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ESTR 000 30

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COASTAL AND MARINE GEOLOGY PROGRAM
WOODS HOLE FIELD CENTER (WHFC)

384 Woods Hole Road, Woods Hole, MA 02543-1598
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NAVIGATION LOG

SHIP AND CRUISE: R/V ESTERO ESTR 00030

AREA: Columbia River - John Day Reservoir

DATES: 14 Sept - Sept 16-23, 2000

CHIEF SCIENTIST: Dave Twichell

SHIP: ESTERO ESTR

CRUISE: 00030

DATES: Sept 16-23, 2000

AREA: Columbia River - John Day Reservoir

CHIEF SCIENTIST: D. Twichell

PERSONNEL/AFFILIATION/FUNCTION

Dave Twichell - chi Sci
Ken Parolski - Tech
VeeAnn Cross - Data Processor - GIS
Guy Gelfenbaum - PMG - Geologist
Mike Parsley - BRD, Cook, WA - Fisheries Bio
Mindy Sheer - BRD, Cook, WA - GIS expert
Laura Kerr - PMG - sediment sampling

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
20/09/16	260		~~007-1800~~						
			1						SOF 007-1800 - SSS line L1F1 + L1F2
	260	1815	2						~~SOL 2~~
	260	1816					5.1 KT		Start SOL008-1816
		This Nav file covers sidescan files L2F1+L2F2							
		2104	2						KOL 2 KOF 008_1816
		2108	3						SOL3 / SOF 009_2108
		This file contains sidescan files L3F1,							
		2353	3						KOL 3 / KOF 009_2108
		2354	—	WAITING FOR JD CHANGE COURSE/CRASH					SOF 010_2354
		0016							KOF 00_0016

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
00/09/17	261	1922							HEAD WEST FROM ARLINGTON
									JD 260 ISIS RECORDS TIME 1
									NRIS-1 NOW DIFFERENCES
									FROM HYPACK TIME
									HYPACK AND 2 GUST
									TIME SETTINGS ONE
									OF WHIS IS 1 HR OFF
									FROM DLGR TIME
									HYPACK TIME AND
									ISIS TIME NOW SYNCED
		2031	4	SOFILE					039_2031
		2032		SOL 4					SOL 4
		2114							SHUT OFF BATHY TEST)
		2115							BATHY ON
		2206							SLOW DOWN TO 4 KNOTS
		2312							EOFILE / EOL 4

Files

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	~~Longitude~~ W	Course	Speed	Disk#	Comments
00/09/7	261	2320	5						SOF 040_2320
	262								NEW DAY NO CRASH
		0030	5						1SOL5 KOF 040_2320
	262	1614	6		039_1613				039_1613 SOL 6
		163246							Hypack locked up & needed reboot
		163706			039_1637				Hypack back online
		1642	6						[illegible]
		1700	6						FATHOMETER [illegible] AT 1.64 m
		1924	6		039_1637				KOL6 KOF
	262	1928	7		040_1928				SOL7 SOF L7F1, DAT(1515)
		2130	7						EOL 7 - too rough
	263	1746	8		003_1746	Start logging hypack			SOL 8 / SOF
			8		004-1804				KOL 8 KOF
	263		~~9~~						SOL9 / SOF

*ALL NAV DATA will BE NW 1SILE 004-1804

FILE

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	~~Longitude W~~	Course	Speed	Disk#	Comments
991019	263	1920	16		004_1804				SOL 16
		1926	16						ISOL 16
	263	1932	17						SOL 17
		1939	17						ISOL 17
		1942	18						SOL 18
		1949	18						ISOL 18
		1953	19						SOL 19
		2000	19						ISOL 19
		2006	20						SOL 20
		2013	20						ISOL 20
		2017	21						SOL 21
		2026	21						ISOL 21
		2032	22						SOL 22
		2040	22						ISOL 22

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
99/09/19	263				~~204_1804~~				
		2041			204_1804				1500 FILES
		2042			005_2042				
		2045	23		005_2042				SOL 23
		2054	23						EOL 23
		2058	24						SOL 24
		2107	24						EOL 24
		2112	25						SOL 25
			25						EOL 25
			~~26~~						~~SOL 26~~
					NAV LOST				
		2129			003_2129				NAV UP
		2146	26						SOL 26
		2156							EOL 26

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
9/29/00	263	2200	27		003 2129				SOL 27
		2205	27						KOL 27
		2217	28						SOL 28
		2217	28						KOL 28
		2223	29						SOL 29
		2231	29						KOL 29
		2236	30						SOL
		2241	30						KOL
		2246	31						SOL 31
		2251	31						KOL 31
		2258	32						SOL 32
		2307	32						KOL 32

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YrMoDy	JulDy	Time+Zone	Line#	Latitude N	~~Longitude~~ FILK W	Course	Speed	Disk#	Comments
00/19/00	363	2308	—		004 2308				START NEW NAV FILE
		2311	33						SOL 33
		2322	33		003 2320				SOL 33 (NAV/PLASH)
									START NEW FILE
		2327	34						SOL 34
		2338	34						SOL 34
		2343	35						SOL 35
		2353	35						1SOL 35
	364	0002	36						SOL 36
		0012	36						1SOL 36

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	~~Longitude~~ Fils W	Course	Speed	Disk#	Comments
00/09/20	264	1626	37		043_1626				NAV ON
		1630	37						SOL 37
		1713	37		044_1713				NSW NAV FILE
		1748			045_1748				NSW NAV FILE
		1853			046_1853				"
*		1933			047_1933				
				9/21/00	JD	265			
		1907	38		062_1907				SOL 38
		1955			063_1955				LINK 38
		2002							Hypak locked up -
		2003			062_2003				062_2003 logging again
		2009							SOL 38 PULL & SNR

* 2002 KIND LINKS WX PULL & SNR

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
09/03/00	267		39		062_1437				COL 39
		1535							stop loggin nav
		1535			063_1535				start logging
		1645			062_1645				stop logging / start logging
		1745			063_1745				stop logging / start logging
		1819?							NAV CRASH (3RD TIME?)
		1821			062_1821				NAV UP Logging
		1806			062_1806				" CRASH RESTART
		1917	39		062_1806				FOL 39 REBOOT. Computer
		1920	40		064_1920				SOL 40 - START FILES
		2031	40		064 2031				NEW NAV FILE
		2046							NAV lockup had to reboot
		2051			064_2051				
		2144			065-2144				NEW NAV FILE
		2257			064_2257				NEW NAV FILE
		2311.10							NAV locked
		2313			064_2312				NAV backup

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
		2352							STOP LOGGING