104876

93026 DEMP 93-1
Q-MIPS LOG
NOV 7-21, 1993

93026 Qmp

Q-MIPS LOG

SHIP AND CRUISE: RV JOHN DEMPSEY

AREA: LONG ISLAND SOUND

DATES: 11/5/93 -

CHIEF SCIENTIST: LEWIS/POPPE/TWICHELL/ZAJAC

Area: Inshore Horewalk

QMIPS LOG: Cruise JD1-93 Chief Sci _____

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)	
1	323	~~14:46:50~~	Lisp 1.dat	SOL 1 @ 14:46:50	80' Laybk
				14:54	120' Laybk
				14:57	140' Laybk
				EOL 1 @ 15:02	
2		~~15:05:20~~	Lisp 2.dat	SOL 2 @ 15:05:20	140' Laybk
				15:17:00	100' Laybk
				EOL 2 15:21:34	80' Laybk
3		~~15:26~~	Lisp 3.dat	SOL 3 15:26:00	80' Laybk
				EOL 15:32	100' Laybk
3A		~~15:40:06~~	Lisp 3A.dat	SOL 3A 15:40:50	80' Laybk
				15:44:06	120' Laybk
				15:49:01	140' Laybk
				15:52 bad 60' Laybk	
				15:56:10	
4			Lisp 4.dat	SOL 4 @ 16:28:10	80' Laybk
				EOL 4 16:32:00	
5		~~16:45:00~~	Lisp 5.dat	SOL 5 @ 16:45:00	80' Laybk
				EOL 5 16:55:00	
6		/	Lisp 6.dat	SOL 6 @ 17:09:50	
				EOL 6 17:19:50	

JD 311

QMIPS LOG: Cruise JD 1-93 Chief Sci Poppe / Twiss

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
1	311	1237	L1 F1.DAT	SOL 1 12:37:22 95' Layback
				Tuned System @ Ping 9360 12:44:40
		1309	L1F2.DAT	EOL 1 13:08
2		1315	L2F1.DAT	SOL 2 13:15:00 200' Layback
				PORT Channel Prob: "Sticky Gain knob"
		1347:50	L2F2.DAT	EOL 2 13:53:40 / 130' Layback
3		13:53:54	L3F1.DAT	SOL 3 13:53:54 / 100' Layback
		14:24	L3F2.DAT	Ping 2443 41.109/73.092 140' Layback
				" 6560 41.115/73.074 150' Layback
				" 9350 41.115/73.062 250' Layback
				EOL 3 @ 14:24:43
4		14:29:40	L4F1.DAT	SOL 4 @ 14:29:40 / 250' Layback
		1502:00	L4F2.DAT	
		1507		EOL 4 15:07:00 / 125' Layback
5		1507	L5F1.DAT	SOL 5 15:08 / 100' Layback
				15:21:10 / 160' Layback
				15:39:00 / 200' Layback
		15:46:50	L5F2.DAT	15:43:50 / 250' Layback
				EOL 5 15:46:50
6		15:47:00	L6F1.DAT	
				SOL 6 @ 15:50:20 / 250' Layback / Ping 1770
		1619:20	L6F2.DAT	16:19:20 / 140' Layback
				EOL 6 16:22:34

JD 311

QMIPS LOG: Cruise JD 1-93 Chief Sci Peggy Lucas

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
7	311	16:27:10	L7F1.DAT	SOL @ 16:27:10 / 120' Layback
				16:31:00 / 180' Layback
				16:42:00 / 250' Layback
				EOL 7 @ 16:58:30
8		16:59:50	L8F1.DAT	/ 250' Layback
				SOL 8 @ 17:02:00 / Ping # 1100
				17:31:00 / 140' Layback
		17:32:00	L8F2.DAT	
				EOL 8 @ 17:34:50
9		17:39:30	L9F1.DAT	SOL 9 @ 17:39:30
				/ 17:54:40 / 230' Layback
				Loran C Down - No time to 17:30:00
				Qmips?
			L9F2.DAT	No Time on Qmips.
				EOL 9 @ 18:15
2				Possible NO EOF on
TAPE 2				TAPE 1.
				18:51
10		18:51:25	L10F1.DAT	Computer Time SOL 10 / 250' Layback
				19:20:00 / 180' Layback
				EOL 10 @ 19:23:00
		19:23:00	L11F1.DAT	
11				SOL 11 @ 19:38:30 / 200' Layback
		19:56:20	L11F2.DAT	
				EOL 11 20:09:30

JD 311

QMIPS LOG: Cruise JD1-93 Chief Sci _____

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
12	311	20:12 /	L12F1.dat	SOL 12 @ 20:12:30 / 280' LAYBACK
				20:40 / 160' Laybacks
		20:45:07	L12F2.dat	
				EOL 12 @ 20:46
13		20:50:01	L13F1.dat	SOL 13 @ 20:50:01 / 230' Laybacks
				20:59 / 275' Laybacks
				EOL 13 21:22

JD 312 11-08-93 TAPE 1 of 2

QMIPS LOG: Cruise JD 1-93 Chief Sci Poppe / Twichell

→ * No Depth DATA on Lines 14-18.

