

F191

DATA DOCUMENTATION FORM

November 1986

NOAA FORM 74-13

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20232

FORM APPROVED O.M.B. No. 0-576074 EXPIRES 2/29/87

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

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

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

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
 T.O.G.A.
 (Tropical Ocean / Global Atmos. Program)

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
 32302, 41001, 41002, 41006, 42001-03, 42007, 42009, 44004, 44005, 44007, 44008, 44009, 44011-13, 45001-08

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
—	Buoy	Buoy	USA	11/01/86	11/30/86

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-494-172)

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

Reference #

BR 5165-5192

ACCESS ON NUMBER 8600400

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DATA DOCUMENTATION FORM

November 1986

NOAA FORM 24-13 -851

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20222

FORM APPROVED O.M.B. No. 0-47 (024) EXPIRES 2/25/87

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

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

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

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
 TOGA
 (Tropical Ocean / Global Atmos. Program)

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
 46001-06, 46010, 46012-14,
 46016, 46017, 46022, 46023,
 46025-30, 46035-38, 51001-03,
 51005

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
 11/01/86 11/30/86

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-494-172)

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

Reference #

BR 5203-5241

ACCESSION NUMBER

8600400

F191

DATA DOCUMENTATION FORM

November 1986

NOAA FORM 74-13 (8-85)

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. 0-47-0624 EXPIRES 2/29/87

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

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

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

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
 TCGA
 (Tropical Ocean / Global Atmos. Program)

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
 ALRF1, ALSN6, BURL2, BUZM3, CARD3,
 CHLV2, CLKN7, CSBF2, DSLN6, DESW2,
 DISN3, DSLN7, FBFS2, FKIA2, FRSN7,
 GDL2, GLLN6, IOSN3, LKNF2, MDRM2

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR		7. DATES	
		NATIONALITY(IES)		FROM: MC, DAY, YR	TO: MC, DAY, YR
—	Buoy	Buoy	USA	11/01/86	11/30/86

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.
 MISM2, NWPO3, PKM4, PTAC2, PTAT2, PTGL2,
 ROAM4, SAVF2, SBIO2, SGRW3, SJSW2, SP6F2,
 SRST2, STOM4, SVLS2, TPLM2, TTIW2, VENF2, WPOW2

C. DATA FORMAT

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

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

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____
 ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4080</p>
Empty space for 8	<p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8</p>

RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (0.6 = Min, bytes)	15. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
DESCRIPTIVE HEADER RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"1" Descriptive header record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
LATITUDE	27	6		3I2	Degrees, Minutes, Seconds
LAT. HEMISPHERE	33	1		A1	"N" or "S" Hemisphere
LONGITUDE	34	7		I3, 2I2	Degrees, Minutes, Seconds
LON. HEMISPHERE	41	1		A1	"E" or "W" Hemisphere
BOTTOM DEPTH	42	5		I5	Meters to tenths
MAGNETIC VARIATION	47	4		I4	Whole degrees from true north (signed value)
BUOY HEADING*	51	3		I3	Whole degrees from true north
WAVE SAMPLING RATE*	54	4		I4	Original measurements per minute to tenths
WAVE SAMPLING DURATION*	58	4		I4	Minutes to hundredths
WAVE TOTAL INTERVALS*	62	3		I3	Number of frequency intervals
CHIEF SCIENTIST	65	20		A20	(optional)
INSTITUTION	85	20		A20	Data source
WIND SAMPLING DURATION	105	3		I3	Minutes to tenths
COMMENTS *for buoy data only	108	13		A13	RECORD LENGTH IS 120
ENVIRONMENTAL DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"2" (environmental data rec.)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
ALTITUDE	27	3		I3	Meteorology alt., meters to tenths
AIR TEMP	30	4		I4	Temperature, Celsius to tenths
DEW POINT	34	4		I4	Temperature, Celsius to tenths
BAROMETER	38	5		I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4		I4	Meters/sec. to hundredths
WIND DIRECTION	47	4		I4	From true north, degrees to tenths
WEATHER	51	1		I1	Current weather (WMO Code 4501)
VISIBILITY	52	3..		I3	Nautical miles, to tenths

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	15. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	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
MAXIMUM WAVE HEIGHT	97	3		I3	Meters to tenths.
MAXIMUM WAVE STEEPNESS	100	3		I3	To be defined
WIND GUST	103	4		I4	Meters/sec. to hundredths
WIND GUST(avg.pd.)	107	2		I2	Seconds
AVERAGING PERIOD					
WIND GUST	109	4		I4	Meters/sec. to hundredths
WIND GUST	113	2		I2	Seconds
WIND SPEED(58 min. average)	115	3		I3	Meters/sec. to tenths whole degrees
WIND DIRECTION(58 min. average)	118	3		I3	Whole degrees
WAVE SPECTRA DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"3"(Wave Spectra Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
INTERVALS PER DIRECTION	27	3		I3	Zero for non-directional spectra, or total number of frequencies in this direction
DIRECTION	30	4		I4	Blank for non-directional spectra, or degrees to tenths from true N for frequencies on this record

