104935

Q-MIPS LOG

SHIP AND CRUISE: BLWS 95004 9500T (BELLOWS)

AREA: west florida

DATES: 5-2-95 to 5-8-95

CHIEF SCIENTIST: DAVE TWICHELL

QMIPS LOG: Cruise BLWS 95-01 Chief Sci Twichell

Line #	122 ~~30~~ TAPE	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
—	1			
—				
—			Z:TST1.DAT	TEST & TUNE
—		1832	Z:TST2.DAT	
		1833	Z:TST3.DAT	SOF
1	2	184040	Z:l1F1.dat	SO LINE 1
1	2	191310	y:l1F1.dat	EOF
1	2	191300	y:l1F2.dat	SOF
1	2	193840	y:l1F2.dat	EOF
1	2	—	y:l1F3.dat	TROUBLE WITH CHANGING FILES → Y
1	2	—	y:l1F4.dat	
1	2	194120	y:L1F5.dat	SEEMS TO BE WORKING SOF
1	2	201006	y:L1F5.dat	EOF
1	2	201021	y:L1F6.dat	SOF (BREAK ON PRINT OUT NOT FOUND)
1	2	204233	y:L1F6.dat	EOF
1	2	204251	y:L1F7.dat	SOF
1	2	205757	y:L1F7.dat	EOF
2	2	205821	y:L2F1.dat	SOF START LINE #2
2	2	213020	y:L2F1.dat	EOF
2	2	213033	y:L2F2.dat	SOF
2	2	220246	y:L2F2.dat	EOF
2	2	220250	y:L2F3.dat	SOF
2	2	2230:49	y:L2F3.dat	EOF end of line
3	2	22:30:54	y:L3F1.dat	SOF start line #3
			y:	had to restart
3	2	2234:20	y:L3F3.dat	SOF start line #3
3	2	2306	y:L3F3.dat	EOF
3	2	2306	y:L3F4.dat	SOF
3	2	2339	y:L3F4.dat	EOF
3	2	2339	y:L3F5.dat	SOF

QMIPS LOG: Cruise Blue 95-A Chief Sci DAVE TWICHELL

Line #	JD 123	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
3	2	00 12	y:L3F5.dat	EOF
4	2	0012	y:L4f1.dat	SOF start line 4
4	2	0043	y:L4f1.dat	EOF
4	2	0044	y:L4f2.dat	SOF
4	2	0116	y:L4f2.dat	EOF
4	2	0117	y:L4f3dat	SOF
4	2	0139	y:L4f3.dat	EOF
4	2	0139	y:L4f4.dat	SOF
4	2	0142	y:L4f4.dat	EOF
5	2	0142	y:L5f1.dat	SOF Start of line 5
5	2	0216	y:L5f1.dat	EOF
5	2	0216	y:L5f2.dat	SOF
		0233-0239		stop for crab pot
		0246		lowering fish
5	2	0247	y:L5f2.dat	EOF
5	2	0247	y:L5f3.dat	SOF lowering fish
5	2	0319	y:L5f3.dat	EOF
5	2	0319	y:L5f4.dat	SOF
		0319-0324		stop for crabpot
5	2	0326	y:L5f4.dat	EOF
6	3	0326	z:L6f1.dat	SOF start of Line #6
6	3	040007	z:L6F1.dAT	EOF
6	3	040021	z:L6F2.dAT	SOF
6	3	043232	z:L6F2.dAT	EOF RAISING FISH
6	3	043241	z:L6F3.dAT	SOF
6	3	045000	z:L6F3.dAT	SLOW DOWN - HIT CRAB TRAP
6	3	045500	z:L6F3.dAT	EOF (INCLUDES TURN)
7	3	045510	z:L7F1.dAT	SOF START LINE #7
7	3	052718	z:L7F1.dAT	EOF
7	3	052730	z:L7F2.dAT	SOF