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
→14	312	13:33:34	L14F1.dAT	SOL 14 @ 13:01:30 / 150' Layback
		13:33:43	L14F2.dAT	13:33 / 80' Layback
				EOL 14 @ 13:39:00
15		13:43:30	L15F1.dAT	SOL 15 @ 13:43:30 / 080' Layback
				13:52:00 / 110" Layback
				EOL 15 @ 14:11:23
16		14:15:41	L16F1.dAT	SOL 16 @ 14:15:41 / 110' Layback
		14:48:23	L16F2.dAT	14:21:00 / 160' Layback
				14:41:00 / 110' Layback
				EOL 16 14:51:12
17		14:56:42	L17F1.dAT	SOL 17 @ 14:56:42 / 150' Layback
				15:03 / 100' Layback
				15:08 / 150' Layback
				EOL 17 @ 15:36:30
		15:29:13	L17F2.dAT	
18		15:31:10	L18F1.dAT	SOL 18 @ 15:31:10 / 150' Layback
				15:51:00 / 200' Layback
				15:58:00 / 230' Layback
		16:03:27	L18F2.dAT	
				EOL 18 @ 16:12:00 / 230' Layback
19		16:16:10	L19F1.dAT	SOL 19 @ 16:16:10 / 230' Layback
				16:35 / LOBSTER POT Hang
				Turning to Restart Line.
		16:48	L19F2.dAT	

Tape 2

Out Line 19

JD312

QMIPS LOG: Cruise JD1-93 Chief Sci ~~Toppe~~ / Tim Kell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
19A	312	POINTS	L19AF1.dAT	SOL 19A @ 17:01:43 / 275' Layback
				MAX CABLE OUT
				17:13:00 / 180' Layback
				17:20:30 / 90' Layback
		17:34:00	L19AF2.dAT	
				EOL 19A @ 17:38:50 /
20		17:43:34	L20F1.dAT	SOL 20 @ 17:43:34 / 90' Layback
				17:59:00 / 140' Layback
				Snagged Lobster Pot / 18:00:00
				18:06:00 / 280' Layback
		18:16:40	L20F2.dAT	
				EOL 20 @ 18:20
21		18:25:11	L21F1.dAT	SOL 21 @ 18:25:11 / 200' Layback
				280' Layback
		18:57:50		EOL 21 @ 18:57:50
		19:02:00	L21F2.dAT	
				↓Running Against Seas↓
22		19:02:11	L22F1.dAT	SOL 22 @ 19:02 / 280' Layback
				19:06 / 230' Layback
				Sea State Increase - Random Noise Spikes
				on Record
				MAX CABLE OUT 280' Layback 19:20
				19:27:00 210 Layback
		19:31:30		EOL 22 @ 19:33:8
			L22F2.dAT	
			↓	

QMIPS LOG: Cruise JD 1-93 Chief Sci Peppe Twitchell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
23	312	19:37:50	L23F1.dAT	SOL 23 19:37:50 / 210' LAYBACK
				Running with Seas.
				19:50:00 / 280' Layback
				MAX CABLE OUT
				20:01 Random Noise Spikes
		20:10:30	L23F2.dAT	
				EOL 23 @ 20:11:55
		20:16:44		
24			L24F1.dAT	SOL 24 @ 20:16:44 / 280' LAYBACK
				Running into Seas / Random Spikes
				20:20 / 230' / Ayback
				280' Layback
				EOL 24 @ 20:47:00
		20:49:46	L24F2.dAT	
25		20:53:43	L25F1.dAT	SOL 25 @ 20:53:43 / 210' LAYBACK
				Running with Seas
				21:14 Random Spikes
End Tape #3				EOL 25 @ 21:25:54

JD 313

QMIPS LOG: Cruise JD1-93 Chief Sci Poppe / Twichell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
26	313	12:17:50	L26F1.dAT	SOL@12:17:50 / 160' Layback
				200' Layback
				Auto Gain Changes Noticed on
				STBd Channel 12:40 - 12:41 ?
		12:50:22	L26F2.dAT	12:50 - 120 Layback
				EOL26@12:51:20
27		12:54:40	L27F1.dAT	SOL 27@12:54:40 / 120' Layback
				13:02:40 / 170' Layback
				EOL@ 13:26:30
		13:27:00	L27F2.dAT	
28		13:30:23	L28F1.dAT	SOL 28@13:30 / 170' Layback (NOISE)
				210' Layback
				13:56 90' Layback
		14:03:01	L28F2.dAT	
				EOL 28@14:03:51
29		14:06:41	L29F1.dAT	SOL 29@14:08:41 / 90' Layback
				14:12:00 / 100' Layback
				14:14 / 230' Layback
				EOL 29@ 14:35
30		14:38:50	L30F1.dAT	SOL 30@ 14:38:50 / 230' Layback
				EOL 30@ 15:06:00
		15:11:11	L30F2.dAT	On Line Turn Edit Out this File
				"Circle City"

