

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100096	BS0298	F191		313B	317F	32302	04/01/91	04/30/91	1	7,070
9100096	BS0299	F191		313B	317F	41001	04/28/91	04/30/91	1	594
9100096	BS0300	F191		313B	317F	41002	04/01/91	04/30/91	1	8,606
9100096	BS0301	F191		313B	317F	41008	04/01/91	04/30/91	1	43,562
9100096	BS0302	F191		313B	317F	41009	04/01/91	04/30/91	1	14,314
9100096	BS0303	F191		313B	317F	41010	04/01/91	04/30/91	1	14,316
9100096	BS0304	F191		313B	317F	42001	04/01/91	04/30/91	1	7,869
9100096	BS0305	F191		313B	317F	42002	04/01/91	04/30/91	1	6,811
9100096	BS0306	F191		313B	317F	42003	04/01/91	04/30/91	1	7,334
9100096	BS0307	F191		313B	317F	42007	04/01/91	04/30/91	1	2,065
9100096	BS0308	F191		313B	317F	42019	04/01/91	04/30/91	1	7,182
9100096	BS0309	F191		313B	317F	42020	04/01/91	04/30/91	1	7,192
9100096	BS0310	F191		313B	317F	44001	04/01/91	04/06/91	1	7,932
9100096	BS0311	F191		313B	317F	44004	04/01/91	04/30/91	1	7,791
9100096	BS0312	F191		313B	317F	44005	04/01/91	04/30/91	1	7,828
9100096	BS0313	F191		313B	317F	44007	04/01/91	04/30/91	1	7,166
9100096	BS0314	F191		313B	317F	44008	04/01/91	04/30/91	1	7,860
9100096	BS0315	F191		313B	317F	44009	04/01/91	04/30/91	1	7,164
9100096	BS0316	F191		313B	317F	44011	04/01/91	04/30/91	1	7,882
9100096	BS0317	F191		313B	317F	44012	04/01/91	04/30/91	1	7,118
9100096	BS0318	F191		313B	317F	44013	04/01/91	04/30/91	1	7,140
9100096	BS0319	F191		313B	317F	44014	04/01/91	04/30/91	1	43,202
9100096	BS0320	F191		313B	317F	44015	04/01/91	04/04/91	1	5,193
9100096	BS0321	F191		313B	317F	44023	04/01/91	04/06/91	1	7,381
9100096	BS0322	F191		313B	317F	44025	04/29/91	04/30/91	1	1,527
9100096	BS0323	F191		313B	317F	45002	04/01/91	04/30/91	1	8,588
9100096	BS0324	F191		313B	317F	45003	04/24/91	04/30/91	1	1,654
9100096	BS0325	F191		313B	317F	45004	04/01/91	04/30/91	1	8,500
9100096	BS0326	F191		313B	317F	45005	04/03/91	04/30/91	1	40,044
9100096	BS0327	F191		313B	317F	45006	04/16/91	04/30/91	1	4,286
9100096	BS0328	F191		313B	317F	45007	04/01/91	04/30/91	1	1,438
9100096	BS0329	F191		313B	317F	45008	04/23/91	04/30/91	1	2,148
9100096	BS0330	F191		313B	317F	46001	04/24/91	04/30/91	1	1,837
9100096	BS0331	F191		313B	317F	46002	04/01/91	04/30/91	1	7,893
9100096	BS0332	F191		313B	317F	46003	04/01/91	04/30/91	1	7,912
9100096	BS0333	F191		313B	317F	46005	04/01/91	04/30/91	1	7,904
9100096	BS0334	F191		313B	317F	46010	04/01/91	04/13/91	1	3,062
9100096	BS0335	F191		313B	317F	46011	04/01/91	04/30/91	1	8,587
9100096	BS0336	F191		313B	317F	46012	04/01/91	04/08/91	1	2,138
9100096	BS0337	F191		313B	317F	46013	04/01/91	04/30/91	1	8,580
9100096	BS0338	F191		313B	317F	46014	04/01/91	04/30/91	1	8,616
9100096	BS0339	F191		313B	317F	46022	04/01/91	04/30/91	1	7,112
9100096	BS0340	F191		313B	317F	46023	04/01/91	04/30/91	1	8,578
9100096	BS0341	F191		313B	317F	46025	04/01/91	04/30/91	1	42,203
9100096	BS0342	F191		313B	317F	46026	04/01/91	04/30/91	1	7,170
9100096	BS0343	F191		313B	317F	46027	04/01/91	04/30/91	1	7,100
9100096	BS0344	F191		313B	317F	46028	04/01/91	04/30/91	1	8,616
9100096	BS0345	F191		313B	317F	46030	04/01/91	04/30/91	1	5,978
9100096	BS0346	F191		313B	317F	46035	04/01/91	04/30/91	1	7,872
9100096	BS0347	F191		313B	317F	46040	04/01/91	04/30/91	1	7,062