QMIPS LOG: Cruise BLUE 95-01 Chief Sci DAVE TWICHELL

Line #	JD 123	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
7	3	055943	Z:L7F2.dAT	EOF LOWER FISH ~05:59:00
7	3	055955	Z:L7F3.dAT	SOF
7	3	062600	Z:L7F3.dAT	EOF (INCLUDES TURN)
8	3	062611	Z:L8F1.dAT	SOF START LINE #8
8	3	065802	Z:L8F1.dAT	EOF
8	3	065811	Z:L8F2.dAT	SOF
8	3	070200	Z:L8F2.dAT	STOP FOR CRAB POT ON SIDE MT.
8	3	070655	Z:L8F2.dAT	START MOVING AGAIN
8	3	070930	Z:L8F2.dAT	CRAB POT ENCOUNTERED
8	3	071000	Z:L8F2.dAT	STOP TO REMOVE CRAB POT
8	3	071220	Z:L8F2.dAT	START MOVING AGAIN
8	3	073027	Z:L8F2.dAT	EOF
8	3	073040	Z:L8F3.dAT	SOF
8	3	075716	Z:L8F3.dAT	EOF (INCLUDES TURN)
9	3	075730	Z:L9F1.dAT	SOF START LINE #9
9	3	082942	Z:L9F1.dAT	EOF
9	3	082951	Z:L9F2.dat	SOF
9	3	090207	Z:L9F2.dat	EOF
9	3	090220	Z:L9F3.dat	SOF
9	3	092400	Z:L9F3.dat	CAUGHT A POT
9	3	092430	Z:L9F3.dat	STOP BOAT TO REMOVE POT
9	3	092700	Z:L9F3.dat	START MOVING AGAIN.
9	3	093432	Z:L9F3.dAT	EOF
10	3	093440	Z:L10F1.dAT	SOF (INCLUDES TURN)
10	3	100657	Z:L10F1.dAT	EOF
10	3	100710	Z:L10F2.dAT	SOF
		103920	Z:L10F2.DAT	EOF
		1039 -	Z:L10F3.DAT	SOF
		1057		pulled fish in a bit
10	3	1103	Z:L10F3.DaT	EOF

QMIPS LOG: Cruise NOBLS 95-01 Chief Sci DAVE TWICHELL

Line #	JD 123	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
11	3	1104	z:L11F1.dat	SOF start of Line 11
11	3	1136	z:L11F1.dat	EOF
11	3	1136	z:L11F2.dat	SOF
		1207		lowering fish
11	3	1208	z:L11F2.dat	EOF
11	3	1208	z:L11F3.dat	SOF
11	3	1236	z:L11F3.dat	EOF
12	3	1236	z:L12F1.dat	SOF start Line 12
12	3	1310	z:L12F1.dat	EOF
12	3	1310	z:L12F2.dat	SOF
12	3	1341	z:L12F2.dat	EOF
12	3	1341	z:L12F3.dat	SOF
		1409+		raising fish 412 turning + raising fish
12	3	1413	z:L12F4.dat	EOF
13	3	1413	z:L13F1.dat	SOF start Line 13
		1426		dropped fish
				EOF
				SOF
		1444		stoped for crab pot on side scan
		1445		started again
13	3	1446	z:L13F1.dat	EOF
13	3	1446	z:L13F2.dat	SOF
		1500		stopped for crab pot on fish
		1501		start again
13	3	1518	z:L13F2.dat	EOF
13	3	1518	z:L13F3.dat	SOF
13	3	1551	z:L13F3.dat	EOF
14	4	1551	y:L14F1.dat	SOF start line #14
14	4	162358	y:L14F1.dat	EOF
14	4	162411	y:L14F2.dat	SOF

QMIPS LOG: Cruise BLWS 95-01 Chief Sci DAVE Twitchell

Line #	JD 123	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
14	4	165630	y:L14F2.dAT	EOF
14	4	165643	y:L14F3.dAT	SOF
14	4	172852	y:L14F3.dAT	EOF
14	4	172902	y:L14F4.dAT	SOF (TURN)
14	4	173108	y:L14F4.dAT	EOF
15	4	173119	y:L15F1.dAT	SOF START LINE 15
15	4	180334	y:L15F1.dAT	EOF
15	4	180341	y:L15F2.dAT	SOF
15	4	183558	y:L15F2.dAT	EOF
15	4	183611	y:L15F3.dAT	SOF
15	4	190824	y:L15F3.dAT	EOF
15	4	190840	y:L15F4.dAT	SOF
15	4	191804	y:L15F4.dAT	EOF
16	4	191820	y:L16F1.dAT	SOF START LINE 16
16	4	195019	y:L16F1.dAT	EOF
16	4	195029	y:L16F2.dAT	SOF
16	4	200000	y:L16F2.dat	STOP - CRAB POTS STUCK ON 3.5
16	4	200400	y:L16F2.dat	RESTART - BACK ON COURSE
16	4	202244	y:L16F2.dat	EOF
16	4	202251	y:L16F3.dat	SOF
16	4	205500	y:L16F3.dat	EOF
16	4	205511	y:L16F4.dAT	SOF
16	4	205742	y:L16F4.dat	EOF
17	4	205751	y:L17F1.dat	SOF START LINE #17
17	4	213007	y:L17F1.dat	EOF
17	4	213020	y:L17F2.dAT	SOF
17	4	220232	y:L17F2.dAT	EOF
17	4	220245	y:L17F3.dAT	SOF
17	4	2229	y:L17F3.Dat	EOF
17	4	2229	y:L17F3.dAT	SOF

