


01/03/90

TO: E/OC12 - Branch Chief 

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Wind/Wave Spectra (F191)

Acc: 8900293 Ref: BR8531 - BR8547 17 sta. 219,066 rec.

NOAA-NDBC

(October 1989)

Wind/Wave Spectra (F191)

Acc: 8900293 Ref: BR8548 - BR8577 30 sta. 233,784 rec.

NOAA-NDBC

(October 1989)

Wind/Wave Spectra (F191)

Acc: 8900293 Ref: BR8578 - BR8627 50 sta. 159,018 rec.

NOAA-NDBC

(October 1989)

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900293	BR8531	F191		313B	317F	32302	10/01/89	10/31/89	1	4,914
8900293	BR8532	F191		313B	317F	41001	10/01/89	10/31/89	1	8,884
8900293	BR8533	F191		313B	317F	41002	10/01/89	10/31/89	1	8,126
8900293	BR8534	F191		313B	317F	41008	10/01/89	10/19/89	1	27,031
8900293	BR8535	F191		313B	317F	41009	10/01/89	10/31/89	1	14,608
8900293	BR8536	F191		313B	317F	41010	10/01/89	10/31/89	1	14,704
8900293	BR8537	F191		313B	317F	41011	10/01/89	10/17/89	1	3,962
8900293	BR8538	F191		313B	317F	42001	10/01/89	10/31/89	1	8,110
8900293	BR8539	F191		313B	317F	42002	10/01/89	10/31/89	1	8,120
8900293	BR8540	F191		313B	317F	42003	10/01/89	10/31/89	1	7,969
8900293	BR8541	F191		313B	317F	42007	10/01/89	10/31/89	1	8,047
8900293	BR8542	F191		313B	317F	42015	10/01/89	10/31/89	1	44,249
8900293	BR8543	F191		313B	317F	42016	10/01/89	10/31/89	1	38,393
8900293	BR8544	F191		313B	317F	44004	10/23/89	10/31/89	1	1,932
8900293	BR8545	F191		313B	317F	44005	10/01/89	10/31/89	1	4,746
8900293	BR8546	F191		313B	317F	44007	10/01/89	10/31/89	1	7,230
8900293	BR8547	F191		313B	317F	44008	10/01/89	10/31/89	1	8,041

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900293	BR8548	F191		313B	317F	44009	10/01/89	10/31/89	1	7,364
8900293	BR8549	F191		313B	317F	44011	10/01/89	10/31/89	1	2,904
8900293	BR8550	F191		313B	317F	44013	10/01/89	10/31/89	1	7,326
8900293	BR8551	F191		313B	317F	45001	10/01/89	10/31/89	1	7,386
8900293	BR8552	F191		313B	317F	45002	10/01/89	10/31/89	1	7,416
8900293	BR8553	F191		313B	317F	45003	10/01/89	10/31/89	1	7,368
8900293	BR8554	F191		313B	317F	45004	10/01/89	10/31/89	1	7,308
8900293	BR8555	F191		313B	317F	45005	10/01/89	10/15/89	1	20,471
8900293	BR8556	F191		313B	317F	45006	10/01/89	10/31/89	1	7,382
8900293	BR8557	F191		313B	317F	45007	10/01/89	10/31/89	1	7,386
8900293	BR8558	F191		313B	317F	45008	10/01/89	10/31/89	1	7,170
8900293	BR8559	F191		313B	317F	46001	10/01/89	10/31/89	1	8,848
8900293	BR8560	F191		313B	317F	46002	10/01/89	10/31/89	1	8,864
8900293	BR8561	F191		313B	317F	46003	10/01/89	10/31/89	1	7,272
8900293	BR8562	F191		313B	317F	46005	10/01/89	10/31/89	1	8,892
8900293	BR8563	F191		313B	317F	46006	10/01/89	10/31/89	1	8,019
8900293	BR8564	F191		313B	317F	46010	10/01/89	10/31/89	1	7,420
8900293	BR8565	F191		313B	317F	46011	10/01/89	10/17/89	1	3,750
8900293	BR8566	F191		313B	317F	46012	10/01/89	10/31/89	1	7,406
8900293	BR8567	F191		313B	317F	46013	10/01/89	10/31/89	1	7,398
8900293	BR8568	F191		313B	317F	46014	10/01/89	10/31/89	1	8,884
8900293	BR8569	F191		313B	317F	46022	10/01/89	10/31/89	1	8,848
8900293	BR8570	F191		313B	317F	46023	10/01/89	10/31/89	1	7,416
8900293	BR8571	F191		313B	317F	46025	10/13/89	10/31/89	1	5,172
8900293	BR8572	F191		313B	317F	46026	10/01/89	10/31/89	1	7,390
8900293	BR8573	F191		313B	317F	46027	10/01/89	10/31/89	1	7,138
8900293	BR8574	F191		313B	317F	46028	10/01/89	10/31/89	1	8,880
8900293	BR8575	F191		313B	317F	46030	10/01/89	10/31/89	1	7,384
8900293	BR8576	F191		313B	317F	46035	10/01/89	10/31/89	1	7,999
8900293	BR8577	F191		313B	317F	46040	10/01/89	10/31/89	1	7,315

