

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000071	BR8941	F191		313B 317F	46041	02/01/90	02/28/90	1	6,556
9000071	BR8942	F191		313B 317F	46042	02/01/90	02/28/90	1	39,564
9000071	BR8943	F191		313B 317F	51001	02/01/90	02/28/90	1	5,604
9000071	BR8944	F191		313B 317F	51002	02/01/90	02/28/90	1	8,054
9000071	BR8945	F191		313B 317F	51003	02/01/90	02/28/90	1	448
9000071	BR8946	F191		313B 317F	51004	02/01/90	02/28/90	1	8,002
9000071	BR8947	F191		313B 317F	ALSN6	02/01/90	02/28/90	1	6,184
9000071	BR8948	F191		313B 317F	BURL1	02/01/90	02/28/90	1	2,005
9000071	BR8949	F191		313B 317F	BUZM3	02/01/90	02/28/90	1	1,318
9000071	BR8950	F191		313B 317F	CARO3	02/01/90	02/28/90	1	1,340
9000071	BR8951	F191		313B 317F	CHLV2	02/01/90	02/28/90	1	6,288
9000071	BR8952	F191		313B 317F	CLKN7	02/01/90	02/28/90	1	2,006
9000071	BR8953	F191		313B 317F	CSBF1	02/01/90	02/28/90	1	1,998
9000071	BR8954	F191		313B 317F	DBLN6	02/01/90	02/28/90	1	1,328
9000071	BR8955	F191		313B 317F	DESW1	02/01/90	02/28/90	1	1,338
9000071	BR8956	F191		313B 317F	DISW3	02/01/90	02/28/90	1	1,344
9000071	BR8957	F191		313B 317F	DPIA1	02/01/90	02/28/90	1	1,332
9000071	BR8958	F191		313B 317F	DSL7	02/01/90	02/28/90	1	7,051
9000071	BR8959	F191		313B 317F	ENIP2	02/01/90	02/28/90	1	1,338
9000071	BR8960	F191		313B 317F	FARP2	02/01/90	02/28/90	1	1,058
9000071	BR8961	F191		313B 317F	FBIS1	02/01/90	02/28/90	1	1,340
9000071	BR8962	F191		313B 317F	FFIA2	02/01/90	02/28/90	1	1,338
9000071	BR8963	F191		313B 317F	FPSN7	02/01/90	02/28/90	1	2,005
9000071	BR8964	F191		313B 317F	GBCL1	02/01/90	02/28/90	1	2,004
9000071	BR8965	F191		313B 317F	GDIL1	02/01/90	02/28/90	1	1,984
9000071	BR8966	F191		313B 317F	GLLN6	02/01/90	02/28/90	1	1,318
9000071	BR8967	F191		313B 317F	IOSN3	02/01/90	02/28/90	1	1,342
9000071	BR8968	F191		313B 317F	LKWF1	02/01/90	02/28/90	1	2,008
9000071	BR8969	F191		313B 317F	MDRM1	02/01/90	02/28/90	1	1,344
9000071	BR8970	F191		313B 317F	MISM1	02/01/90	02/28/90	1	1,342
9000071	BR8971	F191		313B 317F	MRLF1	02/01/90	02/28/90	1	1,342
9000071	BR8972	F191		313B 317F	MPCL1	02/01/90	02/28/90	1	1,298
9000071	BR8973	F191		313B 317F	NWPO3	02/01/90	02/28/90	1	1,338
9000071	BR8974	F191		313B 317F	PILM4	02/01/90	02/28/90	1	1,342
9000071	BR8975	F191		313B 317F	PTAC1	02/01/90	02/28/90	1	1,336
9000071	BR8976	F191		313B 317F	PTAT2	02/01/90	02/28/90	1	1,912
9000071	BR8977	F191		313B 317F	PTGC1	02/01/90	02/28/90	1	1,336
9000071	BR8978	F191		313B 317F	ROAM4	02/01/90	02/28/90	1	1,106
9000071	BR8979	F191		313B 317F	SAUF1	02/01/90	02/28/90	1	2,007
9000071	BR8980	F191		313B 317F	SBIO1	02/01/90	02/28/90	1	1,220
9000071	BR8981	F191		313B 317F	SGNW3	02/01/90	02/28/90	1	1,342
9000071	BR8982	F191		313B 317F	SISW1	02/01/90	02/28/90	1	1,340
9000071	BR8983	F191		313B 317F	SMKF1	02/01/90	02/28/90	1	1,344
9000071	BR8984	F191		313B 317F	SPGF1	02/01/90	02/28/90	1	2,012
9000071	BR8985	F191		313B 317F	SRST2	02/01/90	02/28/90	1	2,007
9000071	BR8986	F191		313B 317F	STDM4	02/01/90	02/28/90	1	1,342
9000071	BR8987	F191		313B 317F	SVLS1	02/01/90	02/28/90	1	1,344
9000071	BR8988	F191		313B 317F	TPLM2	02/01/90	02/28/90	1	2,012
9000071	BR8989	F191		313B 317F	TTIW1	02/01/90	02/28/90	1	1,338
9000071	BR8990	F191		313B 317F	UJAP2	02/01/90	02/28/90	1	1,340

