104978

COASTAL AND MARINE SCIENCE AT THE WOODS HOLE FIELD CENTER (WHFC)

384 Woods Hole Rd., Quissett Campus, Woods Hole, MA 02543-1598

SCANLON/ CHAPMAN W. FL SHELFEDGE
GRIMES-NOAA CHAP 97005
MARCH 20-31, 1997
SEISMICS/ISIS LOG

SEISMIC/GEOPHYSICS LOG

SHIP AND CRUISE: R.V Chapman

AREA: W. Florida Shelf Edge

DATES: 3/22/97 JD 81

CHIEF SCIENTIST: Scanlon

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters (SONAR File)	Tape# Disk# (NAV)	Roll#	Magnets Gravity	Comments
SOL 1	081	1540	~260°	~4kn		L1f1.DAT	1	1		SOL 1
		1715								Lost GPS
		1725								Regain GPS
		1725					Start Disk 2			
EOL 1		1756	~260°							EOL 1
SOL 2		1820	80°			L2f1.DAT				SOL2
EOL 2		2035								EOL 2
SOL 3		2050				L3f1.DAT				SOL 3
EOL 3		2254								EOL 3
SOL 4		2310				L4f1.DAT				SOL 4
EOL 4	082	0119								EOL 4
SOL 5		0147				L5f1.DAT				SOL 5
EOL 5		0347								EOL 5
SOL 6		0420				L6f1.DAT				SOL 6
EOL 6		0633								EOL 6
SOL 7		0651				L7F1.DAT	Start Disk 3			SOL 7
EOL 7		0901								EOL 7
SOL 8		0915				L8F1.DAT				SOL 8

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
EOL 8	82	1122				L8F1.DAT				EOL8
SOL 9	82	1138								SOL 9
EOL 9	82	1335				L9 F1. DAT				EOL 9
SOL10	82	1357				L10F1.DAT				SOL10
EOL10	82	1600				L10F1.DAT				EOL 10
SOL 11	82	1606				L11F1.DAT				EOL 11
		1650				Paper out on 3.5				
EOL11	82	1817								EOL 11
SOL 12		1828				L12f1.DAT				SOL12
		1850				L11 f2. Dat				side scan crash - Reboot
* L11f2.DAT should read L12f2.dat, it is 2ND part of L12 after crash										
						Lost 10 min data.				
EOL12		2038								EOL 12
End Disk 3		2140				End Nav Disk #3				
Start Disk 4						Nav Disk 4				
SOL 13		2050				113f1.DAT				SOL 13
		2207				Lost power Start new file 113f2.dat				
EOL 13		2304								EOL 13

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
		2339				28° 59.046 85° 30.946				Location of Wreck
SOL 14	82	2340				L14F1.DAT				SOL 14
* NAV	Not stored	on	disk	4	since	1840				
										CLEANED BOOMER
14	83	0045			4					(CHANGE TO R DRIVE WITH L14F2.DAT)
EOL 14	083	0150								EOL 14
SOL 15		0206				L15F1.DAT				SOL 15
EOL 15		0418								EOL 15
SOL 16		0435				L16F1.DAT				SOL 16
EOL 16		0631								EOL 16
SOL 17		0646				L17F1.DAT				SOL 17
EOL 17		0857								EOL 17
SOL 18		0909				L18F1.DAT				SOL 18
~~EOL~~		0926				ISIS crashed - EOL 18F1				
		0929				ISIS up - SOL 18F2				
						L18F2.DAT				
		0944				ISIS crashed				
		0950				ISIS Backup				
						L18F3.DAT				

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
EOL18	83	1120				L18F3.DAT				EOL18
SOL19		1135				L19F1.DAT				SOL19
EOL19		1347								EOL19
SOL20		1402				L20F1.DAT				SOL20
EOL20		1600				L20F1.DAT				EOL20
SOL21		1621				L21F1.DAT				SOL21
EOL21		1818								EOL21
SOL22		1832				L22F1.DAT				SOL22
EOL22		2043			Stopping to change power supply → seismic					EOL22
SOL23		2112				L23f1.DAT				SOL23
		2121			ISIS CRASH					
		2124				Back online start file L23f2.DAT				
		2131			Parameters set for ISIS → Recording good data					
EOL23		2328								EOL23
SOL24		2344				L24f2.DAT				SOL24
EOL24	084	0154								EOL24
SOL25		0204				L25f1.DAT				
EOL25		0410								EOL25
SOL26		0422				L26f1.DAT				SOL26

