104926

Q-MIPS LOG

SHIP AND CRUISE: ELUSIVE ELUS 95008

AREA: Wrightsville Beach

DATES: July 23 - 31, 1995

CHIEF SCIENTIST: Schwab/Thieler

QMIPS LOG: Cruise ELUS 95008 Chief Sci SCHWAB

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
~~LIFI.DAT~~	205	1219	LIFI.DAT	Problems with QMIPS lost pings
LINE 1				V: drive → problems w/ array processing
				try Z: w/ LIFI.dat
		1225	LIFI.DAT	→ DRIVE Z: → loosing pings
				stopping. Restarting QMIPS
Line 1	205	1230	LIFIA.DAT	sending blocks of data - not
				continuous - only when recording
				to tape - no longer loosing
				pings - memory allocation
				problem?!!
		1301	LIF2.DAT	
		1310		END of Line 1
				Line 1 = same first line as
				March 1994 Survey
LINE 2	205	1319:50	L2FI.DAT	Start of Line 2
				(in shore line) (off Johnny Mercers
				Pier)
				Brakes inside in for range
				starboard channel - ~50-75m
				out
		1345		Passing Johnny Mercer Pier
		1352	L2F2.DAT	water column - floaters - showing
				up as high backscatter blobs
				- boat noise on port channel
		1403		- off pier - starboard
		1408		- EOL 2
LINE 3	205	1409:50	L3FI.DAT	SOL 3
		1443	L3F2.DAT	
		1453		EOL 3

QMIPS LOG: Cruise ELUS 95008 Chief Sci LL Jefe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
Line 4	205	1455	L4F1.DAT	Moving offshore
		1513	L4F2.DAT	Tweaking gains -
				seems to be tuned low
				increased gain
		1546	L4F3.DAT	
		1547	L4F4.DAT	
		1548		EOL 4
Line 5	205	1549:50	L5F1.DAT	SOL 5
		1622	L5F2.DAT	
		1635		EOL 5
Line 6	205	16:37	L6F1.DAT	SOL 6
				Lots of "sea snot" in water
				column - high back scatter
				blobs
				- surface noise sea state
				picking up
		17:09	L6F2.DAT	
		17:38		EOL 6
Line 7	205	17:42	L7F1.DAT	SOL 7
		18:14	L7F2.DAT	
		18:30		EOL 7
Line 8	205	18:31:40	L8F1.DAT	SOL 8
		19:03	L8F2.DAT	
		19:35		EOL 8
				End of surveying JD 205

QMIPS LOG: Cruise ELUS 95008 Chief Sci SCHLAB

TAPE # 2

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
9	206	1046	L9F1·DAT	SOL 9 JULY 25 START TAPE 2
9	206	1118	L9F2·DAT	FILE CHG
9	206	1136	L9F2·DAT	EOL 9
10	206	1139	L10F1·DAT	SOL 10 FILE IS "L0F1·DAT" MISLABELED
10	206	1211	L10F2·DAT	FILE CHANGE
10	206	1235	L10F2·DAT	EOL 10
11	206	1236	L11F1·DAT	SOL 11
11	206	1309	L11F2·DAT	FILE CHG
11	206	1328	L11F2·DAT	EOL 11
12	206	1328	L12F1·DAT	SOL 12
12	206	1400	L12F2·DAT	FILE CHG
12	206	1428	L12F2·DAT	EOL 12
13	206	1428	L13F1·DAT	SOL 13
13	206	1501	L13F2·DAT	FILE CHANGE
13	206	1522	L13F2·DAT	EOL 13
14	206	1522	L14F1·DAT	SOL 14
14	206	1555	L14F2·DAT	FILE CHANGE
14	206	1626	L14F2·DAT	EOL 14 (END OF DAY)

QMIPS LOG: Cruise ELUS 95008 Chief Sci SCHWAB

TAPE 3

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
15	207	1050	L15F1.DAT	SOL 15 START TAPE 3
15	207	1102	L15F1.DAT	EOL 15 (FISH DIED)
15	207	1327	L15F2.DAT	RESTART LINE 15
15	207	1330	L15F2.DAT	FISH DIES (HEAD HOME)
15	207	1502	L15F3.DAT	SOL 15 AGAIN
			QMIPS PROB	
15	207	1504	L15F3.DAT	SOL 15
15	208	1034	L15F1.DAT	SOL 15 NEARSHORE
15	208	1106	L15F2.DAT	FILE CHG
15	208	1118	L15F2.DAT	EOL 15
16	208	1135	L16F1.DAT	SOL 16

QMIPS LOG: Cruise ELUS95008 Chief Sci SCHLAB

	Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
TAPE 4	16	208	1411	L16F2.DAT	RESTART 16 FROM SOUTH
	16	208	1444	L16F3.DAT	NEW FILE
			1459	L16F3.DAT	EOL 16
	17		1520	L17F1.dat	SOL 17
			1531	L17F2.DAT	CHG FILE
			1605	L18F1.DAT	STILL LINE17 MISLABELED
			1606	L18F1.DAT	EOL 17
	18		1606	L18F1.DAT	SOL 18
			1636	L18F2.DAT	FILECHG
			1654	L18F2.DAT	QMIPS SCREWY END LINE18
TAPE 5	19	208	1658	L19F1.DAT	SOL 19
	19	208	1737	L19F2.DAT	FILE CHG
	19	208	1803	L19F3.DAT	FILECHG
	19	208	1806	L19F3.DAT	EOL 19

