

09/08/89

TO: E/OC12 - Branch Chief ←

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

8900201

The following listed data sets have been transferred as indicated:

Wind/Wave Spectra (F191)

Acc: 8900201 Ref: BR8145 - BR8164 20 sta. 247,100 rec.

NOAA-NDBC

(June 1989)

Wind/Wave Spectra (F191)

Acc: 8900201 Ref: BR8165 - BR8190 25 sta. 184,000 rec.

NOAA-NDBC

(June 1989)

Wind/Wave Spectra (F191)

Acc: 8900201 Ref: BR8191 - BR8239 49 sta. 186,698 rec.

NOAA-NDBC

(June 1989)

cc: Div. Dir.

09/08/89

TO: E/OC12 - Branch Chief
E/OC11 - P. Hadsell
FROM: E/OC13 - A. Picciolo
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(June 1989)

Wind/Wave Spectra (F191)

Acc: 8900201 Ref: BR8165 - BR8190 25 sta. 184,000 rec.

NOAA-NDBC
(June 1989)

Wind/Wave Spectra (F191)

Acc: 8900201 Ref: BR8191 - BR8239 49 sta. 186,698 rec.

NOAA-NDBC
(June 1989)

cc: DIV. DIR.

CESS MBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900201	BR8145	F191		313B	317F	32302	06/01/89	06/30/89	1	6,412
8900201	BR8146	F191		313B	317F	41001	06/01/89	06/30/89	1	8,422
8900201	BR8147	F191		313B	317F	41002	06/13/89	06/30/89	1	3,949
8900201	BR8148	F191		313B	317F	41006	06/01/89	06/30/89	1	8,532
8900201	BR8149	F191		313B	317F	41008	06/01/89	06/30/89	1	41,599
8900201	BR8150	F191		313B	317F	41009	06/01/89	06/30/89	1	14,002
8900201	BR8151	F191		313B	317F	41010	06/01/89	06/30/89	1	14,100
8900201	BR8152	F191		313B	317F	42001	06/01/89	06/30/89	1	7,424
8900201	BR8153	F191		313B	317F	42002	06/01/89	06/30/89	1	7,099
8900201	BR8154	F191		313B	317F	42003	06/01/89	06/30/89	1	7,572
8900201	BR8155	F191		313B	317F	42007	06/01/89	06/30/89	1	7,151
8900201	BR8156	F191		313B	317F	42015	06/01/89	06/30/89	1	42,077
8900201	BR8157	F191		313B	317F	42016	06/01/89	06/30/89	1	38,293
8900201	BR8158	F191		313B	317F	42017	06/01/89	06/30/89	1	1,436
8900201	BR8159	F191		313B	317F	44004	06/01/89	06/30/89	1	3,182
8900201	BR8160	F191		313B	317F	44005	06/01/89	06/30/89	1	8,518
8900201	BR8161	F191		313B	317F	44007	06/01/89	06/30/89	1	7,048
8900201	BR8162	F191		313B	317F	44008	06/01/89	06/30/89	1	7,773
8900201	BR8163	F191		313B	317F	44009	06/01/89	06/30/89	1	6,938
8900201	BR8164	F191		313B	317F	44011	06/01/89	06/30/89	1	5,573
8900201	BR8165	F191		313B	317F	44013	06/01/89	06/30/89	1	6,894
8900201	BR8166	F191		313B	317F	45001	06/01/89	06/30/89	1	7,068
8900201	BR8167	F191		313B	317F	45002	06/01/89	06/30/89	1	7,026
8900201	BR8168	F191		313B	317F	45003	06/01/89	06/30/89	1	6,914
8900201	BR8169	F191		313B	317F	45004	06/01/89	06/30/89	1	7,110
8900201	BR8170	F191		313B	317F	45005	06/01/89	06/30/89	1	7,018
8900201	BR8171	F191		313B	317F	45006	06/01/89	06/30/89	1	5,846
8900201	BR8172	F191		313B	317F	45007	06/01/89	06/30/89	1	6,900
8900201	BR8173	F191		313B	317F	45008	06/01/89	06/30/89	1	6,804
8900201	BR8174	F191		313B	317F	46001	06/01/89	06/30/89	1	8,536
8900201	BR8175	F191		313B	317F	46002	06/01/89	06/30/89	1	8,458
8900201	BR8176	F191		313B	317F	46005	06/01/89	06/30/89	1	8,474
8900201	BR8177	F191		313B	317F	46006	06/01/89	06/30/89	1	7,032
8900201	BR8178	F191		313B	317F	46010	06/01/89	06/30/89	1	6,938
8900201	BR8179	F191		313B	317F	46011	06/01/89	06/30/89	1	7,056
8900201	BR8180	F191		313B	317F	46012	06/01/89	06/30/89	1	7,054
8900201	BR8181	F191		313B	317F	46013	06/01/89	06/30/89	1	6,970
8900201	BR8182	F191		313B	317F	46014	06/16/89	06/30/89	1	3,298
8900201	BR8183	F191		313B	317F	46022	06/01/89	06/30/89	1	8,304
8900201	BR8184	F191		313B	317F	46023	06/01/89	06/30/89	1	6,806
8900201	BR8185	F191		313B	317F	46026	06/01/89	06/30/89	1	7,018
8900201	BR8186	F191		313B	317F	46027	06/01/89	06/30/89	1	6,786
8900201	BR8187	F191		313B	317F	46028	06/01/89	06/30/89	1	8,556
8900201	BR8188	F191		313B	317F	46030	06/01/89	06/30/89	1	7,136
8900201	BR8189	F191		313B	317F	46035	06/01/89	06/30/89	1	6,843
8900201	BR8190	F191		313B	317F	46040	06/01/89	06/30/89	1	7,155
8900201	BR8191	F191		313B	317F	46042	06/01/89	06/30/89	1	41,554
8900201	BR8192	F191		313B	317F	46125	06/01/89	06/30/89	1	41,663
8900201	BR8193	F191		313B	317F	51001	06/01/89	06/30/89	1	8,512
8900201	BR8194	F191		313B	317F	51002	06/01/89	06/30/89	1	8,378
8900201	BR8195	F191		313B	317F	51003	06/01/89	06/30/89	1	2,788