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g. bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
WAVE SPECTRA DATA RECORD (cont'd)					
COUNT	34	1		I1	Number of frequencies on this record
DATA	35	70		5(2I4,I6)	Up to 5 Frequency, Resolution, Density fields. Null fields blank
Frequency	35, 49, 63 77, 91	4		I4	Center frequency of interval in Hertz to thousandths
Resolution	39, 53, 67 81, 95	4		I4	Resolution of interval in Hertz to ten-thousandths
Density	43, 57, 71 85, 99	6		I6	Spectral Density of interval in m ² /Hz to thousandths
BLANKS	105	16		16X	Fill the fixed length record
SUBSURFACE TEMPERATURE DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"4" (Subsurface Temperature Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
DATA	27	90		10(I5,I4)	Up to 10 Depth and temperature fields
Depth	27, 36, 45 54, 63, 72 81, 90, 99 108	5		I5	Obs. level, meters to tenths
Temperature	32, 41, 50 59, 68, 77 86, 95, 104 113	4		I4	Degrees Celsius to hundredths (include Sea Surface Temperature)
BLANKS	117	4		4X	Fill the fixed length record
SUBSURFACE DATA RECORD					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"5" (Subsurface Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
DATA	27	90		3(I5,I5,I5 I5,I5,I5)	Up to 3 Depth, U Component, V Component, Pressure, Conductivity, Salinity fields
Depth	27, 57, 87	5		I5	Obs. Level, meters to tenths

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. bit, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
SUBSURFACE DATA RECORD (cont'd)					
U Component	32, 62, 92	5		I5	East vector in cm/sec. to tenths
V Component	37, 67, 97	5		I5	True north vector in cm/sec. to tenths
Pressure	42, 72, 102	5		I5	Kg./cm ² to hundredths
Conductivity	47, 77, 107	5		I5	Milliomhos/cm. to thousandths
Salinity	52, 82, 112	5		I5	Parts per 1000 to thousandths
BLANKS	117	4		4X	Fill the fixed length record

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		
CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	I3	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "6"
STATION NUMBER	11	6	Bytes	A6	Unique name of observation point
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hours, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval in Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
CO-SPECTRA C ₁₁	36	6	Bytes	Signed Integers I6	Up to 9 <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
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 ₂₂	44	6	Bytes	I6	
EXPONENT	50	2	Bytes	I2	
CO-SPECTRA C ₃₃	52	6	Bytes	I6	
EXPONENT	58	2	Bytes	I2	
CO-SPECTRA C ₁₂	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	
QUAD-SPECTRA Q ₁₂	68	6	Bytes	I6	
EXPONENT	74	2	Bytes	I2	
CO-SPECTRA C ₁₃	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
QUAD-SPECTRA Q ₁₃	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
CO-SPECTRA C ₂₃	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
QUAD-SPECTRA Q ₂₃	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
C ₂₂ - C ₃₃	108	6	Bytes	I6	
EXPONENT	114	2	Bytes	I2	
BLANKS	116	5	Bytes	5x	

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		
ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	I3	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "7"
STATION NUMBER	11	6	Bytes	A6	Same as "1"
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day. (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hour, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
ANGULAR FOURIER	36	6	Bytes	signed integers I6	Up to 9 <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	I2	
ANGULAR FOURIER COEFFICIENT	44	6	Bytes	I6	
EXPONENT	50	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	52	6	Bytes	I6	
EXPONENT	58	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	68	6	Bytes	I6	
EXPONENT	74	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
MEAN WAVE DIRECTION	108	3	Bytes	I3	Mean wave direction given by $\arctan b_1/a_1$ in whole degrees from true north(opt. entry)
BLANKS	111	10	Bytes	10X	Blanks

PARAMETER	DESCRIPTION	SC
DIRECTIONAL WAVE PARAMETER		
RECORD	Always '8'	10
STATION	See Record '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME	HHMM	23
COUNT	X - Number of Frequencies on this Record (-1,2,or3)	27
FREQUENCY	XXXX - Center of Band in HZ to Ten- Thousandths	28
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten- Thousandths	32
R1 (see below)	XXXX - Recorded to Nearest Hundredth	36
R2 (see below)	XXXX - Recorded to Nearest Hundredth	40
A1 (see below)	XXXX - Recorded in Degrees to Tenths	44
A2 (see below)	XXXX - Recorded in Degrees to Tenths	48
C11S (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	52
FREQUENCY	XXXX - Center of Band in HZ to Ten- Thousandths	58
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten- Thousandths	62
R1 (see below)	XXXX - Recorded to Nearest Hundredth	66
R2 (see below)	XXXX - Recorded to Nearest Hundredth	70
A1 (see below)	XXXX - Recorded in Degrees to Tenths	74
A2 (see below)	XXXX - Recorded in Degrees to Tenths	78
C11S (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	82
FREQUENCY	XXXX - Center of Band in HZ to Ten- Thousandths	88
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten- Thousandths	92
R1 (see below)	XXXX - Recorded to Nearest Hundredth	96
R2 (see below)	XXXX - Recorded to Nearest Hundredth	100
A1 (see below)	XXXX - Recorded in Degrees to Tenths	104
A2 (see below)	XXXX - Recorded in Degrees to Tenths	108
C11S (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	112
BLANKS		118

NOTE: DIRECTIONAL WAVE SPECTRA = $S(F,A)*D(F,A)$, in which F = FREQ(HZ),
 A = Azimuth Angle measured clockwise from North to direction wave is
from. $D(F,A) = (1/PI)*((1/2)+R1*COS(A-A1)+R2*COS(2*(A-A2)))$,
in which $R1$ and $R2$ are dimensionless and $A1$ and $A2$ are respectively
mean and principal wave directions. In terms of Longuet-Higgins Fourier
Coefficients, $R1 = (SQRT(A1*A1+B1*B1))/A0$, $R2 = (SQRT(A2*A2+B2*B2))/A0$,
 $A1 = ARCTAN(B1,A1)$, $A2 = (1/2)ARCTAN(B2,A2) + 0$ or PI . $C11S(M^2/HZ) =$
 $(C22+C33)/(K*K)$ in which K , the propagation constant, is the solution
to $W*W = G*K*TANH(K*D)$, in which $W = 2*PI*F$, $G = 9.806 M/(SEC*SEC)$, and
 D is mean water depth in meters.

