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CRLS 98014

USGS
science for a changing world
COASTAL AND MARINE GEOLOGY PROGRAM
WOODS HOLE FIELD CENTER (WHFC)

384 Woods Hole Road, Woods Hole, MA 02543-1598
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98014nav

NAVIGATION LOG

SHIP AND CRUISE: Corliss 98014

AREA: SW Washington

DATES: 28 Aug. 98 (JD 240) – Sept. 15, 1998

CHIEF SCIENTIST: Dave Twichell

SHIP: Corliss

CRUISE: 98014

DATES: 28 Aug - 15 Sept, 1998

AREA: SW Washington

CHIEF SCIENTIST: Dave Twichell

PERSONNEL/AFFILIATION/FUNCTION

Dave Twichell / USGS / chief Sci
Veeann Cross / USGS / processor
Ken Parolski / USGS / technician
Don O'Hagan / WDFW / Skipper
George Madlux / WDFW / Skipper
Curt Peterson / PSU / scientist
Dave Percy / PSU / scientist
Bev Madlux

NOTE - No offset entered for the bathy.

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
98/8/28	240	14:45 UTC						1	Started recording to disk
		15:52							Leave dock
		16:39							sidemount over side
		1758							NAV reboot
98/8/29	241	18:04						#2	leave dock
		2106							fathometer off standby
		2107	3						SOL L3F1
		2156	3						EOL 3
		2159							ODEM off
		2228							odem ~~off~~ on again
		2229	4						SOL 4
		2328	4						EOL 4
		2329							stopped logging to disk

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
98/8/30	242	1550						#3	U/W From WESTPORT
		2224							nav disk off
98/8/31	243	1640						#4	leave dock
		1655							turn nav disk on
		1804							SOL 5
		1842							EOL 5
		1845							fath on standby
		1909							fathometer back on
		1919							SOL 6
		2013							EOL 6
		2136							SOL 7
		2222							EOL 7
		2223							NAV DISK OFF
98/9/1	244							#5	

NO DRAFT ON G DOM

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
98/9/01	244	2016	8					5	[illegible] LINE 8 START DISK 5
		2039							Bathy on
		2129							EOL 8
		2201	9						SOL 9 bathy on
		2254	9						EOL 9
		2255							nav disk off
98/9/02	245	1619.45						#6	nav disk on
		1738	10						bathy on SOL 10
		1819	10						EOL 10
		1820							bathy on standby 28.8m
98/9/2	245	1854	11			270	3.5		bathy on again SOL 11
		1944	11						EOL 11
		1946							fathometer off
		2255						6	NAV DISK OFF

* THE DRAFT VALUE FOR THE ODOM IS 0.0M

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
98/9/3	246						ENGINE PROBLEMS	#7	START NAV DISK
		1643	12					None	STOP DISK DRIVE TO PORT
98/9/4	247	1602	12					#7	Nav disk on
98/9/4	247	1648	12						SOL 12 - bathy on -
		1737							EOL 12
		1738							bathy on standby
		1817							SOL 13 bathy on
		1902							EOL 13
		1903							bathy - standby 34.4m
		1943							SOL 14
		1944							bathy on
		2030							EOL 14
		2032							bathy off (42.3m)
		2117							NAV OFF
98/9/5	248	1631						#8	Disk on
		1710							Sta 36

2312

END DISK 8
END DAY

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
98/9/6	249	~~1621~~						#9	leave dock ~ 8:30
		1621							nav disk on
		1705							SOL 15
		1754							EOL 15
		1755							Batty on standby 34.8 m
		2044							Batty on ~8.0 m
		2044							SOL 16
		2116							EOL 16
		2123							Batty off
		2217							Disk off
98/9/7	250	1552						#10	Nav disk on
		1700							fathometer on
		1917							nav reboot appeared
									to stop @ ~ 18:48
		1653	L17S1		sparker			seismic	start L17F3 - hopefully this is real data
		1824							EOL 17
		1837	L18S1		boomer				SOL 18