8900201	BR8196	F191	313B	317F	51004	06/01/89	06/30/89	1	8,272
8900201	BR8197	F191	313B	317F	ALSN6	06/01/89	06/30/89	1	1,426
8900201	BR8198	F191	313B	317F	BURL1	06/01/89	06/30/89	1	1,655
8900201	BR8199	F191	313B	317F	BUZM3	06/01/89	06/30/89	1	1,414
8900201	BR8200	F191	313B	317F	CARO3	06/01/89	06/30/89	1	1,426
8900201	BR8201	F191	313B	317F	CHLV2	06/01/89	06/30/89	1	6,267
8900201	BR8202	F191	313B	317F	CLKN7	06/01/89	06/30/89	1	2,085
8900201	BR8203	F191	313B	317F	CSBF1	06/01/89	06/30/89	1	2,123
8900201	BR8204	F191	313B	317F	DBLN6	06/01/89	06/30/89	1	1,428
8900201	BR8205	F191	313B	317F	DESW1	06/01/89	06/30/89	1	1,362
8900201	BR8206	F191	313B	317F	DISW3	06/01/89	06/30/89	1	1,434
8900201	BR8207	F191	313B	317F	DPIA1	06/01/89	06/30/89	1	1,434
8900201	BR8208	F191	313B	317F	DSL7	06/01/89	06/30/89	1	6,946
8900201	BR8209	F191	313B	317F	FARP2	06/01/89	06/30/89	1	1,422
8900201	BR8210	F191	313B	317F	FBIS1	06/01/89	06/30/89	1	1,428
8900201	BR8211	F191	313B	317F	FFIA2	06/01/89	06/30/89	1	1,436
8900201	BR8212	F191	313B	317F	FPSN7	06/01/89	06/30/89	1	2,117
8900201	BR8213	F191	313B	317F	GDIL1	06/01/89	06/30/89	1	2,082
8900201	BR8214	F191	313B	317F	GLLN6	06/01/89	06/30/89	1	1,416
8900201	BR8215	F191	313B	317F	IOSN3	06/01/89	06/30/89	1	1,434
8900201	BR8216	F191	313B	317F	LKWF1	06/01/89	06/30/89	1	1,426
8900201	BR8217	F191	313B	317F	MDRM1	06/01/89	06/30/89	1	1,414
8900201	BR8218	F191	313B	317F	MISM1	06/01/89	06/30/89	1	1,432
8900201	BR8219	F191	313B	317F	MLRF1	06/01/89	06/30/89	1	1,430
8900201	BR8220	F191	313B	317F	MPCL1	06/01/89	06/30/89	1	1,426
8900201	BR8221	F191	313B	317F	NWPO3	06/01/89	06/30/89	1	1,426
8900201	BR8222	F191	313B	317F	PILM4	06/01/89	06/30/89	1	1,422
8900201	BR8223	F191	313B	317F	PTAC1	06/01/89	06/23/89	1	1,096
8900201	BR8224	F191	313B	317F	PTAT2	06/01/89	06/30/89	1	1,422
8900201	BR8225	F191	313B	317F	PTGC1	06/01/89	06/23/89	1	1,076
8900201	BR8226	F191	313B	317F	ROAM4	06/01/89	06/30/89	1	1,400
8900201	BR8227	F191	313B	317F	SAUF1	06/01/89	06/30/89	1	2,135
8900201	BR8228	F191	313B	317F	SBIO1	06/01/89	06/30/89	1	1,424
8900201	BR8229	F191	313B	317F	SGNW3	06/01/89	06/30/89	1	1,408
8900201	BR8230	F191	313B	317F	SISW1	06/01/89	06/30/89	1	1,432
8900201	BR8231	F191	313B	317F	SMKF1	06/01/89	06/30/89	1	1,394
8900201	BR8232	F191	313B	317F	SPGF1	06/01/89	06/30/89	1	2,119
8900201	BR8233	F191	313B	317F	SRST2	06/01/89	06/30/89	1	1,852
8900201	BR8234	F191	313B	317F	STDMA	06/01/89	06/30/89	1	1,418
8900201	BR8235	F191	313B	317F	SVLS1	06/01/89	06/30/89	1	1,364
8900201	BR8236	F191	313B	317F	TPLM2	06/01/89	06/30/89	1	1,430
8900201	BR8237	F191	313B	317F	TTIW1	06/01/89	06/30/89	1	1,398
8900201	BR8238	F191	313B	317F	VENF1	06/01/89	06/30/89	1	1,424
8900201	BR8239	F191	313B	317F	WPOW1	06/01/89	06/30/89	1	1,428