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
EOL26	84	0634								EOL26
SOL27	84	0651				L27F1.DAT				SOL27
27	84	0654								ISIS crashed
27	84	0657				L27F2.DAT				ISIS Backup
EOL27	84	0907								EOL27
SOL28	84	0920				L28F1.DAT				SOL28 Area 2
EOL28	84	1008								EOL28
SOL29	84	1026				L29F1.DAT				SOL29
EOL29		1115								EOL29
SOL30		1132								SOL30
EOL30		1216				L30F1.DAT				EOL30
SOL31		1233				L31F1.DAT				SOL31
EOL31		1318								EOL31
SOL32		1335				L32F1.DAT				SOL32
EOL32		1421								EOL32
SOL33		1442				L33F1.DAT				SOL33
EOL33		1543								EOL33
SOL34		1600				L34F1.DAT				SOL34

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
EOL34	084	1644								EOL34
SOL35		1711				L35F1.DAT				SOL35
EOL35		1807								EOL35
SOL36		1818				L36f1.DAT				SOL36
EOL36		1911								EOL36
SOL37		1923				L37f1.DAT				SOL37
EOL37		2017								EOL37
SOL38		2030				L38f1.DAT				SOL38
EOL38		2019								EOL38
SOL39		2133				L39f1.DAT				SOL39
EOL39		2223				L1				EOL39
SOL40		2235				L40f1.DAT				SOL40
EOL40		2325								EOL41
SOL41	0	2340				L41f1.DAT				SOL41
EOL41	085	0025								EOL41
SOL42		0037				L42F1.DAT				SOL42
EOL42		0126								EOL42
SOL43		0204				L43f1.DAT				SOL43 Start AREA 3

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	0	0347				Boomer offline ~ equipt failure				
EOL43		0353								EOL
		0355				Pull out Boomer & side scan for equipt check.				
SOL44		0514				L44f1.DAT				SOL44
EOL44		0704								EOL44
SOL45		0722				L45f1.DAT				SOL45
EOL45		0911								EOL45
SOL46		0928				L46F1.DAT				SOL46
EOL46		1115								EOL46
SOL47		1134				L47F1.DAT				SOL47
EOL47		1320								EOL47
SOL48		1334				L48F1.DAT				SOL48
EOL48		1513								EOL48
SOL49		1528				L49F1.DAT				SOL49
EOL49		1706								EOL49
SOL50		1721				L50F1.DAT				
EOL50		1907								EOL50
SOL51		1917				L51F1.DAT				SOL51

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
EOL51		2108								EOL51
SOL52		2121				L52F1.DAT				SOL52
EOL52		2303								EOL52
SOL53		2320				L53F1.DAT				SOL53
		2342				Slow down to deploy BOOMER				
		2345				back up to speed				
	86	0009				slow down to pull in boomer, → reel in SideScan				
EOL53		0115								EOL53
SOL54		0127								SOL54
		0227				NAV Lock				
EOL54		0317								EOL54
SOL55		0332				L55F1.DAT				SOL55
EOL55		0515								EOL55
SOL56		0526				L56F1.DAT 29 05.451 85 31.775				SOL56 Large School o'fish
EOL56		0714								EOL56
SOL57		0726				Line57.DAT				SOL57
EOL57		0910								EOL57

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
SOL58		0924				LINE58.DAT				SOL 58
EOL58		1102								EOL58
SOL59		1118				L59.DAT				SOL59
EOL59		1309								EOL59
SOL60		1324				L60F1.DAT				SOL60
EOL60		1455								EOL60
SOL61		1511				L61F1.DAT				SOL61
EOL61		1558								EOL61
SOL62		1608				L62F1.DAT				SOL62
EOL62		1847								EOL62
SOL63		1859				L63F1.DAT				SOL63
		1917				ISIS Crash				
		1927				L63F2.DAT				
		1942				ISIS Crash				
		1946				L63F3.DAT				
EOL63		2050								EOL63
SOL64		2100				L64F4.DAT				SOL64
EOL64		2250								EOL65