ACCESSION NO. 8600400

FILETYPE F191

TRACK NO. BR5130-5154

PROJECT IDENTIFICATION TOGO

DS1302

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECOF
ORIG. TAPE	1/12/87	(JL)	A00386	1	120	4080	
DUPLICATE TAPE	1/12/87	(JL)	W13263*	1	120	4080	
REFORMATTED TAPE			@ASC, TJ TJ				
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK	Jan 1987						
MPD75 OR F022							
DATA SET FINALIZED							

* Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

AAT71

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8600400

FILETYPE F191

TRACK NO. BR5165-5192

PROJECT IDENTIFICATION T060

148,772 records

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECOI
ORIG. TAPE	1/12/87	<i>(initials)</i>	A00387	1	120	4080	
DUPLICATE TAPE	1/12/87	<i>(initials)</i>	W13289*	1	120	4080	
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

** Tape is non-label*

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8600400

FILETYPE F191

TRACK NO. BR5203-5241

PROJECT IDENTIFICATION T060

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECOI
ORIG. TAPE	1/12/87	(02)	A00388	1	120	4080	
DUPLICATE TAPE	1/12/87	(02)	W13280*	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.)

INPUT MEDIUM: PAPER, CARD, DISK, **TAPE**, ISKETTE, 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 FIL	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL	
NOV 86 A		9	1600	ODD	N/L	FB	120	4080	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

FOR USER USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
7016102	11/26/86	1524	1531	C	COMPLETED by FL

NOV. 86
1003

APPARATUS 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 FIL		
SECTOR SIZE						EXCHANGE TYPE			CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)	DATA SET NAME	PUR DATE
<u>NOV86B</u>		<u>9</u>	<u>1600</u>	<u>odd</u>	<u>NL</u>	<u>FB</u>	<u>120</u>	<u>4080</u>	<u>1</u>		
SECTOR SIZE						EXCHANGE TYPE			CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)	DATA SET NAME	PUR DATE
SECTOR SIZE						EXCHANGE TYPE			CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)	DATA SET NAME	PUR DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

FOR USER ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<u>1616503</u>	<u>01/05/87</u>	<u>15:16</u>	<u>15:21</u>	<u>C</u>	<u>COMPLETED BY FL</u>

NOV. 86
02073

Green Hills

DATE SUBMITTED <i>1/5/87</i>	DATE DUE	BIR <i>27</i>
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APPERT TO BE USED AND FUNCTION TO BE PERFORMED

Scan

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

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL		
SECTOR SIZE						EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME	PUR DAT
<i>NOV86C</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	PUR DAT
SECTOR SIZE						EXCHANGE TYPE		CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME	PUR DAT

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

USER ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINT DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>20 10 26 4</i>	<i>01/05/87</i>	<i>1510</i>	<i>1515</i>	<i>C</i>	<i>COMPLETED by FL</i>

*NOV. 86
030803*

Allen, Irish

DATE SUBMITTED 1/6/87 DATE LOG 27

INSTRUMENT TO BE USED AND FUNCTION TO BE PERFORMED

Can output tape

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 FIL	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL	
A00386		9	1600	odd	NL	FB	120	4080	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL	
W13263	W13263	9	1600	odd	NL	FB	120	4080	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DATE

SPECIAL INSTRUCTIONS <p>Procedure BRB04 31</p> <p>Mitch 5130 Dat</p>	ESTIMATED EXECUTION TIME
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1 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINT DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
79207064	01/06/87	1140	1315	C	COMPLETED by FL

Nov. 86
01003

Scan output

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 FIL	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL	
A00387		9	1600	odd	NL	FB	120	4080	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FIL	
W/3287		9	1600	odd	NL	FB	120	4080	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT

SPECIAL INSTRUCTIONS: Procedure BRB404 32
 Mitch 5165 Det
 ESTIMATED EXECUTION TIME:

FOR USER ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
109207025	01/06/87	13.35	15.23	C	

NOV. 86
020203

scan output

INPUT MEDIUM: PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)

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

INPUT DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FIL	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FIL	
A00388		9	1600	odd	NL	FB	120	4080	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FIL	
W13280		9	1600		NL	FB	120	4080	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PUR DAT

ADDITIONAL INSTRUCTIONS

Procedure BRBU04.33

Match 5203.Dat

ESTIMATED
EXECUTION
TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
01/07/87	0800	0850	C	COMPLETED by FL

Nov. 86
030803

8600402

Corrections

BR 5130-5154

BR 5165-5192

BR 5203-5241

① File ID, cols 4-9, corrected to BR 5130
5154, BR 5165-5192, and
BR 5203-5241.

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

FROM: E/OC13 - A. Picciolo *AP*

DATE: January 15, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

MAMMALS (F127) Acc: 8600251 Ref: TT8039 - 8050 991 stations 27,995 records AIRCRAFT

OCEAN STATIONS (C100) Acc: 8600260 Ref: 318639-45; 570037-42 928 stations
17,323 records

A. HUMBOLDT & JORDAN

✓ WIND/WAVE SPECTRA (F191) ✓ Acc: 8600396 BR4767-92; 4803-26; 4837-75
89 stations 414,610 records JULY 1986 HOLD!
WILL BE RE-SUBMITTED.