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ACCESSION NO. 8900201

FILETYPE 191

TRACK NO. BR8145-64

PROJECT IDENTIFICATION _____

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	8/15/89	TK	A00949	1	120	4080	247,112
DUPLICATE TAPE	8/15/89	TK	W02507	1	120	4800	247,100
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8900201

FILETYPE 191

TRACK NO. BR8165 -

PROJECT IDENTIFICATION

8190

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	8/15/84	TK	ADD951	1	120	4080	184,008
DUPLICATE TAPE	8/21/84	TK	W02941	1	120	4800	184,000
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 8900201

FILETYPE 191

TRACK NO. BR8191-
8239

PROJECT IDENTIFICATION

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	8/15/89	TK	A00950	1	120	4080	186,728
DUPLICATE TAPE	8/24/84	TK	W03115	1	120	4800	186,696
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Data Buoy Center
Stennis Space Center, Mississippi 39529-6000

8900201

July 31, 1989

F1804-02
DB3:89-385
SPN: idm

A00949
A00950
A00951

Chief, Data Acquisition And Management Branch
National Oceanographic Data Center
1825 Connecticut Avenue, NW
Washington, DC 20235

Dear Sir:

Enclosed are the June 1989, 9TK, 1600 BPI, archive tapes, recorded in the 191 tape format. The enclosure contains a list of stations and the inclusive dates that are on each tape.

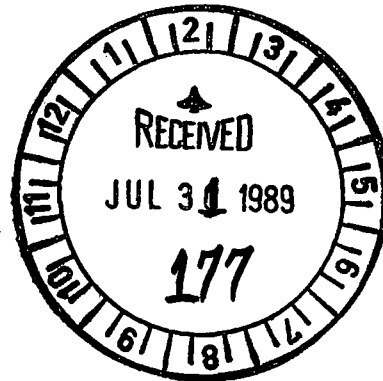
If you have any questions, please call B.G. Redmon at FTS 494-2834, or Commercial (601) 688-2834

Sincerely,

Sallie P. Nolan

Sallie P. Nolan
ADP Manager

Enclosures



Attachment

Tape 1: 32302 06018900-06308923-
41001 06018900-06308923-
41002 06138917-06308923
41006 06018900-06308923
41008 06018900-06308923
41009 06018900-06308923-
41010 06018900-06308923-
42001 06018900-06308923-
42002 06018900-06308923-
42003 06018900-06308923- 10
42007 06018900-06308923-
42015 06018900-06308923
42016 06018900-06308923
42017 06018900-06308923
44004 06018900-06308923
44005 06018900-06308923
44007 06018900-06308923
44008 06018900-06308923
44009 06018900-06308923
44011 06018900-06308923 - 20

Tape 2: 44013 06018900-06308923
45001 06018900-06308923
45002 06018900-06308923
45003 06018900-06308923-
45004 06018900-06308923
45005 06018900-06308923
45006 06018900-06308923
45007 06018900-06308923
45008 06018916-06308923
46001 06018900-06308923
46002 06018900-06308923
46005 06018900-06308923-
46006 06018900-06308923
46010 06018900-06308923
46011 06018900-06308923
46012 06018900-06308923
46013 06018900-06308923
46014 06168900-06308923
46022 06018900-06308923
46023 06018900-06308923
46026 06018900-06308923
46027 06018900-06308923
46028 06018900-06308923
46030 06018900-06308923
46035 06018900-06308923
46040 06018900-06308923 - 26

Tape 3: 46042 06018900-06308923
46125 06018900-06308923
51001 06018900-06308923
51002 06018900-06308923
51003 06018900-06308923
51004 06018900-06308923
ALSN6 06018900-06308923
BURL1 06018900-06308923
BUZM3 06018900-06308923
CARO3 06018900-06308923-10
CHLV2 06018900-06308923
CLKN7 06018900-06308923
CSBF1 06018900-06308923
DBLN6 06018900-06308923
DESW1 06018900-06308923
DISW3 06018900-06308923
DPIA1 06018900-06308923
DSLN7 06018900-06308923
FARP2 06018900-06308923
FBIS1 06018900-06308923-20
FFIA2 06018900-06308923
FPSN7 06018900-06308923
GDIL1 06018900-06308923
GLLN6 06018900-06308923
IOSN3 06018900-06308923
LKWF1 06018900-06308923
MDRM1 06018900-06308923
MISM1 06018900-06308923
MLRF1 06018900-06308923
MPCL1 06018900-06308923-30
NWPO3 06018900-06308923
PILM4 06018900-06308923
PTAC1 06018900-06238922
PTAT2 06018900-06308923
PTGC1 06018900-06238918
ROAM4 06018900-06308923
SAUF1 06018900-06308923
SBIO1 06018900-06308923
SGNW3 06018900-06308923
SISW1 06018900-06308923-40
SMKF1 06018900-06308923
SPGF1 06018900-06308923
SRST2 06018900-06308923
STDMA 06018900-06308923
SVLS1 06018900-06308923
TPLM2 06018900-06308923
TTIW1 06018900-06308923
VENF1 06018900-06308923
WPOW1 06018900-06308923-49

