

05/23/91

TO: E/OC12 - Douglas Hamilton
E/OC11 - P. Hadsell
FROM: E/OC13 - A. Picciolo
SUBJECT: Data Transfer

209,776
189,532

399,308

The following listed data sets have been transferred as indicated:

Wind/Wave Spectra (F191)

Acc: 9100030 Ref: BR9879 - BR9895 17 sta. 209,776 rec.

NOAA-NDBC
(December 1990)

Wind/Wave Spectra (F191)

Acc: 9100030 Ref: BR9896 - BR9911 16 sta. 189,532 rec.

NOAA-NDBC
(December 1990)

Wind/Wave Spectra (F191)

Acc: 9100030 Ref: BR9912 - BR9929 18 sta. 189,532 rec.

NOAA-NDBC
(December 1990)

Wind/Wave Spectra (F191)

Acc: 9100030 Ref: BR9930 - BR9977 48 sta. 115,350 rec.

NOAA-NDBC
(December 1990)

AMAZING BUT TRUE

June 1991
189,532
189,532
115,350

494,414

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100030	BR9879	F191		313B	317F	41001	12/01/90	12/31/90	1	8,164
9100030	BR9880	F191		313B	317F	41002	12/01/90	12/31/90	1	7,134
9100030	BR9881	F191		313B	317F	41006	12/01/90	12/31/90	1	8,156
9100030	BR9882	F191		313B	317F	41008	12/01/90	12/31/90	1	45,325
9100030	BR9883	F191		313B	317F	41009	12/01/90	12/31/90	1	12,242
9100030	BR9884	F191		313B	317F	41010	12/01/90	12/31/90	1	14,854
9100030	BR9885	F191		313B	317F	42001	12/01/90	12/31/90	1	8,157
9100030	BR9886	F191		313B	317F	42002	12/01/90	12/31/90	1	7,998
9100030	BR9887	F191		313B	317F	42003	12/01/90	12/31/90	1	8,184
9100030	BR9888	F191		313B	317F	42007	12/01/90	12/31/90	1	2,231
9100030	BR9889	F191		313B	317F	42019	12/01/90	12/31/90	1	7,422
9100030	BR9890	F191		313B	317F	42020	12/01/90	12/31/90	1	7,424
9100030	BR9891	F191		313B	317F	44001	12/01/90	12/31/90	1	40,662
9100030	BR9892	F191		313B	317F	44004	12/01/90	12/31/90	1	8,148
9100030	BR9893	F191		313B	317F	44005	12/01/90	12/31/90	1	8,147
9100030	BR9894	F191		313B	317F	44007	12/01/90	12/31/90	1	7,430
9100030	BR9895	F191		313B	317F	44008	12/01/90	12/31/90	1	8,098

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100030	BR9896	F191		313B	317F	44009	12/01/90	12/31/90	1	7,396
9100030	BR9897	F191		313B	317F	44011	12/01/90	12/31/90	1	6,195
9100030	BR9898	F191		313B	317F	44012	12/29/90	12/31/90	1	500
9100030	BR9899	F191		313B	317F	44013	12/01/90	12/31/90	1	7,404
9100030	BR9900	F191		313B	317F	44014	12/01/90	12/31/90	1	45,207
9100030	BR9901	F191		313B	317F	44015	12/01/90	12/31/90	1	44,672
9100030	BR9902	F191		313B	317F	45001	12/01/90	12/02/90	1	404
9100030	BR9903	F191		313B	317F	45002	12/01/90	12/31/90	1	8,928
9100030	BR9904	F191		313B	317F	45004	12/01/90	12/31/90	1	8,908
9100030	BR9905	F191		313B	317F	45005	12/01/90	12/10/90	1	13,546
9100030	BR9906	F191		313B	317F	46001	12/01/90	12/31/90	1	8,163
9100030	BR9907	F191		313B	317F	46002	12/01/90	12/31/90	1	8,000
9100030	BR9908	F191		313B	317F	46003	12/01/90	12/31/90	1	8,175
9100030	BR9909	F191		313B	317F	46006	12/01/90	12/31/90	1	7,358
9100030	BR9910	F191		313B	317F	46010	12/07/90	12/31/90	1	5,774
9100030	BR9911	F191		313B	317F	46011	12/01/90	12/31/90	1	8,902

