		313B	317F	45003	08/01/87	08/31/87	1	7,414
8700309	BR6091	F191		313B	317F	45004	08/01/87	08/31/87	1	7,316
0309	BR6092	F191		313B	317F	45005	08/01/87	08/31/87	1	7,390
0309	BR6093	F191		313B	317F	45006	08/01/87	08/17/87	1	3,960
8700309	BR6094	F191		313B	317F	45007	08/01/87	08/31/87	1	7,400
8700309	BR6095	F191		313B	317F	45008	08/01/87	08/31/87	1	7,434

ESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8700309	BR6096	F191		313B	317F	46001	08/01/87	08/31/87	1	8,916
8700309	BR6097	F191		313B	317F	46002	08/01/87	08/31/87	1	8,906
8700309	BR6098	F191		313B	317F	46003	08/01/87	08/31/87	1	8,906
8700309	BR6099	F191		313B	317F	46004	08/01/87	08/31/87	1	8,918
8700309	BR6100	F191		313B	317F	46005	08/01/87	08/31/87	1	8,862
8700309	BR6101	F191		313B	317F	46006	08/01/87	08/31/87	1	7,364
8700309	BR6102	F191		313B	317F	46010	08/01/87	08/31/87	1	7,416
8700309	BR6103	F191		313B	317F	46011	08/01/87	08/31/87	1	7,390
8700309	BR6104	F191		313B	317F	46012	08/01/87	08/31/87	1	7,390
8700309	BR6105	F191		313B	317F	46013	08/01/87	08/31/87	1	7,408
8700309	BR6106	F191		313B	317F	46014	08/01/87	08/31/87	1	6,674
8700309	BR6107	F191		313B	317F	46016	08/01/87	08/31/87	1	494
8700309	BR6108	F191		313B	317F	46017	08/01/87	08/31/87	1	492
8700309	BR6109	F191		313B	317F	46022	08/01/87	08/31/87	1	8,842
8700309	BR6110	F191		313B	317F	46023	08/01/87	08/31/87	1	7,432
8700309	BR6111	F191		313B	317F	46025	08/01/87	08/27/87	1	5,780
8700309	BR6112	F191		313B	317F	46027	08/01/87	08/21/87	1	4,864
8700309	BR6113	F191		313B	317F	46028	08/01/87	08/31/87	1	8,872
8700309	BR6114	F191		313B	317F	46035	08/27/87	08/31/87	1	1,120
8700309	BR6115	F191		313B	317F	46036	08/01/87	08/31/87	1	8,878
8700309	BR6116	F191		313B	317F	46039	08/01/87	08/31/87	1	7,046
0309	BR6117	F191		313B	317F	46040	08/01/87	08/31/87	1	7,422
0309	BR6118	F191		313B	317F	46041	08/01/87	08/31/87	1	7,406
8700309	BR6119	F191		313B	317F	46042	08/01/87	08/11/87	1	478
8700309	BR6120	F191		313B	317F	46043	08/01/87	08/31/87	1	1,488
8700309	BR6121	F191		313B	317F	51001	08/01/87	08/31/87	1	8,906
8700309	BR6122	F191		313B	317F	51002	08/01/87	08/31/87	1	8,866
8700309	BR6123	F191		313B	317F	51003	08/01/87	08/31/87	1	8,834
8700309	BR6124	F191		313B	317F	51004	08/01/87	08/31/87	1	8,836
8700309	BR6125	F191		313B	317F	51005	08/01/87	08/31/87	1	7,350

ESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8700309	BR6126	F191		313B	317F	ALRF1	08/01/87	08/31/87	1	1,484
8700309	BR6127	F191		313B	317F	ALSN6	08/01/87	08/31/87	1	1,488
8700309	BR6128	F191		313B	317F	BURL1	08/01/87	08/31/87	1	1,486
8700309	BR6129	F191		313B	317F	BUZM3	08/01/87	08/31/87	1	1,484
8700309	BR6130	F191		313B	317F	CAR03	08/01/87	08/31/87	1	1,484
8700309	BR6131	F191		313B	317F	CHLV2	08/01/87	08/31/87	1	1,484
8700309	BR6132	F191		313B	317F	CLKN7	08/01/87	08/31/87	1	1,444
8700309	BR6133	F191		313B	317F	CSBF1	08/01/87	08/31/87	1	1,484
8700309	BR6134	F191		313B	317F	DBLN6	08/01/87	08/31/87	1	1,484
8700309	BR6135	F191		313B	317F	DESW1	08/01/87	08/31/87	1	1,486
8700309	BR6136	F191		313B	317F	DISW3	08/01/87	08/31/87	1	1,488
8700309	BR6137	F191		313B	317F	DP1A1	08/01/87	08/31/87	1	1,486