260
49
26

95

8900201

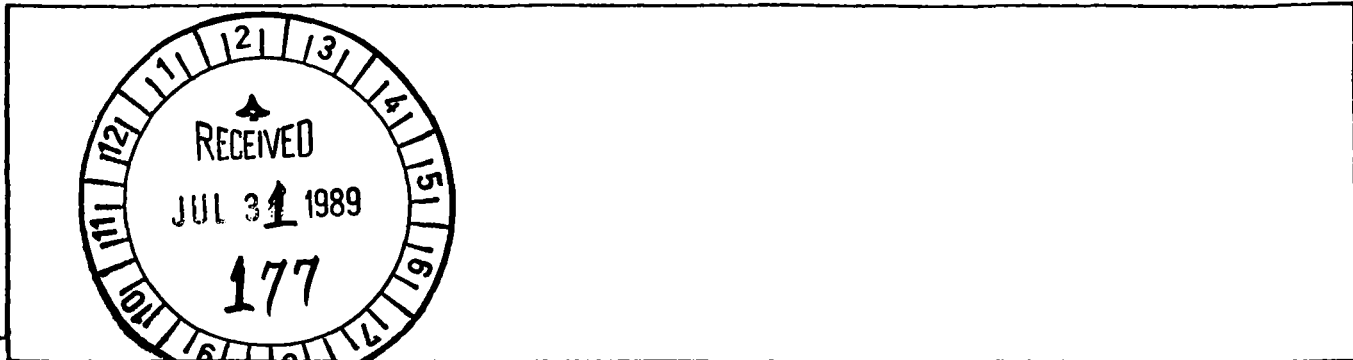
C. DATA FORMAT

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.
 Record type "9" is Continuous Wind Measurements.

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>4080</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

RECORD FORMAT DESCRIPTION

RECORD NAME

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

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
DESCRIPTIVE HEADER RECORD					
FILE TYPE	1	3	Bytes	A3	"191" (constant)
FILE DATE	4	6	Bytes	3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1	Byte	A1	"1" (Descriptive header record)
STATION	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)
LATITUDE	27	6	Bytes	3I2	Degrees, Minutes, Seconds
LAT. HEMISPHERE	33	1	Byte	A1	"N" or "S" Hemisphere
LONGITUDE	34	7	Bytes	13, 2I2	Degrees, Minutes, Seconds
LON. HEMISPHERE	41	1	Byte	A1	"E" OR "W" HEMISPHERE
BOTTOM DEPTH	42	5	Bytes	I5	Meters to tenths
MAGNETIC VARIATION	47	4	Bytes	I4	Whole degrees from true north (signed value)
BUOY HEADING*	51	3	Bytes	I3	Whole degrees from true north
WAVE SAMPLING RATE*	54	4	Bytes	I4	I4Original measurements per minute to tenths
WAVE SAMPLING DURATION*	58	4	Bytes	I4	Minutes to hundredths
WAVE TOTAL INTERVALS*	62	3	Bytes	I3	Number of frequency intervals
CHIEF SCIENTIST INSTITUTION	65	20	Bytes	A20	A20(optional) Data source
WIND SAMPLING DURATION	85	20	Bytes	I3	Minutes to tenths
COMMENTS *for buoy data only	105	3	Bytes	I3	A13 RECORD LENGTH IS 120
ENVIRONMENTAL DATA RECORD					
FILE TYPE	1	3	Bytes	A3	"191" (constant)
FILE DATE	4	6	Bytes	3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1	Byte	A1	"2" (environmental data rec.)
STATION	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)
ALTITUDE	27	3	Bytes	I3	Meteorology alt., meters to tenths
AIR TEMP	30	4	Bytes	I4	Temperature, Celsius to tenths
DEW POINT	34	4	Bytes	I4	I4Temperature, Celsius to tenths
BAROMETER	38	5	Bytes	I5	Millibars to tenths (reduced to sea level)
WIND SPEED	43	4	Bytes	I4	Meters/sec. to hundredths
WIND DIRECTION	47	4	Bytes	I4	From true north, degrees to tenths
WEATHER	51	1	Byte	I1	Current weather (WMO Code 4501)
VISIBILITY	52	3	Bytes	I3	Nautical miles, to tenths