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100030	BR9912	F191		313B	317F	46012	12/01/90	12/31/90	1	8,898
9100030	BR9913	F191		313B	317F	46013	12/01/90	12/31/90	1	8,872
9100030	BR9914	F191		313B	317F	46014	12/01/90	12/31/90	1	8,918
9100030	BR9915	F191		313B	317F	46022	12/01/90	12/09/90	1	2,316
9100030	BR9916	F191		313B	317F	46023	12/01/90	12/31/90	1	8,882
9100030	BR9917	F191		313B	317F	46025	12/01/90	12/31/90	1	8,918
9100030	BR9918	F191		313B	317F	46026	12/01/90	12/31/90	1	7,374
9100030	BR9919	F191		313B	317F	46027	12/01/90	12/31/90	1	7,332
9100030	BR9920	F191		313B	317F	46028	12/01/90	12/31/90	1	8,916
9100030	BR9921	F191		313B	317F	46030	12/01/90	12/29/90	1	6,002
9100030	BR9922	F191		313B	317F	46035	12/01/90	12/31/90	1	8,099
9100030	BR9923	F191		313B	317F	46041	12/01/90	12/03/90	1	370
9100030	BR9924	F191		313B	317F	46042	12/01/90	12/31/90	1	45,264
9100030	BR9925	F191		313B	317F	51001	12/01/90	12/31/90	1	8,928
9100030	BR9926	F191		313B	317F	51002	12/01/90	12/18/90	1	5,164
9100030	BR9927	F191		313B	317F	51003	12/01/90	12/31/90	1	8,904
9100030	BR9928	F191		313B	317F	51004	12/01/90	12/30/90	1	8,474
9100030	BR9929	F191		313B	317F	52009	12/01/90	12/20/90	1	27,901

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100030	BR9930	F191		313B	317F	ALSN6	12/01/90	12/31/90	1	5,788
9100030	BR9931	F191		313B	317F	BURL1	12/01/90	12/31/90	1	2,228
9100030	BR9932	F191		313B	317F	BUZM3	12/01/90	12/31/90	1	6,546
9100030	BR9933	F191		313B	317F	CARO3	12/01/90	12/31/90	1	1,486
9100030	BR9934	F191		313B	317F	CHLV2	12/12/90	12/31/90	1	4,928
9100030	BR9935	F191		313B	317F	CLKN7	12/01/90	12/31/90	1	2,232
9100030	BR9936	F191		313B	317F	CSBF1	12/01/90	12/31/90	1	2,224
9100030	BR9937	F191		313B	317F	DBLN6	12/01/90	12/31/90	1	1,476
9100030	BR9938	F191		313B	317F	DESW1	12/01/90	12/31/90	1	1,484
9100030	BR9939	F191		313B	317F	DISW3	12/01/90	12/31/90	1	1,478
9100030	BR9940	F191		313B	317F	DP1A1	12/01/90	12/31/90	1	1,486
9100030	BR9941	F191		313B	317F	DSL7	12/01/90	12/31/90	1	7,886
9100030	BR9942	F191		313B	317F	ENIP2	12/01/90	12/31/90	1	1,486
9100030	BR9943	F191		313B	317F	FBIS1	12/01/90	12/31/90	1	1,484
9100030	BR9944	F191		313B	317F	FFIA2	12/01/90	12/31/90	1	1,478
9100030	BR9945	F191		313B	317F	FPSN7	12/01/90	12/31/90	1	2,228
9100030	BR9946	F191		313B	317F	GBCL1	12/01/90	12/31/90	1	7,338
9100030	BR9947	F191		313B	317F	GDIL1	12/01/90	12/31/90	1	1,806
9100030	BR9948	F191		313B	317F	GLLN6	12/01/90	12/31/90	1	1,480
9100030	BR9949	F191		313B	317F	IOSN3	12/01/90	12/31/90	1	1,428
9100030	BR9950	F191		313B	317F	KOSP2	12/01/90	12/31/90	1	1,482
9100030	BR9951	F191		313B	317F	LKWF1	12/01/90	12/31/90	1	2,200
9100030	BR9952	F191		313B	317F	MDRM1	12/01/90	12/31/90	1	1,480
9100030	BR9953	F191		313B	317F	MISM1	12/01/90	12/31/90	1	950
9100030	BR9954	F191		313B	317F	MLIP2	12/11/90	12/31/90	1	970
9100030	BR9955	F191		313B	317F	MLRF1	12/01/90	12/31/90	1	1,482
9100030	BR9956	F191		313B	317F	MPCL1	12/01/90	12/31/90	1	7,880
9100030	BR9957	F191		313B	317F	NWPO3	12/01/90	12/31/90	1	1,486
9100030	BR9958	F191		313B	317F	PAGP2	12/01/90	12/31/90	1	1,488
9100030	BR9959	F191		313B	317F	PILM4	12/01/90	12/31/90	1	1,460
9100030	BR9960	F191		313B	317F	PTAC1	12/01/90	12/31/90	1	1,486
9100030	BR9961	F191		313B	317F	PTAT2	12/01/90	12/31/90	1	2,154
9100030	BR9962	F191		313B	317F	PTGC1	12/01/90	12/31/90	1	1,480
9100030	BR9963	F191		313B	317F	ROAM4	12/01/90	12/31/90	1	1,268
9100030	BR9964	F191		313B	317F	SAUF1	12/01/90	12/31/90	1	2,167
9100030	BR9965	F191		313B	317F	SBIO1	12/01/90	12/31/90	1	1,428
9100030	BR9966	F191		313B	317F	SGNW3	12/01/90	12/31/90	1	1,398
9100030	BR9967	F191		313B	317F	SISW1	12/01/90	12/31/90	1	1,486
9100030	BR9968	F191		313B	317F	SMKF1	12/01/90	12/31/90	1	1,472
9100030	BR9969	F191		313B	317F	SPGF1	12/01/90	12/31/90	1	2,175
9100030	BR9970	F191		313B	317F	SRST2	12/01/90	12/31/90	1	2,229
9100030	BR9971	F191		313B	317F	STDM4	12/01/90	12/31/90	1	1,476
9100030	BR9972	F191		313B	317F	SVLS1	12/01/90	12/31/90	1	7,637
9100030	BR9973	F191		313B	317F	TPLM2	12/01/90	12/31/90	1	1,937
9100030	BR9974	F191		313B	317F	TTIW1	12/01/90	12/31/90	1	1,486
9100030	BR9975	F191		313B	317F	UJAP2	12/01/90	12/31/90	1	1,482
9100030	BR9976	F191		313B	317F	VENF1	12/01/90	12/31/90	1	2,229
9100030	BR9977	F191		313B	317F	WPOW1	12/01/90	12/31/90	1	1,512

