

DAILY LOG

CRUISE
NUMBER

2002 -
006

INSTITUTE OF OCEAN SCIENCES

OCEAN SCIENCES AND PRODUCTIVITY DIVISION

DATE

13 Feb - 25 Feb 2002

VESSEL

W. E. Ricker

PROJECT

Hake / Euph Acoustics

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2002					Month Feb			Ship Ricker			Cruise I.D. 2002-006			
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
14	Entran. Isl.	MWT	1703	BE	1	49 14.68	123 51.34		405	220				Fish set #1
			1755	EN		49 15.48	123 46.06		405					
14	Entran Isl	CTD	1834	BE	1	49 16.04	123 44.50		404	399		1		Salinity taken at
			1844	BO		49 16.01	123 44.39							CTD - 2.5m
			1850	EN		49 16.02	123 44.43							
15	NHBr	CTD	0533	BE	1	49 12.16	123 54.65		45	41			18	Loc 105.20. EK Calibration
			0535	BO		49 12.16	123 54.66		45	41				CTD Thermal 21.85 F
			0537	EN		49 12.16	123 54.65		45					PDT Feb 14, 2002 21.35 65.07 C
														2002-06-0003. DAT
15	Thrasher	NET	2345	BE	E	49 14.902	123 50.784							Sea Trial - Bongo
15	Thrasher	NET	2359	BE	0	49 14.821	123 51.283							Sea Trial - Tucker
														(Sample discarded)
16	Thrasher	MWT	2029	BE	7	49 12.82	123 36.81		347				18	Fish Set #2
			2053	EN		49 12.53	123 36.30		408					Feb 16, 2002 12:29 - 12:38

Cast type:

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EVENT #
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DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2002					Month 02			Ship R/V			Cruise I.D. 006			
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
16	Thrasher	CTD	2100	BE	7	49° 11.67	123 36.01		331			1	SR	Salinity sample taken
				DO		Aborted due to data error —								at CTD bottom — 2.5m
				EN		*CTD UNIT DEAD*								
16	Thrasher	MWT	2145	BE	8	49 12.17	123 37.86		381					Fishing Set 3
			2207	EN		49 12.47	123 39.23		350					
17	JENK	MWT	1416	BE	9	49 49.072	123 54.282		677				MS	Fishing Set 4 150m
			1437	EN		49 50.723	123 54.083		675					
17	JENK	MWT	1713	BE	10	49 50.830	123 54.157		670				MS	Fishing Set 5 300m
			1805	EN		49 49.566	123 54.439		673					
17	JENK	NET	1822	BE	11	49 49.530	123 54.568		673				MS	Tide Trawl
			1914	EN		49 51.080	123 54.066		673					Mud sample —
														Net 1 destroyed
18	Malapine	MWT	2355	BE	12	49 38.608	124 13.861		350				MS	Fishing Set 6 250m
			0037	EN		49 39.427	124 14.935		350					

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DAILY LOG

Ocean Sciences and Productivity Division

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Year 2002					Month 02			Ship Richer				Cruise I.D. 006		
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
13	Malaspina	NET	0100	BO	13	49 37.581	124 15.332		345	250			SR	Bongo UNH
14	SABINE	MWT	1851	BE	14	49 35.2	124 25.53		345					MWTrawl 175-284 holo set
			1908	EN		49 35.78	124 26.39		349					Time 1031-1108 - Sabine
18	Sabine	NET	1947	BO	15	49 36.184	124 26.924		346	250			KAC	Bongo net
														(excellent tow!)
18	Qualicum	MWT	2012	BE	16	49 25.448	124 25.298		340	320			KAC	MWTrawl 200-320m
			2045	EN		49 25.661	124 25.865		341					
18	Qualicum	MWT	2055	BE	17	49 25.841	124 25.645		335	140			KAC	MWT 100-140m
			2150	EN		49 25.371	124 23.970		346					
19	Qualicum	NET	0001	BO	18	49 25.718	124 23.250		347	250			KAC	Bongo to 250m.
19	Halibut	MWT	2105	BE	19	49 20.898	123 49.07		368	315			KAC	MWT 200-300m
			2150	EN		49 21.071	123 50.071		389					
19	Halibut	MWT	2207	BE	20	49 21.514	123 49.305		388	200			KAC	MWT 200-250
			2245	EN		49 20.740	123 48.210		360					