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
SOL65		2305				L65F1.DAT				SOL65
EOL65	87	0046								EOL65
SOL66		0059				L66F1.DAT				SOL66
EOL66		0251								EOL66
SOL67		0302				L67F1.DAT				SOL67
EOL67		0435								EOL67
SOL68		0455				L68F1.DAT				SOL68
EOL68		0652								EOL68
SOL69		0706				L69F1.DAT				SOL69
EOL69		0845								EOL69
SOL70		0900				L70F1.DAT				SOL70
EOL70		1035				L70F1.DAT				EOL70
SOL71		1043				L71F1.DAT				SOL71
						(TRANSIT) to AREA4				
EOL71		1117								EOL71
SOL72		1117:30				L72F1.DAT				SOL72
EOL72		1430				(L72 extended -				EOL72
						SS not stopped recording				

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
SOL73	1457	087				L73FI.DAT				SOL73
EOL73	1658	↓								EOL73
SOL74	1716					L74FI.DAT				SOL74
EOL74	1915									EOL74
SOL75	1931					L75FI.DAT				SOL75
EOL75	2142									EOL75
SOL76	2155					L76FI.DAT				SOL76
EOL76	0008	JD 088								EOL76
SOL77	0019					L77FI.DAT				SOL77
		↓			28°59.280 85°20.129	Easternmost Hardground Ledge	60m below $			
					28°59.107 85°21.028	Central Ledge	66-68m			
					28°59.039 85°22.033	Western Ledge	74-75m			
~~0234 SOL~~										
EOL77	0234									EOL77
SOL78	0248					L78FI.DAT				SOL78
EOL78	0448									EOL78
SOL79	0500					L79FI.DAT				
EOL79	0633									EOL79FI

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
SOL 79	088	0634				L79F2.DAT				SOL 79
EOL79	↓	0642				L79F2.DAT				EOL79
SOL80		0655				L80F1.DAT				SOL80
EOL80		0827								EOL80
SOL81		0842				L81F1.DAT				SOL81
EOL81		1028				(little off line in				EOL81
						beginning of line)				
SOL82		1043				L82F1.DAT				SOL82
EOL82		1214								EOL82
SOL83		1229								SOL83
EOL83		1447				L83F1.DAT				EOL83
SOL84		1500				L84F1.DAT				SOL84
EOL84		1703								EOL84
SOL85		1716				L85F1.DAT				SOL85
EOL85		1850								EOL85
SOL86		1903				L86F1.DAT				SOL86
EOL86		2308								EOL86
~~SOL87~~		~~2319~~								

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
SOL87	088	2049				L87F1.DAT				SOL87
EOL87		2234								EOL87
SOL88		2252				L88F1.DAT				SOL88
EOL88	89	0042								EOL88
SOL89	89	0053				L89F1.DAT				SOL89
	↓									
EOL89		0250								EOL89
SOL90		0310				L90F1.DAT				SOL90
EOL90		0501								EOL90
SOL91		0511				L91F1.DAT				SOL91
EOL91		0650								EOL91
SOL92	0703	0837				L92F1.DAT				SOL92
EOL92		0837								EOL92
SOL93		843				L93F1.DAT				SOL93
		1025				L93F2.DAT				
EOL93		1153								EOL93
SOL94		1157				L94F1.DAT				SOL94

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
EOL94	089	1254				L94F1.DAT				EOL94
SOL95		1311				L95F1.DAT				SOL95
		1505				L95F2.DAT				
EOL95		1726								EOL95
SOL96		1738				L96F1.DAT				SOL96
EOL96		1835								EOL97
SOL97		1836				L97F1.DAT				SOL97
EOL97		1938								EOL97
SOL98		1938				L98F1.DAT				SOL98
EOL98		2018								EOL98
SOL99		2018				L99.f1.DAT				SOL99
EOL99		2120								EOL99
SOL100		2120				L100f1.DAT				SOL100
EOL100		2255								EOL100
SOL101		2255				L101f1.DAT				SOL101
EOL101		2340								
SOL102		2340				L102f1.DAT				
EOL102	090	0043								EOL102

76 81

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
SOL103	90	0043				L103f1.DAT				SOL 103
					29° 04.898 -85° 30.078					dk patches in seafloor hardground or coarse sed.?
~~EOL103~~ f1		~~0248~~								
		0249				L103f2.DAT				
EOL103		0336								
SOL104		0336				L104f1.DAT				SOL104
						29°12.921 85°35.160				Whoopie grounds
						Lots of Relief				
						29 13.189 085° 36.286				
EOL104		0646								EOL 104
SOL105		0654				L105F1.DAT				SOL 105
EOL105		0722								
SOL106		0729				L106F1.DAT				SOL 106
EOL106		0957								
SOL107		0957				L107F1.DAT				
EOL107		1029								EOL 107