Acc: 8600400 Ref: BR5130-54; 5165-92; 5203-41
92 stations 368,128 records NOVEMBER 1986

01/16/87 OK to process - Mitch & Phil

DATA PROCESSING BRANCH (E/OC12) XBT's

cc: E/OC1 - I. Perlroth

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

FROM: E/OC13 - A. Picciolo *AP*

DATE: January 15, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

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OCEAN STATIONS (C100) Acc: 8600260 Ref: 318639-45; 570037-42 928 stations
17,323 records

A. HUMBOLDT & JORDAN

✓ WIND/WAVE SPECTRA (F191) ✓ Acc: 8600396 BR4767-92; 4803-26; 4837-75
89 stations 414,610 records JULY 1986 HOLD!
WILL BE RE-SUBMITTED. ✓

OK to process after Sept 1986 Mitchell Phil
Acc: 8600400 Ref: BR5130-54; 5165-92; 5203-41
92 stations 368,118 records NOVEMBER 1986
~~HOLD! WILL BE RE-SUBMITTED~~

DATA PROCESSING BRANCH (E/OC12) XBT's

cc: E/OC1 - I. Perlroth

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

John

FROM: E/OC13 - A. Picciolo

DATE: January 15, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

MAMMALS (F127) Acc: 8600251 Ref: TT8039 - 8050 991 stations 27,995 records AIRCRAFT

OCEAN STATIONS (C100) Acc: 8600260 Ref: 318639-45; 570037-42 928 stations
17,323 records

A. HUMBOLDT & JORDAN

✓ WIND/WAVE SPECTRA (F191) ✓ Acc: 8600396 BR4767-92; 4803-26; 4837-75
89 stations 414,610 records JULY 1986 HOLD!
WILL BE RE-SUBMITTED.

*F191
OK after
Sept 1986*

Acc: 8600400 Ref: BR5130-54; 5165-92; 5203-41
92 stations 368,118 records NOVEMBER 1986
~~HOLD! WILL BE RE-SUBMITTED~~

*Inez, I took the folder. You were
correct, we can process this one.
I talked to Mitch & Phil. Folder is
on my disk, if you need it. Cliff*

DATA PROCESSING BRANCH (E/OC12) XBT's

E/OC12 - C. Noe
E/OC11 - P. Hadsell ←

John

FROM: E/OC13 - A. Picciolo

DATE: January 15, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

MAMMALS (F127) Acc: 8600251 Ref: TT8039 - 8050 991 stations 27,995 records AIRCRAFT

OCEAN STATIONS (C100) Acc: 8600260 Ref: 318639-45; 570037-42 928 stations
17,323 records

A. HUMBOLDT & JORDAN

✓ WIND/WAVE SPECTRA (F191) ✓ Acc: 8600396 BR4767-92; 4803-26; 4837-75
89 stations 414,610 records JULY 1986 HOLD!
WILL BE RE-SUBMITTED.

*F191 files
OK after
Sept 1986
Mitch & Phil*

Acc: 8600400 Ref: BR5130-54; 5165-92; 5203-41
92 stations 368,118 records NOVEMBER 1986
~~HOLD, WILL BE RE-SUBMITTED~~

DATA PROCESSING BRANCH (E/OC12) XBT's

E/OC12 - C. Noe
E/OC11 - P. Hadsell ←

sh

FROM: E/OC13 - A. Picciolo

DATE: January 15, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

MAMALS (F127) Acc: 8600251 Ref: TT8039 - 8050 991 stations 27,995 records AIRCRAFT

OCEAN STATIONS (C100) Acc: 8600260 Ref: 318639-45; 570037-42 928 stations
17,323 records

A. HUMBOLDT & JORDAN

✓ WIND/WAVE SPECTRA (F191) ✓ Acc: 8600396 BR4767-92; 4803-26; 4837-75
89 stations 414,610 records JULY 1986 HOLD!
WILL BE RE-SUBMITTED.

*F191
OK after
Sept 1986*

Acc: 8600400 Ref: BR5130-54; 5165-92; 5203-41
92 stations 368,118 records NOVEMBER 1986
~~HOLD! WILL BE RE-SUBMITTED~~

DATA PROCESSING BRANCH (E/OC12) XBT's

E/OC12 - C. Noe
E/OC11 - P. Hadsell ←

John

FROM: E/OC13 - A. Picciolo

DATE: January 15, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

MANTALS (F127) Acc: 8600251 Ref: TT8039 - 8050 991 stations 27,995 records AIRCRAFT

OCEAN STATIONS (C100) Acc: 8600260 Ref: 318639-45; 570037-42 928 stations
17,323 records

A. HUMBOLDT & JORDAN

✓ WIND/WAVE SPECTRA (F191) ✓ Acc: 8600396 BR4767-92; 4803-26; 4837-75
89 stations 414,610 records JULY 1986 HOLD!
WILL BE RE-SUBMITTED. ✓

*F191
OK after
Sept 1986*

Acc: 8600400 Ref: BR5130-54; 5165-92; 5203-41
92 stations 368,118 records NOVEMBER 1986
~~HOLD, WILL BE RE-SUBMITTED~~