JD 313

QMIPS LOG: Cruise JD 1-93 Chief Sci _____

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
31	313	15:25:09	L31F1.dat	SOL @ 15:29:09 / 170' Layback
				15:30:32 / 230' Layback
				Noticed Slight Contrast on S.Scan
				when EPC Turned off to fix
				paper.??
				EOL 31 @ 15:48:42
		15:45:47	L32F1.dat	→ - Even is included with
				this file oops!!
32			SOL 32	Straight on Line @ 15:52 / pinger #1540
				230' Layback /
				16:01 - Noticed Contrast change on
				S.Scan while fixing paper
				on EPC Recorder??
				16:15 / 110' Layback
		16:21:12	L32F2.dat	
				EOL #32 @ 16:22:14
33		16:25:32	L33F1.dat	SOL @ 33 16:25:32 / 110' Layback
				200' / Layback
				EOL 33 @ 16:51:30
34		16:54:52	L34F1.dat	SOL 34 @ 16:54:52 / 130' Layback
				17:03 / 255' Layback
				17:13 / 140' Layback
				- 17:14 Shagged P.F -
				17:18 / 100' Layback
				EOL 34 @ 17:20:44

QMIPS LOG: Cruise JD 1-93 Chief Sci Poppe Twichell

Line #	JD	Start / End	Filename	Comments: *(Nav system, observed features, problems, etc.)*
35	313	17:23:12	L35F1.dAT	SOL 35 @ 17:23:12 / 110' Layback
				17:29:10 200' Layback
				17:36:00 255' Layback
				EOL 35 @ 17:49
				Fish up To check for Lobster Pot.
36	313	17:52:13	L36F1.dAT	SOL 36 @ 17:52:13 / 240' Layback.
				1806 Fish up - Hung Buoy
	ping #485			End Line 36 - Heading in.
				Captain Breaks Arm
				Re-do Line 36. Incomplete
				Edit out.

JD314

QMIPS LOG: Cruise JD-1-93 Chief Sci Poppe Lewis

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
36 A	314	12:39:23	L36AF1.dat	SOL 36A @ 12:39:23 / 275' Layback
				Contrast Change Noted / STBD CR. @ 12:50
				No Controls Touched on Klein?
				/ 140' Layback
				EOL 36A 13:09:01
		13:11:31	L36AF2.dat	13:11:31
37		13:12:01	L37F1.dat	SOL 37 13:12:01 / 140 Layback
				/ 275' Layback
				EOL 37 @ 13:43:03
		13:44:21	L37F2.dat	
38		13:46:31	L38F1.dat	SOL 38 @ 13:46:31 / 275' Layback
				/ 130' Layback
				EOL 38 @ 14:18:00
		14:19:30	L38F2.dat	
39		14:21:10	L39F1.dat	SOL 39 @ 14:21:10 / 130' Layback
				14:32:00 / 160' Layback
				14:40:00 / 230' Layback
		14:53:50	L39F2.dat	
				EOL 39 @ 14:54:52
40		14:57:42	L40F1.dat	SOL 40 @ 14:57:42 / 230' Layback
				/ MAX Out / 280' Layback
				15:24:00 / 180' Layback
		15:30:00	L40F2.dat	15:30:40
				EOL 40 15:36:40

QMIPS LOG: Cruise JD1-93 Chief Sci Roger Tweitell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
41	314	15:40:13	L41 Fl.dAT	SOL 41 @ 15:40:13 / 180' Layback
↑				MAX OUT / 280' Layback
Shooting Lines by 1.5km <—				EOL 1558:00
↓				
42		16:00:41	L42 Fl.dAT	SOL 42 @ 16:00:41 / 280' Layback
				16:22:00 200' Layback
				EOL 42 @ 12:23:20
43		16:25:45	L43 Fl.dAT	SOL 43 @ 16:45:25 / 200' Layback
				/ 280' Layback
				EOL 43 / 16:46:44
44		16:50:13	L44 Fl.dAT	SOL 44 @ 16:50:13 / 280' Layback
				EOL 44 @ 17:14:22 /
45		17:17:20	L45 Fl.dAT	SOL 45 @ 17:17:20 / 280' Layback
				EOL 45 @ 17:40:10
46		17:47:32	L46 Fl.dAT	SOL 46 @ 17:47:32 280' Layback
				EOL 46 @ 18:15:04
		18:18:51	L46 FI.dAT	
47		18:19:30	L47 Fl.dAT	SOL 47 @ 18:19:36 280' Layback
				EOL 47 @ 18:43:31
48		18:47:25	L48 Fl.dAT	SOL 48 @ 18:47 / 25 280' Layback
				EOL @ 19:11:14
49		19:14:40	L49 Fl.dAT	SOL 49 @ 19:14:40 / 280' Layback
				19:35 Hooked Pot
				Haul Fish up
				19:40 Fish Down
				EOL 49 / 19:43:51