.00071	BR8991	F191	313B 317F	VENF1	02/01/90	02/28/90	1	2,000
9000071	BR8992	F191	313B 317F	WPOW1	02/01/90	02/28/90	1	1,233

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000071	BR8902	F191		313B	317F	32302	02/01/90	02/28/90	1	5,956
9000071	BR8903	F191		313B	317F	41001	02/01/90	02/28/90	1	7,352
9000071	BR8904	F191		313B	317F	41006	02/10/90	02/28/90	1	4,746
9000071	BR8905	F191		313B	317F	41008	02/01/90	02/28/90	1	40,455
9000071	BR8906	F191		313B	317F	41009	02/01/90	02/28/90	1	13,336
9000071	BR8907	F191		313B	317F	41010	02/01/90	02/28/90	1	13,354
9000071	BR8908	F191		313B	317F	42001	02/01/90	02/28/90	1	7,328
9000071	BR8909	F191		313B	317F	42002	02/01/90	02/28/90	1	7,323
9000071	BR8910	F191		313B	317F	42003	02/01/90	02/28/90	1	7,365
9000071	BR8911	F191		313B	317F	42007	02/01/90	02/28/90	1	7,310
9000071	BR8912	F191		313B	317F	42015	02/01/90	02/28/90	1	40,518
9000071	BR8913	F191		313B	317F	42016	02/07/90	02/28/90	1	31,545
9000071	BR8914	F191		313B	317F	42018	02/06/90	02/28/90	1	32,043
9000071	BR8915	F191		313B	317F	44004	02/01/90	02/28/90	1	7,310
9000071	BR8916	F191		313B	317F	44005	02/01/90	02/28/90	1	6,606
9000071	BR8917	F191		313B	317F	44007	02/01/90	02/28/90	1	6,658
9000071	BR8918	F191		313B	317F	44008	02/01/90	02/28/90	1	7,289

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000071	BR8919	F191		313B	317F	44009	02/01/90	02/28/90	1	3,912
9000071	BR8920	F191		313B	317F	44011	02/01/90	02/28/90	1	7,331
9000071	BR8921	F191		313B	317F	44013	02/01/90	02/28/90	1	6,632
9000071	BR8922	F191		313B	317F	46001	02/01/90	02/28/90	1	3,522
9000071	BR8923	F191		313B	317F	46002	02/01/90	02/10/90	1	878
9000071	BR8924	F191		313B	317F	46003	02/01/90	02/28/90	1	6,666
9000071	BR8925	F191		313B	317F	46005	02/01/90	02/28/90	1	8,054
9000071	BR8926	F191		313B	317F	46006	02/01/90	02/28/90	1	7,182
9000071	BR8927	F191		313B	317F	46010	02/01/90	02/28/90	1	6,644
9000071	BR8928	F191		313B	317F	46011	02/18/90	02/28/90	1	2,906
9000071	BR8929	F191		313B	317F	46012	02/01/90	02/28/90	1	6,676
9000071	BR8930	F191		313B	317F	46013	02/01/90	02/28/90	1	6,684
9000071	BR8931	F191		313B	317F	46014	02/01/90	02/28/90	1	2,712
9000071	BR8932	F191		313B	317F	46022	02/01/90	02/28/90	1	8,010
9000071	BR8933	F191		313B	317F	46023	02/01/90	02/03/90	1	120
9000071	BR8934	F191		313B	317F	46025	02/01/90	02/28/90	1	8,052
9000071	BR8935	F191		313B	317F	46026	02/01/90	02/28/90	1	6,682
9000071	BR8936	F191		313B	317F	46027	02/01/90	02/28/90	1	6,410
9000071	BR8937	F191		313B	317F	46028	02/01/90	02/28/90	1	8,020
9000071	BR8938	F191		313B	317F	46030	02/01/90	02/28/90	1	6,660
9000071	BR8939	F191		313B	317F	46035	02/01/90	02/28/90	1	7,168
9000071	BR8940	F191		313B	317F	46040	02/01/90	02/28/90	1	6,609