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900293	BR8578	F191		313B	317F	46041	10/01/89	10/31/89	1	7,350
8900293	BR8579	F191		313B	317F	46042	10/01/89	10/31/89	1	44,786
8900293	BR8580	F191		313B	317F	51001	10/01/89	10/31/89	1	8,908
8900293	BR8581	F191		313B	317F	51002	10/01/89	10/31/89	1	8,770
8900293	BR8582	F191		313B	317F	51003	10/01/89	10/31/89	1	8,840
8900293	BR8583	F191		313B	317F	51004	10/01/89	10/05/89	1	414
8900293	BR8584	F191		313B	317F	ALSN6	10/01/89	10/31/89	1	1,472
8900293	BR8585	F191		313B	317F	BURL1	10/01/89	10/31/89	1	2,222
8900293	BR8586	F191		313B	317F	BUZM3	10/01/89	10/31/89	1	1,486
8900293	BR8587	F191		313B	317F	CARO3	10/01/89	10/31/89	1	1,476
8900293	BR8588	F191		313B	317F	CHLV2	10/01/89	10/31/89	1	7,786
8900293	BR8589	F191		313B	317F	CLKN7	10/01/89	10/31/89	1	2,204
8900293	BR8590	F191		313B	317F	CSBF1	10/01/89	10/31/89	1	2,226
8900293	BR8591	F191		313B	317F	DBLN6	10/06/89	10/31/89	1	1,204
8900293	BR8592	F191		313B	317F	DESW1	10/01/89	10/31/89	1	1,486
8900293	BR8593	F191		313B	317F	DISW3	10/01/89	10/31/89	1	1,480
8900293	BR8594	F191		313B	317F	DPIA1	10/01/89	10/31/89	1	1,478
8900293	BR8595	F191		313B	317F	DSL7	10/01/89	10/31/89	1	5,936
8900293	BR8596	F191		313B	317F	FARP2	10/01/89	10/31/89	1	1,390
8900293	BR8597	F191		313B	317F	FBIS1	10/01/89	10/31/89	1	1,424
8900293	BR8598	F191		313B	317F	FFIA2	10/01/89	10/31/89	1	1,482
8900293	BR8599	F191		313B	317F	FPSN7	10/01/89	10/31/89	1	2,203
8900293	BR8600	F191		313B	317F	GBCL1	10/01/89	10/31/89	1	1,476
8900293	BR8601	F191		313B	317F	GDIL1	10/01/89	10/31/89	1	2,182
8900293	BR8602	F191		313B	317F	GLLN6	10/01/89	10/31/89	1	1,480
8900293	BR8603	F191		313B	317F	IOSN3	10/01/89	10/31/89	1	1,484
8900293	BR8604	F191		313B	317F	LKWF1	10/01/89	10/31/89	1	1,480
8900293	BR8605	F191		313B	317F	MDRM1	10/01/89	10/31/89	1	1,484
8900293	BR8606	F191		313B	317F	MISM1	10/01/89	10/31/89	1	1,486
8900293	BR8607	F191		313B	317F	MRLF1	10/01/89	10/31/89	1	1,488
8900293	BR8608	F191		313B	317F	MPCL1	10/01/89	10/31/89	1	1,470
8900293	BR8609	F191		313B	317F	NWPO3	10/01/89	10/31/89	1	1,474
8900293	BR8610	F191		313B	317F	PILM4	10/01/89	10/31/89	1	1,482
8900293	BR8611	F191		313B	317F	PTAC1	10/01/89	10/31/89	1	1,478
8900293	BR8612	F191		313B	317F	PTAT2	10/01/89	10/31/89	1	1,092
8900293	BR8613	F191		313B	317F	PTGC1	10/01/89	10/31/89	1	1,476
8900293	BR8614	F191		313B	317F	ROAM4	10/01/89	10/31/89	1	1,458
8900293	BR8615	F191		313B	317F	SAUF1	10/01/89	10/31/89	1	2,149
8900293	BR8616	F191		313B	317F	SBIO1	10/01/89	10/31/89	1	1,484
8900293	BR8617	F191		313B	317F	SGNW3	10/01/89	10/31/89	1	1,484
8900293	BR8618	F191		313B	317F	SISW1	10/01/89	10/31/89	1	1,488
8900293	BR8619	F191		313B	317F	SMKF1	10/01/89	10/14/89	1	634
8900293	BR8620	F191		313B	317F	SPGF1	10/01/89	10/31/89	1	2,212
8900293	BR8621	F191		313B	317F	SRST2	10/01/89	10/31/89	1	2,208
8900293	BR8622	F191		313B	317F	STDM4	10/01/89	10/31/89	1	1,486
8900293	BR8623	F191		313B	317F	SVLS1	10/01/89	10/31/89	1	1,488
8900293	BR8624	F191		313B	317F	TPLM2	10/01/89	10/31/89	1	1,486
8900293	BR8625	F191		313B	317F	TTIW1	10/01/89	10/31/89	1	1,478
8900293	BR8626	F191		313B	317F	VENF1	10/01/89	10/31/89	1	1,480
8900293	BR8627	F191		313B	317F	WPOW1	10/01/89	10/31/89	1	1,406

