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

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NAVIGATION LOG

SHIP AND CRUISE: AST 90-1

AREA: Fishers Island Sound & ELIS

DATES: Sept. 10, 1990

CHIEF SCIENTIST: R. Lewis

SHIP: ASTERIAS

CRUISE: AST 90-1

DATES: Sept. 10, 1990.

AREA: Fishers Island Sound & Eastern LIS

CHIEF SCIENTIST: R. Lewis

PERSONNEL/AFFILIATION/FUNCTION

Note:
this cruise log was recreated from navigation printouts and the seismic records with annotation
by L. Poppe 5/14/01

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
900910		0856	1	41°16.6371	72 4.0475				
		1040	EOL 1	41 18.9077	71 53.4324				
900910		1040	SOL 1	41 19.9077	71 53.4324				
		1129	EOL 2	41 16.8052	71 52.8520				
900910		1129	SOL 3	41 16.8052	71 52.8520				
		1146	EOL 3	41 18.4326	71 53.0416				
900910		1146	SOL 4	41 18.4326	71°53.0416				
		1202	EOL 4	41°17.3346	71 53.3306				
900910		1202	SOL 5	41°17.3346	71 53.3306				
		1213	EOL 5	41 17.9192	71 52.6410				
900910		1213	SOL 6	41 17.9192	71 52.6410				
		1236	EOL 6	41°16.8846	71°51.8654				
900910		1236	SOL 7	41°16.8846	71°51.8654				
		1254	EO 7	41°18.3237	71°51.7773				
900910		1254	SOL 8	41°18.3237	71°51.7773				
		1318	EOL 8	41°17.6520	71°50.9281				
900910		1318	SOL 9	41°17.6520	71°50.9281				
		1344	EOL 9	41°17.4566	71°54.1192				

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
900910	253	1344	SOL10	41°17.4566	71°54.1192				
		1412	EOL10	41°19.4693	71°54.2177				
900910		1412	SOL11	41°19.4693	71°54.2177				
		1441	EOL11	41°17.7094	71°55.3178				
900910		1441	SOL12	41°17.7094	71°55.3178				
		1505	EOL12	41°19.4692	71°55.3848				
900910		1505	SOL13	41°19.4692	71°55.3848				
		1540	EOL13	41°16.9408	71°56.6212				
900910		1540	SOL14	41°16.9408	71°56.6212				
		1619	EOL14	41°19.2705	71°56.6185				
900911	254	0753	SOL15	41°19.3980	71°56.5620				
		0828	EOL15	41°17.0245	71°57.7825				
		0828	SOL16	41°17.0245	71°57.7825				
		0859	EOL16	41°18.9534	71°57.7811				
		0859	SOL17	41°18.9534	71°57.7811				
		0931	EOL17	41°16.7611	71°58.9695				
		0931	SOL18	41°16.7611	71°58.9695				

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
900911	254	0955	EOL18	41°18.3116	71°59.1247				
		0955	SOL19	41°18.3116	71°59.1247				
900911		1026	EOL19	41°16.2160	72°0.2419				
		1026	SOL20	41°16.2160	72°0.2419				
900911		1100	EOL20	41°17.9547	72°0.2628				
		1100	SOL21	41°17.9547	72°0.2628				
900911		1127	EOL21	41°16.7083	72°1.3050				
		1127	SOL22	41°16.7083	72°1.3050				
900911		1256	EOL22	41°18.2332	71°53.2122				
		1256	SOL23	41°18.2332	71°53.2122				
900911		1345	EOL23	41°17.1443	71°53.8452				
		1345	SOL24	41°17.1443	71°53.8452				
900911		1406	EOL24	41°19.2099	71°53.9519				
		1406	SOL25	41°19.2099	71°53.9519				
900911	254	1527	EOL25	41°18.3643	72°0.7279				
900912	255	0811	SOL26	41°18.4360	72°0.7379				
		0906	EOL26	41°13.9620	72°2.5415				

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
900912	255	0906	SOL27	41°13.9620	72° 2.5415				
		1010	EOL27	41°18.7321	72 2.2213				
		1010	SOL28	41°18.7321	72°2.2213				
900912	255	1205	EOL28	41°15.0997	72°4.8373				End Fishers Island Sound
900912	255	1205	SOL7	41°15.0997	72°4.8373				L15 Survey
		1235	EOL7	41°15.8593	72°1.3727				End L15-7 Survey
900912	255	1318	SOL1	41°15.4154	72°10.0309				FAN SURVEY
		1325	EOL1	41°15.7851	72° 9.6963				
		1325	SOL2	41°15.7851	72°9.6963				
		1333	EOL2	41°15.1930	72°10.1340				
		1338	SOL3	41°15.2068	72°9.8794				
		1346	EOL3	41°15.7699	72°10.0398				
		1349	SOL4	41°15.6817	72°10.4202				
		1402	EOL4	41°15.3835	72°9.6619				
		1404	SOL5	41°15.5450	72°9.7202				
900912	255	1410	EOL5	41°15.4177	72°10.3767				

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
900912	255	1414	SOL6	41°15.1243	72°10.2665				FAN SURVEY
		1428	EOL6	41°15.7412	72°9.8106				
		1431	SOL7	41°15.6820	72°9.6303				
		1439	EOL7	41°15.2837	72°10.4435				
		1442	SOL8	41°15.5676	72°10.6303				
		1455	EOL8	41°15.4649	72°9.6792				
		1457	SOL9	41°15.2537	72°9.6952				
		1503	EOL9	41°15.6461	72°10.1486				
		1506	SOL10	41°15.7526	72°9.9120				
900912	255	1514	EOL10	41°15.1740	72°10.1784				End FAN Survey