ACCESSION NO. 9000071 FILETYPE F191

TRACK NO. _____ PROJECT IDENTIFICATION _____
BR8902-8918

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	4-6-90	C.M.H.	AQ 1158 *	1	120	4080	246,500
DUPLICATE TAPE	5-1-90	F.J.M.	W12555 *	1	120	4800	246,494
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

ACCESSION NO. 9000071 FILETYPE F191

TRACK NO. _____ PROJECT IDENTIFICATION _____

BR 8919 - 8940

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRCL	BLK SIZE	NO. RECORDS
ORIG. TAPE	4-6-90	C.M.H.	A01159 *	1	120	4080	127,534
DUPLICATE TAPE	5-4-90	F.J.M.	W12718 W12718 *	1	120	4800	127,530
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

~~ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:~~

W12178

* = NO LABEL

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 90 00071 FILETYPE F191

TRACK NO. _____

PROJECT IDENTIFICATION: _____

February 1990

BR8941-8992

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	4-6-90	C.M.H.	A01160 *	1	120	4080	153,068
DUPLICATE TAPE	5-9-90	FOM	W12875 **	1	120	4800	153,072
REFORMATTED TAPE	10-24-90	FOM	W06335 **	↓	↓	↓	↓
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

W12178

* = NO LABEL
** = NO LABEL

first 2 tapes done

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

W12875 lost tape

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D191P

ACCESSION NO. 90 00071 FILETYPE F191

TRACK NO. _____

PROJECT IDENTIFICATION _____

BR8941-8992

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	4-6-90	C.M.H.	A01160 *	1	120	4080	153,068
DUPLICATE TAPE	5-9-90	FJM	W12875 **	1	120	4800	153,072
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