0. 8900293

FILETYPE F191

TRACK NO. _____

PROJECT IDENTIFICATION _____

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
	12/08/89	CMH	A01012 W14519	1	120	4080	219,086
	↓	CMH	A01013 W14883	1	120	4080	233,784
TAPE	↓	CMH	A01014 W16221	1	120	4080	159,018
D TAPE							
D DISK							
MEK							
MEK							
022							
FINALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR:

D191P

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

ADP FACILITIES REQUEST FORM

USER NAME CONKRIGHT	PHONE # 673-5643	ORG/TASK # E/OC13	DATE SUBMITTED 12-19-89	DATE DUE	BIN # 32
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

RUN PROCEDURE BRBUOY - 7

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	A01012		9	1600	0	NL	FB	120	4080	1	
	SECTOR SIZE	EXCHANGE TYPE	CODE: SCT 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	W14519		9	1600	0	NL	FB	120	4800	1	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

**ASSIGN
PLEASE "W" TAPE & PUT IN BIN-32**

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
89122401	12/30/89	08:55	11:35	C	COMPLETED BY J.S.

COMMENTS

8900293 OCT FL91

ADP FACILITIES REQUEST FORM

USER NAME CONKRIGHT	PHONE #	ORG/TASK # E/OC13	DATE SUBMITTED 12-26-89	DATE DUE	BIN # 32
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

Run Procedure BRBU04-8

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	A01013		9	1600	0	NL	FB	120	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	W14883		9	1600	0	NL	FB	120	4800	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

SPECIAL INSTRUCTIONS Please Assign "W" tape and put in Bin 32	ESTIMATED EXECUTION TIME
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D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED

COMMENTS

USER NAME CONKRIGHT	PHONE # 673-5643	ORG/TASK # E10C13	DATE 1/02/80	DATE DUE	BIN # 32
EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED					

Run Procedure BRBU04-9

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)
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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	A01014		9	1600	0	NL	FB	120	4080	1	
	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	W16221		9	1600	0	NL	FB	120	4800	1	
	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

SPECIAL INSTRUCTIONS

Please assign "W" tape and put in Bin 32

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
90010201	1-2-80	11:30	14:00	C	COMPLETED BY J.S.

