

Reference #

BR3972-3985

ACCESSION NUMBER

8600079

F7191

DATA DOCUMENTATION FORM

January 1986

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

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

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

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

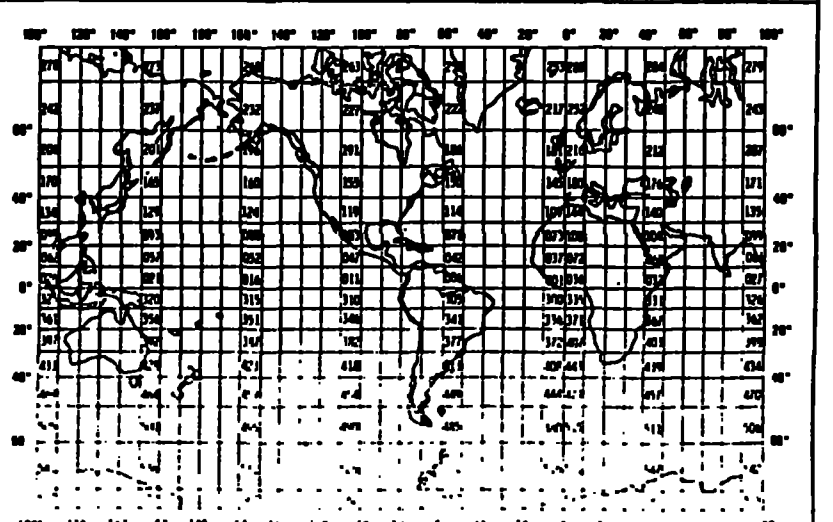
1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Sallie P. Nolan NOAA / National Data Buoy Center NSTL Station, MS 39529		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED TOGA			

4. PLATFORM NAME(S) N/A	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) BUOY	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
			USA	01/01/86	01/31/86

8. ARE DATA PROPRIETARY?  
 NO  YES  
 IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR \_\_\_\_\_ MONTH \_\_\_\_\_

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

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?  
 (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  
 NO  YES  PART (SPECIFY BELOW)



PERSON TO WHOM INQUIRIES CONCERNING THIS DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  
 Sallie P. Nolan  
 8-494-1721

Reference #

BR3986-4011

ACCESSION NUMBER

8600079

DATA DOCUMENTATION FORM

Jan. 1986

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. Nolan NOAA / National Data Buoy Center NSTL Station, MS 39529			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED TOGA		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
4. PLATFORM NAME(S) N/A	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) BUOY	6. PLATFORM AND OPERATOR NATIONALITY(IES) usa	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 01/01/86 01/31/86
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)			
PERSON TO WHOM INQUIRIES CONCERNING THIS DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Sallie P. Nolan 8-494-1721			

Reference #

BR 4012-4048

ACCESSION NUMBER

8600079

FT191

DATA DOCUMENTATION FORM

Jan. 1986

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

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

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

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

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

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
TOGA

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

4. PLATFORM NAME(S)
N/A

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

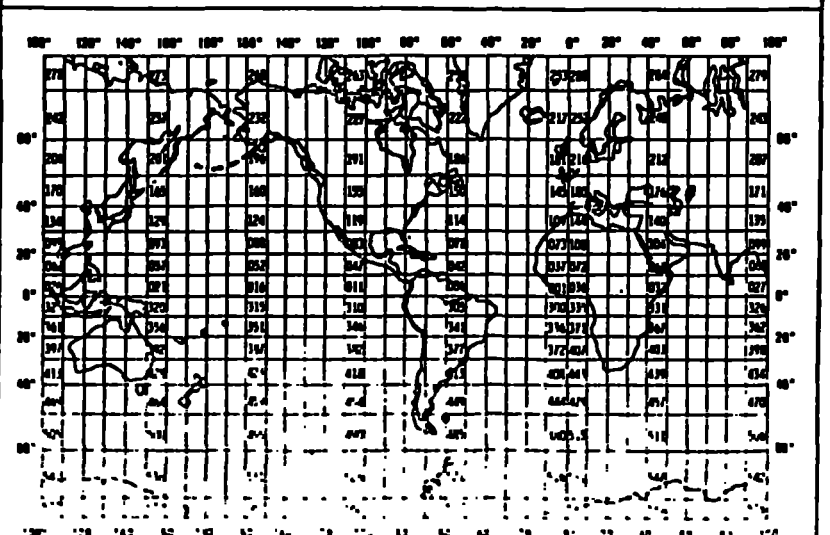
6. PLATFORM AND OPERATOR NATIONALITY(IES)
usa

7. DATES
FROM: 01/01/86 TO: 01/31/86

8. ARE DATA PROPRIETARY?
[X] NO [ ] YES
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

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

9. ARE DATA DECLARED NATIONAL PROGRAM (ONP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)
[X] NO [ ] YES [ ] PART (SPECIFY BELOW)



10. PERSON TO WHOM INQUIRIES CONCERNING THIS DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)
Sallie P. Nolan
8-494-1721

