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COASTAL AND MARINE GEOLOGY PRO
WOODS HOLE FIELD CENTER (WHI
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#105183 MGNM
MEGAN MILLER#99023
Hudson Shelf Valley/
S. Long Island Sound
July 27-Aug 6, 1999
R.Thieler
ISIS LOG
July 27-31, 1999 208/1622-212/1902

ISIS LOG

SHIP AND CRUISE: MGNM 99023

AREA: HSV & S.LI NY

DATES: 26 July 1999 - 31 July 1999

CHIEF SCIENTIST: Thieler

Cruise: 99023 **Chief Scientist:** Robby **Area:** HSV **Page:** 1

Line #	Tape #	JulDay & Date	Time GMT	Filename	Remarks (seismic, nav, problems, etc.)
1	1	208	1344	l1fl.dat	0.250 sec shot;
					SSS gain = 9; gain sub = 18; pwr sub = -6 db
1	1	208	1456		EOL #1, turn NW to run up valley
2	1	208	1458	l2fl.dat	SOL #2
2	1	208	1326	l2f2.dat	Δ file
2	1	208	?	l2f3.dat	Δ file
2	1	208	1708	l2f4.dat	Δ file
2	1	208	1849	l2f4.dat	EOL 2
3	1	208	1849	l3fl.dat	SOL 3
3	1	208	1849		NAV PROBLEM *
4	1	208	1916	l4fl.dat	SOL 4 nav fixed.
			2043		EOL 4
5	1	208	2044	l5fl.dat	SOL 5
			2137		EOL 5
6	1	208	2138	l6fl.dat.	SOL 6
			2300		EOL 6
					change tape
7	2	208	2310	l7fl.dat	SOL 7
		209	0023	l7f2.dat	
			0103	l7f3.dat	
7	2	209	0155	l7f4.dat	Δ file
7	2	209	0234		EOL 7
8	2	209	0234	l8fl.dat	SOL 8
8	2	209			EOL 8
9	2	209	0241	l9fl.dat	SOL 9

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Line #	Tape #	JulDay & Date	Time GMT	Filename	Remarks (seismic, nav, problems, etc.)
9	2	209	0435	l9f1.dat	Crash · No EOF
9	3	209	0446	l9f2.dat	
10	3	209	0500	l10f1.dat	SOL 10
11	3	209	0624	l11f1.dat	SOL 11
	3	209	0804		EOL 11
12	3	209	0823	l12f1.dat	SOL 12
13	3	209	0955	l13f1.dat	SOL 13
14	3	209	1210	l14f1.dat	SOL 14
15	4	209	1435	l15f1.dat	SOL15 Δ tape rec. to hard drive - tape not ready - test to see if HD will buffer
15	4	209	1438	l15f2.dat	~~EOL~~ rec. to hard drive tape ready but had to rename file
15	4	209	1440	l15f3.dat	rec. to tape & lower fish
15	4	209	1610	l15f3.dat	EOL 15
16	4	209	1621	l16f1.dat	SOL 16; begin x-valley grid.
			1703		EOL 16
17	4	209	1713	l17f1.dat	SOL 17
			1847		EOL 17
18	4	209	1852	l18f1.dat	SOL 18
			1917		EOL 18
19	4	209	1922	l19f1.dat	SOL 19
			1946		power down to check tow issue
19	4	209	1947	l19f2.dat	start new file; all OK.
19			2038		EOL 19
20	4	209	2042	l20f1.dat	SOL 20
			2118		EOL 20
21	4	209	2120	l21f1.dat	SOL 21