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Dave Armstrong
DArmstrong@seabird.com

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Ocean Sciences and Productivity Division

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Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments	
18	Halibut	MUT	2107	BE	21	49 21.116	123 48.018		310	134			KE	MUT 120-150m	21
				EN		49 22.026	123 50.063		306						
														Seacat 1294 Unit	
19	Halibut	CTD	0005	BE	22	49 22.321	123 50.765		305	300			KE	CTD #4 to 300m	22
														02-06-22. HEX	
19	Halibut	NET	0022	BO	23	49 22.399	123 50.767		292	250			KE	Bongo to 250	23
19	WG12	CTD	0130	BE	24	49 16.889	123 46.397		405	380			KE	CTD 05	24
														02-06-24. HEX	
19	WG12	NET	0210	BE	25	49 16.939	123 46.382		405	50			KE	Bongo ONH 0-50	25
			0214	EN		49 16.911	123 46.305								
19	WG12	NET	0220	BE	26	49 16.896	123 46.270		405	250			KE	Bongo VNH 0-225	26
				EN											
														02-06-27. HEX	
20	BUTO	CTD	1640	BE	27	50 49.323	124 54.787		380	350			KE	CTD 06	27
														+Salinity at 13m	
20	BUTO	CTD	1915	BE	35	50 31.845	124 57.817		649	600			KE	CTD 07	35

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02-06-35. HEX

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Year 2002					Month 02			Ship Richer			Cruise I.D. 006			
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
20	Bute	NET	1145 1945	BO	1A	50 31.733	124 57.891		649	250			HE	Bongo VNH 0-250
20	Bute	MWT	1215 2015	BE EN	1A	50 31.020	124 58.978		650	258			HE	MWT to 250m
21	Pryce Ch	MWT	0240 0250	BE EN	1A	50 18.305 50 17.840	124 47.398 124 49.395		505 504	326			HE	MWT 220-320m
21	Pryce Ch	CTD	0307	BE EN	1A	50 17.719	124 50.233		503					02-06-31. HEX (4)
21	Pryce Ch	NET	0330	BO	1A	50 17.784	124 50.174		504	250			HE	Bongo VNH 0-250
21	Pryce Ch	NET	0347	BE EN	1A	50 17.790	124 50.183		504	1			HE	Neuston surface
21	Middleton	MWT	1804 1838	BE EN	1E	49 52.857 49 53.493	124 59.429 125 00.504		308 312	262			HE	MWT 200-225m
See '33' on previous page														

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EVENT #
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DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2002					Month Feb			Ship R/V R/V			Cruise I.D. 2002-006			
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
21	Mitlenah	MWT	1853	BE	M7	49 53.301	125 00.178		313	152			KC	MWT 150m
			1936	EN		49 52.328	124 58.850		303					
21	Oyster B	CTD	1947	BE	MV	49 52.310	124 58.349		305	300			KC	CTD ⑤
			2007	EN					304					02-06-37, HEX
21	Oyster B	NET	2015	BO	MA	49 52.494	124 58.512		305	250			KC	Bongo VNH
			2025			49 52.626	124 58.681		305					
22	Cape Lazo	MWT	0050	BE	M9	49 45.668	124 46.265		347	290			KC	MWT #17 200-240
			0112	EN		49 46.082	124 46.843		343					
22	Cape Lazo	CTD	0227	BE	E0	49 45.377	124 47.465		343	300			KC	CTD 300m ⑥
				EN										02-06-40, HEX
22	Cape Lazo	NET	0240	BE	E1	49 45.40	124 47.30		312	250			KC	Bongo VNH 0-250
			0256	EN		49 45.041	124 47.381		312					