## 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  CONOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

**4. RESPONSIBLE COMPUTER SPECIALIST:**

NAME AND PHONE NUMBER \_\_\_\_\_  
 ADDRESS \_\_\_\_\_

**COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE**

<p><b>5. RECORDING MODE</b></p> <p><input type="checkbox"/> BCD    <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII    <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p><b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input checked="" type="checkbox"/> 3/4 INCH  <input type="checkbox"/> _____</p>
<p><b>6. NUMBER OF TRACKS (CHANNELS)</b></p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p><b>10. END OF FILE MARK</b></p> <p><input checked="" type="checkbox"/> OCTAL 17  <input type="checkbox"/> _____</p>
<p><b>7. PARITY</b></p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p><b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b></p>
<p><b>8. DENSITY</b></p> <p><input type="checkbox"/> 200 BPI    <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p><b>12. PHYSICAL BLOCK LENGTH IN BYTES</b></p> <p style="text-align: center;">4080</p>
	<p><b>13. LENGTH OF BYTES IN BITS</b></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 (No., Min, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>DESCRIPTIVE HEADER RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"1" Descriptive header record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
LATITUDE	27	6		3I2	Degrees, Minutes, Seconds
LAT. HEMISPHERE	33	1		A1	"N" or "S" Hemisphere
LONGITUDE	34	7		I3, 2I2	Degrees, Minutes, Seconds
LONG. HEMISPHERE	41	1		A1	"E" or "W" Hemisphere
BOTTOM DEPTH	42	5		I5	Meters to tenths
MAGNETIC VARIATION	47	4		I4	Whole degrees from true north (signed value)
BUOY HEADING*	51	3		I3	Whole degrees from true north
WAVE SAMPLING RATE*	54	4		I4	Original measurements per minute to tenths
WAVE SAMPLING DURATION*	58	4		I4	Minutes to hundredths
WAVE TOTAL INTERVALS*	62	3		I3	Number of frequency intervals
CHIEF SCIENTIST	65	20		A20	(optional)
INSTITUTION	85	20		A20	Data source
WIND SAMPLING DURATION	105	3		I3	Minutes to tenths
COMMENTS	108	13		A13	
*for buoy data only					
<b>ENVIRONMENTAL DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"2" (environmental data rec.)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
ALTITUDE	27	3		I3	Meteorology alt., meters to tenths
AIR TEMP	30	4		I4	Temperature, Celsius to tenths
DEW POINT	34	4		I4	Temperature, Celsius to tenths
BAROMETER	38	5		I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4		I4	Meters/sec. to hundredths
WIND DIRECTION	47	4		I4	From true north, degrees to tenths
WEATHER	51	1		I1	Current weather (WMO Code 4501)
VISIBILITY	52	3		I3	Nautical miles, to tenths

**RECORD FORMAT DESCRIPTION**

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (No. Mts. by Sec)	16. 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.) AVERAGING PERIOD	107	2		I2	Seconds
WIND GUST	109	4		I4	Meters/sec. to hundredths
WIND GUST	113	2		I2	Seconds
WIND SPEED(58 min. average)	115	3		I3	Meters/sec. to tenths whole degrees
WIND DIRECTION(58 min. average)	118	3		I3	Whole degrees
<b>WAVE SPECTRA DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1		A1	"3"(Wave Spectra Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
INTERVALS PER DIRECTION	27	3		I3	Zero for non-directional spectra, or total number of frequencies in this direction
DIRECTION	30	4		I4	Blank for non-directional spectra, or degrees to tenths from true N for frequencies on this record

## RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 10m, 2yrs)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>WAVE SPECTRA DATA RECORD (cont'd)</b>					
COUNT	34	1		I1	Number of frequencies on this record
DATA	35	70		5(2I4,I6)	Up to 5 Frequency, Resolution, Density fields. Null fields blank
Frequency	35, 49, 63 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 <sup>2</sup> /Hz to thousandths
BLANKS	105	16		16X	Fill the fixed length record
<b>SUBSURFACE TEMPERATURE DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"4" (Subsurface Temperature Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
DATA	27	90		10(I5,I4)	Up to 10 Depth and temperature fields
Depth	27, 36, 45 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
<b>SUBSURFACE DATA RECORD</b>					
FILE TYPE	1	3		A3	"191" (constant)
FILE DATE	4	6		3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1		A1	"5" (Subsurface Data Record)
STATION	11	6		A6	Unique name of observation point
OBSERVED DATE	17	6		3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4		2I2	Hours, Minutes (GMT)
DATA	27	90		3(I5,I5,I5 I5,I5,I5)	Up to 3 Depth, U Component, V Component, Pressure, Conductivity, Salinity fields
Depth	27, 57, 87	5		I5	Obs. Level, meters to tenths

# RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

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



RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. Min, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES</b>					
FILE TYPE	1	3	Bytes	I3	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "6"
STATION NUMBER	11	6	Bytes	A6	Unique name of observation point
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hours, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval in Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
CO-SPECTRA C <sub>11</sub>	36	6	Bytes	Signed Integers I6	Up to 9 <u>uncorrected</u> values of Co and Quad spectra in meters squared/Hz. The order these spectra are presented is: C <sub>11</sub> , C <sub>22</sub> , C <sub>33</sub> , C <sub>12</sub> , Q <sub>12</sub> , C <sub>13</sub> , Q <sub>13</sub> , C <sub>23</sub> , and Q <sub>23</sub>
EXPONENT	42	2	Bytes	I2	Where subscripts are defined as follows: 1. Heave 2. E-W Slope 3. N-S Slope  If the exponent is less than -9 the exponent and its associated spectra should be zero
CO-SPECTRA C <sub>22</sub>	44	6	Bytes	I6	
EXPONENT	50	2	Bytes	I2	
CO-SPECTRA C <sub>33</sub>	52	6	Bytes	I6	
EXPONENT	58	2	Bytes	I2	
CO-SPECTRA C <sub>12</sub>	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	
QUAD-SPECTRA Q <sub>12</sub>	68	6	Bytes	I6	
EXPONENT	74	2	Bytes	I2	
CO-SPECTRA C <sub>13</sub>	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
QUAD-SPECTRA Q <sub>13</sub>	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
CO-SPECTRA C <sub>23</sub>	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
QUAD-SPECTRA Q <sub>23</sub>	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
C <sub>22</sub> - C <sub>33</sub>	108	6	Bytes	I6	
EXPONENT	114	2	Bytes	I2	
BLANKS	116	5	Bytes	5x	