QMIPS LOG: Cruise BLWS 95-01 Chief Sci Dave Twitchell

Line #	JD 123/124	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
17	4	2232	y:L17F5.dat	EOF
17	4	2232	y:L17F6.dat	SOF
17	4	2249	y:L17F6.dat	EOF
18	4	2249	y:L18F1.dat	SOF start line 18
18	4	2251	y:L18F1.dat	EOF
18	4	2251	y:L18F2.dat	SOF
18	4	2302	y:L18F2.dat	EOF
18	4	2302	y:L18F3.dat	SOF
18	4	2355	y:L18F3.dat	EOF
18	4	2355	y:L18F4.dat	SOF
		0026		pulling up fish
18	4	0027	y:L18F4.dat	EOF
18	4	0027	y:L18F5.dat	SOF
18	4	0036	y:L18F5.dat	EOF
19	4	0038	y:L19F1.dat	SOF start line 19
		0046		raised + lowered fish
19	4	0110	y:L19F1.dat	EOF
19	4	0110	y:L19F2.dat	SOF
		0113		pulled up fish
		0140		lowered fish
19	4	0143	y:L19F2.dat	EOF
19	4	0143	y:L19F3.dat	SOF
19	4	0216	y:L19F3.dat	EOF
19	4	0216	y:L19F4.dat	SOF
19	4	0243	y:L19F4.dat	EOF
20	4	0243	y:L20F1.dat	SOF
		0315	y:L20F2.dat	SOF
20	4	0348	y:L20F2.dat	EOF
20	4	0348	y:L20F3.dat	SOF
20	4	642104	y:L20F3.dat	EOF

QMIPS LOG: Cruise BLWS 95-01 Chief Sci DAVE TWICHELL

Line #	JD 124	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
20	4	042112	y:L20F4.DAT	SOF
20	4	043229	y:L20 F4.DAT	EOF INCLUDES TURN
21	4	043240	y:L21 F1.DAT	SOF START OF LINE #21
21	4	050450	y:L21F1.DAT	EOF
21	4	050500	y:L21F2.DAT	SOF
21	4	053716	y:L21F2.DAT	EOF
21	4	053730	y:L21 F3.DAT	SOF
21	4	060941	y:L21 F3.DAT	EOF
21	4	060951	y:L21F4.DAT	SOF
21	4	062750	y:L21F4.DAT	EOF INCLUDES TURN
22	4	062800	y:L22 F1.DAT	SOF START LINE#22
22	4	065954	y:L22F1.DAT	EOF
22	4	070010	y:L22 F2.DAT	SOF
22	4	073219	y:L22F2.DAT	EOF
22	4	073231	y:L22F3.DAT	SOF
22	4	080445	y:L22F3.DAT	EOF
22	4	080400	y:L22 F4.DAT	SOF
22	4	081907	y:L22 F4.DAT	EOF INCLUDES TURN
23	4	081930	y:L23 F1.DAT	SOF START LINE #23
23	4	085138	y:L23F1.DAT	EOF
23	4	085150	y:L23 F2.DAT	SOF
23	4	091500	y:L23F2.DAT	CRAB POTS ON 3.5 AND FISH->BOATSTOP
23	4	091800	y:L23F2.DAT	CRAB POTS REMOVED->START AGAIN
23	4	092403	y:L23F2.DAT	EOF
23	4	092411	y:L23F3.DAT	SOF
23	4	09:38	y:L23F3.DAT	HARDCOPY OFF->CHANGE PAPER ROLL
23	4	09:39	y:L23 F3.DAT	HARDCOPY TURNED BACK ON
23	4	095628	y:L23 F3.DAT	EOF
23	4	095640	y:L23 F4.DAT	SOF
23	4	1014	y:L23F4.dat	EOF