COMMENTS

8900293

Cliff Hartley

673-5636

EG1200 SN311H9

SUBMITTED

18/07/89

ASAP

09

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

Please scan tape

INPUT MEDIUM

PAPER CARD DISK TAPE
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM

CARD DISK PRINT TAPE PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
INPUT	A01012		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 A01012 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
11/07/89	11/28/89	07:30	07:40	C	COMPLETED BY J.S

COMMENTS

Cliff Hartley

673-5636

EG1200 8N3HH-9

SUBMITTED 12/07/89

ASAP

09

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

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	A01013		9	1600					2.5	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 A01013 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
673-5636-7012	12/08/89	07:45	07:55	C	COMPLETED BY J.S

COMMENTS

Cliff Hartley

673-5636

EG1200 SN3AH-9

SUBMITTED 12/07/89

ASAP

09

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

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)
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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	A01014		9	1600					4050	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 A01014 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
12/05/89	12/05/89	08:00	08:10	C	COMPLETED BY J.S

COMMENTS

8900293



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

November 30, 1989

F1804-02
DB3:89-592
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 Sir:

Enclosed are the October 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

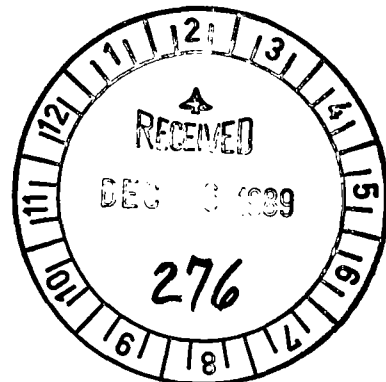
Sincerely,

Sallie P. Nolan

Sallie P. Nolan
ADP Manager

Enclosures

A01012
A01013
A01014



97 BUOYS



Attachment

Tape 1: 32302 10018900-10318923
41001 10018900-10318923
41002 10018900-10318923
41008 10018900-10198917
41009 10018900-10318923
41010 10018900-10318923
41011 10018900-10178920
42001 10018900-10318923
42002 10018900-10318923
42003 10018900-10318923 - 10
42007 10018900-10318923
42015 10018900-10318923
42016 10018900-10318923
44004 10238918-10318923
44005 10018900-10318923
44007 10018900-10318923
44008 10018900-10318923 - 17

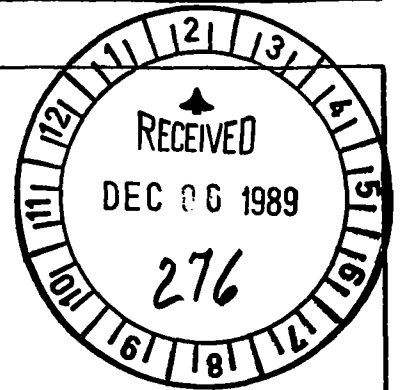
Tape 2: 44009 10018900-10318923
44011 10018900-10318923
44013 10018900-10318923
45001 10018900-10318923
45002 10018900-10318923
45003 10018900-10318923
45004 10018900-10318923
45005 10018900-10158919
45006 10018900-10318923
45007 10018900-10318923 - 10
45008 10018900-10318923
46001 10018900-10318923
46002 10018900-10318923
46003 10018900-10318923
46005 10018900-10318923
46006 10018900-10318923
46010 10018900-10318923
46011 10018900-10178900
46012 10018900-10318923
46013 10018900-10318923 - 20
46014 10018900-10318923
46022 10018900-10318923
46023 10018900-10318923
46025 10138922-10318923
46026 10018900-10318923
46027 10018900-10318923
46028 10018900-10318923
46030 10018900-10318923
46035 10018900-10318923
46040 10018900-10318923 - 30