JD 314

QMIPS LOG: Cruise JD1-93 Chief Sci Poppe / Lewis

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
50	314	19:47:44	L50f1.dat	SOL 50 @ 19:47:44 / 280' Layback
				EOL 50 @ 20:14:52
51		20:19:00	L51f1.dat	SOL 51 @ 20:19:00 / 280' Layback
				EOL 51 @ 20:46:40
				End of Day

QMIPS LOG: Cruise JD1-93 Chief Sci [redacted] Turnbull

TAPE #6

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
52	315	12:28:42	L52F1.dAT	SOL 52 @ 12:28:42 / 280' Layback
		13:01:10	L52F2.dAT	
				EOL 52 @ 13:01:10
53		13:05:11	L53F1.dAT	SOL 53 @ 13:05:11 / 280' Layback
				EOL 53 13:32:30
		13:34:03	L53F2.dAT	
54		13:35:00	L54F1.dAT	SOL 54 @ 13:35:00 / 280' Layback
→	→	→	→	13:50 - Lost Diff. Beacon Down
				Switched to (LORAN)
				13:55 Switched to
				Standard GPS. Line will
				probably be real screwed up!
		14:07:30	L54F2.dAT	
				EOL 54 @ 14:07:42
				Back on Diff GPS using Portland
55		/	L55F1.dAT	SOL @ 14:14:42 / 280' Layback
				EOL 55 @ 14:39:50
*	→	→	→	Bottom TRACKER not working well
				due to excessive Pitch & Height off
				bottom and Low Backscatter Area.
56		14:42:55	L56F1.dAT	SOL @ 14:42:55 / 280' Layback
				Having Probs with Bottom TRACKER.
				Noise Spikes on Record 15:00:00
		15:15:20	L56F2.dAT	
				EOL 56 @ 15:20:22

QMIPS LOG: Cruise SD1-93 Chief Sci Poppe / Twichell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
57	315	15:40:51	L57Fl.dat	SOL 57 15:40:51 / 100' Layback
				EOL 57 15:49:30
				Edit out @ 15:49 because of ping excessive turning to next Line 1349
58		16:11:02	L58Fl.dat	SOL @ 16:11:02 / 120' Layback
				EOL 58 @ 16:18:50
59		16:21:02	L59Fl.dat	SOL 59 @ 16:21:02 / 130' Layback
				EOL 59 @ 16:28:20
60		16:30:40	L60Fl.dat	SOL 60 @ 16:30:40 / 130' Layback
				EOL 60 16:37:43
New Area				Sea State increasing & choppy Seas!
				↓ Shallow Water Sea clutter on Records!
1B		17:24:50	L1BFl.dat	SOL @ 17:24:50 / 80' Layback
				Readjusting GAINS @ 17:33:00
				"Pee Romeo"
				17:48 GAIN Adjust
				EOL 17:50:20
2B		17:54:52	L2BFl.dat	SOL 2B 17:54:52 / 110' Layback
				EOL 2B 18:25:52
		18:27:22	L2BFl.dat	
3B		18:29:41	L3BFl.dat	SOL 3B @ 18:29:41 / 100' Layback
				EOL 3B @ 18:55:20

JD317

QMIPS LOG: Cruise JD1-13 Chief Sci Tapee

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)	
1	317	13:10:35	L1Fl.dAT	SOL@ 13:10:35 / 80' Laybck	against seas
				13:17:34 - SOL - NAV	
				CABLE unplugged until This	
Minor Gain Adjustments on				Time.	
Line 1 To Fine System for				18:24:00 / 160' Layback	
Grid Area.				EOL1@ 13331O	
2		13:36:20	L2Fl.dAT	SOL 2 13:36:20 / 160' Laybck	with seas
				13:47:00 / 100' Laybck	
				/ 80' Laybck	
				EOL2@ 1400:50	
3		14:04:20	L3Fl.dAT	SOL 3@ 14:04:20 / 80' Laybck	against seas
				/ 160' Laybck	
				EOL 3@ 14:29:50	
4		14:34:50	L4Fl.dAT	SOL 4@ 14:34:59 / 160' Laybck	with seas
				14:52 / 90' Laybck	
				EOL 4@ 14:56.30	
5		14:59:50	L5Fl.dAT	SOL 5@ 14:59:50 / 90' Lay B.	Ag. seas
				15:16:00 / 120' Lay b	
				15:18 - Boat Wake ?	
				15:24 / 160' Laybck	
				EOL 5@ 15:26.10	
6		15:29:10	L6Fl.dAT	SOL@ 15:29:10 / 160' Laybck	w/seas
				15 35:00 / 100' Lay back	
				15:48:20 / 80' Laybck	
				EOL 6 15:50:00	