JD 124

QMIPS LOG: Cruise BLWS 95-01 Chief Sci DAVE TWICHELL

Line #	QMIPS 124 ~~NAV~~	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
24	5	1014	2:L24F1.dat	SOF start line 24
		1047	L24F2.DAT	SOF L24F2 SOF
		1120	L24F3.DAT	SOF
		1152	L24F4.DAT	SOF
24	5	1211	L24F4dat	EOF
25	5	1213	L25F1.dat	SOF
↓	↓	1246	L25F2.DAT	SOF
		1319	L25F3.dat	SOF
↓	↓	1351	L25F4.dat	SOF
26	5	1404	L26F1.dat	SOF start line 26
↓		1408-1410		hooked crab pot
		1436	L26F2.dat	SOF
		1508	L26F3.dat	SOF
		1541	L26F4.dat	SOF
↓		1556	L27F1.dat	SOF *NOTE: END OF LINE 26
27		1605	L27F2.dat	SOF start of line 27
	~~5/6~~	~~1611~~		~~START NAV DISC 6~~ IGNORE
27	5	163803	L27F2.DAT	EOF
27	5	163811	L27F3.DAT	SOF
27	5	171028	L27F3.DAT	EOF
27	5	171040	L27F4.DAT	SOF
27	5	174253	L27F4.DAT	EOF
27	5	174301	L27F5.DAT	SOF
27	5	175019	L27F5.DAT	EOF INCLUDES TURN
28	5	175036	L28F1.DAT	SOF START LINE #28
28	5	1822	L28F1.DAT	EOF
28	5	1822	L28F2.DAT	SOF
28	5	1855.05	L28F2.DAT	EOF
28	5	1855:16	L28F3.DAT	SOF
28	5	192739	L28F3.DAT	EOF

QMIPS LOG: Cruise BLWS 95-01 Chief Sci DAVE TWICHELL

JD 124/125

Line #	QMIPS JD / NAV	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
28	5	192753	Z:L28F4.DAT	SOF
28	5	1943	Z:L28F4.DAT	EOF
29	5	1943	Z:L29F1.DAT	SOF START LINE #29
29	5	201510	Z:L29F1.DAT	EOF
29	5	201532	Z:L29F2.DAT	SOF
29	5	204715	Z:L29F2.DAT	EOF
29	5	204725	Z:L29F3.DAT	SOF
29	5	2050	Z:L29F3.DAT	EOF SWITCHED BY ITSELF TO F4
29	5	2056	Z:L29F4.DAT	SOF
29	5	212122	Z:L29F4.DAT	EOF
29	5	2121	Z:L29F5.DAT	SOF TIME MALFUNCTION
29	5	213141	Z:L29F5.DAT	EOF
29/30	6	2131	Y:DEAD.DAT	SOF TURN
29/30	6		Y:DEAD.DAT	EOF TIME MALFUNCTION
30	6	213335	Y:L30F1.DAT	SOF BECAUSE OF TIME MALFUNCTION
				RESTARTING LINE #30 ∴ OMITT ALL JD 6
	6	2237	y:L30F1.DAT	SOF (NEW) RESTART LINE 30
		2310	y:L30F2.DAT	SOF
		2342	y:L30F3.dat	SOF
30	—	0000		NEW JULIAN DAV VERMAN
		0015	y:L30F4.dat	SOF
31	6	0031	y:L31F1.dat	SOF
		0032-0035		start TDU paper roll #5
		0104	y:L31F2.dat	SOF
		0107	2717.0114	82 36.9540 NOISE
		0136	y:L31F3.dat	SOF
		0209	y:L31F4.dat	SOF
32	6	0224	y:L32F1.dat	SOF start line 32
		0257	y:L32F2.dat	SOF
		0304		lowering fish

