

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000126	BR9083	F191		313B	317F	32302	04/01/90	04/30/90	1	6,908
9000126	BR9084	F191		313B	317F	41001	04/01/90	04/30/90	1	7,708
9000126	BR9085	F191		313B	317F	41002	04/01/90	04/30/90	1	8,480
9000126	BR9086	F191		313B	317F	41006	04/01/90	04/30/90	1	7,760
9000126	BR9087	F191		313B	317F	41008	04/01/90	04/30/90	1	23,560
9000126	BR9088	F191		313B	317F	41009	04/01/90	04/30/90	1	13,532
9000126	BR9089	F191		313B	317F	41010	04/01/90	04/30/90	1	14,012
9000126	BR9090	F191		313B	317F	42001	04/01/90	04/30/90	1	7,766
9000126	BR9091	F191		313B	317F	42002	04/01/90	04/30/90	1	7,128
9000126	BR9092	F191		313B	317F	42003	04/01/90	04/30/90	1	7,578
9000126	BR9093	F191		313B	317F	42007	04/01/90	04/30/90	1	7,696
9000126	BR9094	F191		313B	317F	42015	04/01/90	04/30/90	1	43,013
9000126	BR9095	F191		313B	317F	42016	04/01/90	04/30/90	1	42,954
9000126	BR9096	F191		313B	317F	44004	04/01/90	04/30/90	1	7,740
9000126	BR9097	F191		313B	317F	44005	04/01/90	04/30/90	1	6,683
9000126	BR9098	F191		313B	317F	44007	04/01/90	04/30/90	1	7,046
9000126	BR9099	F191		313B	317F	44008	04/01/90	04/30/90	1	7,760
9000126	BR9100	F191		313B	317F	44009	04/01/90	04/30/90	1	7,042
9000126	BR9101	F191		313B	317F	44011	04/01/90	04/30/90	1	7,742
9000126	BR9102	F191		313B	317F	44013	04/01/90	04/30/90	1	7,036
9000126	BR9103	F191		313B	317F	45001	04/15/90	04/30/90	1	3,564
9000126	BR9104	F191		313B	317F	45004	04/15/90	04/30/90	1	3,742
9000126	BR9105	F191		313B	317F	45006	04/16/90	04/30/90	1	3,434
9000126	BR9106	F191		313B	317F	45007	04/25/90	04/30/90	1	7,035
9000126	BR9107	F191		313B	317F	46003	04/01/90	04/30/90	1	7,072
9000126	BR9108	F191		313B	317F	46005	04/01/90	04/30/90	1	8,568
9000126	BR9109	F191		313B	317F	46006	04/01/90	04/30/90	1	7,769
9000126	BR9110	F191		313B	317F	46010	04/01/90	04/30/90	1	7,114
9000126	BR9111	F191		313B	317F	46011	04/01/90	04/30/90	1	8,568
9000126	BR9112	F191		313B	317F	46013	04/01/90	04/30/90	1	7,076
9000126	BR9113	F191		313B	317F	46014	04/01/90	04/30/90	1	8,544
9000126	BR9114	F191		313B	317F	46022	04/01/90	04/30/90	1	2,868
9000126	BR9115	F191		313B	317F	46025	04/01/90	04/30/90	1	8,580
9000126	BR9116	F191		313B	317F	46026	04/01/90	04/30/90	1	7,096
9000126	BR9117	F191		313B	317F	46027	04/01/90	04/30/90	1	6,972
9000126	BR9118	F191		313B	317F	46028	04/01/90	04/30/90	1	8,580
9000126	BR9119	F191		313B	317F	46030	04/11/90	04/30/90	1	4,542
9000126	BR9120	F191		313B	317F	46035	04/01/90	04/30/90	1	7,756
9000126	BR9121	F191		313B	317F	46040	04/01/90	04/24/90	1	4,772
9000126	BR9122	F191		313B	317F	46041	04/01/90	04/30/90	1	7,092
9000126	BR9123	F191		313B	317F	46042	04/01/90	04/30/90	1	43,434
9000126	BR9124	F191		313B	317F	51001	04/01/90	04/30/90	1	8,502
9000126	BR9125	F191		313B	317F	51002	04/01/90	04/30/90	1	8,504
9000126	BR9126	F191		313B	317F	51003	04/01/90	04/30/90	1	1,534
9000126	BR9127	F191		313B	317F	51004	04/01/90	04/30/90	1	8,460
9000126	BR9128	F191		313B	317F	ALSN6	04/01/90	04/30/90	1	6,482
9000126	BR9129	F191		313B	317F	BURL1	04/01/90	04/30/90	1	2,139
9000126	BR9130	F191		313B	317F	BUZM3	04/01/90	04/30/90	1	1,406
9000126	BR9131	F191		313B	317F	CARO3	04/01/90	04/30/90	1	1,424
9000126	BR9132	F191		313B	317F	CHLV2	04/01/90	04/30/90	1	7,081