ACCESSION NO. 9100030

FILETYPE F191

TRACK NO. _____

PROJECT IDENTIFICATION _____

completed BR 9879-9895

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	<u>2-6-91</u>	<u>TK</u>	<u>A01363 *</u>	<u>1</u>	<u>120</u>	<u>4080</u>	<u>209,746</u>
DUPLICATE TAPE	<u>4-29-91</u>	<u>FJM</u>	<u>W18772 **</u>	<u>1</u>	<u>120</u>	<u>4800</u>	<u>209,746</u>
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* = 1600 b.p.l, NL
 ** = 6250, b.p.l, NL

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 9100030

FILETYPE F191

TRACK NO. _____

PROJECT IDENTIFICATION _____

BR9896-9911

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	<u>2-6-91</u>	<u>FJM</u>	<u>A01364 *</u>	<u>1</u>	<u>120</u>	<u>4080</u>	<u>189,550</u>
DUPLICATE TAPE	<u>5-6-91</u>	<u>FJM</u>	<u>W18774 **</u>	<u>1</u>	<u>120</u>	<u>4800</u>	<u>189,538</u>
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* = NL, 1600 b.p.l.
 ** = NL, 6250 b.p.l.

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

D191P
 COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 9100030 FILETYPE F191

TRACK NO. _____ PROJECT IDENTIFICATION _____
BR9912-9929

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	2-6-91	FJM	A01365 *	1	120	4080	18952
DUPLICATE TAPE	5-13-90	FJM	W18778 **	1	120	4800	189532
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* = NO LABEL, 1600 B.P.I.
 ** = NO LABEL, 6250 B.P.I.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 9100030

FILETYPE F191

TRACK NO. _____

PROJECT IDENTIFICATION _____

BR 9930-9977

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	2-6-91	C.M.H.	A01366 *	1	120	4080	115,328
DUPLICATE TAPE	5-22-91	FJM	W18781 **	1	120	4800	115,350
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

* = 1600 B.P.I., NL

** = 6250 B.P.I., NL

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

User Name T. KNAPIK	Phone # 673-5643	Org/Task 1513	Submit Date 2/17/91	Due Date
------------------------	---------------------	------------------	------------------------	----------

PART A

Request/Problem Category

- General Info Communications Equipment Supplies
 Software Test Data Computer Operations

Operator Job Request

Operator Job Request Type

- Run BRBUOY procedure Name: _____ See attached list
 Run SELBUOY procedure Name: _____ See attached list
 Run BUOYSUM procedure Name: _____ See attached list
 Run OTHER procedure - see SPECIAL INSTRUCTIONS
 Tape Scan
 Tape to Tape Copy Scan OUTPUT tape? yes no
 Disk to Tape Copy Scan OUTPUT tape? yes no
 Tape to Disk Copy
 Print 80 column 132 column HEX OCTAL Character
 All files/records? yes no, see SPECIAL INSTRUCTIONS
 Restore VAX file Name: _____
 OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please return tape to Bin-38
T. Hanks

JOB INPUT

Id#/Filename: AΦ1363

Medium: Tape Disk Diskette Other Specify:
 Code: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 800 1600 6250 NL SL
 MAX Record Length: 120 MAX Blocksize: 4080

JOB OUTPUT

Id#/Filename: AΦ1363

Medium: Tape Disk Diskette Other Specify:
 Code: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 800 1600 6250 NL SL
 Record Length: 120 MAX Blocksize: 4080

(OC3 Use Only)

JOB Number: 9Φ2Φ712

Completed By: *J.A.*

Date/Time Start: 2-7-91/14:45
 Date/Time Completed: 2-7-91/14:50

User Name T. Hanker	Phone # 708-5603	Org/Task 15013	Submit Date 2-17-91	Due Date
------------------------	---------------------	-------------------	------------------------	----------

PART A

Request/Problem Category

- General Info Communications Equipment Supplies
 Software Tape Library Computer Operation:
 Other

PART B (For Operator Job Requests)