9100096	BS0348	F191	313B	317F	46041	04/01/91	04/30/91	1	7,174
9100096	BS0349	F191	313B	317F	46042	04/01/91	04/30/91	1	43,324
9100096	BS0350	F191	313B	317F	46045	04/01/91	04/30/91	1	43,562
9100096	BS0351	F191	313B	317F	51001	04/01/91	04/30/91	1	8,588
9100096	BS0352	F191	313B	317F	51002	04/01/91	04/30/91	1	8,474
9100096	BS0353	F191	313B	317F	51003	04/05/91	04/30/91	1	7,128
9100096	BS0354	F191	313B	317F	51004	04/01/91	04/30/91	1	8,523
9100096	BS0355	F191	313B	317F	ALSN6	04/01/91	04/30/91	1	5,504
9100096	BS0356	F191	313B	317F	BURL1	04/01/91	04/30/91	1	2,155
9100096	BS0357	F191	313B	317F	BUZM3	04/01/91	04/30/91	1	1,432
9100096	BS0358	F191	313B	317F	CARO3	04/01/91	04/30/91	1	1,440
9100096	BS0359	F191	313B	317F	CHLV2	04/01/91	04/30/91	1	7,700
9100096	BS0360	F191	313B	317F	CLKN7	04/01/91	04/30/91	1	2,139
9100096	BS0361	F191	313B	317F	CSBF1	04/01/91	04/30/91	1	1,863
9100096	BS0362	F191	313B	317F	DBLN6	04/01/91	04/30/91	1	1,440
9100096	BS0363	F191	313B	317F	DESW1	04/01/91	04/30/91	1	1,440
9100096	BS0364	F191	313B	317F	DISW3	04/01/91	04/30/91	1	1,428
9100096	BS0365	F191	313B	317F	DPIA1	04/01/91	04/30/91	1	1,432
9100096	BS0366	F191	313B	317F	DSLN7	04/01/91	04/30/91	1	7,383
9100096	BS0367	F191	313B	317F	ENIP2	04/01/91	04/30/91	1	1,412
9100096	BS0368	F191	313B	317F	FBIS1	04/01/91	04/30/91	1	1,436
9100096	BS0369	F191	313B	317F	FFIA2	04/01/91	04/30/91	1	1,438
9100096	BS0370	F191	313B	317F	FPSN7	04/01/91	04/30/91	1	2,150
9100096	BS0371	F191	313B	317F	GBCL1	04/01/91	04/30/91	1	7,543
9100096	BS0372	F191	313B	317F	GDIL1	04/01/91	04/30/91	1	2,157
9100096	BS0373	F191	313B	317F	GLLN6	04/01/91	04/30/91	1	1,440
9100096	BS0374	F191	313B	317F	IOSN3	04/01/91	04/30/91	1	1,390
9100096	BS0375	F191	313B	317F	KOSP2	04/01/91	04/07/91	1	334
9100096	BS0376	F191	313B	317F	LKWF1	04/01/91	04/30/91	1	2,150
9100096	BS0377	F191	313B	317F	MDRM1	04/01/91	04/30/91	1	1,434
9100096	BS0378	F191	313B	317F	MISM1	04/01/91	04/30/91	1	1,348
9100096	BS0379	F191	313B	317F	MLIP2	04/01/91	04/30/91	1	1,432
9100096	BS0380	F191	313B	317F	MLRF1	04/01/91	04/30/91	1	1,432
9100096	BS0381	F191	313B	317F	MPCL1	04/01/91	04/30/91	1	7,322
9100096	BS0382	F191	313B	317F	NWPO3	04/01/91	04/30/91	1	1,440
9100096	BS0383	F191	313B	317F	PAGP2	04/01/91	04/30/91	1	1,136
9100096	BS0384	F191	313B	317F	PILM4	04/01/91	04/30/91	1	1,440
9100096	BS0385	F191	313B	317F	PTAC1	04/01/91	04/30/91	1	1,440
9100096	BS0386	F191	313B	317F	PTAT2	04/01/91	04/30/91	1	2,159
9100096	BS0387	F191	313B	317F	PTGC1	04/01/91	04/30/91	1	1,438
9100096	BS0388	F191	313B	317F	ROAM4	04/01/91	04/30/91	1	1,378
9100096	BS0389	F191	313B	317F	SANF1	04/01/91	04/30/91	1	2,149
9100096	BS0390	F191	313B	317F	SAUF1	04/01/91	04/30/91	1	2,147
9100096	BS0391	F191	313B	317F	SBIO1	04/01/91	04/30/91	1	1,440
9100096	BS0392	F191	313B	317F	SGNW3	04/01/91	04/30/91	1	1,432
9100096	BS0393	F191	313B	317F	SISW1	04/01/91	04/30/91	1	1,438
9100096	BS0394	F191	313B	317F	SMKF1	04/01/91	04/30/91	1	1,422
9100096	BS0395	F191	313B	317F	SPGF1	04/01/91	04/30/91	1	2,146
9100096	BS0396	F191	313B	317F	SRST2	04/01/91	04/30/91	1	2,156
9100096	BS0397	F191	313B	317F	STDM4	04/01/91	04/30/91	1	1,434
9100096	BS0398	F191	313B	317F	SVLS1	04/01/91	04/30/91	1	7,054
9100096	BS0399	F191	313B	317F	TPLM2	04/01/91	04/30/91	1	2,149
9100096	BS0400	F191	313B	317F	TTIW1	04/01/91	04/30/91	1	1,440
9100096	BS0401	F191	313B	317F	UJAP2	04/01/91	04/30/91	1	1,436
9100096	BS0402	F191	313B	317F	VENF1	04/01/91	04/30/91	1	2,152