9000126	BR9133	F191	313B	317F	CLKN7	04/01/90	04/30/90	1	2,118
9000126	BR9134	F191	313B	317F	CSBF1	04/01/90	04/30/90	1	2,141
9000126	BR9135	F191	313B	317F	DBLN6	04/01/90	04/30/90	1	1,420
9000126	BR9136	F191	313B	317F	DESW1	04/01/90	04/30/90	1	1,426
9000126	BR9137	F191	313B	317F	DISW3	04/01/90	04/30/90	1	1,414
9000126	BR9138	F191	313B	317F	DPIA1	04/01/90	04/30/90	1	1,418
9000126	BR9139	F191	313B	317F	DSLN7	04/01/90	04/30/90	1	7,534
9000126	BR9140	F191	313B	317F	ENIP2	04/01/90	04/30/90	1	1,418
9000126	BR9141	F191	313B	317F	FARP2	04/01/90	04/30/90	1	926
9000126	BR9142	F191	313B	317F	FBIS1	04/01/90	04/30/90	1	1,418
9000126	BR9143	F191	313B	317F	FFIA2	04/01/90	04/30/90	1	1,424
9000126	BR9144	F191	313B	317F	FPSN7	04/01/90	04/30/90	1	2,124
9000126	BR9145	F191	313B	317F	GBCL1	04/01/90	04/30/90	1	2,142
9000126	BR9146	F191	313B	317F	GDIL1	04/01/90	04/30/90	1	2,125
9000126	BR9147	F191	313B	317F	GLLN6	04/01/90	04/30/90	1	1,414
9000126	BR9148	F191	313B	317F	IOSN3	04/01/90	04/30/90	1	1,424
9000126	BR9149	F191	313B	317F	LKWF1	04/01/90	04/30/90	1	2,100
9000126	BR9150	F191	313B	317F	MDRM1	04/01/90	04/30/90	1	1,412
9000126	BR9151	F191	313B	317F	MISM1	04/01/90	04/30/90	1	1,418
9000126	BR9152	F191	313B	317F	MLRF1	04/01/90	04/30/90	1	1,416
9000126	BR9153	F191	313B	317F	MPCL1	04/01/90	04/30/90	1	1,426
9000126	BR9154	F191	313B	317F	NWPO3	04/01/90	04/30/90	1	1,428
9000126	BR9155	F191	313B	317F	PILM4	04/01/90	04/30/90	1	1,412
9000126	BR9156	F191	313B	317F	PTAC1	04/01/90	04/30/90	1	1,430
9000126	BR9157	F191	313B	317F	PTAT2	04/01/90	04/30/90	1	2,082
9000126	BR9158	F191	313B	317F	PTGC1	04/01/90	04/30/90	1	1,430
9000126	BR9159	F191	313B	317F	ROAM4	04/01/90	04/30/90	1	1,400
9000126	BR9160	F191	313B	317F	SAUF1	04/01/90	04/30/90	1	2,048
9000126	BR9161	F191	313B	317F	SBIO1	04/01/90	04/30/90	1	1,414
9000126	BR9162	F191	313B	317F	SGNW3	04/01/90	04/30/90	1	1,414
9000126	BR9163	F191	313B	317F	SISW1	04/01/90	04/30/90	1	1,428
9000126	BR9164	F191	313B	317F	SMKF1	04/01/90	04/30/90	1	1,420
9000126	BR9165	F191	313B	317F	SPGF1	04/01/90	04/30/90	1	2,111
9000126	BR9166	F191	313B	317F	SRST2	04/02/90	04/30/90	1	2,024
9000126	BR9167	F191	313B	317F	STDM4	04/01/90	04/30/90	1	1,418
9000126	BR9168	F191	313B	317F	SVLS1	04/01/90	04/30/90	1	1,420
9000126	BR9169	F191	313B	317F	TPLM2	04/01/90	04/30/90	1	2,109
9000126	BR9170	F191	313B	317F	TTIW1	04/01/90	04/30/90	1	1,428
9000126	BR9171	F191	313B	317F	UJAP2	04/01/90	04/30/90	1	1,410
9000126	BR9172	F191	313B	317F	VENF1	04/01/90	04/30/90	1	2,137
9000126	BR9173	F191	313B	317F	WPOW1	04/01/90	04/30/90	1	1,385