~~ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:~~

* = NO LABEL
 ** = NO. LABEL

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

D191P

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000071	BR8941	F191		313B	317F	46041	02/01/90	02/28/90	1	6,556
9000071	BR8942	F191		313B	317F	46042	02/01/90	02/28/90	1	39,564
9000071	BR8943	F191		313B	317F	51001	02/01/90	02/28/90	1	5,604
9000071	BR8944	F191		313B	317F	51002	02/01/90	02/28/90	1	8,054
9000071	BR8945	F191		313B	317F	51003	02/01/90	02/28/90	1	448
9000071	BR8946	F191		313B	317F	51004	02/01/90	02/28/90	1	8,002
9000071	BR8947	F191		313B	317F	ALSN6	02/01/90	02/28/90	1	6,184
9000071	BR8948	F191		313B	317F	BURL1	02/01/90	02/28/90	1	2,005
9000071	BR8949	F191		313B	317F	BUZM3	02/01/90	02/28/90	1	1,318
9000071	BR8950	F191		313B	317F	CARO3	02/01/90	02/28/90	1	1,340
9000071	BR8951	F191		313B	317F	CHLV2	02/01/90	02/28/90	1	6,288
9000071	BR8952	F191		313B	317F	CLKN7	02/01/90	02/28/90	1	2,006
9000071	BR8953	F191		313B	317F	CSBF1	02/01/90	02/28/90	1	1,998
9000071	BR8954	F191		313B	317F	DBLN6	02/01/90	02/28/90	1	1,328
9000071	BR8955	F191		313B	317F	DESW1	02/01/90	02/28/90	1	1,338
9000071	BR8956	F191		313B	317F	DISW3	02/01/90	02/28/90	1	1,344
9000071	BR8957	F191		313B	317F	DPIA1	02/01/90	02/28/90	1	1,332
9000071	BR8958	F191		313B	317F	DSLN7	02/01/90	02/28/90	1	7,051
9000071	BR8959	F191		313B	317F	ENIP2	02/01/90	02/28/90	1	1,338
9000071	BR8960	F191		313B	317F	FARP2	02/01/90	02/28/90	1	1,058
9000071	BR8961	F191		313B	317F	FBIS1	02/01/90	02/28/90	1	1,340
9000071	BR8962	F191		313B	317F	FFIA2	02/01/90	02/28/90	1	1,338
9000071	BR8963	F191		313B	317F	FPSN7	02/01/90	02/28/90	1	2,005
9000071	BR8964	F191		313B	317F	GBCL1	02/01/90	02/28/90	1	2,004
9000071	BR8965	F191		313B	317F	GDIL1	02/01/90	02/28/90	1	1,984
9000071	BR8966	F191		313B	317F	GLLN6	02/01/90	02/28/90	1	1,318
9000071	BR8967	F191		313B	317F	IOSN3	02/01/90	02/28/90	1	1,342
9000071	BR8968	F191		313B	317F	LKWF1	02/01/90	02/28/90	1	2,008
9000071	BR8969	F191		313B	317F	MDRM1	02/01/90	02/28/90	1	1,344
9000071	BR8970	F191		313B	317F	MISM1	02/01/90	02/28/90	1	1,342
9000071	BR8971	F191		313B	317F	MLRF1	02/01/90	02/28/90	1	1,342
9000071	BR8972	F191		313B	317F	MPCL1	02/01/90	02/28/90	1	1,298
9000071	BR8973	F191		313B	317F	NWPO3	02/01/90	02/28/90	1	1,338
9000071	BR8974	F191		313B	317F	PILM4	02/01/90	02/28/90	1	1,342
9000071	BR8975	F191		313B	317F	PTAC1	02/01/90	02/28/90	1	1,336
9000071	BR8976	F191		313B	317F	PTAT2	02/01/90	02/28/90	1	1,912
9000071	BR8977	F191		313B	317F	PTGC1	02/01/90	02/28/90	1	1,336
9000071	BR8978	F191		313B	317F	ROAM4	02/01/90	02/28/90	1	1,106
9000071	BR8979	F191		313B	317F	SAUF1	02/01/90	02/28/90	1	2,007
9000071	BR8980	F191		313B	317F	SBIO1	02/01/90	02/28/90	1	1,220
9000071	BR8981	F191		313B	317F	SGNW3	02/01/90	02/28/90	1	1,342
9000071	BR8982	F191		313B	317F	SISW1	02/01/90	02/28/90	1	1,340
9000071	BR8983	F191		313B	317F	SMKF1	02/01/90	02/28/90	1	1,344
9000071	BR8984	F191		313B	317F	SPGF1	02/01/90	02/28/90	1	2,012
9000071	BR8985	F191		313B	317F	SRST2	02/01/90	02/28/90	1	2,007
9000071	BR8986	F191		313B	317F	STDM4	02/01/90	02/28/90	1	1,342
9000071	BR8987	F191		313B	317F	SVLS1	02/01/90	02/28/90	1	1,344
9000071	BR8988	F191		313B	317F	TPLM2	02/01/90	02/28/90	1	2,012
9000071	BR8989	F191		313B	317F	TTIW1	02/01/90	02/28/90	1	1,338
9000071	BR8990	F191		313B	317F	UJAP2	02/01/90	02/28/90	1	1,340

00071 BR8991 F191	313B 317F VENF1	02/01/90 02/28/90	1 2,000
9000071 BR8992 F191	313B 317F WPOW1	02/01/90 02/28/90	1 1,233

USER NAME <i>Cliff Hartley</i>	PHONE # <i>673-5636</i>	ORG/TASK # <i>EG1200 8N3AH9</i>	DATE SUBMITTED <i>04/06/90</i>	DATE DUE <i>ASAP</i>	BIN # <i>09</i>
-----------------------------------	----------------------------	------------------------------------	-----------------------------------	-------------------------	--------------------