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		
PRECIPITATION	55	4	Bytes	I4	Accumulation in millimeters
SOLAR RADIATION	59	3	Bytes	I3	Langleys/minute to hundredths wave length less than 3.6
SOLAR RADIATION	62	3	Bytes	I3	Langleys/minute to hundredths wave length from 4.0 to 50 microns
SIGNIFICANT WAVE HEIGHT *	65	3	Bytes	I3	Meters to tenths, corrected for low frequency noise, etc.
AVERAGE WAVE PERIOD *	68	3	Bytes	I3	Seconds to tenths
DOMINANT WAVE DIRECTION *	71	3	Bytes	I3	Direction of predominant waves in whole degrees from true N
HIGHEST CREST	74	3	Bytes	I3	Meters to tenths, from reference level
DEEPEST TROUGH SEA SURFACE	77	3	Bytes	I3	Meters to tenths, from reference level
TEMPERATURE SEA SURFACE	80	4	Bytes	I4	Temperature Celsius to hundredths
SALINITY	84	5	Bytes	I5	Parts per thousand to thousandths
CONDUCTIVITY	89	5	Bytes	I5	Millimhos/cm to thousandths
DOMINANT WAVE PERIOD	94	3	Bytes	I3	Seconds to tenths
MAXIMUM WAVE HEIGHT	97	3	Bytes	I3	Meters to tenths
MAXIMUM WAVE STEEPNESS	100	3	Bytes	I3	To be defined
WIND GUST	103	4	Bytes	I4	Meters/sec. to hundredths
WIND GUST (avg. pd.) AVERAGING PERIOD	107	2	Bytes	I2	Seconds
WIND GUST	109	4	Bytes	I4	Meters/sec. to hundredths
WIND GUST	113	2	Bytes	I2	Seconds
WIND SPEED (58 min. average)	115	3	Bytes	I3	Meters/sec. to tenths whole degrees
WIND DIRECTION (58 min. average)	118	3	Bytes	I3	Whole degrees
* Significant wave height, average wave period, and dominant wave period are set to zero when significant wave height is less than 0.15 meters.					
WAVE SPECTRA DATA RECORD					
FILE TYPE	1	3	Bytes	A3	"191 (constant)
FILE DATE	4	6	Bytes	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	Byte	A1	"3" (Wave Spectra Data Record)
STATION	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)
INTERVALS PER DIRECTION	27	3	Bytes	I3	Zero for non-directional spectra, or total number of frequencies in this direction

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Min, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
WAVE SPECTRA DATA RECORD (cont'd)					
DIRECTION	30	4	Bytes	I4	Blank for non-directional spectra, or degrees to tenths from true N for frequencies on this record
COUNT	34	1	Byte	I1	Number of frequencies on this record
DATA	35	70	Bytes	5(2I4,I6)	Up to 5 Frequency, Resolution, Density fields. Null fields blank
Frequency	35,49,63 77,91	4	Bytes	I4	Center frequency of interval in Hertz to thousandths
Resolution	39,53,67 81,95	4	Bytes	I4	Resolution of interval in Hertz to ten-thousandths
Density	43,57,71 85,99	6	Bytes	I6	Spectral Density of interval in m ² /Hz to thousandths
BLANKS	105	16	Bytes	16X	Fill the fixed length record
SUBSURFACE TEMPERATURE DATA RECORD					
FILE TYPE	1	3	Bytes	A3	"191" (constant)
FILE DATE	4	6	Bytes	3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1	Byte	A1	"4" (Subsurface Temperature Data Record)
STATION	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)
DATA	27	90	Bytes	10(I5,I4)	Up to 10 Depth and temperature fields
Depth	27,36,45 54,63,72 81,90,99 108	5	Bytes	I5	Obs. level, meters to tenths
Temperature	32,41,50 59,68,77 86,95,104 113	4	Bytes	I4	Degrees Celsius to hundredths (include Sea Surface temperature)
BLANKS	117	4	Bytes	4X	Fill the fixed length record
SUBSURFACE DATA RECORD					
FILE TYPE	1	3	Bytes	A3	"191" (constant)
FILE DATE	4	6	Bytes	3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1	Byte	A1	"5" (Subsurface Data Record)
STATION	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)

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 100, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
SUBSURFACE DATA RECORD (cont'd)					
DATA	27	90	Bytes	3(15,15,15,15,15,15)	Up to 3 Depth, U Component, V Component, Pressure, Conductivity, Salinity fields
Depth	27,57,87	5	Bytes	15	Obs. Level, meters to tenths
U Component	32,62,92	5	Bytes	15	East vector in cm/sec. to tenths
V Component	37,67,97	5	Bytes	15	True north vector in cm/sec. to tenths
Pressure	42,72,102	5	Bytes	15	Kg./cm ² to hundredths
Conductivity	47,77,107	5	Bytes	15	Millimhos/cm to thousandths
Salinity	52,82,112	5	Bytes	15	Parts per 1000 to thousandths
BLANKS	117	4	Bytes	4X	Fill the fixed length record

RECORD FORMAT DESCRIPTION

RECORD NAME File Type "191"