Operator Job Request Type

- Run ERBUOY procedure Name: _____ See attached list
 Run SELBUOY procedure Name: _____ See attached list
 Run BUOYSUM procedure Name: _____ See attached list
 Run OTHER procedure - see SPECIAL INSTRUCTIONS
 Tape Scan
 Tape to Tape Copy Scan OUTPUT tape? yes no
 Disk to Tape Copy Scan OUTPUT tape? yes no
 Tape to Disk Copy
 Print 80 column 132 column HEX OCTAL Character
 All files/records? yes no. see SPECIAL INSTRUCTIONS
 Restore VAX file Name: _____
 OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please return tape to Ben-38
T. Hanker

JOB INPUT

Id#/Filename: A01364

Medium: Tape Disk Diskette Other Specify:
 Code: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 800 1600 6250 NL SL
 MAX Record Length: 120 MAX Blocksize: 4080

JOB OUTPUT

Id#/Filename: A01364

Medium: Tape Disk Diskette Other Specify:
 Code: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 800 1600 6250 NL SL
 Record Length: 120 MAX Blocksize: 4080

(OC3 Use Only)
 JOB Number: 91020711
 Completed By: *J.S.*

Date/Time Start: 2-7-91/14:55
 Date/Time Completed: 2-7-91/15:00

User Name T.H. HANES	Phone # 273-5643	Org/Task 1013	Submit Date 2/17/91	Due Date
-------------------------	---------------------	------------------	------------------------	----------

PART A

Request/Problem Category

- General Info Communications Equipment Supplies
 Software Tape Library Computer Operations
 Other

PART B (For Operator Job Requests)

Operator Job Request Type

- Run BRBUOY procedure Name: _____ See attached list
 Run SELBUOY procedure Name: _____ See attached list
 Run BUOYSUM procedure Name: _____ See attached list
 Run OTHER procedure - see SPECIAL INSTRUCTIONS
 Tape Scan
 Tape to Tape Copy Scan OUTPUT tape? yes no
 Disk to Tape Copy Scan OUTPUT tape? yes no
 Tape to Disk Copy
 Print 80 column 132 column HEX OCTAL Character
 All files/records? yes no. see SPECIAL INSTRUCTIONS
 Restore VAX file Name: _____
 OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please return tape to Bin-38
T. Hanes

JOB INPUT

Id#/Filename: AΦ1365

Medium: Tape Disk Diskette Other Specify:
 Code: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 800 1600 6250 NL SL
 MAX Record Length: 120 MAX Blocksize: 4080

JOB OUTPUT

Id#/Filename: AΦ1365

Medium: Tape Disk Diskette Other Specify:
 Code: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 800 1600 6250 NL SL
 Record Length: 120 MAX Blocksize: 4080

(OC3 Use Only)

JOB Number: 91Φ2Φ71Φ J.A.
Completed By:

Date/Time Start: 2-7-91/15:05
Date/Time Completed: 2-7-91/



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

January 28, 1991

F1804-02
 DB3:91-0032
 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 December 1990, Nine Track, 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,

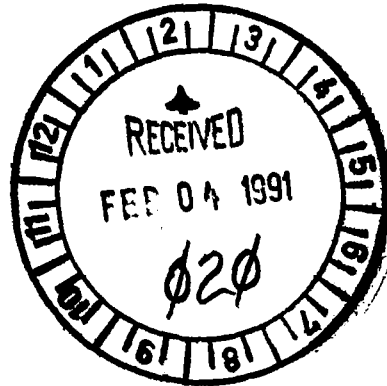
Sallie P. Nolan

Sallie P. Nolan
 ADP Manager

#9100030

Enclosures

~~970~~
 Aφ 1363
 Aφ 1364
 Aφ 1365
 Aφ 1366



*104
 700, am*



Attachment

Tape 1: 41001 12019000-12319023
41002 12019000-12319023
41006 12019000-12319023
41008 12019000-12319023
41009 12019000-12319023
41010 12019000-12319023
42001 12019000-12319023
42002 12019000-12319023
42003 12019000-12319023
42007 12019000-12319023
42019 12019000-12319023
42020 12019000-12319023
44001 12019000-12319023
44004 12019000-12319023
44005 12019000-12319023
44007 12019000-12319023
44008 12019000-12319023

17

Tape 2: 44009 12019000-12319023
44011 12019000-12319023
44012 12299022-12319023
44013 12019000-12319023
44014 12019000-12319023
44015 12019000-12319023
45001 12019000-12029017
45002 12019000-12319023
45004 12019000-12319023
45005 12019000-12109008
46001 12019000-12319023
46002 12019000-12319023
46003 12019000-12319023
46006 12019000-12319023
46010 12079002-12319023
46011 12019000-12319023

16

Tape 3 46012 12019000-12319023
46013 12019000-12319023
46014 12019000-12319023
46022 12019000-12099000
46023 12019000-12319023
46025 12019000-12319023
46026 12013000-12319023
46027 12019000-12319023
46028 12019000-12319023
46030 12019000-12299009
46035 12019000-12319023
46041 12019000-12039001
46042 12019000-12319023

51001 12019000-12319023
51002 12019000-12199000
51003 12019000-12319023
51004 12019000-12309011
52009 12019000-12209014