Tape 3: 46041 10018900-10318923
46042 10018900-10318923
51001 10018900-10318923
51002 10018900-10318923
51003 10018900-10318923
51004 10018900-10058921
ALSN6 10018900-10318923
BURL1 10018900-10318923
BUZM3 10018900-10318923
CARO3 10018900-10318923-10
CHLV2 10018900-10318923
CLKN7 10018900-10318923
CSBF1 10018900-10318923
DBLN6 10068920-10318923
DESW1 10018900-10318923
DISW3 10018900-10318923
DPIA1 10018900-10318923
DSLN7 10018900-10318923
FARP2 10018900-10318923
FBIS1 10018900-10318923-20
FFIA2 10018900-10318923
FPSN7 10018900-10318923
GBCL1 10018900-10318923
GDIL1 10018900-10318923
GLLN6 10018900-10318923
IOSN3 10018900-10318923
LKWF1 10018900-10318923
MDRM1 10018900-10318923
MISM1 10018900-10318923
MLRF1 10018900-10318923-30
MPCL1 10018900-10318923
NWPO3 10018900-10318923
PILM4 10018900-10318923
PTAC1 10018900-10318923
PTAT2 10018900-10318923
PTGC1 10018900-10318923
ROAM4 10018900-10318923
SAUF1 10018900-10318923
SBIO1 10018900-10318923
SGNW3 10018900-10318923-40
SISW1 10018900-10318923
SMKF1 10018900-10148911
SPGF1 10018900-10318923
SRST2 10018900-10318923
STDMA 10018900-10318923
SVLS1 10018900-10318923
TPLM2 10018900-10318923
TTIW1 10018900-10318923
VENF1 10018900-10318923
WPOW1 10018900-10318923-50

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 style="text-align: center;">4080</p>	
<p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8</p>	

RECORD FORMAT DESCRIPTION

RECORD NAME

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

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (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
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		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		
	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	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

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

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., 10h, bytes)	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)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., Mb, 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

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		
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., 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*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., Mts, 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 <small>(e.g., bits, bytes)</small>	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	flèA	refNo	proj	inst	ship	startDate	cruise	catId
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8900293	F291	BR8570	9999	313B	317F	1989/10/01	46023	189715
8900293	F291	BR8571	9999	313B	317F	1989/10/13	46025	189716
8900293	F291	BR8572	9999	313B	317F	1989/10/01	46026	189717
8900293	F291	BR8573	9999	313B	317F	1989/10/01	46027	189718
8900293	F291	BR8574	9999	313B	317F	1989/10/01	46028	189719
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8900293	F291	BR8576	9999	313B	317F	1989/10/01	46035	189721
8900293	F291	BR8577	9999	313B	317F	1989/10/01	46040	189722
8900293	F291	BR8578	9999	313B	317F	1989/10/01	46041	189723
8900293	F291	BR8579	9999	313B	317F	1989/10/01	46042	189724
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8900293	F291	BR8582	9999	313B	317F	1989/10/01	51003	189727
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8900293	F291	BR8584	9999	313B	317F	1989/10/01	ALSN6	189729
8900293	F291	BR8585	9999	313B	317F	1989/10/01	BURL1	189730
8900293	F291	BR8586	9999	313B	317F	1989/10/01	BUZM3	189731
8900293	F291	BR8587	9999	313B	317F	1989/10/01	CAR03	189732
8900293	F291	BR8588	9999	313B	317F	1989/10/01	CHLV2	189733
8900293	F291	BR8589	9999	313B	317F	1989/10/01	CLKN7	189734
8900293	F291	BR8590	9999	313B	317F	1989/10/01	CSBF1	189735
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8900293	F291	BR8593	9999	313B	317F	1989/10/01	DISW3	189738
8900293	F291	BR8594	9999	313B	317F	1989/10/01	DPIA1	189739
8900293	F291	BR8595	9999	313B	317F	1989/10/01	DSLN7	189740
8900293	F291	BR8596	9999	313B	317F	1989/10/01	FARP2	189741
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(97 rows affected)

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accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
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8900293	F291	BR8573	317F	1	7138	89/10/01	89/10/01
8900293	F291	BR8574	317F	1	8880	89/10/01	89/10/01
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8900293	F291	BR8590	317F	1	2226	89/10/01	89/10/01
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8900293	F291	BR8543	317F	1	38393	89/10/01	89/10/01
8900293	F291	BR8544	317F	1	1932	89/10/23	89/10/23
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(97 rows affected)