QMIPS LOG: Cruise BLWS 9501 Chief Sci Dave Twichell

JD 125

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
32	6	0330	y:L32F3.dat	SOF
32	6	040141	y:L32F3.dat	EOF
32	6	040152	y:L32F4.DAT	SOF
32	6	041655	y:L32F4.DAT	EOF (INCLUDES TURN)
33	6	041710	y:L33F1.DAT	SOF START OF LINE 33
33	6	044920	y:L33F1.DAT	EOF
33	6	044930	y:L33F2.DAT	SOF
33	6	052145	y:L33F2.DAT	EOF
33	6	052200	y:L33F3.DAT	SOF
33	6	055411	y:L33F3.DAT	EOF
33	6	055430	y:L33F4.DAT	SOF
33	6	0606	y:L33F4.DAT	EOF (INCLUDES TURN)
34	6	0606	y:L34F1.DAT	SOF START OF LINE 34
34	6	063650	y:L34F1.DAT	EOF
34	6	063701	y:L34F2.DAT	SOF
34	6	070915	y:L34F2.DAT	EOF
34	6	070930	y:L34F3.DAT	SOF
34	6	074140	y:L34F3.DAT	EOF
34	6	074154	y:L34F4.DAT	SOF
34	6	0759	y:L34F4.DAT	EOF
35	7	0759	z:L35F1.DAT	SOF START LINE #35
35	7	083137	z:L35F1.DAT	EOF
35	7	083150	zL35F2.DAT	SOF
35	7	090402	zL35F2.DAT	EOF
35	7	090411	zL35F3.DAT	SOF
35	7	093628	z:L35F3.DAT	EOF
35	7	093640	z:L35F4.DAT	SOF
35	7	0944.00	z:L35F4.DAT	EOF
36	7	0944.20	z:L36F1.DAT	SOF START LINE #36
		1017	z:L36F2.dat	SOF

QMIPS LOG: Cruise BLWS 95-01 Chief Sci DAVE TWICHELL

JD125

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
36	7	1017		starting Nav disk 8
↓	↓	1649	L36F3.dat	SOF
↓	↓	1121	L36F4.dat	SOF
37	7	1149	L37F1.dat	SOF start line 37
↓	↓	1222	L37F2.dat	SOF
↓	↓	1255	L37F3.dat	SOF
↓	↓	1329	L37F4.dat	SOF
38	7	1337	L38F1.dat	SOF start line 38
↓	↓	1409	L38F2.dat	SOF
↓	↓	1442	L38F3.dat	SOF
↓	↓	1450		changing TD4 paper roll # 6
↓	↓	1514	L38F4.dat	SOF
↓	↓	1524		lowering fish
39	7	1538	L38F1.dat	* SOF start line 39 * NOTE SKIPPED BEGINNING OF LINE 39
39	7	161122	ZL38F1.DAT	EOF
39	7	161130	ZL39F2.DAT	SOF
39	7	164348	ZL39F2.DAT	EOF
39	7	164400	ZL39F3.DAT	SOF
39	7	171614	ZL39F3.DAT	EOF
39	7	171630	ZL39F4.DAT	SOF
39	7	172730	ZL39F4.DAT	EOF
40	8	172750	Y:L40F1.DAT	SOF START LINE #40
40	8	175950	Y:L40F1.DAT	EOF
40	8	180003	Y:L40F2.DAT	SOF
40	8	183305	Y:L40F2.DAT	EOF
40	8	183317	Y:L40F3.DAT	SOF
40	8	190442	Y:L40F3.DAT	EOF
40	8	190451	Y:L40F4.DAT	SOF
40	8	19:20	Y:40F4.DAT	EOF