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	I3	Always "191"
FILE DATE	4	6	Bytes	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	Byte	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:
CO-SPECTRA C ₂₂	44	6	Bytes	I6	1. Heave
EXPONENT	50	2	Bytes	I2	2. E-W Slope
CO-SPECTRA C ₃₃	52	6	Bytes	I6	3. N-S Slope
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	If the exponent is less than -9 the exponent and its associated spectra should be zero
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 FORMAT DESCRIPTION

File Type "191"

RECORD NAME

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	I3	Always "191"
FILE DATE	4	6	Bytes	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	Byte	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 <u>fourier</u> 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

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		
DIRECTIONAL WAVE DATA RECORD					
FILE TYPE	1	3	Bytes	A3	"191" (Constant)
FILE DATE	4	6	Bytes	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	Byte	A1	"8" (Directional Wave Data Record)
STATION	11	6	Bytes	A6	Inique name of observation point
OBSERVED DATE	17	6	Bytes	3I2	Year, Month, Day (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hours, Minutes (GMT)
COUNT	27	1	Byte	I1	Number of Frequencies on this Record (=1,2,or3)
FREQUENCY	28	4	Bytes	I4	Center of Band in HZ to Ten-Thousandths
RESOLUTION (BANDWIDTH)	32	4	Bytes	I4	Bandwidth in HZ to Ten-Thousandths
R1 (see below)	36	4	Bytes	I4	Recorded to Nearest Hundredth
R2 (see below)	40	4	Bytes	I4	Recorded to Nearest Hundredth
A1 (see below)	44	4	Bytes	I4	Recorded in Degrees to Tenths
A2 (see below)	48	4	Bytes	I4	Recorded in Degrees to Tenths
C11S (see below)	52	6	Bytes	I6	Recorded in Meters Squared HZ to Thousandths
FREQUENCY	58	4	Bytes	I4	Center of Band in HZ to Ten-Thousandths
RESOLUTION (BANDWIDTH)	62	4	Bytes	I4	Bandwidth in HZ to Ten-Thousandths
R1 (see below)	66	4	Bytes	I4	Recorded to Nearest Hundredth
R2 (see below)	70	4	Bytes	I4	Recorded to Nearest Hundredth
A1 (see below)	74	4	Bytes	I4	Recorded in Degrees to Tenths
A2 (see below)	78	4	Bytes	I4	Recorded in Degrees to Tenths
C11S (see below)	82	6	Bytes	I6	Recorded in Meters Squared/HZ to Thousandths
FREQUENCY	88	4	Bytes	I4	Center of Band in HZ to Ten-Thousandths
RESOLUTION (BANDWIDTH)	92	4	Bytes	I4	Bandwidth in HZ to Ten-Thousandths
R1 (see below)	96	4	Bytes	I4	Recorded to Nearest Hundredth
R2 (see below)	100	4	Bytes	I4	Recorded to Nearest Hundredth
A1 (see below)	104	4	Bytes	I4	Recorded to Degrees to Tenths
A2 (see below)	108	4	Bytes	I4	Recorded in Degrees to Tenths
C11S (see below)	112	6	Bytes	I6	Recorded in Meters Squared/HZ to Thousandths
BLANKS	118	3	Bytes	3X	Fill the fixed lengths record
<p>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. $C11S(M*H/SEC) = (C22+C33)/(K*K)$ 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.</p>					

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		
CONTINUOUS WIND MEASUREMENT					
FIELD TYPE	1	3	Bytes	I3	Always "191"
FILE DATE	4	6	Bytes	3I2	Yr.,Mo.,Day of file generation
RECORD TYPE	10	1	Byte	A1	Always "9"
STATION NUMBER	11	6	Bytes	A6	See Record '1'
REPORT DATE	17	6	Bytes	3I2	Year, Month, Day (UTC)
REPORT TIME	23	4	Bytes	2I2	Hour, Minutes (UTC)
SPEED AVERAGING METHOD	27	1	Byte	I1	1-Vector, 2-Scalar
STANDARD DEVIATION OF HOURLY SPEED	28	3	Bytes	I3	M/S to Tenths
STANDARD DEVIATION OF HOURLY DIRECTION ¹	31	4	Bytes	I4	Whole Degrees
HOURLY PEAK WIND DIRECTION OF	35	3	Bytes	I3	M/S to Tenths
HOURLY PEAK DIRECTION OF	38	3	Bytes	I3	Whole Degrees
MINUTE OF HOURLY PEAK	41	2	Bytes	I2	Minutes (UTC)
END OF ACQUISITION TIME	43	4	Bytes	2I2	Hour, Minutes (UTC)
FIRST AVERAGE DIRECTION ²	47	3	Bytes	I3	Whole Degrees
FIRST AVERAGE SPEED	50	3	Bytes	I3	M/S to Tenths
SECOND AVERAGE DIRECTION	53	3	Bytes	I3	Whole Degrees
SECOND AVERAGE SPEED	56	3	Bytes	I3	M/S to Tenths
THIRD AVERAGE DIRECTION	59	3	Bytes	I3	Whole Degrees
THIRD AVERAGE SPEED	62	3	Bytes	I3	M/S to Tenths
FOURTH AVERAGE DIRECTION	65	3	Bytes	I3	Whole Degrees
FOURTH AVERAGE SPEED	68	3	Bytes	I3	M/S to Tenths
FIFTH AVERAGE DIRECTION	71	3	Bytes	I3	Whole Degrees
FIFTH AVERAGE SPEED	74	3	Bytes	I3	M/S to Tenths
SIXTH AVERAGE DIRECTION	77	3	Bytes	I3	Whole Degrees
SIXTH AVERAGE SPEED	80	3	Bytes	I3	M/S to Tenths