8700309	BR6138	F191		313B	317F	DBLN7	08/01/87	08/31/87	1	1,486
8700309	BR6139	F191		313B	317F	FB1B1	08/01/87	08/31/87	1	1,484
8700309	BR6140	F191		313B	317F	FFIA2	08/01/87	08/31/87	1	1,488
8700309	BR6141	F191		313B	317F	FPSN7	08/01/87	08/31/87	1	1,486
8700309	BR6142	F191		313B	317F	GDIL1	08/01/87	08/31/87	1	1,488
8700309	BR6143	F191		313B	317F	GLLN6	08/01/87	08/31/87	1	1,430
8700309	BR6144	F191		313B	317F	IOSN3	08/01/87	08/31/87	1	1,488
8700309	BR6145	F191		313B	317F	LKWF1	08/01/87	08/31/87	1	1,484
8700309	BR6146	F191		313B	317F	MDRM1	08/01/87	08/31/87	1	1,488
0309	BR6147	F191		313B	317F	MISM1	08/01/87	08/31/87	1	1,488
0309	BR6148	F191		313B	317F	NWPO3	08/01/87	08/31/87	1	1,482
8700309	BR6149	F191		313B	317F	PILM4	08/01/87	08/31/87	1	1,486
8700309	BR6150	F191		313B	317F	PTAC1	08/01/87	08/31/87	1	1,488
8700309	BR6151	F191		313B	317F	PTAT2	08/01/87	08/24/87	1	1,110
8700309	BR6152	F191		313B	317F	PTGC1	08/01/87	08/31/87	1	1,488
8700309	BR6153	F191		313B	317F	RDAM4	08/01/87	08/31/87	1	1,486
8700309	BR6154	F191		313B	317F	SAUF1	08/01/87	08/31/87	1	1,486
8700309	BR6155	F191		313B	317F	SB101	08/01/87	08/31/87	1	1,420
8700309	BR6156	F191		313B	317F	SGNW3	08/01/87	08/31/87	1	1,488
8700309	BR6157	F191		313B	317F	SISW1	08/01/87	08/31/87	1	1,484
8700309	BR6158	F191		313B	317F	SPGF1	08/01/87	08/31/87	1	1,040
8700309	BR6159	F191		313B	317F	SRST2	08/01/87	08/31/87	1	1,486
8700309	BR6160	F191		313B	317F	STDMA	08/01/87	08/31/87	1	1,488
8700309	BR6161	F191		313B	317F	SVLB1	08/07/87	08/31/87	1	1,162
8700309	BR6162	F191		313B	317F	TPLM2	08/01/87	08/31/87	1	1,484
8700309	BR6163	F191		313B	317F	TTIW1	08/01/87	08/31/87	1	1,482
8700309	BR6164	F191		313B	317F	VENF1	08/01/87	08/31/87	1	1,470
8700309	BR6165	F191		313B	317F	WPCW1	08/01/87	08/31/87	1	1,488

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8700309	F291	BR6072	9999	313B	317F	1987/08/22	41001	173162
8700309	F291	BR6073	9999	313B	317F	1987/08/01	41002	173163
8700309	F291	BR6074	9999	313B	317F	1987/08/01	41006	173164
8700309	F291	BR6075	9999	313B	317F	1987/08/01	42001	173165
8700309	F291	BR6076	9999	313B	317F	1987/08/01	42002	173166
8700309	F291	BR6077	9999	313B	317F	1987/08/01	42003	173167
8700309	F291	BR6078	9999	313B	317F	1987/08/01	42007	173168
8700309	F291	BR6079	9999	313B	317F	1987/08/01	42015	173169
8700309	F291	BR6080	9999	313B	317F	1987/08/01	44004	173170
8700309	F291	BR6081	9999	313B	317F	1987/08/01	44005	173171
8700309	F291	BR6082	9999	313B	317F	1987/08/01	44007	173172
8700309	F291	BR6083	9999	313B	317F	1987/08/01	44008	173173
8700309	F291	BR6084	9999	313B	317F	1987/08/01	44009	173174
8700309	F291	BR6085	9999	313B	317F	1987/08/01	44011	173175
8700309	F291	BR6086	9999	313B	317F	1987/08/01	44012	173176
8700309	F291	BR6087	9999	313B	317F	1987/08/01	44013	173177
8700309	F291	BR6088	9999	313B	317F	1987/08/01	45001	173178
8700309	F291	BR6089	9999	313B	317F	1987/08/01	45002	173179
8700309	F291	BR6090	9999	313B	317F	1987/08/01	45003	173180
8700309	F291	BR6091	9999	313B	317F	1987/08/01	45004	173181
8700309	F291	BR6092	9999	313B	317F	1987/08/01	45005	173182