18

51

Tape 4 ALSN6 12019000-12319023
BURL1 12019000-12319023
BUZM3 12019000-12319023
CARO3 12019000-12319023
CHLV2 12129020-12319023
CLKN7 12019000-12319023
CSBF1 12019000-12319023
DBLN6 12019000-12319023
DESW1 12019000-12319023
DISW3 12019000-12319023
DP1A1 12019000-12319023
DSL7 12019000-12319023
ENIP2 12019000-12319023
FBIS1 12019000-12319023
FFIA2 12019000-12319023
FPSN7 12019000-12319023
GBCL1 12019000-12319023
GDIL1 12019000-12319023
GLLN6 12019000-12319023
IOSN3 12019000-12319023
KOSP2 12019000-12319023
LKWF1 12019000-12319023
MDRM1 12019000-12319023
MISM1 12019000-12079009
MLIP2 12119019-12319023
MLRF1 12019000-12319023
MPCL1 12019000-12319023
NWPO3 12019000-12319023
PAGP2 12019000-12319023
PILM4 12019000-12319023
PTAC1 12019000-12319023
PTAT2 12019000-12319023
PTGC1 12019000-12319023
ROAM4 12019000-12319023
SAUF1 12019000-12319023
SBIO1 12019000-12319023
SGNW3 12019000-12319023
SISW1 12019000-12319023
SMKF1 12019000-12319023
SPGF1 12019000-12319023
SRST2 12019000-12319023
STD4 12019000-12319023
SVLS1 12019000-12319023
TPLM2 12019000-12319023
TTIW1 12019000-12319023
UJAP2 12019000-12319023

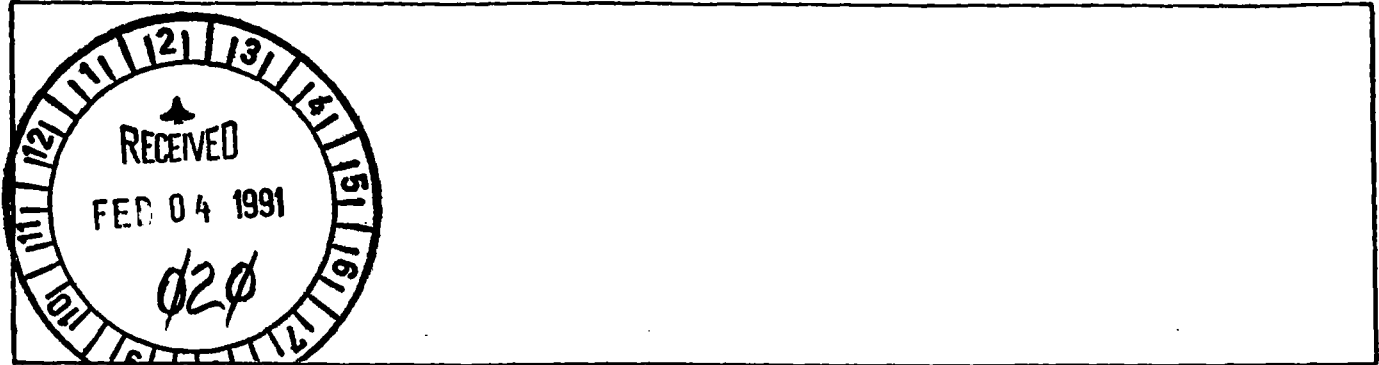
db

VENF1 12019000-12319023
WPOW1 12019000-12319023

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 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 KEY 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., Min, byte)	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
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	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., 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 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. Min, 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)

RECORD NAME File Type "191"