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
	250	1958							EOL 18
		2000	1951	running down river					SOL 19
		2222							EOL 19
		2229						10	NAV DISK off
98/09/08	251	1653						11	Nav disk on
		1702							NAV reboot
		1716				every time we turn on odem - locks up			NAV disk on again
		1737							DISK ON - NO BMA
		1843							DISK ON
		1844							SOL 21
		1919				lots of on offs trying to get odem work			NAV off
		1930							NAV disk on - transitting to next line
		2009							SOL 22
		2024							EOL 22/SOL 23
		2050							EOL 23/SOL 24
		2123							EOL 24
	~	2130						11	Nav disk off

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
98/09/09	252	1530						12	U/W FROM CAPE D
		1555							lost GPS signal, switching to PCODE
		1653							Switch from PCODE to GPS
		1700							NAV DISK ON
		1731							SOL 22551
		1754							lost nav.
		1755							nav back
		1756							nav lost again
		180328							exit NAV to try to get pcode
		1805							pcode up
		1806							NAV disk back on
		1812							EOL 25
		1831							gear in water
		1833							SOL 26
		1857							EOL 26 - Ship ran aground
		1919							DISK OFF BAT/CHECK
		1907							DISK ON

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
98/09/09	252	1957						12	odem on & working
		195840	27	still using plugger					SOL 27 (L27S1
		2139							EOL 27
		2140	28						SOL 28
		2240							EOL 28
		2247							NAV DISK OFF
98/09/10	253	1550						13	Nav disk on
		1727							EOL 29
		2107							Disk off
98/09/11	254	1548						14	Nav disk 14 on
		2239						14	NAV DISK OFF
98/09/12	255	1658						15	NAV disk on
		2033							Nav down
		2047							Nav on again
		2116							EOL 31
		2117							fath off

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
	255	211900						15	NAV DISK off
98/09/13	256	1505						16	Leave dock
	256	1529		sampling.				16	Start nav disk #16
	256	212550						16	NAV DISK OFF
98/09/14	257	1743		sampling				17	NAV DISK ON
	257	214915						17	NAV DISK OFF
98/09/15	258	160610						18	NAV DISK ON
		16:08							Fathometer on
		1724							lost GPS switch to D.GPS
		1728		4641.627	123 56.132				
NAV DOWN		172830		46 41.618	123 56.074				
recording values from Garmin GPS		1729 15		4641.613	123 56.981				
		1730 00		46° 41.623	123° 55.880				
		1730 30		46° 41.635	123° 55.824				
		173100		46° 41.649	123° 55.764				

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
		173130		46° 41.663	123° 55.705				
		173200		46° 41.677	123° 55.649				
		173230		46° 41.691	123° 55.589				
		173300		46° 41.705	123° 55.531				
		173330		46° 41.720	123° 55.473				
		173400		46° 41.735	123° 55.414				
		173430		46° 41.752	123° 55.353				
		173500		46° 41.767	123° 55.297				
		173530		46° 41.783	123° 55.235				
		173600		46° 41.799	123° 55.183				
		173630		46° 41.816	123° 55.123				
		173700		46° 41.834	123° 55.058				
		173730		46° 41.848	123° 55.005				
		173800		46° 41.862	123° 54.949				
		173830		46° 41.875	123° 54.888				
		173900		46° 41.891	123° 54.831				
		173930		46° 41.905	123° 54.770				
		174600		46° 41.919	123° 54.713				

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
		174030		46° 41.934	123° 54.649				
	significant	174100		46° 41.948	123° 54.592				
		174130		46° 41.962	123° 54.533				
		~~174230~~		46° 41.987	123° 54.411				
		174700		46° 42.022	123° 54.270				
		174800		46° 42.047	123° 54.151				
		174830		46° 42.057	123° 54.075				
		1749						19	problems acquiring GPS on PCODE
		1843							EOL L32s2
		~~1856~~ ~1956							SOL L33F1 - SIDESCAN
		2055							EOL 33
		2059						19	NAV DISK OFF

ORIG 10 ms

CAUSES LIGHT ON

BOTH CHANNELS @ SPIKES

SHIFT UP . RECORD