QMIPS LOG: Cruise BLWS 95-01 Chief Sci DAVE TWICHELL

TAPE JD 125/126

Line #	~~SP~~	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
41	8	19:20:20	yL41F1.DAT	SOF #HEADING BACK TO SHORE FOR L1
41	8	1945:28	yL41F1.DAT	EOF
42	8	1945:40	yL42F1.DAT	SOF SHORE LINE.
42	8	2018:02	yL42F1.DAT	EOF
42	8	2018:14	yL42F2.DAT	SOF
42	8	2023	yL42F2.DAT	EOF
43	8	2023	y:L43F1.DAT	SOF START LINE #43
43	8	203310	y:L43F1.DAT	EOF
44	8	203321	y:L44F1.DAT	SOF START LINE #44
44	8	204421	y:L44F1.DAT	EOF
45	8	204432	y:L45F1.DAT	SOF START LINE #45
45	8	2116:46	y:L45F1.DAT	EOF
45	8	211700	y:L45F2.DAT	SOF
45	8	213520	y:L45F2.DAT	EOF
46	8	213540	y:L46F1.DAT	SOF START LINE #46
↑	↑	2208	yL46F2.DAT	SOF
		2216		pot on fish
		2241	L46F3.dat	SOF
↓	↓	2313	L46F4.dat	SOF
47	8	2329	L47F1.dat	SOF start line 47
↓	↓	0002	L47F2.dat	SOF
		0034	L47F3.dat	SOF
↓	↓	0105	L47F4.dat	SOF
48	8	0118	L48F1.dat	SOF start line 48
		0144-0146		HIT BOTTOM, APPARENTLY THE STOPPER ON CABLE SLIPPED. QMIPS LOST SYNC. RETRIGGER OK
		0151	L48F2.dat	SOF
		0223	L48F3.dat	SOF

QMIPS LOG: Cruise BLWS 95-01 Chief Sci DAVE TWICHELL

JD 126

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
48	8	0223		caught pot on fish
↓	↓	0254	L48f4.dat	SOF
49	9	0319	L49f1.dat	starting Line 49
		0326		lowering fish
		0352	L49f2.dat	SOF
49	9	042446	ZL49F2.DAT	EOF
49	9	042502	ZL49F3.DAT	SOF
49	9	045711	ZL49F3.DAT	EOF
49	9	045723	ZL49F4.DAT	SOF
49	9	0507	ZL49F4.DAT	EOF
50	9	050720	ZL50F1.DAT	SOF START LINE #50
50	9	053925	ZL50 F1.DAT	EOF
50	9	053940	ZL50 F2.DAT	SOF
50	9	061151	ZL50 F2.DAT	EOF
50	9	061202	ZL50 F3.DAT	SOF
50	9	064420	ZL50 F3.DAT	EOF
50	9	064433	ZL50F4.DAT	SOF
50	9	0707	ZL5054.DAT	EOF
51	9	0707	ZL51F1.DAT	SOF START LINE #51
51	9	073735	ZL51F1.DAT	EOF
51	9	073747	ZL51F2.DAT	SOF
51	9	081110	ZL51 F2.DAT	EOF
51	9	081121	ZL51 F3.DAT	SOF
51	9	0814	ZL51 F3.DAT	EOF SWITCHED RIGHT AWAY TO F4)
51	9	0814	ZL51 F4.DAT	SOF
51	9	084504	ZL51 F4.DAT	EOF
51	9	0845.20	ZL51 F5.DAT	SOF
51	9	0851:00	ZL51F5.DAT	EOF
52	9	0851:10	ZL52F1.DAT	SOF
52	9	092326	ZL52F1.DAT	EOF

QMIPS LOG: Cruise OLWS95-01 Chief Sci ~~DAVE~~ TWICHELL

JD126

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
52	9	092340	ZL52F2.DAT	SOF
52	9	095552	ZL52F2.DAT	EOF
52	9	095610	ZL52F3.DAT	SOF
↓	↓	1028	L52F4.dat	SOF
53	9	1045	L53F1.dat	SOF start line 53
		1048		lowering fish
		1118	L53F2.dat	SOF
		1150	L53F3.dat	SOF
↓	↓	1223	L53F4.dat	SOF
54	10	y:1234	y:L54F1.dat	SOF start line 54 / START TAPE #10
		y:1305	y:L54F2.dat	SOF
		1324-1328		pot on 3.5
		1339	y:L54F3.dat	SOF
↓	↓	1411	y:L54F4.dat	SOF - might be a problem with file
55	10	1440	y:L55F1.dat	SOF start line 55
		1605	y:L55F2.dat	SOF
		1545	y:L55F3.DAT	SOF
55	10	161714	yL55F3.DAT	EOF
55	10	161730	yL55F4.DAT	SOF
55	10	162600	yL55F4.DAT	EOF
56	10	162620	yL56F1.DAT	SOF START LINE 56
56	10	165830	yL56F1.DAT	EOF
56	10	165840	yL56F2.DAT	SOF
56	10	173056	yL56F2.DAT	EOF
56	10	173110	yL56F3.DAT	SOF
56	10	180321	yL56F3.DAT	EOF
56	10	180330	yL56F4.DAT	SOF
56	10	181800	yL56F4.DAT	EOF
57	10	181820	yL57F1.DAT	SOF START OF LINE # 57
57	10	185025	y:L57F1.DAT	EOF