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		
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., Min, 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., Min, Bytes)	16. LENGTH		19. 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 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., Min, 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 on 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 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 ¹⁰¹ 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
9100030	F291	BR9899	9999	313B	317F	1990/12/01	44013	194543
9100030	F291	BR9900	9999	313B	317F	1990/12/01	44014	194544
9100030	F291	BR9901	9999	313B	317F	1990/12/01	44015	194545
9100030	F291	BR9902	9999	313B	317F	1990/12/01	45001	194546
9100030	F291	BR9903	9999	313B	317F	1990/12/01	45002	194547
9100030	F291	BR9904	9999	313B	317F	1990/12/01	45004	194548
9100030	F291	BR9905	9999	313B	317F	1990/12/01	45005	194549
9100030	F291	BR9906	9999	313B	317F	1990/12/01	46001	194550
9100030	F291	BR9907	9999	313B	317F	1990/12/01	46002	194551
9100030	F291	BR9908	9999	313B	317F	1990/12/01	46003	194552
9100030	F291	BR9909	9999	313B	317F	1990/12/01	46006	194553
9100030	F291	BR9910	9999	313B	317F	1990/12/07	46010	194554
9100030	F291	BR9911	9999	313B	317F	1990/12/01	46011	194555
9100030	F291	BR9912	9999	313B	317F	1990/12/01	46012	194556
9100030	F291	BR9913	9999	313B	317F	1990/12/01	46013	194557
9100030	F291	BR9914	9999	313B	317F	1990/12/01	46014	194558
9100030	F291	BR9915	9999	313B	317F	1990/12/01	46022	194559
9100030	F291	BR9916	9999	313B	317F	1990/12/01	46023	194560
9100030	F291	BR9917	9999	313B	317F	1990/12/01	46025	194561
9100030	F291	BR9918	9999	313B	317F	1990/12/01	46026	194562
9100030	F291	BR9919	9999	313B	317F	1990/12/01	46027	194563
9100030	F291	BR9920	9999	313B	317F	1990/12/01	46028	194564
9100030	F291	BR9921	9999	313B	317F	1990/12/01	46030	194565
9100030	F291	BR9922	9999	313B	317F	1990/12/01	46035	194566
9100030	F291	BR9923	9999	313B	317F	1990/12/01	46041	194567
9100030	F291	BR9924	9999	313B	317F	1990/12/01	46042	194568
9100030	F291	BR9925	9999	313B	317F	1990/12/01	51001	194569
9100030	F291	BR9926	9999	313B	317F	1990/12/01	51002	194570
9100030	F291	BR9927	9999	313B	317F	1990/12/01	51003	194571
9100030	F291	BR9928	9999	313B	317F	1990/12/01	51004	194572
9100030	F291	BR9929	9999	313B	317F	1990/12/01	52009	194573
9100030	F291	BR9930	9999	313B	317F	1990/12/01	ALSN6	194574
9100030	F291	BR9931	9999	313B	317F	1990/12/01	BURL1	194575
9100030	F291	BR9932	9999	313B	317F	1990/12/01	BUZM3	194576
9100030	F291	BR9933	9999	313B	317F	1990/12/01	CARO3	194577
9100030	F291	BR9934	9999	313B	317F	1990/12/12	CHLV2	194578
9100030	F291	BR9935	9999	313B	317F	1990/12/01	CLKN7	194579
9100030	F291	BR9936	9999	313B	317F	1990/12/01	CSBF1	194580
9100030	F291	BR9937	9999	313B	317F	1990/12/01	DBLN6	194581
9100030	F291	BR9938	9999	313B	317F	1990/12/01	DESW1	194582
9100030	F291	BR9939	9999	313B	317F	1990/12/01	DISW3	194583
9100030	F291	BR9940	9999	313B	317F	1990/12/01	DPJA1	194584
9100030	F291	BR9941	9999	313B	317F	1990/12/01	DSL7	194585
9100030	F291	BR9942	9999	313B	317F	1990/12/01	ENIP2	194586
9100030	F291	BR9943	9999	313B	317F	1990/12/01	FBIS1	194587
9100030	F291	BR9944	9999	313B	317F	1990/12/01	FFIA2	194588
9100030	F291	BR9945	9999	313B	317F	1990/12/01	FPSN7	194589
9100030	F291	BR9946	9999	313B	317F	1990/12/01	GBCL1	194590
9100030	F291	BR9947	9999	313B	317F	1990/12/01	GDIL1	194591
9100030	F291	BR9948	9999	313B	317F	1990/12/01	GLLN6	194592
9100030	F291	BR9949	9999	313B	317F	1990/12/01	IOSN3	194593
9100030	F291	BR9950	9999	313B	317F	1990/12/01	KOSP2	194594
9100030	F291	BR9951	9999	313B	317F	1990/12/01	LKWF1	194595
9100030	F291	BR9952	9999	313B	317F	1990/12/01	MDRM1	194596
9100030	F291	BR9953	9999	313B	317F	1990/12/01	MISM1	194597
9100030	F291	BR9954	9999	313B	317F	1990/12/11	MLIP2	194598