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g. Mb, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<b>ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES</b>					
FILE TYPE	1	3	Bytes	I3	Always "191"
BLANK	4	6	Bytes	6x	Blank - for use by NODC
RECORD TYPE	10	1	Bytes	A1	Always "7"
STATION NUMBER	11	6	Bytes	A6	Same as "1"
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day. (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hour, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
ANGULAR FOURIER	36	6	Bytes	signed integers I6	Up to 9 <u>corrected</u> values of the angular fourier coefficients in meters <sup>2</sup> /Hz. The order of these coefficients is: $a_0, a_1, b_1, a_2, b_2, a_3, b_3, a_4, b_4$
EXPONENT	42	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	44	6	Bytes	I6	
EXPONENT	50	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	52	6	Bytes	I6	
EXPONENT	58	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	60	6	Bytes	I6	
EXPONENT	66	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	68	6	Bytes	I6	
EXPONENT	74	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
ANGULAR FOURIER COEFFICIENT	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
MEAN WAVE DIRECTION	108	3	Bytes	I3	Mean wave direction given by $\arctan b_1/a_1$ in whole degrees from true north(opt. entry)
BLANKS	111	10	Bytes	10X	Blanks

PARAMETER	DESCRIPTION	8C
<b>DIRECTIONAL WAVE PARAMETER</b>		
RECORD	Always '8'	10
STATION	See Record '1'	11
OBSERVED DATE (GMT)	YYMMDD	17
OBSERVED TIME	HHMM	23
COUNT	X - Number of Frequencies on this Record (=1,2,or3)	27
FREQUENCY	XXXX - Center of Band in HZ to Ten-Thousandths	28
RESOLUTION (BANDWIDTH)	XXXX - Bandwidth in HZ to Ten-Thousandths	32
R1 (see below)	XXXX - Recorded to Nearest Hundredth	36
R2 (see below)	XXXX - Recorded to Nearest Hundredth	40
A1 (see below)	XXXX - Recorded in Degrees to Tenths	44
A2 (see below)	XXXX - Recorded in Degrees to Tenths	48
Cl18 (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
Cl18 (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
Cl18 (see below)	XXXXXX - Recorded in Meters Squared/HZ to Thousandths	112
BLANKS		118

**NOTE:** DIRECTIONAL WAVE SPECTRA =  $S(F,A) \cdot D(F,A)$ , in which  $F$  = FREQ(HZ),  $A$  = Azimuth Angle measured clockwise from North to direction wave is from.  $D(F,A) = (1/PI) \cdot ((1/2) + R1 \cdot \cos(A-A1) + R2 \cdot \cos(2 \cdot (A-A2)))$ , in which  $R1$  and  $R2$  are dimensionless and  $A1$  and  $A2$  are respectively mean and principal wave directions. In terms of Longuet-Higgins Fourier Coefficients,  $R1 = (\text{SQRT}(A1 \cdot A1 + B1 \cdot B1)) / A0$ ,  $R2 = (\text{SQRT}(A2 \cdot A2 + B2 \cdot B2)) / A0$ ,  $A1 = \text{ARCTAN}(B1, A1)$ ,  $A2 = (1/2) \text{ARCTAN}(B2, A2) + 0$  or  $PI$ .  $Cl18(M^2M/HZ) = (C22 + C33) / (K^2K)$  in which  $K$ , the propagation constant, is the solution to  $W^2W = G \cdot K \cdot \text{TANH}(K \cdot D)$ , in which  $W = 2 \cdot PI \cdot F$ ,  $G = 9.806 \text{ M}/(\text{SEC} \cdot \text{SEC})$ , and  $D$  is mean water depth in meters.

TO: E/OC12 - C. Noe  
E/OC11 - P. Hadsell  
FROM: E/OC13 - A. Picciolo  
DATE: June 29, 1988  
SUBJECT: Data Transfer

~~8800079~~  
8600079

The following listed data sets have been transferred as indicated:

---

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ARCHIVE AND INVENTORIES BRANCH (E/OC11)

----- Level II -----

Wind/Wave Spectra (F191)

✓ Acc: 8600079 Ref: BR3972 - 4048 77 stations 313,514 records  
NDBC January 1986 replacement

Drifting Buoys (F156)

Acc: 8800150 Ref: TV1501 - 1602 102 stations 21,879 records  
NDBC TOGA March 1988

cc: Division Director

DINDB QUERY LISTING  
06/29/1988

ACC-NO	REFNO	F-A	PROJ	INST	PLAT	CRUISE	***CRUISE START	DATES*** END	STA IN	STA OUT
8600079	BR3972	F191	****	313B	317F	41001	01/01/1986	01/31/1986	1	0
	BR3973	F191	****	313B	317F	41006	01/01/1986	01/31/1986	1	0
	BR3974	F191	****	313B	317F	41007	01/18/1986	01/31/1986	1	0
	BR3975	F191	****	313B	317F	42001	01/01/1986	01/31/1986	1	0
	BR3976	F191	****	313B	317F	42002	01/01/1986	01/31/1986	1	0
	BR3977	F191	****	313B	317F	42003	01/01/1986	01/31/1986	1	0
	BR3978	F191	****	313B	317F	44004	01/01/1986	01/31/1986	1	0
	BR3979	F191	****	313B	317F	44005	01/01/1986	01/31/1986	1	0
	BR3980	F191	****	313B	317F	44007	01/01/1986	01/31/1986	1	0
	BR3981	F191	****	313B	317F	44008	01/01/1986	01/12/1986	1	0
	BR3982	F191	****	313B	317F	44011	01/01/1986	01/31/1986	1	0
	BR3983	F191	****	313B	317F	44012	01/01/1986	01/31/1986	1	0
	BR3984	F191	****	313B	317F	44013	01/01/1986	01/31/1986	1	0
	BR3985	F191	****	313B	317F	45001	01/01/1986	01/31/1986	1	0
	BR3986	F191	****	313B	317F	46001	01/01/1986	01/31/1986	1	0
	BR3987	F191	****	313B	317F	46002	01/01/1986	01/31/1986	1	0
	BR3988	F191	****	313B	317F	46003	01/01/1986	01/31/1986	1	0
	BR3989	F191	****	313B	317F	46004	01/01/1986	01/31/1986	1	0
	BR3990	F191	****	313B	317F	46006	01/01/1986	01/31/1986	1	0
	BR3991	F191	****	313B	317F	46010	01/01/1986	01/14/1986	1	0
	BR3992	F191	****	313B	317F	46011	01/01/1986	01/31/1986	1	0
	BR3993	F191	****	313B	317F	46012	01/01/1986	01/31/1986	1	0
	BR3994	F191	****	313B	317F	46013	01/01/1986	01/29/1986	1	0
	BR3995	F191	****	313B	317F	46014	01/01/1986	01/31/1986	1	0