8700309	F291	BR6093	9999	313B	317F	1987/08/01	45006	173183
8700309	F291	BR6094	9999	313B	317F	1987/08/01	45007	173184
8700309	F291	BR6095	9999	313B	317F	1987/08/01	45008	173185
8700309	F291	BR6096	9999	313B	317F	1987/08/01	46001	173186
8700309	F291	BR6097	9999	313B	317F	1987/08/01	46002	173187
8700309	F291	BR6098	9999	313B	317F	1987/08/01	46003	173188
8700309	F291	BR6099	9999	313B	317F	1987/08/01	46004	173189
8700309	F291	BR6100	9999	313B	317F	1987/08/01	46005	173190
8700309	F291	BR6101	9999	313B	317F	1987/08/01	46006	173191
8700309	F291	BR6102	9999	313B	317F	1987/08/01	46010	173192
8700309	F291	BR6103	9999	313B	317F	1987/08/01	46011	173193
8700309	F291	BR6104	9999	313B	317F	1987/08/01	46012	173194
8700309	F291	BR6105	9999	313B	317F	1987/08/01	46013	173195
8700309	F291	BR6106	9999	313B	317F	1987/08/01	46014	173196
8700309	F291	BR6107	9999	313B	317F	1987/08/01	46016	173197
8700309	F291	BR6108	9999	313B	317F	1987/08/01	46017	173198
8700309	F291	BR6109	9999	313B	317F	1987/08/01	46022	173199
8700309	F291	BR6110	9999	313B	317F	1987/08/01	46023	173200
8700309	F291	BR6111	9999	313B	317F	1987/08/01	46025	173201
8700309	F291	BR6112	9999	313B	317F	1987/08/01	46027	173202
8700309	F291	BR6113	9999	313B	317F	1987/08/01	46028	173203
8700309	F291	BR6114	9999	313B	317F	1987/08/27	46035	173204
8700309	F291	BR6115	9999	313B	317F	1987/08/01	46036	173205
8700309	F291	BR6116	9999	313B	317F	1987/08/01	46039	173206
8700309	F291	BR6117	9999	313B	317F	1987/08/01	46040	173207
8700309	F291	BR6118	9999	313B	317F	1987/08/01	46041	173208
8700309	F291	BR6119	9999	313B	317F	1987/08/01	46042	173209
8700309	F291	BR6120	9999	313B	317F	1987/08/01	46043	173210
8700309	F291	BR6121	9999	313B	317F	1987/08/01	51001	173211
8700309	F291	BR6122	9999	313B	317F	1987/08/01	51002	173212
8700309	F291	BR6123	9999	313B	317F	1987/08/01	51003	173213
8700309	F291	BR6124	9999	313B	317F	1987/08/01	51004	173214
8700309	F291	BR6125	9999	313B	317F	1987/08/01	51005	173215
8700309	F291	BR6126	9999	313B	317F	1987/08/01	ALRF1	173216

8700309	F291	BR6127	9999	313B	317F	1987/08/01	ALSN6	173217
8700309	F291	BR6128	9999	313B	317F	1987/08/01	BURL1	173218
8700309	F291	BR6129	9999	313B	317F	1987/08/01	BUZM3	173219
8700309	F291	BR6130	9999	313B	317F	1987/08/01	CARO3	173220
8700309	F291	BR6131	9999	313B	317F	1987/08/01	CHLV2	173221
8700309	F291	BR6132	9999	313B	317F	1987/08/01	CLKN7	173222
8700309	F291	BR6133	9999	313B	317F	1987/08/01	CSBF1	173223
8700309	F291	BR6134	9999	313B	317F	1987/08/01	DBLN6	173224
8700309	F291	BR6135	9999	313B	317F	1987/08/01	DESW1	173225
8700309	F291	BR6136	9999	313B	317F	1987/08/01	DISW3	173226
8700309	F291	BR6137	9999	313B	317F	1987/08/01	DPIA1	173227
8700309	F291	BR6138	9999	313B	317F	1987/08/01	DSLN7	173228
8700309	F291	BR6139	9999	313B	317F	1987/08/01	FBIS1	173229
8700309	F291	BR6140	9999	313B	317F	1987/08/01	FFIA2	173230
8700309	F291	BR6141	9999	313B	317F	1987/08/01	FPSN7	173231
8700309	F291	BR6142	9999	313B	317F	1987/08/01	GDIL1	173232
8700309	F291	BR6143	9999	313B	317F	1987/08/01	GLLN6	173233
8700309	F291	BR6144	9999	313B	317F	1987/08/01	IOSN3	173234
8700309	F291	BR6145	9999	313B	317F	1987/08/01	LKWF1	173235