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

04/06/90

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	<i>A01158</i>		<i>9</i>	<i>1600</i>						
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY 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 A01158 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
<i>90040604</i>	<i>4-6-90</i>	<i>14:46</i>	<i>14:55</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

REMARKS

90 00071

90



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

March 26, 1990

F1804-02
DB3:90-0117
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:

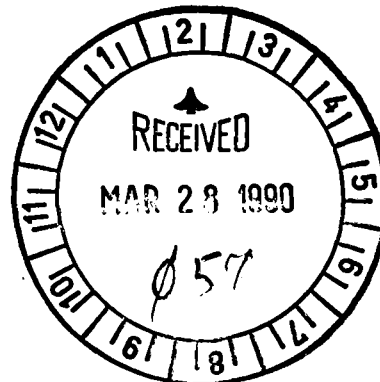
Enclosed are the February 1990, 9TK, 1600 BPI, archive tapes, recorded in the 191 tape format. The enclosure contains a list of stations and the inclusive dates that are on each tape.

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

Sincerely,

Sallie P. Nolan
ADP Manager

Enclosures



Attachment

Tape 1: 32302 02019000-02289023
41001 02019000-02289023
41006 02109021-02289023
41008 02019000-02289023
41009 02019000-02289023
41010 02019000-02289023
42001 02019000-02289023
42002 02019000-02289023
42003 02019000-02289023
42007 02019000-02289023
42015 02019000-02289023
42016 02079005-02289023
42018 02069017-02289023
44004 02019000-02289023
44005 02019000-02289023
44007 02019000-02289023
44008 02019000-02289023 / 17

Tape 2: 44009 02019000-02289023
44011 02019000-02289023
44013 02019000-02289023
46001 02019000-02289023
46002 02019000-02109021
46003 02019000-02289023
46005 02019000-02289023
46006 02019000-02289023
46010 02019000-02289023
46011 02189021-02289023
46012 02019000-02289023
46013 02019000-02289023
46014 02019000-02289023
46022 02019000-02289023
46023 02019000-02039011
46025 02019000-02289023
46026 02019000-02289023
46027 02019000-02289023
46028 02019000-02289023
46030 02019000-02289023
46035 02019000-02289023
46040 02019000-02289023 - 22

Tape 3: 46041 02019000-02289023
46042 02019000-02289023
51001 02019000-02289023
51002 02019000-02289023
51003 02019000-02289023

51004 02019000-02289023
ALS6 02019000-02289023
BURL1 02019000-02289023
BUZM3 02019000-02289023
CARO3 02019000-02289023-10
CHLV2 02019000-02289023
CLKN7 02019000-02289023
CSBF1 02019000-02289023
DBLN6 02019000-02289023
DESW1 02019000-02289023
DISW3 02019000-02289023
DPIA1 02019000-02289023
DSL7 02019000-02289023
ENIP2 02019000-02289023
FARP2 02019000-02289023-20
FBIS1 02019000-02289023
FFIA2 02019000-02289023
FPSN7 02019000-02289023
GBCL1 02019000-02289023
GDIL1 02019000-02289023
GLLN6 02019000-02289023
IOSN3 02019000-02289023
LKWF1 02019000-02289023
MDRM1 02019000-02289023
MISM1 02019000-02289023-30
MLRF1 02019000-02289023
MPCL1 02019000-02289023
NWPO3 02019000-02289023
PILM4 02019000-02289023
PTAC1 02019000-02289023
PTAT2 02019000-02289023
PTGC1 02019000-02289023
ROAM4 02019000-02289023
SAUF1 02019000-02289023
SBIO1 02019000-02289023-40
SGNW3 02019000-02289023
SISW1 02019000-02289023
SMKF1 02019000-02289023
SPGF1 02019000-02289023
SRST2 02019000-02289023
STD4 02019000-02289023
SVLS1 02019000-02289023
TPLM2 02019000-02289023
TTIW1 02019000-02289023
UJAP2 02019000-02289023
VENF1 02019000-02289023
WPOW1 02019000-02289023-52