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600079	BR3996	F191		313B	317F	46016	01/01/86	01/31/86	1	494
8600079	BR3997	F191		313B	317F	46017	01/01/86	01/31/86	1	496
8600079	BR3998	F191		313B	317F	46022	01/01/86	01/31/86	1	8,862
8600079	BR3999	F191		313B	317F	46023	01/01/86	01/31/86	1	7,362
8600079	BR4000	F191		313B	317F	46025	01/23/86	01/31/86	1	2,150
8600079	BR4001	F191		313B	317F	46026	01/01/86	01/31/86	1	7,172
8600079	BR4002	F191		313B	317F	46027	01/01/86	01/31/86	1	7,404
8600079	BR4003	F191		313B	317F	46028	01/01/86	01/31/86	1	8,906
8600079	BR4004	F191		313B	317F	46029	01/07/86	01/31/86	1	1,146
8600079	BR4005	F191		313B	317F	46030	01/01/86	01/31/86	1	1,488
8600079	BR4006	F191		313B	317F	46035	01/01/86	01/31/86	1	7,396
8600079	BR4007	F191		313B	317F	51001	01/01/86	01/31/86	1	8,908
8600079	BR4008	F191		313B	317F	51002	01/01/86	01/31/86	1	8,918
8600079	BR4009	F191		313B	317F	51003	01/01/86	01/31/86	1	8,892
8600079	BR4010	F191		313B	317F	51004	01/01/86	01/31/86	1	8,894
8600079	BR4011	F191		313B	317F	51005	01/01/86	01/31/86	1	7,452
8600079	BR4012	F191		313B	317F	ALRF1	01/01/86	01/31/86	1	1,486
8600079	BR4013	F191		313B	317F	ALSN6	01/01/86	01/31/86	1	1,482
8600079	BR4014	F191		313B	317F	BURL1	01/01/86	01/31/86	1	1,482
8600079	BR4015	F191		313B	317F	BUZM3	01/01/86	01/31/86	1	1,484
8600079	BR4016	F191		313B	317F	CARO3	01/01/86	01/31/86	1	1,486
8600079	BR4017	F191		313B	317F	CHLV2	01/01/86	01/31/86	1	1,482

DINDB QUERY LISTING  
06/29/1988

ACC-NO	REFNO	F-A	PROJ	INST	PLAT	CRUISE	***CRUISE START	DATES*** END	STA IN	STA OUT
8600079	BR4018	F191	****	313B	317F	CLKN7	01/01/1986	01/31/1986	1	0
*	BR4019	F191	****	313B	317F	CSBF1	01/01/1986	01/31/1986	1	0
*	BR4020	F191	****	313B	317F	DBLN6	01/12/1986	01/31/1986	1	0
*	BR4021	F191	****	313B	317F	DESW1	01/01/1986	01/31/1986	1	0
*	BR4022	F191	****	313B	317F	DISW3	01/01/1986	01/31/1986	1	0
*	BR4023	F191	****	313B	317F	DSLX7	01/01/1986	01/31/1986	1	0
*	BR4024	F191	****	313B	317F	FBIS1	01/01/1986	01/31/1986	1	0
*	BR4025	F191	****	313B	317F	FFIA2	01/01/1986	01/31/1986	1	0
*	BR4026	F191	****	313B	317F	FPSN7	01/01/1986	01/31/1986	1	0
*	BR4027	F191	****	313B	317F	GDIL1	01/01/1986	01/31/1986	1	0
*	BR4028	F191	****	313B	317F	GLLN6	01/01/1986	01/31/1986	1	0
*	BR4029	F191	****	313B	317F	IOSN3	01/01/1986	01/31/1986	1	0
*	BR4030	F191	****	313B	317F	LKWF1	01/01/1986	01/31/1986	1	0
*	BR4031	F191	****	313B	317F	MDRM1	01/01/1986	01/31/1986	1	0
*	BR4032	F191	****	313B	317F	MISM1	01/01/1986	01/31/1986	1	0
*	BR4033	F191	****	313B	317F	NWPO3	01/01/1986	01/31/1986	1	0
*	BR4034	F191	****	313B	317F	PILM4	01/10/1986	01/31/1986	1	0
*	BR4035	F191	****	313B	317F	PTAC1	01/01/1986	01/31/1986	1	0
*	BR4036	F191	****	313B	317F	PTAT2	01/01/1986	01/31/1986	1	0
*	BR4037	F191	****	313B	317F	PTGC1	01/01/1986	01/31/1986	1	0
*	BR4038	F191	****	313B	317F	SBIO1	01/01/1986	01/31/1986	1	0
*	BR4039	F191	****	313B	317F	SGNW3	01/01/1986	01/31/1986	1	0
*	BR4040	F191	****	313B	317F	SISW1	01/01/1986	01/31/1986	1	0
*	BR4041	F191	****	313B	317F	SJLF1	01/01/1986	01/31/1986	1	0
*	BR4042	F191	****	313B	317F	SPGF1	01/01/1986	01/22/1986	1	0
*	BR4043	F191	****	313B	317F	SRST2	01/01/1986	01/31/1986	1	0
*	BR4044	F191	****	313B	317F	STDM4	01/01/1986	01/31/1986	1	0
*	BR4045	F191	****	313B	317F	SVLS1	01/01/1986	01/31/1986	1	0
*	BR4046	F191	****	313B	317F	TPLM2	01/01/1986	01/31/1986	1	0
*	BR4047	F191	****	313B	317F	TTIW1	01/01/1986	01/31/1986	1	0
*	BR4048	F191	****	313B	317F	WPOW1	01/01/1986	01/31/1986	1	0

>DITTO WH C21 EQ



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

June 3, 1988

F1804-02  
DB3:88-273  
SPN:im

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

Dear Ms. Green:

Enclosed is a rerun of the January 1986 archive data. This rerun corrects all known problems. Please replace the data currently in your files with these data, and previously received tapes.