8700309	F291	BR6146	9999	313B	317F	1987/08/01	MDRM1	173236
8700309	F291	BR6147	9999	313B	317F	1987/08/01	MISM1	173237
8700309	F291	BR6148	9999	313B	317F	1987/08/01	NWPO3	173238
8700309	F291	BR6149	9999	313B	317F	1987/08/01	PILM4	173239
8700309	F291	BR6150	9999	313B	317F	1987/08/01	PTAC1	173240
8700309	F291	BR6151	9999	313B	317F	1987/08/01	PTAT2	173241
8700309	F291	BR6152	9999	313B	317F	1987/08/01	PTGC1	173242
8700309	F291	BR6153	9999	313B	317F	1987/08/01	ROAM4	173243
8700309	F291	BR6154	9999	313B	317F	1987/08/01	SAUF1	173244
8700309	F291	BR6155	9999	313B	317F	1987/08/01	SBIO1	173245
8700309	F291	BR6156	9999	313B	317F	1987/08/01	SGNW3	173246
8700309	F291	BR6157	9999	313B	317F	1987/08/01	SISW1	173247
8700309	F291	BR6158	9999	313B	317F	1987/08/01	SPGF1	173248
8700309	F291	BR6159	9999	313B	317F	1987/08/01	SRST2	173249
8700309	F291	BR6160	9999	313B	317F	1987/08/01	STDMA	173250
8700309	F291	BR6161	9999	313B	317F	1987/08/07	SVLS1	173251
8700309	F291	BR6162	9999	313B	317F	1987/08/01	TPLM2	173252
8700309	F291	BR6163	9999	313B	317F	1987/08/01	TTIW1	173253
8700309	F291	BR6164	9999	313B	317F	1987/08/01	VENF1	173254
8700309	F291	BR6165	9999	313B	317F	1987/08/01	WPOW1	173255

(95 rows affected)

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8700309	F291	BR6073	317F	1	8918	87/08/01	87/08/01
8700309	F291	BR6074	317F	1	8888	87/08/01	87/08/01
8700309	F291	BR6075	317F	1	2480	87/08/01	87/08/01
8700309	F291	BR6076	317F	1	7440	87/08/01	87/08/01
8700309	F291	BR6077	317F	1	7406	87/08/01	87/08/01
8700309	F291	BR6078	317F	1	6534	87/08/01	87/08/01
8700309	F291	BR6079	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6080	317F	1	8896	87/08/01	87/08/01
8700309	F291	BR6081	317F	1	8896	87/08/01	87/08/01
8700309	F291	BR6082	317F	1	7392	87/08/01	87/08/01
8700309	F291	BR6083	317F	1	7420	87/08/01	87/08/01
8700309	F291	BR6084	317F	1	7360	87/08/01	87/08/01
8700309	F291	BR6085	317F	1	8918	87/08/01	87/08/01
8700309	F291	BR6086	317F	1	6992	87/08/01	87/08/01
8700309	F291	BR6087	317F	1	5040	87/08/01	87/08/01
8700309	F291	BR6088	317F	1	7206	87/08/01	87/08/01
8700309	F291	BR6089	317F	1	7370	87/08/01	87/08/01
8700309	F291	BR6090	317F	1	7414	87/08/01	87/08/01
8700309	F291	BR6091	317F	1	7316	87/08/01	87/08/01
8700309	F291	BR6092	317F	1	7390	87/08/01	87/08/01
8700309	F291	BR6093	317F	1	3960	87/08/01	87/08/01
8700309	F291	BR6094	317F	1	7400	87/08/01	87/08/01
8700309	F291	BR6095	317F	1	7434	87/08/01	87/08/01
8700309	F291	BR6096	317F	1	8916	87/08/01	87/08/01
8700309	F291	BR6097	317F	1	8906	87/08/01	87/08/01
8700309	F291	BR6098	317F	1	8906	87/08/01	87/08/01
8700309	F291	BR6099	317F	1	8918	87/08/01	87/08/01
8700309	F291	BR6100	317F	1	8862	87/08/01	87/08/01
8700309	F291	BR6101	317F	1	7364	87/08/01	87/08/01
8700309	F291	BR6102	317F	1	7416	87/08/01	87/08/01
8700309	F291	BR6103	317F	1	7390	87/08/01	87/08/01
8700309	F291	BR6104	317F	1	7390	87/08/01	87/08/01
8700309	F291	BR6105	317F	1	7408	87/08/01	87/08/01
8700309	F291	BR6106	317F	1	6674	87/08/01	87/08/01
8700309	F291	BR6107	317F	1	494	87/08/01	87/08/01
8700309	F291	BR6108	317F	1	492	87/08/01	87/08/01