100096 BS0403 F191 313B 317F WPOW1 04/01/91 04/30/91 1 1,458

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ACCESSION NO. 9100096

FILETYPE F191

B50298-314
TRACK NO.

PROJECT IDENTIFICATION _____

APRIL 1991

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6-5-91	C.M.H.	A01427 *	1	120	4080	165,512
DUPLICATE TAPE	9-5-91	FJM	W03065**	1	120	4800	165,492
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.)

D1918

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 9100096

FILETYPE F191

TRACK NO. _____

PROJECT IDENTIFICATION _____

B50315-335

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6-5-91	C.M.H.	A01428 *	1	120	4080	199468
DUPLICATE TAPE	9-12-91	FJM	W03117 **	1	120	4800	190460
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.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 9100096

FILETYPE F191

TRACK NO. BSQ336-354

PROJECT IDENTIFICATION _____

APRIL 1991

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6-5-91	C.M.H.	A01429 *	1	120	4080	247,824
DUPLICATE TAPE	9-19-91	F.J.M.	W10181 **	1	120	4800	247,798
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

~~ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:~~

* NL, 1600 B.P. I.
 ** NL, 6250 B.P. I.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

ACCESSION NO. 9100096

FILETYPE F191

TRACK NO. BS0355-403 PROJECT IDENTIFICATION _____

APRIL 1991

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6-5-91	C.M.H.	A 01430 *	1	120	4080	11,656
DUPLICATE TAPE	9-30-91	F>M	W 13362 **	1	120	4800	11,658
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: * NL, 1600 B.P.U.
 ** NL, 6250 B.P.I.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