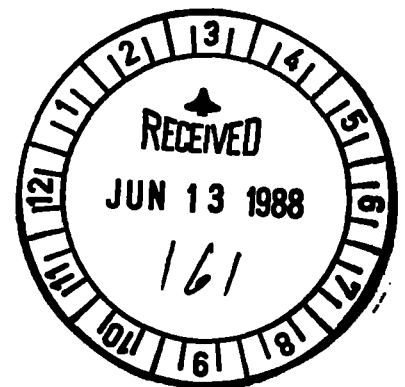
If you have any questions, contact B. G. Redmon at FTS 494\_2834.

Sincerely,

*Sallie P. Nolan*

Sallie P. Nolan  
ADP Manager

Enclosure





**Tape 1**

41001 01018600-01318623  
41006 01018600-01318623  
41007 01188618-01318623  
42001 01018600-01318623  
42002 01018600-10131863  
42003 01018600-01318623  
44004 01018600-01318623  
44005 01018600-01318623  
44007 01018600-01318623  
44008 01018600-01128613  
44011 01018600-01318623  
44012 01018600-01318623  
44013 01018600-01318623  
45001 01018600-01318621

**Tape 2**

46001 01018600-01318623  
46002 01018600-01318623  
46003 01018600-01318623  
46004 01018600-01318623  
46006 01018600-01318623  
46010 01018622-01148620  
46011 01018600-01318623  
46012 01018600-01318623  
46013 01018600-01298613  
46014 01018600-01318623  
46016 01018600-01318623  
46017 01018600-01318623  
46022 01018600-01318623  
46023 01018600-01318623  
46025 01238600-01318623  
46026 01018600-01318623  
46027 01018600-01318623  
46028 01018600-01318623  
46029 01078617-01318623  
46030 01018600-01318623  
46035 01018600-01318623  
51001 01018600-01318623  
51002 01018600-01318623  
51003 01018600-01318623

51004 01018600-01318623  
51005 01018600-01318623

**Tape 3**

ALRF1 01018600-01318623  
ALSN6 01018600-01318623  
BURL1 01018600-01318623  
BUZM3 01018600-01318623  
CARO3 01018600-01318623  
CHLV2 01018600-01318623  
CLKN7 01018600-01318623  
CSBF1 01018600-01318623  
DBLN6 01128600-01318623  
DESW1 01018600-01318623  
DISW3 01018600-01318623  
DSLN7 01018600-01318623  
FBIS1 01018600-01318623  
FFIA2 01018600-01318623  
FPSN7 01018600-01318623  
GDIL1 01018600-01318623  
GLLN6 01018600-01318623  
IOSN3 01018600-01318623  
LKWF1 01018600-01318623  
MDRM1 01018600-01318623  
MISM1 01018600-01318623  
NWPO3 01018600-01318623  
PILM4 01108616-01318623  
PTAC1 01018600-01318623  
PTAT2 01018600-01318623  
PTGC1 01018600-01318623  
SBIO1 01018600-01318623  
SGNW3 01018600-01318623  
SISW1 01018600-01318623  
SJLF1 01018600-01318623  
SPGF1 01018600-01228610  
SRST2 01018600-01318623  
STDM4 01018600-01318623  
SVLS1 01018600-01318623  
TPLM2 01018600-01318623  
TTIW1 01018600-01318623  
WPOW1 01018600-01318623



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

February 26, 1986

F822  
DB3:86-0056  
SPN: sbw

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

Dear Ms. Green:

The following list of stations, their latitudes, longitudes, and deployment dates give the correct position for these stations and should have been used since their deployment:

<u>Station</u>	<u>Lat/Long</u>	<u>Deployment</u>
44005	42.7/68.3	9/13/84
46003	51.9/155.9	12/2/84
51004	17.5/152.6	11/8/84
SVLS1	32.0/80.7	5/16/85

The January 1986 archive tapes contain the correct positions.

Questions should be directed to Mr. Bobby Redmon, FTS 494-2834.

Sincerely,

*Sallie P. Nolan*

Sallie P. Nolan  
ADP Manager

cc:DBSC - Bobby Redmon  
DBSC - Warren Traub



ADP FACILITIES REQUEST FORM

USER NAME <i>Green, J.</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>6-14-88</i>	DATE DUE	BIN # <i>27</i>
ELEMENT 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	
	<i>A00184</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
INPUT	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	
OUTPUT	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>68 06 13 88</i>	<i>6/14/88</i>	<i>09:50</i>	<i>09:55</i>	<i>C</i>	<i>COMPLETED BY J.S</i>

*9.11.1980  
1073  
F7191*

ADP FACILITIES REQUEST FORM

USER NAME <i>D. Green</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>6-14-88</i>	DATE DUE	BIN # <i>27</i>
------------------------------	---------	------------	----------------------------------	----------	--------------------

APPLICABLE 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	<i>A00185</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
	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
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>88061401</i>	<i>6/14/88</i>	<i>07:40</i>	<i>09:45</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