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ACCESSION NO. _____

FILETYPE _____

TRACK NO. _____

PROJECT IDENTIFICATION _____

9000126

F191

BR9083-99

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6-14-90 6-14-90	C.M.H.	A01199 *	1	120	4080	227,290
DUPLICATE TAPE	6-22-90	FJM	W11211 *	1	120	4800	227,324
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

D191P

* = NO LABEL

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 90 00/26

FILETYPE F191

TRACK NO. BR9100 - BR9121

PROJECT IDENTIFICATION _____

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6-14-90	C.M.H.	A 01200 *	1	120	4080	145,486
DUPLICATE TAPE	6-29-90	F.J.M.	W 13477	1	120	4800	145,478
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* = NO LABEL

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. _____

FILETYPE _____

TRACK NO. _____

PROJECT IDENTIFICATION _____

90 00126

F191

BR 9122² - 9173

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6-14-90	C.M.H.	A01201 *	1	120	4080	168,096
DUPLICATE TAPE	7-3-90	FJM	W13546 *	1	120	4800	168,064
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* = NO LABEL

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D191P

Please scan tape

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

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	INPUT	A01199		9	1600					4080	1
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

Please return tape A01199 to Bin 09.

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
90061301	6-14-90	10:50	11:00	C	COMPLETED BY J.S.

COMMENTS

06/13/90

Please scan tape

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

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	INPUT	A01200		9	1600					4080	1
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 TYPE	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

Please return tape A01200 to Bin 09.

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
90061302	6-14-90	10:40	10:45	C	COMPLETED BY J.B

COMMENTS

Please scan tape

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	A01201		9	1600					4080	1
	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
	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

Please return tape A01201 to Bin 09.

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
90061303	6-14-90	10:30	10:35	C	COMPLETED BY J.S.

COMMENTS



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

May 31, 1990

F1804-02
DB3:90-0219
SPN: idm

Mr. Anthony Picciolo
Chief, Data Acquisition And Management Branch
NODC/NESDIS/NOAA
Universal South
1825 Connecticut Avenue, N.W.
Room 416
Washington, DC 20235

Dear Mr. Picciolo:

Enclosed are the April 1990, 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.

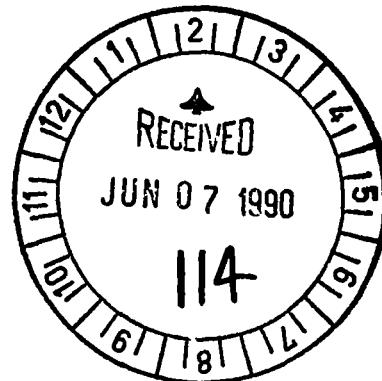
If you have any questions, please call B.G. Redmon at FTS 494-2834, or Commercial (601) 688-2834

Sincerely,

Sallie P. Nolan

Sallie P. Nolan
ADP Manager

Enclosures



Acc # 9000126

A 01199
A 01200
A 01201



Attachment

Tape 1: 32302 04019000-04309023
41001 04019000-04309023
41002 04019000-04309023
41006 04019000-04309023
41008 04019000-04309023
41009 04019000-04309023
41010 04019000-04309023
42001 04019000-04309023
42002 04019000-04309023
42003 04019000-04309023
42007 04019000-04309023
42015 04019000-04309023
42016 04019000-04309023
44004 04019000-04309023
44005 04019000-04309023
44007 04019000-04309023
44008 04019000-04309023

17

Tape 2: 44009 04019000-04309023
44011 04019000-04309023
44013 04019000-04309023
45001 04159022-04309023
45004 04159000-04309023
45006 04169012-04309023
45007 04259016-04309023
46003 04019000-04309023
46005 04019000-04309023
46006 04019000-04309023
46010 04019000-04309023
46011 04019000-04309023
46013 04019000-04309023
46014 04019000-04309023
46022 04019000-04309023
46025 04019000-04309023
46026 04019000-04309023
46027 04019000-04309023
46028 04019000-04309023
46030 04119012-04309023
46035 04019000-04309023
46040 04019000-04249002