DATA PROCESSING BRANCH (E/OC12) XBT's

ESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600400	BR5130	F191		313B	317F	32302	11/01/86	11/30/86	1	7,070
8600400	BR5131	F191		313B	317F	41001	11/01/86	11/30/86	1	8,594
8600400	BR5132	F191		313B	317F	41002	11/01/86	11/30/86	1	8,618
8600400	BR5133	F191		313B	317F	41006	11/01/86	11/30/86	1	8,608
8600400	BR5134	F191		313B	317F	42001	11/01/86	11/30/86	1	7,174
8600400	BR5135	F191		313B	317F	42002	11/04/86	11/30/86	1	6,244
8600400	BR5136	F191		313B	317F	42003	11/01/86	11/30/86	1	1,438
8600400	BR5137	F191		313B	317F	42007	11/01/86	11/30/86	1	7,084
8600400	BR5138	F191		313B	317F	42009	11/01/86	11/30/86	1	5,812
8600400	BR5139	F191		313B	317F	44004	11/01/86	11/30/86	1	8,618
8600400	BR5140	F191		313B	317F	44005	11/01/86	11/30/86	1	8,604
8600400	BR5141	F191		313B	317F	44007	11/01/86	11/30/86	1	7,162
8600400	BR5142	F191		313B	317F	44008	11/01/86	11/30/86	1	7,146
8600400	BR5143	F191		313B	317F	44009	11/01/86	11/30/86	1	7,056
8600400	BR5144	F191		313B	317F	44011	11/01/86	11/30/86	1	8,246
8600400	BR5145	F191		313B	317F	44012	11/01/86	11/30/86	1	7,142
8600400	BR5146	F191		313B	317F	44013	11/01/86	11/30/86	1	7,154
8600400	BR5147	F191		313B	317F	45001	11/01/86	11/30/86	1	7,162
8600400	BR5148	F191		313B	317F	45002	11/01/86	11/06/86	1	1,430
8600400	BR5149	F191		313B	317F	45003	11/01/86	11/30/86	1	6,526
8600400	BR5150	F191		313B	317F	45004	11/01/86	11/18/86	1	4,292
8600400	BR5151	F191		313B	317F	45005	11/01/86	11/24/86	1	1,106
8600400	BR5152	F191		313B	317F	45006	11/01/86	11/20/86	1	4,774
8600400	BR5153	F191		313B	317F	45007	11/01/86	11/20/86	1	4,702
8600400	BR5154	F191		313B	317F	45008	11/01/86	11/30/86	1	7,164

ESS BER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600400	BR5165	F191		313B	317F	46001	11/01/86	11/30/86	1	1,388
8600400	BR5166	F191		313B	317F	46002	11/01/86	11/23/86	1	5,542
8600400	BR5167	F191		313B	317F	46003	11/01/86	11/30/86	1	8,322
8600400	BR5168	F191		313B	317F	46004	11/01/86	11/30/86	1	8,382
8600400	BR5169	F191		313B	317F	46005	11/01/86	11/30/86	1	1,388
8600400	BR5170	F191		313B	317F	46006	11/01/86	11/30/86	1	6,892
8600400	BR5171	F191		313B	317F	46010	11/01/86	11/30/86	1	6,500
8600400	BR5172	F191		313B	317F	46012	11/01/86	11/30/86	1	6,998
8600400	BR5173	F191		313B	317F	46013	11/01/86	11/30/86	1	6,910
8600400	BR5174	F191		313B	317F	46014	11/01/86	11/30/86	1	6,960
8600400	BR5175	F191		313B	317F	46016	11/01/86	11/30/86	1	478
8600400	BR5176	F191		313B	317F	46017	11/01/86	11/30/86	1	474
8600400	BR5177	F191		313B	317F	46022	11/01/86	11/07/86	1	1,788
8600400	BR5178	F191		313B	317F	46023	11/01/86	11/30/86	1	6,942
8600400	BR5179	F191		313B	317F	46025	11/01/86	11/30/86	1	6,992
8600400	BR5180	F191		313B	317F	46026	11/01/86	11/30/86	1	7,012
8600400	BR5181	F191		313B	317F	46027	11/04/86	11/30/86	1	6,162
8600400	BR5182	F191		313B	317F	46028	11/01/86	11/30/86	1	8,340
8600400	BR5183	F191		313B	317F	46029	11/01/86	11/30/86	1	1,382
8600400	BR5184	F191		313B	317F	46030	11/01/86	11/17/86	1	804
8600400	BR5185	F191		313B	317F	46035	11/01/86	11/30/86	1	6,924
8600400	BR5186	F191		313B	317F	46036	11/01/86	11/27/86	1	7,492
8600400	BR5187	F191		313B	317F	46037	11/01/86	11/30/86	1	1,394
8600400	BR5188	F191		313B	317F	46038	11/01/86	11/30/86	1	1,386
8600400	BR5189	F191		313B	317F	51001	11/01/86	11/30/86	1	8,258
8600400	BR5190	F191		313B	317F	51002	11/01/86	11/30/86	1	8,390
8600400	BR5191	F191		313B	317F	51003	11/01/86	11/30/86	1	8,330
8600400	BR5192	F191		313B	317F	51005	11/01/86	11/30/86	1	6,942

ESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600400	BR5203	F191		313B	317F	ALRF1	11/01/86	11/30/86	1	1,390
8600400	BR5204	F191		313B	317F	ALSN6	11/01/86	11/30/86	1	1,438
8600400	BR5205	F191		313B	317F	BURL1	11/01/86	11/30/86	1	1,402
8600400	BR5206	F191		313B	317F	BUZM3	11/01/86	11/30/86	1	1,432
8600400	BR5207	F191		313B	317F	CAR03	11/01/86	11/30/86	1	1,386
8600400	BR5208	F191		313B	317F	CHLV2	11/01/86	11/30/86	1	7,166
8600400	BR5209	F191		313B	317F	CLKN7	11/01/86	11/30/86	1	1,436
8600400	BR5210	F191		313B	317F	CSBF1	11/01/86	11/30/86	1	1,412
8600400	BR5211	F191		313B	317F	DBLN6	11/01/86	11/30/86	1	1,364
8600400	BR5212	F191		313B	317F	DESW1	11/01/86	11/30/86	1	1,384
8600400	BR5213	F191		313B	317F	DISW3	11/01/86	11/30/86	1	1,432
8600400	BR5214	F191		313B	317F	DBLN7	11/01/86	11/30/86	1	1,438
8600400	BR5215	F191		313B	317F	FBIS1	11/01/86	11/30/86	1	1,438
8600400	BR5216	F191		313B	317F	FFIA2	11/01/86	11/30/86	1	1,386
8600400	BR5217	F191		313B	317F	FPSN7	11/01/86	11/30/86	1	1,434
8600400	BR5218	F191		313B	317F	GDIL1	11/01/86	11/30/86	1	1,408
8600400	BR5219	F191		313B	317F	GLLN6	11/01/86	11/30/86	1	1,384
8600400	BR5220	F191		313B	317F	IOSN3	11/01/86	11/30/86	1	1,432
8600400	BR5221	F191		313B	317F	LKWF1	11/01/86	11/30/86	1	1,434
8600400	BR5222	F191		313B	317F	MDRM1	11/01/86	11/30/86	1	1,434
8600400	BR5223	F191		313B	317F	MISM1	11/01/86	11/30/86	1	1,432
8600400	BR5224	F191		313B	317F	NWPO3	11/01/86	11/30/86	1	1,388
8600400	BR5225	F191		313B	317F	PILM4	11/01/86	11/30/86	1	1,438
8600400	BR5226	F191		313B	317F	PTAC1	11/01/86	11/30/86	1	1,420
8600400	BR5227	F191		313B	317F	PTAT2	11/01/86	11/30/86	1	1,384
8600400	BR5228	F191		313B	317F	PTGC1	11/01/86	11/30/86	1	1,392
8600400	BR5229	F191		313B	317F	ROAM4	11/01/86	11/30/86	1	1,434
8600400	BR5230	F191		313B	317F	SAUF1	11/01/86	11/30/86	1	1,134
8600400	BR5231	F191		313B	317F	SBI01	11/01/86	11/30/86	1	1,438
8600400	BR5232	F191		313B	317F	SGNW3	11/01/86	11/28/86	1	1,270
8600400	BR5233	F191		313B	317F	SISW1	11/01/86	11/30/86	1	1,336
8600400	BR5234	F191		313B	317F	SPGF1	11/01/86	11/30/86	1	1,432
8600400	BR5235	F191		313B	317F	SRST2	11/01/86	11/30/86	1	1,426
8600400	BR5236	F191		313B	317F	STDMA	11/01/86	11/30/86	1	1,432
8600400	BR5237	F191		313B	317F	SVLS1	11/01/86	11/30/86	1	1,432
8600400	BR5238	F191		313B	317F	TPLM2	11/01/86	11/30/86	1	1,434
8600400	BR5239	F191		313B	317F	TTIW1	11/01/86	11/30/86	1	1,426
8600400	BR5240	F191		313B	317F	VENF1	11/01/86	11/30/86	1	1,378
8600400	BR5241	F191		313B	317F	WPOW1	11/01/86	11/30/86	1	1,414