REMARKS

*Jan. 86.*  
*2073*  
*F. 7/91*

ADP FACILITIES REQUEST FORM

USER NAME <i>W. J. ...</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>6-14-88</i>	DATE DUE	BIN # <i>29</i>
-------------------------------	---------	------------	----------------------------------	----------	--------------------

MENT TO BE USED AND FUNCTION TO BE PREFORMED

*Scan*

INPUT MEDIUM PAPER <del>CARD</del> <del>DISK</del> <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD <del>DISK</del> <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	<i>A00186</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>N/L</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
	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
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

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>88061401</i>	<i>6/14/88</i>	<i>09:30</i>	<i>09:35</i>	<i>C</i>	<i>COMPLETED BY J.S</i>

MENTS

*Jan 81*  
*303*  
*174*

ADP FACILITIES REQUEST FORM

USER NAME <i>Green, John</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>6-14-83</i>	DATE DUE	BIN # <i>217</i>
---------------------------------	---------	------------	----------------------------------	----------	---------------------

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*Copy to 'w' tape and scan output*

INPUT MEDIUM PAPER <input type="checkbox"/> CARD <input type="checkbox"/> DISK <input type="checkbox"/> <b>TAPE</b> <input checked="" type="checkbox"/> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD <input type="checkbox"/> DISK <input type="checkbox"/> <b>PRINT</b> <input checked="" type="checkbox"/> <b>TAPE</b> <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	<i>100184</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NI</i>	<i>FB</i>	<i>120</i>	<i>4800</i>	<i>1</i>
	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
OUTPUT	<i>100185</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NI</i>	<i>FB</i>	<i>120</i>	<i>4800</i>	<i>1</i>
	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

*Procedure BRBU04 13*

ESTIMATED  
EXECUTION  
TIME

*Mitch 3972 Data*

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>18061406</i>	<i>6/15/88</i>	<i>6:44</i>	<i>6:52</i>	<i>C</i>	<i>COMPLETED BY J.S</i>

COMMENTS

*Send to Ashmeade*

*Jan 86  
1073  
FT191*

USER NAME <i>G. J. ...</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>2-14-88</i>	DATE DUE	B1
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*copy to 1/4 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	<i>A00185</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4500</i>	<i>1</i>
	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
OUTPUT	<i>A00185</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4500</i>	<i>1</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

*Procedure BRBUOK 14*

ESTIMATED  
EXECUTION  
TIME

*Unit 3986, Data*

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>88061406</i>	<i>6/15/88</i>	<i>14:34</i>	<i>16:10</i>	<i>C</i>	<i>COMPLETED BY J.S</i>

COMMENTS

*Send to Asheville*

*Jan 86*

*20, 3*



USER NAME <i>Mitch</i>	PHONE #	ORG/TASK #	DATE SUBMITTED <i>6-14-81</i>	DATE DUE	BIN # <i>27</i>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*Copy to 'W' 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	<i>160186</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4800</i>	<i>1</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			
OUTPUT	<i>1608592</i>		<i>9</i>	<i>1600</i>	<i>odd</i>	<i>NL</i>	<i>FB</i>	<i>120</i>	<i>4800</i>	<i>1</i>
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			

SPECIAL INSTRUCTIONS

*Procedure REBU4 15*

ESTIMATED  
EXECUTION  
TIME

*Mitch 4012 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>85061407</i>	<i>6/16/81</i>	<i>09:44</i>	<i>12:15</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

COMMENTS *Send to Ashville*

*Jan 86  
3073*

ACCESSION NO 2600079

FILETYPE F7791

TRACK NO BR39723985

PROJECT IDENTIFICATION 706A

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECOR
ORIG. TAPE	6-27-88	(05)	ADQ154	1	120	4080	
DUPLICATE TAPE	6-27-88	(95)	W09556*	1	120	4800	
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.)

D191P      BR3972      86,012 records

ACCESSION NO 260079

FILETYPE F7791

TRACK NO 023986-4011

PROJECT IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECOR
ORIG. TAPE	6-27-88	(D)	A00186	1	120	4080	
DUPLICATE TAPE	6-27-88	(D)	W08570 *	1	120	4800	
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.)

BR3986.

173,000 records

ACCESSION NO. 8600079

FILETYPE ET191

TRACK NO. BR4012-4048

PROJECT IDENTIFICATION 70613

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECO
ORIG. TAPE	6-29-88	(03)	A00185	1	120	4080	1
DUPLICATE TAPE	6-29-88	(03)	W108592*	1	120	4800	
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.)

BR4012.