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Record type "1" (position 10) is Descriptive. The file, platform, location, sampling and originator are described.
 Record type "2" is Environmental Data. File keys are included along with meteorology and wave conditions.
 Record type "3" is Wave Spectra Data.
 Record type "4" is Subsurface Temperature Data.
 Record type "5" is other Subsurface Data.
 Record type "6" is Co and Quad Spectra for Directional Waves.
 Record type "7" is Angular Fourier Coefficients for Directional Waves.
 Record type "8" is Directional Wave Data.
 Record type "9" is Continuous Wind Measurements.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

3. ATTRIBUTES AS EXPRESSED IN PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
 NAME AND PHONE NUMBER _____
 ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>4080</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

RECORD FORMAT DESCRIPTION

RECORD NAME

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

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g. 5th, 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
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	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 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

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		
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"

17. FIELD NAME	18. POSITION FROM-1 MEASURED IN (e.g., Min, bytes)	18. LENGTH		19. ATTRIBUTES	20. USE AND MEANING
		NUMBER	UNITS		
CO AND QUAD SPECTRA FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	13	Always "191"
FILE DATE	4	6	Bytes	312	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	312	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	212	Hours, minutes (GMT)
FREQUENCY	27	4	Bytes	14	Center frequency of interval in Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	15	Spectral resolution of this frequency band in Hz to ten thousandths
CO-SPECTRA C ₁₁	36	6	Bytes	Signed Integers 16	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	12	Where subscripts are defined as follows:
CO-SPECTRA C ₂₂	44	6	Bytes	16	1. Heave
EXPONENT	50	2	Bytes	12	2. E-W Slope
CO-SPECTRA C ₃₃	52	6	Bytes	16	3. N-S Slope
EXPONENT	58	2	Bytes	12	
CO-SPECTRA C ₁₂	60	6	Bytes	16	
EXPONENT	66	2	Bytes	12	
QUAD-SPECTRA Q ₁₂	68	6	Bytes	16	If the exponent is less than -9 the exponent and its associated spectra should be zero
EXPONENT	74	2	Bytes	12	
CO-SPECTRA C ₁₃	76	6	Bytes	16	
EXPONENT	82	2	Bytes	12	
QUAD-SPECTRA Q ₁₃	84	6	Bytes	16	
EXPONENT	90	2	Bytes	12	
CO-SPECTRA C ₂₃	92	6	Bytes	16	
EXPONENT	98	2	Bytes	12	
QUAD-SPECTRA Q ₂₃	100	6	Bytes	16	
EXPONENT	106	2	Bytes	12	
C ₂₂ - C ₃₃	108	6	Bytes	16	
EXPONENT	114	2	Bytes	12	
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	13	Always "191"
FILE DATE	4	6	Bytes	312	Yr.,No.,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	312	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	212	Hour, minutes (GMT)
FREQUENCY	27	4	Bytes	14	Center frequency of interval Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	15	Spectral resolution of this frequency band in Hz to ten thousandths
ANGULAR FOURIER	36	6	Bytes	signed integers 16	Up to 9 corrected 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	12	
ANGULAR FOURIER COEFFICIENT	44	6	Bytes	16	
EXPONENT	50	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	52	6	Bytes	16	
EXPONENT	58	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	60	6	Bytes	16	
EXPONENT	66	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	68	6	Bytes	16	
EXPONENT	74	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	76	6	Bytes	16	
EXPONENT	82	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	84	6	Bytes	16	
EXPONENT	90	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	92	6	Bytes	16	
EXPONENT	98	2	Bytes	12	
ANGULAR FOURIER COEFFICIENT	100	6	Bytes	16	
EXPONENT	106	2	Bytes	12	
MEAN WAVE DIRECTION	108	3	Bytes	13	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. $C11S(M*W/HZ) = (C22+C33)/(K*K)$ 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 <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>CONTINUOUS WIND MEASUREMENT (Cont'd)</u>					
<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
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9000071	F291	BR8911	9999	313B	317F	1990/02/01	42007	190698
9000071	F291	BR8912	9999	313B	317F	1990/02/01	42015	190699
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9000071	F291	BR8914	9999	313B	317F	1990/02/06	42018	190701
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9000071	F291	BR8916	9999	313B	317F	1990/02/01	44005	190703
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9000071	F291	BR8962	9999	313B	317F	1990/02/01	FFIA2	190749
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(91 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
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(91 rows affected)