9100096

FILETYPE F191

TRACK NO. _____

PROJECT IDENTIFICATION _____

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
	06/05/91	CMT	A01427	1	120	4080	165,512
TAPE	↓	↓	A01428	1	120	4080	190,468
TAPE	↓	↓	A01429	1	120	4080	247,826
DISK	↓	↓	A01430	1	120	4080	111,656
REK							
REK							
002							
UNALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR: All tapes are 9TRK, NL, 160bpi, Ascii

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

User Name <i>Cliff Hadley</i>	Phone # <i>673-5436</i>	Org/Task <i>EG12008A3449</i>	Submit Date <i>06/03/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

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

Request/Problem Description:

Please scan tape A01427

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 A01427 to Bin 09

JOB INPUT

Id#/Filename: *A01427*

Medium: Tape Disk Diskette Other Specify:

Code: ASCII EBCDIC Binary Other Specify:

Tape Specs: 800 1600 6250 NL SL

MAX Record Length: _____ MAX Blocksize: _____

JOB OUTPUT

Id#/Filename: _____

Medium: Tape Disk Diskette Other Specify:

Code: ASCII EBCDIC Binary Other Specify:

Tape Specs: 800 1600 6250 NL SL

MAX Record Length: _____ MAX Blocksize: _____

(OC3 Use Only) *91060403*

JOB Number: _____

Completed By: *[Signature]*

Date/Time Start: *6-5-91/07:30*

Date/Time Completed: *6-5-91/07:35*

User Name <i>Cliff Hardley</i>	Phone # <i>673-5636</i>	Org/Task <i>EG12-008A3A49</i>	Submit Date <i>06/03/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

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

Request/Problem Description:

Please scan tape AΦ1428

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 AΦ1428 to Bin 09

JOB INPUT

Id#/Filename: *AΦ1428*

MEDIUM: Tape Disk Diskette Other Specify:
 Code: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 500 800 1600 6250 NL SL
 MAX Record Length: _____ MAX Blocksize: _____

JOB OUTPUT

Id#/Filename: _____

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

(CC3 Use Only)

JOB Number: *91060404*

Completed By: *J.S.*

Date/Time Start: *6-5-91/07:40*

Date/Time Completed: *6-5-91/07:45*

User Name <i>Cliff Harding</i>	Phone # <i>673-5436</i>	Org/Task <i>EG-12-008AEMH-9</i>	Submit Date <i>06/03/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

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

Request/Problem Description:

Please scan tape AΦ1429

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 AΦ1429 to Bin 09

JOB INPUT

Id#/Filename: *AΦ1429*

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

JOB OUTPUT

Id#/Filename: _____

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

(IOC3 Use Only) *010604-05*
 JOB Number: _____
 Completed By: *Q.S.*

Date/Time Start: *6-5-91/07:50*
 Date/Time Completed: *6-5-91/07:55*



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

May 28, 1991

F1804-02
 DB3:91-0273
 SPN:idm

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

Dear Mr. Picciolo:

Enclosed are the April 1991, 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

Enclosures



Acc # 9100096

AΦ 1427
 AΦ 1428
 AΦ 1429
 AΦ 1430



Attachment

Tape 1: 32302 04019100-04309123
41001 04289118-04309123
41002 04019100-04309123
41008 04019100-04309123
41009 04019100-04309123
41010 04019100-04309123
42001 04019100-04309123
42002 04019100-04309123
42003 04019100-04309123
42007 04019100-04309123
42019 04019100-04309123
42020 04019100-04309123
44001 04019100-04069110
44004 04019100-04309123
44005 04019100-04309123
44007 04019100-04309123
44008 04019100-04309123