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Line #	Tape #	JulDay & Date	Time GMT	Filename	Remarks (seismic, nav, problems, etc.)
21	4	209		l21f1.dat	EOL 21
22	4	209	2254	l22f1.dat	SOL 22
22	4	209	2339		EOL 22
23	4	209	2341	l23f1.dat	SOL 23
23	4	210	0105		EOL 23
24	4	210	0112	l24f1.dat	SOL 24
24	4	210	0132		EOL 24 early - bad wx/seas
			END HSV SURVEY		
			BEGIN	SHINNECOCK	SURVEY
25	5	210	1028	l25f1.dat	SOL 25 1050 RT changed the gain & power
26	5	210	1250	l26f1.dat	time is approx ±4 mins CHIRP → to 9db & -9db respective
27	5	210	1454	l27f1.dat	SOL 27
			1518		EOL 27 Bad Weather Wind
28	6	211	0034	l28f1.dat	SOL 28
28	6	211	0040	l28f2.dat	Δfile. f1 has lots gain changes.
					SSS = 12 & 12 ; chirp = 6db gain, -12 pwr
28	6	211	0240		EOL 28
29	6	211	0243	l29f1.dat	SOL 29
29	6	211	0336	l29f2.dat	Δ file reduced gains SSS to 6db
29	6	211	0346	l29f3.dat	Δ file. Δ gains to 9db on SSS
29	6	211	0354	l29f4.dat	Δ file Δ gains to 6db on SSS
30	6	211	0440	l30f1.dat	SOL 30
30	6	211	0502	l30f1.dat	EOL 30 boomer data coming through on chirp record. Turn off voltage turn off power
30	6	211	0504	l30f2.dat	then turn both back on to ~~to~~ get them out of sync.
					did not help the problem - reset trigger worked.

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Line #	Tape #	JulDay & Date	Time GMT	Filename	Remarks (seismic, nav, problems, etc.)
31	6	211	0644	l31f1.dat	SOL 31
32	6	211	0846	l32f1.dat	SOL 32
32	6	211	1041	l32f1.dat	EOL 32 Changing tape
33	7	211	1052	l33f1.dat	SOL 33
33	7	211	~1122	l33f1.dat	SOL 33f1 Pull gear to load Mr Miller in from the side time is ± 2 mins
33	7	211	1145	l33f2.dat	Δfile Jim Miller aboard back online
33	7	211	1221	l33f3.dat	file recording to HD. Maybe NOT this line is
33	8	211	1225	l33f4.dat	Δfile back to tape. We are going FUBAR (we changed the tape and once we get to the end, we'll run again) to run this line again
33a	8	211	1320	l33af1.dat	SOL 33a (recip of 33)
34	8	211	1506	l34f1.dat	SOL 34
34	8	211	1709	l34f1.dat	EOL 34 (note: this file keeps going...)
35	8	211	1726	l35f1.dat	SOL 35
			1727	l35f2.dat	Δfile; Δsubbott pwr to -18db
			1728	l35f2.dat	Δ pwr back to -12db subbott.
35	8	211	1919	l35f3dat	EOL
36	8	211	1922	l36f1.dat	SOL 36
36	8	211	2020		boat stop. to unload passenger
36	8	211	2130	l36f1.dat	EOL 36
37	8	211	2135	l37f1.dat	SOL 37
37			2340		EOL 37
38	8	211	2343	l38f1.dat	SOL 38
38	8	212	0149		EOL 38 (file on E:)
39	9	212	0210	l39f1.dat	SOL 39 (file on E:)
39	9	212	0213	l39f2.dat	file on tape

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Line #	Tape #	JulDay & Date	Time GMT	Filename	Remarks (seismic, nav, problems, etc.)
40	9	212	0416	l40f1.dat	SOL 40
40	9	212	0434	l40f2.dat	This should probably be the SOL 40 b/c everything
					before this pt. is the ship doing a figure 8 while Barry gets the next line pts. straight.
41	9	212	0633	l41f1.dat	SOL 41
42	9	212	0839	l42f1.dat	SOL 42
43	9	212	1046	l43f1.dat	SOL 43
44	10	212	1246	L44A.dat	SOL 44A
45	10	212	1456	l45f1.dat	SOL 45
			1656		EOL 45
46	10	212	1701	l46f1.dat	SOL 46
46	10	212	1902		EOL 46
			END GEOPHYSICS		LEG
			MGNM 99023		