54,450 records

## Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8600079	F291	BR3972	9999	313B	317F	1986/01/01	41001	159679
8600079	F291	BR3973	9999	313B	317F	1986/01/01	41006	159680
8600079	F291	BR3974	9999	313B	317F	1986/01/18	41007	159681
8600079	F291	BR3975	9999	313B	317F	1986/01/01	42001	159682
8600079	F291	BR3976	9999	313B	317F	1986/01/01	42002	159683
8600079	F291	BR3977	9999	313B	317F	1986/01/01	42003	159684
8600079	F291	BR3978	9999	313B	317F	1986/01/01	44004	159685
8600079	F291	BR3979	9999	313B	317F	1986/01/01	44005	159686
8600079	F291	BR3980	9999	313B	317F	1986/01/01	44007	159687
8600079	F291	BR3981	9999	313B	317F	1986/01/01	44008	159688
8600079	F291	BR3982	9999	313B	317F	1986/01/01	44011	159689
8600079	F291	BR3983	9999	313B	317F	1986/01/01	44012	159690
8600079	F291	BR3984	9999	313B	317F	1986/01/01	44013	159691
8600079	F291	BR3985	9999	313B	317F	1986/01/01	45001	159692
8600079	F291	BR3986	9999	313B	317F	1986/01/01	46001	159693
8600079	F291	BR3987	9999	313B	317F	1986/01/01	46002	159694
8600079	F291	BR3988	9999	313B	317F	1986/01/01	46003	159695
8600079	F291	BR3989	9999	313B	317F	1986/01/01	46004	159696
8600079	F291	BR3990	9999	313B	317F	1986/01/01	46006	159697
8600079	F291	BR3991	9999	313B	317F	1986/01/01	46010	159698
8600079	F291	BR3992	9999	313B	317F	1986/01/01	46011	159699
8600079	F291	BR3993	9999	313B	317F	1986/01/01	46012	159700
8600079	F291	BR3994	9999	313B	317F	1986/01/01	46013	159701
8600079	F291	BR3995	9999	313B	317F	1986/01/01	46014	159702
8600079	F291	BR4018	9999	313B	317F	1986/01/01	CLKN7	159703
8600079	F291	BR4019	9999	313B	317F	1986/01/01	CSBF1	159704
8600079	F291	BR4020	9999	313B	317F	1986/01/12	DBLN6	159705
8600079	F291	BR4021	9999	313B	317F	1986/01/01	DESW1	159706
8600079	F291	BR4022	9999	313B	317F	1986/01/01	DISW3	159707
8600079	F291	BR4023	9999	313B	317F	1986/01/01	DSLN7	159708
8600079	F291	BR4024	9999	313B	317F	1986/01/01	FBIS1	159709
8600079	F291	BR4025	9999	313B	317F	1986/01/01	FFIA2	159710
8600079	F291	BR4026	9999	313B	317F	1986/01/01	FPSN7	159711
8600079	F291	BR4027	9999	313B	317F	1986/01/01	GDIL1	159712
8600079	F291	BR4028	9999	313B	317F	1986/01/01	GLLN6	159713
8600079	F291	BR4029	9999	313B	317F	1986/01/01	IOSN3	159714
8600079	F291	BR4030	9999	313B	317F	1986/01/01	LKWF1	159715
8600079	F291	BR4031	9999	313B	317F	1986/01/01	MDRM1	159716
8600079	F291	BR4032	9999	313B	317F	1986/01/01	MISM1	159717
8600079	F291	BR4033	9999	313B	317F	1986/01/01	NWPO3	159718
8600079	F291	BR4034	9999	313B	317F	1986/01/10	PILM4	159719
8600079	F291	BR4035	9999	313B	317F	1986/01/01	PTAC1	159720
8600079	F291	BR4036	9999	313B	317F	1986/01/01	PTAT2	159721
8600079	F291	BR4037	9999	313B	317F	1986/01/01	PTGC1	159722
8600079	F291	BR4038	9999	313B	317F	1986/01/01	SBIO1	159723
8600079	F291	BR4039	9999	313B	317F	1986/01/01	SGNW3	159724
8600079	F291	BR4040	9999	313B	317F	1986/01/01	SISW1	159725
8600079	F291	BR4041	9999	313B	317F	1986/01/01	SJLF1	159726
8600079	F291	BR4042	9999	313B	317F	1986/01/01	SPGF1	159727
8600079	F291	BR4043	9999	313B	317F	1986/01/01	SRST2	159728
8600079	F291	BR4044	9999	313B	317F	1986/01/01	STDM4	159729
8600079	F291	BR4045	9999	313B	317F	1986/01/01	SVLS1	159730
8600079	F291	BR4046	9999	313B	317F	1986/01/01	TPLM2	159731
8600079	F291	BR4047	9999	313B	317F	1986/01/01	TTIW1	159732
8600079	F291	BR4048	9999	313B	317F	1986/01/01	WPOW1	159733
8600079	F291	BR3996	9999	313B	317F	1986/01/01	46016	159734

8600079	F291	BR3997	9999	313B	317F	1986/01/01	46017	159735
8600079	F291	BR3998	9999	313B	317F	1986/01/01	46022	159736
8600079	F291	BR3999	9999	313B	317F	1986/01/01	46023	159737
8600079	F291	BR4000	9999	313B	317F	1986/01/23	46025	159738
8600079	F291	BR4001	9999	313B	317F	1986/01/01	46026	159739
8600079	F291	BR4002	9999	313B	317F	1986/01/01	46027	159740
8600079	F291	BR4003	9999	313B	317F	1986/01/01	46028	159741
8600079	F291	BR4004	9999	313B	317F	1986/01/07	46029	159742
8600079	F291	BR4005	9999	313B	317F	1986/01/01	46030	159743
8600079	F291	BR4006	9999	313B	317F	1986/01/01	46035	159744
8600079	F291	BR4007	9999	313B	317F	1986/01/01	51001	159745
8600079	F291	BR4008	9999	313B	317F	1986/01/01	51002	159746
8600079	F291	BR4009	9999	313B	317F	1986/01/01	51003	159747
8600079	F291	BR4010	9999	313B	317F	1986/01/01	51004	159748
8600079	F291	BR4011	9999	313B	317F	1986/01/01	51005	159749
8600079	F291	BR4012	9999	313B	317F	1986/01/01	ALRF1	159750
8600079	F291	BR4013	9999	313B	317F	1986/01/01	ALSN6	159751
8600079	F291	BR4014	9999	313B	317F	1986/01/01	BURL1	159752
8600079	F291	BR4015	9999	313B	317F	1986/01/01	BUZM3	159753
8600079	F291	BR4016	9999	313B	317F	1986/01/01	CARO3	159754
8600079	F291	BR4017	9999	313B	317F	1986/01/01	CHLV2	159755