8700309	F291	BR6109	317F	1	8842	87/08/01	87/08/01
8700309	F291	BR6110	317F	1	7432	87/08/01	87/08/01
8700309	F291	BR6111	317F	1	5780	87/08/01	87/08/01
8700309	F291	BR6112	317F	1	4864	87/08/01	87/08/01
8700309	F291	BR6113	317F	1	8872	87/08/01	87/08/01
8700309	F291	BR6114	317F	1	1120	87/08/27	87/08/27
8700309	F291	BR6115	317F	1	8878	87/08/01	87/08/01
8700309	F291	BR6116	317F	1	7046	87/08/01	87/08/01
8700309	F291	BR6117	317F	1	7422	87/08/01	87/08/01
8700309	F291	BR6118	317F	1	7406	87/08/01	87/08/01
8700309	F291	BR6119	317F	1	478	87/08/01	87/08/01
8700309	F291	BR6120	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6121	317F	1	8906	87/08/01	87/08/01
8700309	F291	BR6122	317F	1	8866	87/08/01	87/08/01
8700309	F291	BR6123	317F	1	8834	87/08/01	87/08/01
8700309	F291	BR6124	317F	1	8836	87/08/01	87/08/01
8700309	F291	BR6125	317F	1	7350	87/08/01	87/08/01
8700309	F291	BR6126	317F	1	1484	87/08/01	87/08/01

8700309	F291	BR6127	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6128	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6129	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6130	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6131	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6132	317F	1	1444	87/08/01	87/08/01
8700309	F291	BR6133	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6134	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6135	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6136	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6137	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6138	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6139	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6140	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6141	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6142	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6143	317F	1	1430	87/08/01	87/08/01
8700309	F291	BR6144	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6145	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6146	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6147	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6148	317F	1	1482	87/08/01	87/08/01
8700309	F291	BR6149	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6150	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6151	317F	1	1110	87/08/01	87/08/01
8700309	F291	BR6152	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6153	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6154	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6155	317F	1	1420	87/08/01	87/08/01
8700309	F291	BR6156	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6157	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6158	317F	1	1040	87/08/01	87/08/01
8700309	F291	BR6159	317F	1	1486	87/08/01	87/08/01
8700309	F291	BR6160	317F	1	1488	87/08/01	87/08/01
8700309	F291	BR6161	317F	1	1162	87/08/07	87/08/07
8700309	F291	BR6162	317F	1	1484	87/08/01	87/08/01
8700309	F291	BR6163	317F	1	1482	87/08/01	87/08/01
8700309	F291	BR6164	317F	1	1470	87/08/01	87/08/01
8700309	F291	BR6165	317F	1	1488	87/08/01	87/08/01

(95 rows affected)