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Tape 2: 44009 04019100-04309123
44011 04019100-04309123
44012 04019100-04309123
44013 04019100-04309123
44014 04019100-04309123
44015 04019100-04049117
44023 04019100-04069100
44025 04299121-04309123
45002 04019100-04309123
45003 04249100-04309123
45004 04019100-04309123
45005 04039100-04309123
45006 04169100-04309123
45007 04019100-04309123
45008 04239113-04309123
46001 04249100-04309123
46002 04019100-04309123
46003 04019100-04309123
46005 04019100-04309123
46010 04019100-04139118
46011 04019100-04309123

21

Tape 3 46012 04019100-04089110
46013 04019100-04309123
46014 04019100-04309123
46022 04019100-04309123
46023 04019100-04309123
46025 04019100-04309123
46026 04019100-04309123
46027 04019100-04309123

8



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46028 04019100-04309123
46030 04019100-04309123
46035 04019100-04309123
46040 04019100-04309123
46041 04019100-04309123
46042 04019100-04309123
46045 04019100-04309123
51001 04019100-04309123
51002 04019100-04309123
51003 04059118-04309123
51004 04019100-04309123

//

Tape 4 ALSN6 04019100-04309123
BURL1 04019100-04309123
BUZM3 04019100-04309123
CARO3 04019100-04309123
CHLV2 04019100-04309123
CLKN7 04019100-04309123
CSBF1 04019100-04309123
DBLN6 04019100-04309123
DESW1 04019100-04309123
DISW3 04019100-04309123
DPIA1 04019100-04309123
DSLN7 04019100-04309123
ENIP2 04019100-04309123
FBIS1 04019100-04309123
FFIA2 04019100-04309123
FPSN7 04019100-04309123
GBCL1 04019100-04309123
GDIL1 04019100-04309123
GLLN6 04019100-04309123
IOSN3 04019100-04309123
KOSP2 04019100-04079122
LKWF1 04019100-04309123
MDRM1 04019100-04309123
MISM1 04019100-04309123
MLIP2 04019100-04309123
MLRF1 04019100-04309123
MPCL1 04019100-04309123
NWPO3 04019100-04309123
PAGP2 04019100-04309123
PILM4 04019100-04309123
PTAC1 04019100-04309123
PTAT2 04019100-04309123
PTGC1 04019100-04309123
ROAM4 04019100-04309123
SANF1 04019100-04309123
SAUF1 04019100-04309123
SBIO1 04019100-04309123
SGNW3 04019100-04309123
SISW1 04019100-04309123
SMKF1 04019100-04309123
SPGF1 04019100-04309123
SRST2 04019100-04309123

42

53

STDM4 04019100-04309123
SVLS1 04019100-04309123
TPLM2 04019100-04309123
TTIW1 04019100-04309123
UJAP2 04019100-04309123
VENF1 04019100-04309123
WPOW1 04019100-04309123

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> </p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 536 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, 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	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	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		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 Number of frequencies on this record Up to 5 Frequency, Resolution, Density fields. Null fields blank Center frequency of interval in Hertz to thousandths Resolution of interval in Hertz to ten-thousandths Spectral Density of interval in m ² /Hz to thousandths Fill the fixed length record
COUNT	34	1	Byte	I1	
DATA	35	70	Bytes	5(2I4,I6)	
Frequency	35,49,63 77,91	4	Bytes	I4	
Resolution	39,53,67 81,95	4	Bytes	I4	
Density	43,57,71 85,99	6	Bytes	I6	
BLANKS	105	16	Bytes	16X	
SUBSURFACE TEMPERATURE DATA RECORD					
FILE TYPE	1	3	Bytes	A3	"191" (constant) Yr.,Mo.,Day of file generation "4" (Subsurface Temperature Data Record) Unique name of observation point Year, Month, Day (GMT) Hours, Minutes (GMT) Up to 10 Depth and temperature fields Obs. level, meters to tenths Degrees Celsius to hundredths (include Sea Surface temperature) Fill the fixed length record
FILE DATE	4	6	Bytes	3I2	
RECORD TYPE	10	1	Byte	A1	
STATION	11	6	Bytes	A6	
OBSERVED DATE	17	6	Bytes	3I2	
OBSERVED TIME	23	4	Bytes	2I2	
DATA	27	90	Bytes	10(I5,I4)	
Depth	27,36,45 54,63,72 81,90,99 108	5	Bytes	I5	
Temperature	32,41,50 59,68,77 86,95,104 113	4	Bytes	I4	
BLANKS	117	4	Bytes	4X	
SUBSURFACE DATA RECORD					
FILE TYPE	1	3	Bytes	A3	"191" (constant) Yr.,Mo.,Day of file generation "5" (Subsurface Data Record) Unique name of observation point Year, Month, Day (GMT) Hours, Minutes (GMT)
FILE DATE	4	6	Bytes	3I2	
RECORD TYPE	10	1	Byte	A1	
STATION	11	6	Bytes	A6	
OBSERVED DATE	17	6	Bytes	3I2	
OBSERVED TIME	23	4	Bytes	2I2	