(77 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8600079	F291	BR3972	317F	1	1482	86/01/01	86/01/01
8600079	F291	BR3973	317F	1	8918	86/01/01	86/01/01
8600079	F291	BR3974	317F	1	6268	86/01/18	86/01/18
8600079	F291	BR3975	317F	1	7422	86/01/01	86/01/01
8600079	F291	BR3976	317F	1	7398	86/01/01	86/01/01
8600079	F291	BR3977	317F	1	7348	86/01/01	86/01/01
8600079	F291	BR3978	317F	1	8894	86/01/01	86/01/01
8600079	F291	BR3979	317F	1	8918	86/01/01	86/01/01
8600079	F291	BR3980	317F	1	7386	86/01/01	86/01/01
8600079	F291	BR3981	317F	1	2730	86/01/01	86/01/01
8600079	F291	BR3982	317F	1	8894	86/01/01	86/01/01
8600079	F291	BR3983	317F	1	1474	86/01/01	86/01/01
8600079	F291	BR3984	317F	1	1482	86/01/01	86/01/01
8600079	F291	BR3985	317F	1	7398	86/01/01	86/01/01
8600079	F291	BR3986	317F	1	8876	86/01/01	86/01/01
8600079	F291	BR3987	317F	1	8904	86/01/01	86/01/01
8600079	F291	BR3988	317F	1	8874	86/01/01	86/01/01
8600079	F291	BR3989	317F	1	8880	86/01/01	86/01/01
8600079	F291	BR3990	317F	1	8918	86/01/01	86/01/01
8600079	F291	BR3991	317F	1	2642	86/01/01	86/01/01
8600079	F291	BR3992	317F	1	7412	86/01/01	86/01/01
8600079	F291	BR3993	317F	1	7384	86/01/01	86/01/01
8600079	F291	BR3994	317F	1	7840	86/01/01	86/01/01
8600079	F291	BR3995	317F	1	7420	86/01/01	86/01/01
8600079	F291	BR4018	317F	1	1470	86/01/01	86/01/01
8600079	F291	BR4019	317F	1	1488	86/01/01	86/01/01
8600079	F291	BR4020	317F	1	938	86/01/12	86/01/12
8600079	F291	BR4021	317F	1	1488	86/01/01	86/01/01
8600079	F291	BR4022	317F	1	1482	86/01/01	86/01/01
8600079	F291	BR4023	317F	1	2826	86/01/01	86/01/01
8600079	F291	BR4024	317F	1	1488	86/01/01	86/01/01
8600079	F291	BR4025	317F	1	1488	86/01/01	86/01/01
8600079	F291	BR4026	317F	1	1484	86/01/01	86/01/01
8600079	F291	BR4027	317F	1	1480	86/01/01	86/01/01
8600079	F291	BR4028	317F	1	1456	86/01/01	86/01/01
8600079	F291	BR4029	317F	1	1478	86/01/01	86/01/01
8600079	F291	BR4030	317F	1	1478	86/01/01	86/01/01
8600079	F291	BR4031	317F	1	1480	86/01/01	86/01/01
8600079	F291	BR4032	317F	1	1482	86/01/01	86/01/01
8600079	F291	BR4033	317F	1	1488	86/01/01	86/01/01
8600079	F291	BR4034	317F	1	1006	86/01/10	86/01/10
8600079	F291	BR4035	317F	1	1486	86/01/01	86/01/01
8600079	F291	BR4036	317F	1	1486	86/01/01	86/01/01
8600079	F291	BR4037	317F	1	1452	86/01/01	86/01/01
8600079	F291	BR4038	317F	1	1466	86/01/01	86/01/01
8600079	F291	BR4039	317F	1	1488	86/01/01	86/01/01
8600079	F291	BR4040	317F	1	1486	86/01/01	86/01/01
8600079	F291	BR4041	317F	1	1482	86/01/01	86/01/01
8600079	F291	BR4042	317F	1	818	86/01/01	86/01/01
8600079	F291	BR4043	317F	1	1488	86/01/01	86/01/01
8600079	F291	BR4044	317F	1	1456	86/01/01	86/01/01
8600079	F291	BR4045	317F	1	1480	86/01/01	86/01/01
8600079	F291	BR4046	317F	1	1486	86/01/01	86/01/01
8600079	F291	BR4047	317F	1	1478	86/01/01	86/01/01
8600079	F291	BR4048	317F	1	1496	86/01/01	86/01/01
8600079	F291	BR3996	317F	1	494	86/01/01	86/01/01

8600079	F291	BR3997	317F	1	496	86/01/01	86/01/01
8600079	F291	BR3998	317F	1	8862	86/01/01	86/01/01
8600079	F291	BR3999	317F	1	7362	86/01/01	86/01/01
8600079	F291	BR4000	317F	1	2150	86/01/23	86/01/23
8600079	F291	BR4001	317F	1	7172	86/01/01	86/01/01
8600079	F291	BR4002	317F	1	7404	86/01/01	86/01/01
8600079	F291	BR4003	317F	1	8906	86/01/01	86/01/01
8600079	F291	BR4004	317F	1	1146	86/01/07	86/01/07
8600079	F291	BR4005	317F	1	1488	86/01/01	86/01/01
8600079	F291	BR4006	317F	1	7396	86/01/01	86/01/01
8600079	F291	BR4007	317F	1	8908	86/01/01	86/01/01
8600079	F291	BR4008	317F	1	8918	86/01/01	86/01/01
8600079	F291	BR4009	317F	1	8892	86/01/01	86/01/01
8600079	F291	BR4010	317F	1	8894	86/01/01	86/01/01
8600079	F291	BR4011	317F	1	7452	86/01/01	86/01/01
8600079	F291	BR4012	317F	1	1486	86/01/01	86/01/01
8600079	F291	BR4013	317F	1	1482	86/01/01	86/01/01
8600079	F291	BR4014	317F	1	1482	86/01/01	86/01/01
8600079	F291	BR4015	317F	1	1484	86/01/01	86/01/01
8600079	F291	BR4016	317F	1	1486	86/01/01	86/01/01
8600079	F291	BR4017	317F	1	1482	86/01/01	86/01/01

(77 rows affected)