JD316 weather day

JD 317

QMIPS LOG: Cruise JD 1-93 Chief Sci Peppe Tinnell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
7	317	15:54:00	L7Fl.dat	SOL 7 @ 15:54:00 / 80' Layback A, SPAS
				/ 110' Layback
				15:59:00 Nav System off Line due to Diff. Beacon. STRaight GPS @ 16:00:00 / Bad Nav Point at Approximately 16:04:50
				16:14: / 160' Layback
				EOL 7 @ 16:19:10
8		16:22:50	L8Fl.dat	SOL 8 16:22:50 / 160' Layback W SPAS
				GPS Glitches 16:32 - 16:34 - will
				Try diff. beacon @ Eol.
				100' Layback 16:35:
				EOL 8 @ 16:45:20
				Diff Back on Line
9		16:55:30	L9Fl.dat	SOL 9 @ 16:55:30 / 100' Layback A. SPAS
				17:14:00 / 180' Layback
				EOL 9 @ 17:20:40
10		17:24:10	L10 Fl.dat	SOL 10 @ 17:24:10 / 180° Layback
				EOL 10 (Wrong End Point entered)
				will rerun as 10A. (W SPAS)
				EOL 10 17:34:30
10A		17:34:40	L10AFl.dat	SOL 10A - 17:34:40 / 180' Layback (W SPAS
				EOL 10A @ 17:57:11 / 100' Layback
11		17:59:20	L11 Fl.dat	SOL 11 @ 17:59:36 / 100' Layback A-SPAS
				18:05 / 110' Layback
				18:13 / 160' Layback
				EOL 11 18:20:50

JD 317

QMIPS LOG: Cruise SD1-93 Chief Sci Pappe Tuckell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)	
12	317	18:24:50	L12F1.DAT	SOL12@ 18:29:50 / 160' Layback	W. SEAS
				18:41:00 / 100' Layback	
				18:47: / 80' Layback	
				EOL12@ 18 49:50	
13		18:53:10	L13F1.DAT	SOL 13@ 18:53:10 / 80' Layback	A. SEAS
				19:06:00 / 100' Layback	
				EOL 13 19:14:20	
14		19:18:00	L14F1.DAT	SOL 14@ 19:18:00 / 120' Layback	W. SEAS
				19:35:00 / 100' Layback	
				19:39:50 / 80' Layback	
				EOL 14 19:42:20	
15		19:45:20	L15F1.DAT	SOL 15@ 19:45:20 / 80' Layback	A. SEAS
				19:55:00 / 110' Layback	
				19:59:50 / 160' Layback	
				EOL15@ 2006:40	

JD 318

QMIPS LOG: Cruise JD 1-93 Chief Sci Pepper Twichell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)	
16	318	13:55:10	L16 Fl.dat	SOL 16 @ 13:55:10 / 200' Layback	A. SEAS.
				14:01:00 / 160' Layback	
				14:11:00 / 110' Layback	
				14:18 / 90' Layback	
				EOL16 @ 14:19:10	
17		14:22:10	L17 Fl.dat	SOL17 @ 14:22:10 / 90' Layback	with SEAS
				14:30:00 / 140' Layback	
				14:37:00 180' Layback	
				14:48:00 / 200' Layback	
				EOL17 @ 14:51:50	
18		14:54:20	L18 Fl.dat	SOL 18 @ 14:54:20 / 200 layback	A. SEAS
				15:11:00 / 160' Layback	
Avoided Pots on This Line				15:18:00 / 100' Layback	
				EOL18 15:19:10	
19		15:23:40	L19 Fl.dat	SOL 19 @ 15:23:40 / 100' Layback	W SEAS
				/ 180' Layback	
				200' Layback	
				EOL 19 15:49:40	
20		15:52:00	L20 Fl.dat	SOL 20 @ 15:52:00 / 200' Layback	A SEAS
				/ 140' Layback	
				EOL20 @ 16:15:30	
21		16:18:00	L21 Fl.dat	SOL 21 @ 16:18:00 / 140' Layback	W SEAS
				16:25:20 / 200' Layback	41.0389 73.3067 wreck, NEV
				16:37:00 230' Layback	a scrap on bottom
				EOL 21 @ 16:41:10	