9100030	F291	BR9955	9999	313B	317F	1990/12/01	MLRF1	194599
9100030	F291	BR9956	9999	313B	317F	1990/12/01	MPCL1	194600
9100030	F291	BR9957	9999	313B	317F	1990/12/01	NWPO3	194601
9100030	F291	BR9958	9999	313B	317F	1990/12/01	PAGP2	194602
9100030	F291	BR9959	9999	313B	317F	1990/12/01	PILM4	194603
9100030	F291	BR9960	9999	313B	317F	1990/12/01	PTAC1	194604
9100030	F291	BR9961	9999	313B	317F	1990/12/01	PTAT2	194605
9100030	F291	BR9962	9999	313B	317F	1990/12/01	PTGC1	194606
9100030	F291	BR9963	9999	313B	317F	1990/12/01	ROAM4	194607
9100030	F291	BR9964	9999	313B	317F	1990/12/01	SAUF1	194608
9100030	F291	BR9965	9999	313B	317F	1990/12/01	SBIO1	194609
9100030	F291	BR9966	9999	313B	317F	1990/12/01	SGNW3	194610
9100030	F291	BR9967	9999	313B	317F	1990/12/01	SISW1	194611
9100030	F291	BR9968	9999	313B	317F	1990/12/01	SMKF1	194612
9100030	F291	BR9969	9999	313B	317F	1990/12/01	SPGF1	194613
9100030	F291	BR9970	9999	313B	317F	1990/12/01	SRST2	194614
9100030	F291	BR9971	9999	313B	317F	1990/12/01	STDM4	194615
9100030	F291	BR9972	9999	313B	317F	1990/12/01	SVLS1	194616
9100030	F291	BR9973	9999	313B	317F	1990/12/01	TPLM2	194617
9100030	F291	BR9974	9999	313B	317F	1990/12/01	TTIW1	194618
9100030	F291	BR9975	9999	313B	317F	1990/12/01	UJAP2	194619
9100030	F291	BR9976	9999	313B	317F	1990/12/01	VENF1	194620
9100030	F291	BR9977	9999	313B	317F	1990/12/01	WPOW1	194621
9100030	F291	BR9879	9999	313B	317F	1990/12/01	41001	194523
9100030	F291	BR9880	9999	313B	317F	1990/12/01	41002	194524
9100030	F291	BR9881	9999	313B	317F	1990/12/01	41006	194525
9100030	F291	BR9882	9999	313B	317F	1990/12/01	41008	194526
9100030	F291	BR9883	9999	313B	317F	1990/12/01	41009	194527
9100030	F291	BR9884	9999	313B	317F	1990/12/01	41010	194528
9100030	F291	BR9885	9999	313B	317F	1990/12/01	42001	194529
9100030	F291	BR9886	9999	313B	317F	1990/12/01	42002	194530
9100030	F291	BR9887	9999	313B	317F	1990/12/01	42003	194531
9100030	F291	BR9888	9999	313B	317F	1990/12/01	42007	194532
9100030	F291	BR9889	9999	313B	317F	1990/12/01	42019	194533
9100030	F291	BR9890	9999	313B	317F	1990/12/01	42020	194534
9100030	F291	BR9891	9999	313B	317F	1990/12/01	44001	194535
9100030	F291	BR9892	9999	313B	317F	1990/12/01	44004	194536
9100030	F291	BR9893	9999	313B	317F	1990/12/01	44005	194537
9100030	F291	BR9894	9999	313B	317F	1990/12/01	44007	194538
9100030	F291	BR9895	9999	313B	317F	1990/12/01	44008	194539
9100030	F291	BR9896	9999	313B	317F	1990/12/01	44009	194540
9100030	F291	BR9897	9999	313B	317F	1990/12/01	44011	194541
9100030	F291	BR9898	9999	313B	317F	1990/12/29	44012	194542

(99 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
9100030	F291	BR9899	317F	1	7404	90/12/01	90/12/31
9100030	F291	BR9900	317F	1	45207	90/12/01	90/12/31
9100030	F291	BR9901	317F	1	44672	90/12/01	90/12/31
9100030	F291	BR9902	317F	1	404	90/12/01	90/12/02
9100030	F291	BR9903	317F	1	8928	90/12/01	90/12/31
9100030	F291	BR9904	317F	1	8908	90/12/01	90/12/31
9100030	F291	BR9905	317F	1	13546	90/12/01	90/12/10
9100030	F291	BR9906	317F	1	8163	90/12/01	90/12/31
9100030	F291	BR9907	317F	1	8000	90/12/01	90/12/31
9100030	F291	BR9908	317F	1	8175	90/12/01	90/12/31
9100030	F291	BR9909	317F	1	7358	90/12/01	90/12/31
9100030	F291	BR9910	317F	1	5774	90/12/07	90/12/31
9100030	F291	BR9911	317F	1	8902	90/12/01	90/12/31
9100030	F291	BR9912	317F	1	8898	90/12/01	90/12/31
9100030	F291	BR9913	317F	1	8872	90/12/01	90/12/31
9100030	F291	BR9914	317F	1	8918	90/12/01	90/12/31
9100030	F291	BR9915	317F	1	2316	90/12/01	90/12/09
9100030	F291	BR9916	317F	1	8882	90/12/01	90/12/31
9100030	F291	BR9917	317F	1	8918	90/12/01	90/12/31
9100030	F291	BR9918	317F	1	7374	90/12/01	90/12/31
9100030	F291	BR9919	317F	1	7332	90/12/01	90/12/31
9100030	F291	BR9920	317F	1	8916	90/12/01	90/12/31
9100030	F291	BR9921	317F	1	6002	90/12/01	90/12/29
9100030	F291	BR9922	317F	1	8099	90/12/01	90/12/31
9100030	F291	BR9923	317F	1	370	90/12/01	90/12/03
9100030	F291	BR9924	317F	1	45264	90/12/01	90/12/31
9100030	F291	BR9925	317F	1	8928	90/12/01	90/12/31
9100030	F291	BR9926	317F	1	5164	90/12/01	90/12/18
9100030	F291	BR9927	317F	1	8904	90/12/01	90/12/31
9100030	F291	BR9928	317F	1	8474	90/12/01	90/12/30
9100030	F291	BR9929	317F	1	27901	90/12/01	90/12/20
9100030	F291	BR9930	317F	1	5788	90/12/01	90/12/31
9100030	F291	BR9931	317F	1	2228	90/12/01	90/12/31
9100030	F291	BR9932	317F	1	6546	90/12/01	90/12/31
9100030	F291	BR9933	317F	1	1486	90/12/01	90/12/31
9100030	F291	BR9934	317F	1	4928	90/12/12	90/12/31
9100030	F291	BR9935	317F	1	2232	90/12/01	90/12/31
9100030	F291	BR9936	317F	1	2224	90/12/01	90/12/31
9100030	F291	BR9937	317F	1	1476	90/12/01	90/12/31
9100030	F291	BR9938	317F	1	1484	90/12/01	90/12/31
9100030	F291	BR9939	317F	1	1478	90/12/01	90/12/31
9100030	F291	BR9940	317F	1	1486	90/12/01	90/12/31
9100030	F291	BR9941	317F	1	7886	90/12/01	90/12/31
9100030	F291	BR9942	317F	1	1486	90/12/01	90/12/31
9100030	F291	BR9943	317F	1	1484	90/12/01	90/12/31
9100030	F291	BR9944	317F	1	1478	90/12/01	90/12/31
9100030	F291	BR9945	317F	1	2228	90/12/01	90/12/31
9100030	F291	BR9946	317F	1	7338	90/12/01	90/12/31
9100030	F291	BR9947	317F	1	1806	90/12/01	90/12/31
9100030	F291	BR9948	317F	1	1480	90/12/01	90/12/31
9100030	F291	BR9949	317F	1	1428	90/12/01	90/12/31
9100030	F291	BR9950	317F	1	1482	90/12/01	90/12/31
9100030	F291	BR9951	317F	1	2200	90/12/01	90/12/31
9100030	F291	BR9952	317F	1	1480	90/12/01	90/12/31
9100030	F291	BR9953	317F	1	950	90/12/01	90/12/31
9100030	F291	BR9954	317F	1	970	90/12/11	90/12/31