File Type RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CONTINUOUS WIND MEASUREMENT (Cont'd)					
<p>¹Expansion Parameter.</p> <p>²Ten minute average winds are measured for minutes 0-9, 10-19, 20-29, 30-39, 40-49, and 50-59. The first set is for the ten minute period ending immediately before the End of Acquisition time. The remaining sets go back in time.</p> <p>For example, if End of Acquisition is 10:25, then the First Average will be for the time period 10:10 to 10:19, and the Second Average will be for the period 10:00 to 10:09. If End of Acquisition is 10:30, then the First Average will be for the time period 10:20 to 10:29.</p>					

Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8900201	F291	BR8191	9999	313B	317F	1989/06/01	46042	187923
8900201	F291	BR8192	9999	313B	317F	1989/06/01	46125	187924
8900201	F291	BR8193	9999	313B	317F	1989/06/01	51001	187925
8900201	F291	BR8194	9999	313B	317F	1989/06/01	51002	187926
8900201	F291	BR8195	9999	313B	317F	1989/06/01	51003	187927
8900201	F291	BR8196	9999	313B	317F	1989/06/01	51004	187928
8900201	F291	BR8197	9999	313B	317F	1989/06/01	ALSN6	187929
8900201	F291	BR8198	9999	313B	317F	1989/06/01	BURL1	187930
8900201	F291	BR8199	9999	313B	317F	1989/06/01	BUZM3	187931
8900201	F291	BR8200	9999	313B	317F	1989/06/01	CARO3	187932
8900201	F291	BR8201	9999	313B	317F	1989/06/01	CHLV2	187933
8900201	F291	BR8202	9999	313B	317F	1989/06/01	CLKN7	187934
8900201	F291	BR8203	9999	313B	317F	1989/06/01	CSBF1	187935
8900201	F291	BR8204	9999	313B	317F	1989/06/01	DBLN6	187936
8900201	F291	BR8205	9999	313B	317F	1989/06/01	DESW1	187937
8900201	F291	BR8206	9999	313B	317F	1989/06/01	DISW3	187938
8900201	F291	BR8207	9999	313B	317F	1989/06/01	DPJA1	187939
8900201	F291	BR8208	9999	313B	317F	1989/06/01	DSL7	187940
8900201	F291	BR8209	9999	313B	317F	1989/06/01	FARP2	187941
8900201	F291	BR8210	9999	313B	317F	1989/06/01	FBIS1	187942
8900201	F291	BR8211	9999	313B	317F	1989/06/01	FFIA2	187943
8900201	F291	BR8212	9999	313B	317F	1989/06/01	FPSN7	187944
8900201	F291	BR8213	9999	313B	317F	1989/06/01	GDIL1	187945
8900201	F291	BR8214	9999	313B	317F	1989/06/01	GLLN6	187946
8900201	F291	BR8215	9999	313B	317F	1989/06/01	IOSN3	187947
8900201	F291	BR8216	9999	313B	317F	1989/06/01	LKWF1	187948
8900201	F291	BR8217	9999	313B	317F	1989/06/01	MDRM1	187949
8900201	F291	BR8218	9999	313B	317F	1989/06/01	MISM1	187950
8900201	F291	BR8219	9999	313B	317F	1989/06/01	MLRF1	187951
8900201	F291	BR8220	9999	313B	317F	1989/06/01	MPCL1	187952
8900201	F291	BR8221	9999	313B	317F	1989/06/01	NWPO3	187953
8900201	F291	BR8222	9999	313B	317F	1989/06/01	PILM4	187954
8900201	F291	BR8223	9999	313B	317F	1989/06/01	PTAC1	187955
8900201	F291	BR8224	9999	313B	317F	1989/06/01	PTAT2	187956
8900201	F291	BR8225	9999	313B	317F	1989/06/01	PTGC1	187957
8900201	F291	BR8226	9999	313B	317F	1989/06/01	ROAM4	187958
8900201	F291	BR8227	9999	313B	317F	1989/06/01	SAUF1	187959
8900201	F291	BR8228	9999	313B	317F	1989/06/01	SBIO1	187960
8900201	F291	BR8229	9999	313B	317F	1989/06/01	SGNW3	187961
8900201	F291	BR8230	9999	313B	317F	1989/06/01	SISW1	187962
8900201	F291	BR8231	9999	313B	317F	1989/06/01	SMKF1	187963
8900201	F291	BR8232	9999	313B	317F	1989/06/01	SPGF1	187964
8900201	F291	BR8233	9999	313B	317F	1989/06/01	SRST2	187965
8900201	F291	BR8234	9999	313B	317F	1989/06/01	STDM4	187966
8900201	F291	BR8235	9999	313B	317F	1989/06/01	SVLS1	187967
8900201	F291	BR8236	9999	313B	317F	1989/06/01	TPLM2	187968
8900201	F291	BR8237	9999	313B	317F	1989/06/01	TTIW1	187969
8900201	F291	BR8238	9999	313B	317F	1989/06/01	VENF1	187970
8900201	F291	BR8239	9999	313B	317F	1989/06/01	WPOW1	187971
8900201	F291	BR8145	9999	313B	317F	1989/06/01	32302	187877
8900201	F291	BR8146	9999	313B	317F	1989/06/01	41001	187878
8900201	F291	BR8147	9999	313B	317F	1989/06/13	41002	187879
8900201	F291	BR8148	9999	313B	317F	1989/06/01	41006	187880
8900201	F291	BR8149	9999	313B	317F	1989/06/01	41008	187881
8900201	F291	BR8150	9999	313B	317F	1989/06/01	41009	187882
8900201	F291	BR8151	9999	313B	317F	1989/06/01	41010	187883