JD318

QMIPS LOG: Cruise JD1-93 Chief Sci Poppe Twitell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)	
22	318	16:43:00	L22 Fl.dat	SOL 22@ 16:43:00 / 230' Layback	A SPAS
				17:01:00 / 160' Layback	
Noise Glitches on Record				EOL 22@ 17:07:30	
23		17:09:50	L23 Fl.dat	SOL 23@ 17:09:50 / 160' Layback	W SPAS
		Noise Glitches on Record		17:25:34 / 230' Layback	
				EOL 23@ 17:31:20	
24		17:33:30	L24 Fl.dat	SOL 24@ 17:33:30 / 230' Layback	A SPAS
				17:54:00 / 160' Layback	
				EOL 24@ 17:58:06	
25		18:00:20	L25 Fl.dat	SOL 25@ 18:00:20 / 180' Layback	W SPAS
				18:02:00 / 200' Layback	
				18:08:00 230' Layback	
				EOL 25 18:22:00	
26		18:23:50	L26 Fl.dat	SOL 26@ 18:23:50 / 230' Layback	A SPAS
		Noise Glitches on Record		18:40 / 280' Layback - Max out	
				18:46 / 180' Layback	
				18:48 210' Layback	
				EOL 26@ 18:49:10	
27		18:52:10	L27 Fl.dat	SOL 27@ 18:52:10 / 210' Layback	Calm
				18:58:00 / 250' Layback	
				EOL 27@ 19:14:00 / 230' Layback	
28		19:16:20	L28 Fl.dat	SOL 28@ 19:16:20 / 230' Layback	Calm
				260' Layback	
				Noise Glitches	

EOL 28@ 19:43:40

JD318

QMIPS LOG: Cruise JD1-93 Chief Sci Poppe Twichell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
29	318	19:46:40	L29 Fl.dAT	SOL 29@19:46:40 / Layback Calm
				Barge in Tow - STBd Side - Parallel down
				Line / Noise Glitches
				EOL 29@2007
30	318	20:10:30	L30 Fl.dAT	SOL 30@20:10:30 / 260' Layback calm
				20:26 / 280' Layback
				Noise Glitches on Record.
				EOL 30@20:39:50
31		20:41:40		SOL 31@20:41:40 / 280 Layback Calm
				Noise Glitches on Record
				20:48 / 255' Layback
				EOL 31@21:06:00
				Equalize on@21:06:10
				for test / EPC Recorder off
				at 21:08:10. Noticed Gain change
				End Test 21:11:00

JD 319

QMIPS LOG: Cruise SD 1-93 Chief Sci Popre / Twichell

*8-Z

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)	
32	319	13:57:30	L32 F1.dAT	SOL 32 @ 13:57:30 / 280' Layback	A SEAS
				EOL 32 14:22:00	
33		14:24:30	L33 F1.dAT	SOL 33 @ 14:24:30 / 280' Layback	W SEAS
Water Depth 132' - Fish = 20 m of bottom. Max Cable out!					
				14:39 Slight Gain Adjust.	
				EOL 33 @ 14 55:40	
34		14:57:20	L34 F1.dAT	SOL 34 @ 14:57:20 / 280' Layback	A SEAS
				EOL 34 @ 15:26:40	
35		15:29:40	L35 F1.dAT	SOL 35 15:29:40 / 280' Layback	W SEAS
Problems with Bottom Lock - Fish high of bottom - W Depth = 156 ft.					
Entire Line in Deep Water					
				EOL 35 @ 1600:30	
		16:01:45	L35 F2.dAT		
36		16:03:32	L36 F1.dAT	SOL @ 16:03:32 / 280' Layback	A SEAS
				Deep Water!	
		16:36:10	L36 F2.dAT		
				EOL 36 @ 16:41:02	
37		16:43:50	L37 F1.dAT	SOL 37 @ 16:43:50 / 280' Layback	W SEAS
				Deep Water 122' / Gain Adjust	
				@ 16:53 - 16:56.	
				Bottom Tracker Not Working	
				Combination Low Backscatter and	
				fish height makes this line suck!	
				EOL @ 17:14:50	

*Note: Several lines have deep water 120'-150'. Fish cannot fly at proper depth. Problems with bottom lock on these lines (Sorry!)