22

Tape 3: 46041 04019000-04309023
46042 04019000-04309023
51001 04019000-04309023
51002 04019000-04309023
51003 04019000-04309023

52

(91)

51004 04019000-04309023
ALSN6 04019000-04309023
BURL1 04019000-04309023
BUZM3 04019000-04309023
CARO3 04019000-04309023
CHLV2 04019000-04309023
CLKN7 04019000-04309023
CSBF1 04019000-04309023
DBLN6 04019000-04309023
DESW1 04019000-04309023
DISW3 04019000-04309023
DPIA1 04019000-04309023
DSLN7 04019000-04309023
ENIP2 04019000-04309023
FARP2 04019000-04309023
FBIS1 04019000-04309023
FFIA2 04019000-04309023
FPSN7 04019000-04309023
GBCL1 04019000-04309023
GDIL1 04019000-04309023
GLLN6 04019000-04309023
IOSN3 04019000-04309023
LKWF1 04019000-04309023
MDRM1 04019000-04309023
MISM1 04019000-04309023
MLRF1 04019000-04309023
MPCL1 04019000-04309023
NWPO3 04019000-04309023
PILM4 04019000-04309023
PTAC1 04019000-04309023
PTAT2 04019000-04309023
PTGC1 04019000-04309023
ROAM4 04019000-04309023
SAUF1 04029015-04309023
SBIO1 04019000-04309023
SGNW3 04019000-04309023
SISW1 04019000-04309023
SMKF1 04019000-04309023
SPGF1 04019000-04309023
SRST2 04029014-04309023
STDMA 04019000-04309023
SVLS1 04019000-04309023
TPLM2 04019000-04309023
TTIW1 04019000-04309023
UJAP2 04019000-04309023
VENF1 04019000-04309023
WPOW1 04019000-04309023

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

[Empty box for file organization description]

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 <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>

ACC# 9000126

#114/6-7-90

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. Min. 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	I3, 2I2	Degrees, Minutes, Seconds
LONG. 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		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	65	20	Bytes		A20(optional)
INSTITUTION	85	20	Bytes	A20	Data source
WIND SAMPLING DURATION	105	3	Bytes	I3	Minutes to tenths
COMMENTS *for buoy data only	108	13	Bytes		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	Temperature, 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

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. bits, 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 refer- ence level
DEEPEST TROUGH SEA SURFACE	77	3	Bytes	I3	Meters to tenths, from refer- ence 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

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (A., Mo., Day)	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 NAME File Type "191"

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <small>(e.g. 100, 100)</small>	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. FILE NAME	15. POSITION FROM -1 MEASURED IN <small>(e.g., bits, bytes)</small>	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	If the exponent is less than -9 the exponent and its associated spectra should be zero
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 FORMAT DESCRIPTION

RECORD NAME

File Type "191"