8900201	F291	BR8152	9999	313B	317F	1989/06/01	42001	187884
8900201	F291	BR8153	9999	313B	317F	1989/06/01	42002	187885
8900201	F291	BR8154	9999	313B	317F	1989/06/01	42003	187886
8900201	F291	BR8155	9999	313B	317F	1989/06/01	42007	187887
8900201	F291	BR8156	9999	313B	317F	1989/06/01	42015	187888
8900201	F291	BR8157	9999	313B	317F	1989/06/01	42016	187889
8900201	F291	BR8158	9999	313B	317F	1989/06/01	42017	187890
8900201	F291	BR8159	9999	313B	317F	1989/06/01	44004	187891
8900201	F291	BR8160	9999	313B	317F	1989/06/01	44005	187892
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8900201	F291	BR8162	9999	313B	317F	1989/06/01	44008	187894
8900201	F291	BR8163	9999	313B	317F	1989/06/01	44009	187895
8900201	F291	BR8164	9999	313B	317F	1989/06/01	44011	187896
8900201	F291	BR8165	9999	313B	317F	1989/06/01	44013	187897
8900201	F291	BR8166	9999	313B	317F	1989/06/01	45001	187898
8900201	F291	BR8167	9999	313B	317F	1989/06/01	45002	187899
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8900201	F291	BR8169	9999	313B	317F	1989/06/01	45004	187901
8900201	F291	BR8170	9999	313B	317F	1989/06/01	45005	187902
8900201	F291	BR8171	9999	313B	317F	1989/06/01	45006	187903
8900201	F291	BR8172	9999	313B	317F	1989/06/01	45007	187904
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8900201	F291	BR8182	9999	313B	317F	1989/06/16	46014	187914
8900201	F291	BR8183	9999	313B	317F	1989/06/01	46022	187915
8900201	F291	BR8184	9999	313B	317F	1989/06/01	46023	187916
8900201	F291	BR8185	9999	313B	317F	1989/06/01	46026	187917
8900201	F291	BR8186	9999	313B	317F	1989/06/01	46027	187918
8900201	F291	BR8187	9999	313B	317F	1989/06/01	46028	187919
8900201	F291	BR8188	9999	313B	317F	1989/06/01	46030	187920
8900201	F291	BR8189	9999	313B	317F	1989/06/01	46035	187921
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(95 rows affected)

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8900201	F291	BR8195	317F	1	2788	89/06/01	89/06/01
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8900201	F291	BR8199	317F	1	1414	89/06/01	89/06/01
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8900201	F291	BR8203	317F	1	2123	89/06/01	89/06/01
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8900201	F291	BR8206	317F	1	1434	89/06/01	89/06/01
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8900201	F291	BR8209	317F	1	1422	89/06/01	89/06/01
8900201	F291	BR8210	317F	1	1428	89/06/01	89/06/01
8900201	F291	BR8211	317F	1	1436	89/06/01	89/06/01
8900201	F291	BR8212	317F	1	2117	89/06/01	89/06/01
8900201	F291	BR8213	317F	1	2082	89/06/01	89/06/01
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8900201	F291	BR8145	317F	1	6412	89/06/01	89/06/01
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8900201	F291	BR8147	317F	1	3949	89/06/13	89/06/13
8900201	F291	BR8148	317F	1	8532	89/06/01	89/06/01
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8900201	F291	BR8182	317F	1	3298	89/06/16	89/06/16
8900201	F291	BR8183	317F	1	8304	89/06/01	89/06/01
8900201	F291	BR8184	317F	1	6806	89/06/01	89/06/01
8900201	F291	BR8185	317F	1	7018	89/06/01	89/06/01
8900201	F291	BR8186	317F	1	6786	89/06/01	89/06/01
8900201	F291	BR8187	317F	1	8556	89/06/01	89/06/01
8900201	F291	BR8188	317F	1	7136	89/06/01	89/06/01
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