QMIPS LOG: Cruise ELUS95008 Chief Sci SCHUMB

TAPE 6

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
20	209	1022	L20F1.DAT	SOL 20
20	209	1054	L20F2.DAT	FILE CHG
20	209	1113	L20F2.DAT	EOL 20
21	209	1114	L21F1.DAT	SOL21
21	209	1146	L21F2.DAT	FILE CHG
21	209	1212	L21F1.DAT	EOL21
22	209	1213	L22F1.DAT	SOL22
22	209	1244	L22F2.DAT	FILE CHG
22	209	1306	L22F2.DAT	EOL22
23	209	1306	L23F1.DAT	SOL23
23	209	1339	L23F2.DAT	FILE CHG
23	209	1409	L23F2.DAT	EOL 23
24	209	1409	L24F1.DAT	SOL24
24	209	1440	L24F2.DAT	FILE CHG
24	209	1508	L24F2.DAT	EOL24
25	209	1502	L25F1.DAT	SOL 25
25	209	1535	L25F2.DAT	FILE CHG
25	209	1601	L25F2.DAT	EOL25
26	209	1602	L26F1.DAT	SOL26
26	209	1633	L26F2.DAT	FILE CHG
26	209	1654	L26F2.DAT	EOL 26
27	209	1655	L27F1.DAT	SOL27
27	209	1730	L27F2.DAT	CHG FILE
27		1755	L27F2.DAT	EOL 27
28		1756	L28-F1-DAT	SOL28
28		1827	L28F1.DAT	FILE CHG
28		1827	L28F2.DAT	NEW FILE
28		1849	L28F2.DAT	EOL28
29		1849	L29F1.DAT	SOL29
29				

QMIPS LOG: Cruise ELUS 95008 Chief Sci SCHLAB

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
30	210	1031	L30F1.DAT	SOL30
30	210	1103	L30 F2.DAT	~~CHG~~ FILE
30	210	1124	L30F2.DAT	EOL30
31	210	1125	L31F1.DAT	SOL31
31	210	1157	L31F2.DAT	FILE CHG
31	210	1224	L31F2.DAT	EOL31
32	210	1224	L32F1.DAT	~~SOL32~~ TURN (DO NOT PROCESS)
32	210	1229	L32F2.DAT	SOL32
32	210	1301	L32F3.DAT	FILE CHG
32	210	1324	L32F3.DAT	EOL33
33	210	1324	L33F1.DAT	SOL33
33	210	1356	L33F2.DAT	FILE CHG
33	210	1425	L33F2.DAT	EOL33
34	210	1425	L34F1.DAT	SOL34
34	210	1458	L34F2.DAT	FILE CHG
34	210	1522	L34F2.DAT	EOL34
35	210	1522	L35F1.DAT	SOL35
35	210	1554	L35F2.DAT	FILE CHG
35	210	1625	L35F2.DAT	EOL35
36	210	1625	L36F1.DAT	SOL36
36	210	1657	L36F2.DAT	File chg
36	210	1721	L36F2.DAT	EOL36
36	210	1721	L37F1.DAT	SOL37
37	210	1753	L37F2.DAT	FILE CHG
38	210	1816	L38F1.DAT	EOL37 / SOL38
38	210	1848	L38F2.DAT	FILE CHANGE
38	210		L38F2.DAT	EOL38

QMIPS LOG: Cruise Elus 95008 Chief Sci Fletcher

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
Fig. 1	211	1054	L1F1.dat	SOL Fig 1 (tune seems better than prev. days)
Fig 1	211	1127	L1F2.dat	file chg.
Fig 1	211	1131	L1f2.dat	EOL 1
Fig 2	211	1131	L2f1.dat	SOL 2
Fig 2	211	1139	L2f1.dat	ping 4200(3) small linear ripple patches
Fig 2	211	1145	L2f1.dat	ping 7002 more abundant linear patches
				(they're all over the place ....)
Fig 2	211	1202	L2f2.dat	file change
Fig 2	211	1208	L2f2.dat	turn seaward, keeping file going
Fig 3	211	1213	L3f1.dat	SOL 3
Fig 3	211	1220	L3f1.dat	tweaking of tune
Fig 3	211	1245	L3f2.dat	file change
Fig 3	211	1255	L3AZ.dat	EOL 3
Fig 3	211	1255	L4f1.dat	turn seaward, file change
Fig 3	211	1300	L4f1.dat	let fish out 5 m
Fig 4	211	1301	L4f1.dat	SOL 4
Fig 4	211	1328	L4f2.dat	file change
Fig 5	211	1350	L5f1.dat	SOL 5, file change
Fig 5	211	1423	L5f2.dat	file change
Fig 5	211	1434	L5f2.dat	EOL 5, turn landward, same file
Fig 6	211	1441	L6f1.dat	SOL 6, file change
Fig 6	211	1514	L6f2.dat	file change
Fig 6	211	1515	L6f3.dat	accidental file change (a few pings in f2)
Fig 6	211	1526	L6f3.dat	pull fish in 5 meters
Fig 7	211	1528	L7f1.dat	SOL 7, file change
Fig 7	211	1530	L7f1.dat	let fish out 3 meters
Fig 7	211	1602	L7f2.dat	file change
Fig 8	211	1610	L8f1.dat	SOL 8, new file
Fig 8	211	1642	L8f2.dat	file change
Fig 8	211	1651	L8f2.dat	EOL 8, end of day & cruise