QMIPS LOG: Cruise BLWS 95-01 Chief Sci DAVE TWICHELL

Julian DAY 126/127

Line #	~~Time~~	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
57	10	185040	y:L57F2.DAT	SOF
57	10	192430	y:L57F2.DAT	EOF
57	10	192444	y:L57F3.DAT	SOF
57	10	195515	y:L57F3.DAT	EOF
57	10	195530	y:L57F4.DAT	SOF
57	10	2002	y:L57F4.DAT	EOF
58	10	2002	y:L58F1.DAT	SOF START LINE # 58
58	10	203356	y:L58F1.DAT	EOF
58	10	203410	y:L58F2.DAT	SOF
58	10	210630	y:L58F2.DAT	EOF
58	10	210642	y:L58F3.DAT	SOF
58	10	213846	y:L58F3.DAT	EOF
58	10	215902	y:L58F4.DAT	SOF
59	11	2211	z:L59F1.dat	SOF start line 59
				START Z DRIVE
		2244	L59F2.dat	SOF
		2316	z:L59F3.DAT	SOF
↓	↓	2349	z:L59F4.dat	SOF
60	11	0003	z:L60F1.dat	SOF start line 60
		START	JD 127	
		0036	L60F2.dat	SOF
		0108	L60F3.dat	SOF
		0133		pot on fish
		0400	L60F4.dat	SOF
		0210		START NAV DISK 11
↓	↓	0212	z:L60PS.DAT	
61	11	0219	L61F1.dat	SOF start line 61
		0252	L61F2.dat	SOF
		0325	L61F3.dat	SOF
		0356	L61F4.dat	SOF

QMIPS LOG: Cruise BWLS 95-01 Chief Sci DAVE TURCHEK

JD127

Line #	127 JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
61	11	0412:00	Z:L61F4.DAT	EOF
62	11	0412:10	Z:L62F1.DAT	SOF START LINE #62
62	11	044425	Z:L62F1.DAT	EOF
62	11	044440	Z:L62F2.DAT	SOF
62	11	051651	Z:L62F2.DAT	EOF
62	11	051702	Z:L62F3.DAT	SOF
62	11	054916	Z:L62F3.DAT	EOF
62	11	054930	Z:L62F4.DAT	SOF
62	11	0609	Z:L62F4.DAT	EOF
63	11	0609	Z:L63F1.DAT	SOF START LINE #63
63	11	063725	Z:L63F1.DAT	EOF
63	11	063740	Z:L63F2.DAT	SOF
63	11	070951	Z:L63F2.DAT	EOF
63	11	071003	Z:L63F3.DAT	SOF
63	11	074217	Z:L63F3.DAT	EOF
63	11	074230	Z:L63F4.DAT	SOF
63	11	0803:03	Z:L63F4.DAT	EOF
64	12	0803:11	Z:L64F1.DAT	SOF START LINE #64
64	12	0836..	Z:L64F1.DAT	EOF
64	12	0836	Z:L64F2.DAT	SOF
64	12	0908:19	Y:L64F2.DAT	EOF
64	12	090831	Y:L64F3.DAT	SOF
64	12	094044	Y:L64F3.DAT	EOF
64	12	094050	Y:L64F4.DAT	SOF
64	12	0950:00	Y:L64F4.DAT	EOF
65	13	0950:20	Y:L65F1.dat	SOF start line 65
		10:22	Y:L65F1.dat	SOF
		10:54		locked up
		11:14		System reset disk drive A failed
65	13	11:20	Z:L65.dat	