JD319

QMIPS LOG: Cruise SD 1-93 Chief Sci Twichell / Gross

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
	319	17:16:30	L37F2.dat	Turning
38		17:18:30	L38F1.dat	SOL 38 @ 17:18:30 / 280' Layback A SeaS
				Adjusted GAIN to accomodate deep water & fish height off bottom. Bottom TRACker working better. Sea state increasing. "GAIN Adjust 17:40:00
2 Made re-Run				EOL 38 @ 17:51:00
		17:51:30	L38F2.dat	Turning
39		17:55:10	L39F1.dat	SOL 39 @ 17:55:20 / 280' Layback W SeaS
				Bottom TRACker Jitter at SOL & EOL
		18:27:44	L39F2.dat	
				EOL 39 @ 18:31:15 Ping 1560
40		18:33:30	L40F1.dat	SOL 40 @ 18:33:41 / 280' Layback A SeaS
				Ping 2570 Raising Fish @ 18:39:00
				Lobster Pot on Fish - Will redo Line 40.
				EOL 40 @ ? "Circle To 40A" A SeaS
40A		18:53:30	L40AF1.dat	SOL 40A @ 18:53:30 / 280' Layback
		19:27:00	L40AF2.dat	Hit wrong key - oops!!
		19:34:10	L40AF3.dat	"
				EOL 40A @ 19:34:42 Ping 1630
37A		19:39:20	L37AF1.dat	SOL 37A @ 19:39:20
				GAIN Adjust Ping 3300 - Possible Pot on Line Again!!
				Water Depth 121'
				Adjust Bottom Track Ping 9100
				EOL 37A @ 20:07:10 ???

✓ Re Run on 38 - 39 for tomorrow!!

JD 320

* Note Wind NW Tobry. Quartering Seas on Track Lines.

QMIPS LOG: Cruise JD1-93 Chief Sci Poppe Trickell

Lots & Lots of Lobster Pots

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
41	320	13 38 11	L41 Fl.dat	SOL 41 @ 133811 / 280' Layback
				Deep Water 115'-120' Having
				Problem getting deep enough. Lots
				of Lobster Pots making [illegible]
				[illegible] follow suspended buoys.
				EOL @ 14:05:10
42		14:07:50	L42 Fl.dat	SOL 42 14:07:50 / 280' Layback
				EOL 42 14:31:05 Ping 10410
43		14:33:00	L43 Fl.dat	SOL 43 14:33:00 / 280' Layback
				EOL 43 14:58:00 Ping 11360
44		14:59:40	L44 Fl.dat	SOL 44 @ 14:59:40 / 280' Layback
				EOL 44 @ 1523:17 Ping 10500
*				Snagged Pot 15:23:40
			Fish up	Edit Ping 10501 - EOF
45		15:37:00	L45 Fl.dat	SOL 45 @ 15:37:00 / 280' Layback
Lobster Pot City!!				EOL 45 @ 16:04:30 (12400 ping)
46		16:06:20	L46 Fl.dat	SOL 46 @ 16:06:20 / 280' Layback
				EOL 46 @ 10:29:02 Ping 10100
47		16:32:40	L47 Fl.dat	SOL 47 @ 16:32:40 / 280' Layback
				EOL @ 16:56:54 10750
48		16:58:35	L48 Fl.dat	SOL 48 @ 16:58:35 / 280' Layback
				EOL 48 @ 17:21:31 10200 ping
49		17:23:51	L49 Fl.dat	SOL 49 @ 17:23:51 / 280' Layback
				EOL 49 @ 17:49:30 / Ping 11430

JD 320

QMIPS LOG: Cruise JD1-93 Chief Sci Pepper Tindall

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
50	320	17:52:20	L50 fl.dat	SOL 50@ 17:52:20 / 280' Layback
				EOL 50@ 18:09:51 / 7800 ping
51		18:13:00	L51 fl.dat	SOL 51@ 18:13:00 / 280' Layback
				EOL 51 18:30:54 / 8000 ping
52		18:33:21	L52 fl.dat	SOL 51@ 18:33:21 / 280' Layback
				EOL 51@ 18:51:13 8000 ping
53		18:53:00	L53 fl.dat	SOL@ 18:53:00 / 280 Layback
				EOL@ 19:10:52 8000 ping
54		19:13:30	L54 fl.dat	SOL@ 19:13:30 / 280' Layback
				EOL@ 19:33:03 8800 ping
55		19:37:21	L55 fl.dat	SOL@ 19:37:21 / 280' Layback
				EOL@ 19:57:43 6400 ping
56		19:53:54	L56 fl.dat	SOL@ 19:53:54 280 Layback
				EOL 20:10:53 7600 ping
57		20:14:00	L57 fl.dat	SOL 20:14:00 / 280' Layback
				EOL 20:28:20