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g. Mts, 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 16	Up to 9 <u>corrected</u> values of the angular fourier coefficients in meters ² /Hz. The order of these coefficients is: a ₀ , a ₁ , b ₁ , a ₂ , b ₂ , a ₃ , b ₃ , a ₄ , b ₄
EXPONENT	42	2	Bytes	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., MHz, 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. $C11S(M*M/HZ) = (C22+C33)/(K*K)$ 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.</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 HOURLY PEAK	35	3	Bytes	I3	M/S to Tenths
MINUTE OF HOURLY PEAK	38	3	Bytes	I3	Whole Degrees
END OF ACQUISITION TIME	41	2	Bytes	I2	Minutes (UTC)
FIRST AVERAGE DIRECTION ²	43	4	Bytes	2I2	Hour, Minutes (UTC)
FIRST AVERAGE SPEED	47	3	Bytes	I3	Whole Degrees
SECOND AVERAGE DIRECTION	50	3	Bytes	I3	M/S to Tenths
SECOND AVERAGE SPEED	53	3	Bytes	I3	Whole Degrees
THIRD AVERAGE DIRECTION	56	3	Bytes	I3	M/S to Tenths
THIRD AVERAGE SPEED	59	3	Bytes	I3	Whole Degrees
FOURTH AVERAGE DIRECTION	62	3	Bytes	I3	M/S to Tenths
FOURTH AVERAGE SPEED	65	3	Bytes	I3	Whole Degrees
FIFTH AVERAGE DIRECTION	68	3	Bytes	I3	M/S to Tenths
FIFTH AVERAGE SPEED	71	3	Bytes	I3	Whole Degrees
SIXTH AVERAGE DIRECTION	74	3	Bytes	I3	M/S to Tenths
SIXTH AVERAGE SPEED	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>1 Expansion Parameter.</p> <p>2 Ten 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
9000126	F291	BR9083	9999	313B	317F	1990/04/01	32302	191829
9000126	F291	BR9084	9999	313B	317F	1990/04/01	41001	191830
9000126	F291	BR9085	9999	313B	317F	1990/04/01	41002	191831
9000126	F291	BR9086	9999	313B	317F	1990/04/01	41006	191832
9000126	F291	BR9087	9999	313B	317F	1990/04/01	41008	191833
9000126	F291	BR9088	9999	313B	317F	1990/04/01	41009	191834
9000126	F291	BR9089	9999	313B	317F	1990/04/01	41010	191835
9000126	F291	BR9090	9999	313B	317F	1990/04/01	42001	191836
9000126	F291	BR9091	9999	313B	317F	1990/04/01	42002	191837
9000126	F291	BR9092	9999	313B	317F	1990/04/01	42003	191838
9000126	F291	BR9093	9999	313B	317F	1990/04/01	42007	191839
9000126	F291	BR9094	9999	313B	317F	1990/04/01	42015	191840
9000126	F291	BR9095	9999	313B	317F	1990/04/01	42016	191841
9000126	F291	BR9096	9999	313B	317F	1990/04/01	44004	191842
9000126	F291	BR9097	9999	313B	317F	1990/04/01	44005	191843
9000126	F291	BR9098	9999	313B	317F	1990/04/01	44007	191844
9000126	F291	BR9099	9999	313B	317F	1990/04/01	44008	191845
9000126	F291	BR9100	9999	313B	317F	1990/04/01	44009	191846
9000126	F291	BR9101	9999	313B	317F	1990/04/01	44011	191847
9000126	F291	BR9102	9999	313B	317F	1990/04/01	44013	191848
9000126	F291	BR9103	9999	313B	317F	1990/04/15	45001	191849
9000126	F291	BR9104	9999	313B	317F	1990/04/15	45004	191850
9000126	F291	BR9105	9999	313B	317F	1990/04/16	45006	191851
9000126	F291	BR9106	9999	313B	317F	1990/04/25	45007	191852
9000126	F291	BR9107	9999	313B	317F	1990/04/01	46003	191853
9000126	F291	BR9108	9999	313B	317F	1990/04/01	46005	191854
9000126	F291	BR9109	9999	313B	317F	1990/04/01	46006	191855
9000126	F291	BR9110	9999	313B	317F	1990/04/01	46010	191856
9000126	F291	BR9111	9999	313B	317F	1990/04/01	46011	191857
9000126	F291	BR9112	9999	313B	317F	1990/04/01	46013	191858
9000126	F291	BR9113	9999	313B	317F	1990/04/01	46014	191859
9000126	F291	BR9114	9999	313B	317F	1990/04/01	46022	191860
9000126	F291	BR9115	9999	313B	317F	1990/04/01	46025	191861
9000126	F291	BR9116	9999	313B	317F	1990/04/01	46026	191862
9000126	F291	BR9117	9999	313B	317F	1990/04/01	46027	191863
9000126	F291	BR9118	9999	313B	317F	1990/04/01	46028	191864
9000126	F291	BR9119	9999	313B	317F	1990/04/11	46030	191865
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9000126	F291	BR9121	9999	313B	317F	1990/04/01	46040	191867
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9000126	F291	BR9132	9999	313B	317F	1990/04/01	CHLV2	191878
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9000126	F291	BR9170	9999	313B	317F	1990/04/01	TTIW1	191916
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9000126	F291	BR9172	9999	313B	317F	1990/04/01	VENF1	191918
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9000126	F291	BR9089	317F	1	14012	90/04/01	90/04/01
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9000126	F291	BR9113	317F	1	8544	90/04/01	90/04/01
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