QMIPS LOG: Cruise BLWS 9501 Chief Sci Twichell

JD 127 7 May, 1995

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
65	13	11:25	z:L65f2.dat	SOF
		11:58	z:L65f3.dat	SOF
66	13	12:30	z:L66 F1.dat	SOF start line 66
		13:03	L66F2.dat	SOF
		13:35	L66F3.dat	SOF
		14:05	L66F4.dat	SOF
67	13	14:19	L67 F1.dat	SOF start line 67
		1450	z:L67F2.DAT	SOF
		15:24	z:L67F3.dat	SOF
		15:57	z:L67F4.dat	SOF
67	13	1622	z:L67F4.DAT	EOF
68	13	1622	z:L68F1.DAT	SOF START LINE #68
68	13	165325	z:L68F1.DAT	EOF
68	13	165340	z:L68F2.DAT	SOF
68	13	172549	z:L68F2.DAT	EOF
68	13	172602	z:L68F3.DAT	SOF
68	13	1759	z:L68F3.DAT	EOF
68	13	1759	z:L68F4.DAT	SOF
68	13	1804:36	z:L68F4.dat	EOF
69	13	1804:40	z:L69F1.dat	SOF START LINE #69
69	13	183654	z:L69F1.DAT	EOF
69	13	183710	z:L69F2.DAT	SOF
69	13	190920	z:L69F2.DAT	EOF
69	13	190931	z:L69F3.DAT	SOF
69	13	194146	z:L69F3.DAT	EOF
69	13	194202	z:L69F4.DAT	SOF
69/70	14	2005	y:DEAD.DAT	SOF TOW
69/70	14	2005	y:DEAD.DAT	EOF
70	14	2006	y:L70F1.DAT	SOF START LINE 70
70	14	203825	y:L70F1.DAT	EOF

QMIPS LOG: Cruise LoBLS 95-01 Chief Sci DAVE TAUCHER L

JD127/128

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
70	14	203841	y:L70F2.047	SOF
70	14	211050	y:L70F2.047	EOF
70	14	211104	y:L70F3.047	SOF
70	14	2112	y:L70F3.047	EOF
70	14	2112	y:L70F4.047	SOF
70	14	2157:30	y:L70F4.047	EOF
71	14	2157:40	y:L71F1.047	SOF
		22:27		lowering fish
		22530	y:L71F2.dat	SOF
		23:02	y:L71F3.dat	SOF
		23:35	y:L71F4.dat	SOF
72	14	23:50	y:L72F1.dat	SOF start line 72
		0000	START	JD 128
		0023	y:L72F2.dat	SOF
		0026		changing TDU paper
		0028		start roll #10
		0035		end roll 5 on 3.5
		0038		start roll 6 on 3.5
		0055	y:L72F3.dat	SOF
		0128	y:L73F4.dat	SOF note mistake in file name
73	14	0145	y:L73F1.dat	SOF start line 73
		0218	y:L73F2.dat	SOF
		0250	y:L73F3.dat	SOF
		0314		raising fish
		0323	y:L73F4.dat	SOF
		0328		raising fish
74	14	0346	y:L74F1.dat	SOF start line #74
74	14	041912	y:L74F1.047	EOF
74	14	041930	y:L74F2.047	SOF
74	14	045137	y:L74F2.047	EOF

QMIPS LOG: Cruise BCWS 95-01 Chief Sci DANE TWICHELL

JD128

Line #	JD 126	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
74	14	045750	Y:L74F3.DAT	SOF
74	14	0[illegible]	Y:L74F3.DAT	EOF
74	14	[illegible]	Y:L74F4.DAT	SOF
74	4	053433	Y:L74F4.DAT	EOF
75	14	053450	Y:L75F1.DAT	SOF AFTER LINE #75
75	14	060658	Y:L75F1.DAT	EOF
75	14	060711	Y:L75F2.DAT	SOF
75	14	[illegible]	Y:L75F2.DAT	EOF
75	14	064006	Y:L75F3.DAT	SOF
75	14		Y:L7573.DAT	EOF
75	14	71223	Y:L75F4.DAT	SOF
75	14	073210	Y:L75F4.DAT	EOF
76	14	073130	Y:L76F1.DAT	SOF
76	14	080435	Y:L76F1.DAT	EOF
76	14	080442	Y:L76F2.DAT	SOF
76	14	08:38?	Y:L76F2.DAT	EOF
76	14	08:38?	Y:L76F3.DAT	SOF
76	14	[illegible]	Y:L76F3.DAT	EOF
76	14	091223	Y:L76F4.DAT	SOF
76	14	0917	Y:L76F4.DAT	EOL & EOF
77	14	091710	Y:L77F1.DAT	SOL & SOF
		10:02		changing fish or whatever
				the Hell we're doing
		1009	Y:L77.DAT	DUAL FISH FIRST
		1034		SHOOT