JD 321

QMIPS LOG: Cruise JD 1-93 Chief Sci Poppe Twichell

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
9A	321	12:50:10	L9A Fl.dat	SOL@12:50:10 / 80' Lag back
				13:05:02 / 110' Lag back
				EOL 9A@ 13:15:30
2A	500 kHz	13:49:52	L2A Fl.dat	SOL 2a@ 13:49:52 / 80' Lag back
				13:56:00 / 100' Lag back
				14:00:00 / 110' Lag back
				EOL 2a@ 14:05:00 14000 ping
		14[illegible]	L2A [illegible]	
3A		14[illegible]	L3A Fl.dat	SOL 3A@ 1409:52 / 110' Lag back
				14:43:00 / 120' Lag back
				14:18: / 80' Lag back
				EOL 14:19:24 - Depth input of line
4A		14:21:10	L4A Fl.dat	SOL 4A@ 14:21:10 / 80' Lag back
				Depth input [illegible] / 100' Lag back / 14:02
		14:34:00		EOL@ 14:34:00
5A		14:37:00	L5A Fl.dat	SOL 5A 14:37:00 / 100' Lag back
				14:44:00 / 80' Lag back
				EOL 5A 14:46:00
6A		15:00:31	L6A Fl.dat	SOL 6A 15:00:31 / 110' Lag back
				15:16:43 / 14539 ping
12A		15:29:02	L12A Fl.dat	SOL 12A 15:29:02 / 110' Lag back
				15:43:10

JD321

QMIPS LOG: Cruise J Leone 1-93 Chief Sci Poppe [illegible]

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
13A	321	15:47:20	L 13A Fl.dat	SOL@ 15:47:20 / 110' Layback
				15:[illegible] / 150' Layback
				EOL@ 16:01:26
22A		16:22:40	L22A [illegible]	SOL@ 16:22:40 / 200' Layback
				16:28:[illegible] / 280 Layback
				Lots of Gain Adjust on
				[illegible] / 230' Layback 16:[illegible]
				EOL@ 16:37:50
23A			L23A [illegible]	SOL@ 16:42:30 / 230' Layback
				16:[illegible]:00 / 275' Layback
				16:53 GAIN Adjust
				EOL 16:56:40
Pipe			Pipe.dat	SOL@ 17:25
				EOL@ 17:41
		↓ Nor walk ↓		
26N		18:44:40	L26N Fl.dat	SOL@ 18:44:40 / 280' Layback
		19:01	L26N F2.dat	19:05 Lobster Pot - Edit out 19:05 - 19:13
Too	Many	Pots!!!		EOL 19:13 EOL
19N		19:21:10	L19N [illegible]	SOL 19N 19:21:10 / 140' Layback
				Gain Adjust 14430 ping
		19:32:20	L19N F2.dat	
				EOL@ 19:46:11
11N		19:46:11	L11N Fl.dat	Includes [illegible]
		19:55	L11N F2.dat	SOL 11@ 19:55 200' Layback
				Gain Adjust 9650 Ping
		20:11:34	L11N F3.dat	20:14 110' Layback

EOL 11N@ 20:14:30 2730 ping

JD 324

QMIPS LOG: Cruise JD1-93 Chief Sci Pepper / [illegible]

Line #	JD	Start / End	Filename	Comments: *(Nav system, observed features, problems, etc.)*
L9N	321	20'16'	L9N Pt.wit	SOL@ 20'16'40 / 110' Layback
				20'23 / 180' Layback
				Gain Adjust 12800 Ping
		20'33'00	L9N Faint	EOL 20'33'00
L7N		20'35'53	L7N Pt.wit	SOL@ 20'35'53
				Gain Adjust 7000 ping
		20'52'11	L7N Faint	
				EOL@ 20'54'20

Area: Inshore Norwalk

QMIPS LOG: Cruise JD1-93 Chief Sci _____

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)	
1	323	~~14:46:50~~	Lisp 1.dat	SOL 1 @ 14:46:50	80' Laybck
				14:54	120' Laybck
				14:57	140' Laybck
				EOL 1 @ 15:02	
2		~~15:05:20~~	Lisp 2.dat	SOL 2 @ 15:05:20	140' Laybck
				15:17:00	100' Laybck
				EOL 2 15:21:34	80' Laybck
3		~~15:26~~	Lisp 3.dat	SOL 3 15:26:00	80' Laybck
				EOL 3 15:32	100' Laybck
3A		~~15:40:06~~	Lisp 3A.dat	SOL 3A 15:40:00	80' Laybck
				15:44:06	120' Laybck
				15:49:01	140' Laybck
				15:52 bad	160' Laybck
				15:56:10	
4			Lisp 4.dat	SOL 4 @ 16:28:00	80' Laybck
				EOL 4 16:32:00	
5		~~16:40:00~~	Lisp 5.dat	SOL 5 @ 16:45:00	80' Laybck
				EOL 5 16:55:00	
6		/	Lisp 6.dat	SOL 6 @ 17:09:50	
				EOL 6 17:19:50	

QMIPS LOG: Cruise JDemo 1-93 Chief Sci _____

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
1	325	14:01	Riv1.dat	SOL1 @ 14:01 (100 KHz)
		14:26:30	Riv2.dat	SOL2 @ 14:26:30 (500 KHz)
		14:43:01	Riv3.dat	
		14:59:00	Riv4.dat	
		15:15:30	Riv5.dat	
		15:31:41	Riv6.dat	
		15:49	Riv7.dat	
		16:04	Riv8.dat	