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accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
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8600400	F291	BR5132	9999	313B	317F	1986/11/01	41002	166816
8600400	F291	BR5133	9999	313B	317F	1986/11/01	41006	166817
8600400	F291	BR5134	9999	313B	317F	1986/11/01	42001	166818
8600400	F291	BR5135	9999	313B	317F	1986/11/04	42002	166819
8600400	F291	BR5136	9999	313B	317F	1986/11/01	42003	166820
8600400	F291	BR5137	9999	313B	317F	1986/11/01	42007	166821
8600400	F291	BR5138	9999	313B	317F	1986/11/01	42009	166822
8600400	F291	BR5139	9999	313B	317F	1986/11/01	44004	166823
8600400	F291	BR5140	9999	313B	317F	1986/11/01	44005	166824
8600400	F291	BR5141	9999	313B	317F	1986/11/01	44007	166825
8600400	F291	BR5142	9999	313B	317F	1986/11/01	44008	166826
8600400	F291	BR5143	9999	313B	317F	1986/11/01	44009	166827
8600400	F291	BR5144	9999	313B	317F	1986/11/01	44011	166828
8600400	F291	BR5145	9999	313B	317F	1986/11/01	44012	166829
8600400	F291	BR5146	9999	313B	317F	1986/11/01	44013	166830
8600400	F291	BR5147	9999	313B	317F	1986/11/01	45001	166831
8600400	F291	BR5148	9999	313B	317F	1986/11/01	45002	166832
8600400	F291	BR5149	9999	313B	317F	1986/11/01	45003	166833
8600400	F291	BR5150	9999	313B	317F	1986/11/01	45004	166834
8600400	F291	BR5151	9999	313B	317F	1986/11/01	45005	166835
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8600400	F291	BR5153	9999	313B	317F	1986/11/01	45007	166837
8600400	F291	BR5154	9999	313B	317F	1986/11/01	45008	166838
8600400	F291	BR5165	9999	313B	317F	1986/11/01	46001	166839
8600400	F291	BR5166	9999	313B	317F	1986/11/01	46002	166840
8600400	F291	BR5167	9999	313B	317F	1986/11/01	46003	166841
8600400	F291	BR5168	9999	313B	317F	1986/11/01	46004	166842
8600400	F291	BR5169	9999	313B	317F	1986/11/01	46005	166843
8600400	F291	BR5170	9999	313B	317F	1986/11/01	46006	166844
8600400	F291	BR5171	9999	313B	317F	1986/11/01	46010	166845
8600400	F291	BR5172	9999	313B	317F	1986/11/01	46012	166846
8600400	F291	BR5173	9999	313B	317F	1986/11/01	46013	166847
8600400	F291	BR5174	9999	313B	317F	1986/11/01	46014	166848
8600400	F291	BR5175	9999	313B	317F	1986/11/01	46016	166849
8600400	F291	BR5176	9999	313B	317F	1986/11/01	46017	166850
8600400	F291	BR5177	9999	313B	317F	1986/11/01	46022	166851
8600400	F291	BR5178	9999	313B	317F	1986/11/01	46023	166852
8600400	F291	BR5179	9999	313B	317F	1986/11/01	46025	166853
8600400	F291	BR5180	9999	313B	317F	1986/11/01	46026	166854
8600400	F291	BR5181	9999	313B	317F	1986/11/04	46027	166855
8600400	F291	BR5182	9999	313B	317F	1986/11/01	46028	166856
8600400	F291	BR5183	9999	313B	317F	1986/11/01	46029	166857
8600400	F291	BR5184	9999	313B	317F	1986/11/01	46030	166858
8600400	F291	BR5185	9999	313B	317F	1986/11/01	46035	166859
8600400	F291	BR5186	9999	313B	317F	1986/11/01	46036	166860
8600400	F291	BR5187	9999	313B	317F	1986/11/01	46037	166861
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8600400	F291	BR5189	9999	313B	317F	1986/11/01	51001	166863
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8600400	F291	BR5191	9999	313B	317F	1986/11/01	51003	166865
8600400	F291	BR5192	9999	313B	317F	1986/11/01	51005	166866
8600400	F291	BR5203	9999	313B	317F	1986/11/01	ALRF1	166867
8600400	F291	BR5204	9999	313B	317F	1986/11/01	ALSN6	166868
8600400	F291	BR5205	9999	313B	317F	1986/11/01	BURL1	166869

8600400	F291	BR5206	9999	313B	317F	1986/11/01	BUZM3	166870
8600400	F291	BR5207	9999	313B	317F	1986/11/01	CARO3	166871
8600400	F291	BR5208	9999	313B	317F	1986/11/01	CHLV2	166872
8600400	F291	BR5209	9999	313B	317F	1986/11/01	CLKN7	166873
8600400	F291	BR5210	9999	313B	317F	1986/11/01	CSBF1	166874
8600400	F291	BR5211	9999	313B	317F	1986/11/01	DBLN6	166875
8600400	F291	BR5212	9999	313B	317F	1986/11/01	DESW1	166876
8600400	F291	BR5213	9999	313B	317F	1986/11/01	DISW3	166877
8600400	F291	BR5214	9999	313B	317F	1986/11/01	DSLN7	166878
8600400	F291	BR5215	9999	313B	317F	1986/11/01	FBIS1	166879
8600400	F291	BR5216	9999	313B	317F	1986/11/01	FFIA2	166880
8600400	F291	BR5217	9999	313B	317F	1986/11/01	FPSN7	166881
8600400	F291	BR5218	9999	313B	317F	1986/11/01	GDIL1	166882
8600400	F291	BR5219	9999	313B	317F	1986/11/01	GLLN6	166883
8600400	F291	BR5220	9999	313B	317F	1986/11/01	IOSN3	166884
8600400	F291	BR5221	9999	313B	317F	1986/11/01	LKWF1	166885
8600400	F291	BR5222	9999	313B	317F	1986/11/01	MDRM1	166886
8600400	F291	BR5223	9999	313B	317F	1986/11/01	MISM1	166887
8600400	F291	BR5224	9999	313B	317F	1986/11/01	NWPO3	166888
8600400	F291	BR5225	9999	313B	317F	1986/11/01	PILM4	166889
8600400	F291	BR5226	9999	313B	317F	1986/11/01	PTAC1	166890
8600400	F291	BR5227	9999	313B	317F	1986/11/01	PTAT2	166891
8600400	F291	BR5228	9999	313B	317F	1986/11/01	PTGC1	166892
8600400	F291	BR5229	9999	313B	317F	1986/11/01	ROAM4	166893
8600400	F291	BR5230	9999	313B	317F	1986/11/01	SAUF1	166894
8600400	F291	BR5231	9999	313B	317F	1986/11/01	SBIO1	166895
8600400	F291	BR5232	9999	313B	317F	1986/11/01	SGNW3	166896
8600400	F291	BR5233	9999	313B	317F	1986/11/01	SISW1	166897
8600400	F291	BR5234	9999	313B	317F	1986/11/01	SPGF1	166898
8600400	F291	BR5235	9999	313B	317F	1986/11/01	SRST2	166899
8600400	F291	BR5236	9999	313B	317F	1986/11/01	STDMA	166900
8600400	F291	BR5237	9999	313B	317F	1986/11/01	SVLS1	166901
8600400	F291	BR5238	9999	313B	317F	1986/11/01	TPLM2	166902
8600400	F291	BR5239	9999	313B	317F	1986/11/01	TTIW1	166903
8600400	F291	BR5240	9999	313B	317F	1986/11/01	VENF1	166904
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(92 rows affected)