RECORD NAME **File Type "191"**

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <small>(e.g., 10m, 0.5m)</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., 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	If the exponent is less than -9 the exponent and its associated spectra should be zero
QUAD-SPECTRA Q ₁₂	68	6	Bytes	I6	
EXPONENT	74	2	Bytes	I2	
CO-SPECTRA C ₁₃	76	6	Bytes	I6	
EXPONENT	82	2	Bytes	I2	
QUAD-SPECTRA Q ₁₃	84	6	Bytes	I6	
EXPONENT	90	2	Bytes	I2	
CO-SPECTRA C ₂₃	92	6	Bytes	I6	
EXPONENT	98	2	Bytes	I2	
QUAD-SPECTRA Q ₂₃	100	6	Bytes	I6	
EXPONENT	106	2	Bytes	I2	
C ₂₂ - C ₃₃	108	6	Bytes	I6	
EXPONENT	114	2	Bytes	I2	
BLANKS	116	5	Bytes	5x	

RECORD FORMAT DESCRIPTION

File Type "191"

RECORD NAME

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
ANGULAR COEFFICIENTS FOR DIRECTIONAL WAVES					
FILE TYPE	1	3	Bytes	I3	Always "191"
FILE DATE	4	6	Bytes	3I2	Yr., Mo., Day of file generation
RECORD TYPE	10	1	Byte	A1	Always "7"
STATION NUMBER	11	6	Bytes	A6	same as "1"
OBSERVED DATE	17	6	Bytes	3I2	Year, month, day (GMT)
OBSERVED TIME	23	4	Bytes	2I2	Hour, minutes (GMT)
FREQUENCY	27	4	Bytes	I4	Center frequency of interval Hz to .001
SPECTRAL RESOLUTION	31	5	Bytes	I5	Spectral resolution of this frequency band in Hz to ten thousandths
ANGULAR FOURIER	36	6	Bytes	signed integers I6	Up to 9 <u>corrected</u> values of the angular 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 <small>(e.g., Min, byte)</small>	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		
CONTINUOUS WIND MEASUREMENT (Cont'd)					
<p>1 Expansion Parameter.</p> <p>2 Ten minute average winds are measured for minutes 0-9, 10-19, 20-29, 30-39, 40-49, and 50-59. The first set is for the ten minute period ending immediately before the End of Acquisition time. The remaining sets go back in time.</p> <p>For example, if End of Acquisition is 10:25, then the First Average will be for the time period 10:10 to 10:19, and the Second Average will be for the period 10:00 to 10:09. If End of Acquisition is 10:30, then the First Average will be for the time period 10:20 to 10:29.</p>					

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9100096	F291	BS0373	9999	313B	317F	1991/04/01	GLLN6	198580
9100096	F291	BS0374	9999	313B	317F	1991/04/01	IOSN3	198581
9100096	F291	BS0375	9999	313B	317F	1991/04/01	KOSP2	198582
9100096	F291	BS0376	9999	313B	317F	1991/04/01	LKWF1	198583
9100096	F291	BS0377	9999	313B	317F	1991/04/01	MDRM1	198584
9100096	F291	BS0378	9999	313B	317F	1991/04/01	MISM1	198585
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