9100030	F291	BR9955	317F	1	1482	90/12/01	90/12/31
9100030	F291	BR9956	317F	1	7880	90/12/01	90/12/31
9100030	F291	BR9957	317F	1	1486	90/12/01	90/12/31
9100030	F291	BR9958	317F	1	1488	90/12/01	90/12/31
9100030	F291	BR9959	317F	1	1460	90/12/01	90/12/31
9100030	F291	BR9960	317F	1	1486	90/12/01	90/12/31
9100030	F291	BR9961	317F	1	2154	90/12/01	90/12/31
9100030	F291	BR9962	317F	1	1480	90/12/01	90/12/31
9100030	F291	BR9963	317F	1	1268	90/12/01	90/12/31
9100030	F291	BR9964	317F	1	2167	90/12/01	90/12/31
9100030	F291	BR9965	317F	1	1428	90/12/01	90/12/31
9100030	F291	BR9966	317F	1	1398	90/12/01	90/12/31
9100030	F291	BR9967	317F	1	1486	90/12/01	90/12/31
9100030	F291	BR9968	317F	1	1472	90/12/01	90/12/31
9100030	F291	BR9969	317F	1	2175	90/12/01	90/12/31
9100030	F291	BR9970	317F	1	2229	90/12/01	90/12/31
9100030	F291	BR9971	317F	1	1476	90/12/01	90/12/31
9100030	F291	BR9972	317F	1	7637	90/12/01	90/12/31
9100030	F291	BR9973	317F	1	1937	90/12/01	90/12/31
9100030	F291	BR9974	317F	1	1486	90/12/01	90/12/31
9100030	F291	BR9975	317F	1	1482	90/12/01	90/12/31
9100030	F291	BR9976	317F	1	2229	90/12/01	90/12/31
9100030	F291	BR9977	317F	1	1512	90/12/01	90/12/31
9100030	F291	BR9879	317F	1	8164	90/12/01	90/12/31
9100030	F291	BR9880	317F	1	7134	90/12/01	90/12/31
9100030	F291	BR9881	317F	1	8156	90/12/01	90/12/31
9100030	F291	BR9882	317F	1	45325	90/12/01	90/12/31
9100030	F291	BR9883	317F	1	12242	90/12/01	90/12/31
9100030	F291	BR9884	317F	1	14854	90/12/01	90/12/31
9100030	F291	BR9885	317F	1	8157	90/12/01	90/12/31
9100030	F291	BR9886	317F	1	7998	90/12/01	90/12/31
9100030	F291	BR9887	317F	1	8184	90/12/01	90/12/31
9100030	F291	BR9888	317F	1	2231	90/12/01	90/12/31
9100030	F291	BR9889	317F	1	7422	90/12/01	90/12/31
9100030	F291	BR9890	317F	1	7424	90/12/01	90/12/31
9100030	F291	BR9891	317F	1	40662	90/12/01	90/12/31
9100030	F291	BR9892	317F	1	8148	90/12/01	90/12/31
9100030	F291	BR9893	317F	1	8147	90/12/01	90/12/31
9100030	F291	BR9894	317F	1	7430	90/12/01	90/12/31
9100030	F291	BR9895	317F	1	8098	90/12/01	90/12/31
9100030	F291	BR9896	317F	1	7396	90/12/01	90/12/31
9100030	F291	BR9897	317F	1	6195	90/12/01	90/12/31
9100030	F291	BR9898	317F	1	500	90/12/29	90/12/31

(99 rows affected)