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8600400	F291	BR5132	317F	1	8618	86/11/01	86/11/01
8600400	F291	BR5133	317F	1	8608	86/11/01	86/11/01
8600400	F291	BR5134	317F	1	7174	86/11/01	86/11/01
8600400	F291	BR5135	317F	1	6244	86/11/04	86/11/04
8600400	F291	BR5136	317F	1	1438	86/11/01	86/11/01
8600400	F291	BR5137	317F	1	7084	86/11/01	86/11/01
8600400	F291	BR5138	317F	1	5812	86/11/01	86/11/01
8600400	F291	BR5139	317F	1	8618	86/11/01	86/11/01
8600400	F291	BR5140	317F	1	8604	86/11/01	86/11/01
8600400	F291	BR5141	317F	1	7162	86/11/01	86/11/01
8600400	F291	BR5142	317F	1	7146	86/11/01	86/11/01
8600400	F291	BR5143	317F	1	7056	86/11/01	86/11/01
8600400	F291	BR5144	317F	1	8246	86/11/01	86/11/01
8600400	F291	BR5145	317F	1	7142	86/11/01	86/11/01
8600400	F291	BR5146	317F	1	7154	86/11/01	86/11/01
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8600400	F291	BR5148	317F	1	1430	86/11/01	86/11/01
8600400	F291	BR5149	317F	1	6526	86/11/01	86/11/01
8600400	F291	BR5150	317F	1	4292	86/11/01	86/11/01
8600400	F291	BR5151	317F	1	1106	86/11/01	86/11/01
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8600400	F291	BR5165	317F	1	1388	86/11/01	86/11/01
8600400	F291	BR5166	317F	1	5542	86/11/01	86/11/01
8600400	F291	BR5167	317F	1	8322	86/11/01	86/11/01
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8600400	F291	BR5170	317F	1	6892	86/11/01	86/11/01
8600400	F291	BR5171	317F	1	6500	86/11/01	86/11/01
8600400	F291	BR5172	317F	1	6998	86/11/01	86/11/01
8600400	F291	BR5173	317F	1	6910	86/11/01	86/11/01
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8600400	F291	BR5175	317F	1	478	86/11/01	86/11/01
8600400	F291	BR5176	317F	1	474	86/11/01	86/11/01
8600400	F291	BR5177	317F	1	1788	86/11/01	86/11/01
8600400	F291	BR5178	317F	1	6942	86/11/01	86/11/01
8600400	F291	BR5179	317F	1	6992	86/11/01	86/11/01
8600400	F291	BR5180	317F	1	7012	86/11/01	86/11/01
8600400	F291	BR5181	317F	1	6162	86/11/04	86/11/04
8600400	F291	BR5182	317F	1	8340	86/11/01	86/11/01
8600400	F291	BR5183	317F	1	1382	86/11/01	86/11/01
8600400	F291	BR5184	317F	1	804	86/11/01	86/11/01
8600400	F291	BR5185	317F	1	6924	86/11/01	86/11/01
8600400	F291	BR5186	317F	1	7492	86/11/01	86/11/01
8600400	F291	BR5187	317F	1	1394	86/11/01	86/11/01
8600400	F291	BR5188	317F	1	1386	86/11/01	86/11/01
8600400	F291	BR5189	317F	1	8258	86/11/01	86/11/01
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8600400	F291	BR5191	317F	1	8330	86/11/01	86/11/01
8600400	F291	BR5192	317F	1	6942	86/11/01	86/11/01
8600400	F291	BR5203	317F	1	1390	86/11/01	86/11/01
8600400	F291	BR5204	317F	1	1438	86/11/01	86/11/01
8600400	F291	BR5205	317F	1	1402	86/11/01	86/11/01

8600400	F291	BR5206	317F	1	1432	86/11/01	86/11/01
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8600400	F291	BR5209	317F	1	1436	86/11/01	86/11/01
8600400	F291	BR5210	317F	1	1412	86/11/01	86/11/01
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8600400	F291	BR5213	317F	1	1432	86/11/01	86/11/01
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8600400	F291	BR5215	317F	1	1438	86/11/01	86/11/01
8600400	F291	BR5216	317F	1	1386	86/11/01	86/11/01
8600400	F291	BR5217	317F	1	1434	86/11/01	86/11/01
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8600400	F291	BR5221	317F	1	1434	86/11/01	86/11/01
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8600400	F291	BR5225	317F	1	1438	86/11/01	86/11/01
8600400	F291	BR5226	317F	1	1420	86/11/01	86/11/01
8600400	F291	BR5227	317F	1	1384	86/11/01	86/11/01
8600400	F291	BR5228	317F	1	1392	86/11/01	86/11/01
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8600400	F291	BR5230	317F	1	1134	86/11/01	86/11/01
8600400	F291	BR5231	317F	1	1438	86/11/01	86/11/01
8600400	F291	BR5232	317F	1	1270	86/11/01	86/11/01
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8600400	F291	BR5238	317F	1	1434	86/11/01	86/11/01
8600400	F291	BR5239	317F	1	1426	86/11/01	86/11/01
8600400	F291	BR5240	317F	1	1378	86/11/01	86/11/01
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