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EVENTS

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DAILY LOG

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INSTITUTE OF OCEAN SCIENCES

EVENT
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Year <u>2002</u>					Month <u>02</u>			Ship <u>Richter</u>				Cruise I.D. <u>006</u>			
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments	
22	CPF2	CTD	0509	BE	EV	49 27.989	124 30.086		326	320					(7)
															02-06-42, HEX
22	CPF2	NET	0521	BO	EV	49 28.023	124 30.182		326	250					Bongo VNH
22	Howe	CTD	1432	BE	EE	49 39.446	123 14.277		220	200			HE	CTD 0-200m (8)	
															02-06-44, HEX
22		MWT	1650	BE	EO	49 26.657	123 17.606		243	171			HE	MWT #18 150m	
				EN		49 27.298	123 17.084		245						
22	Howe	CTD	1725	BE	E7	49 27.565	123 16.329		245	240			HE	CTD 0-240m (9)	
			1739	EN											02-06-46, HEX
22	Howe	NET	1737	BE	EV	49 27.545	123 16.399		242	230					Bongo VNH
				EN		49 27.599	123 16.509								

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DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2002					Month 02			Ship R/Vs				Cruise I.D. 006		
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
22	Portier	MWT	2103	BE	EA	49 06.619	123 34.829		230	171				NWT #19 120-170m
			2116	EN		49 06.421	123 34.610		241					
22	Portier	CTD	2140	BE	EG	49 05.974	123 34.475		243	240				CTD 10
			2149	EN										02-06-49. HEX
22	Portier	NET	2152	BE	01	49 06.006	123 34.607		239					Bongo UNH 0-250
			2201	EN		49 06.037	123 34.719							
22	Sandheads	NET	2342	BE	01	49 04.989	123 23.604		224	50				beamish bongo 50-0
			2351	EN		49 05.016	123 23.947							
23	Sandheads	NET	0004	BE	01	49 05.102	123 25.529		285					Beamish Bongo UNH
			0018	EN		49 05.123	123 26.058							225-0
23	Sandheads	CTD	0028	BE	01	49 05.112	123 26.130		292	280				Beamish 1
				EN										02-06-53. HEX

Cast type: BOT = otter cast ROS = Rosette USW = sea water loop Time Code BE = beginning time of cast DE = deployment time
 CTD = CTD NET = net haul BO = bottom time of cast MR = messenger release time
 MOR = mooring DRF = drifter EN = end of cast time RE = recover mooring time

FLIN 1/3 →

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Note: wrong date for events 54, 55, 56 - should be Feb. 23. (UTC)

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year <u>2002</u>					Month <u>02</u>			Ship <u>R/V</u>			Cruise I.D. <u>006</u>				
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments	EVENT#
22	Pt. Grey	CTD	0248	BE	0E	49 17.082	123 29.965		187	175			AC	CTD 175m (2)	54
			0258	EN					193					02-06-54.HEX	
22	Pt. Grey	NET	0310	BE	00	49 17.075	123 30.522		220	50			AC	Bongo ONH 0-50	55
			0315	EN										Beamtr	
22	Pt. Grey	NET	0347	BE	07	49 16.983	123 31.893		270				AC	Bongo ONH 0-250	56
			0400	EN		49 16.946	123 32.481		290					Beamtr	
23	STUART	CTD	1433	BE	0V	49 36.269	123 40.214		69	61			AC	CTD 61m (3)	57
			1435	EN										02-06-57.HEX	
23	Samsun	MWT	1602	BE	0A	48 51.497	123 35.093		184	110			AC	MWT #20 95-110m	58
			1610	EN		48 51.613	123 35.173		200						
23	Samsun	MWT	1635	BE	09	48 51.814	123 35.376		188	157			AC	MWT #21 125-175m	59
			1700	EN		48 52.496	123 35.637		208						

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23	Samsun	CTD	1721	BE	70	48 52.852	123 35.616		205	200			HE	CTD #18 (4)
			1725	EN						206				02-06-60. HEX
23	Samsun	NET	1730	BE	71	48 52.802	123 35.720		205	200			HE	Bongo VNH 0-200
			1738	EN					203					
23	Samsun	MWT	1907	BE	75	48 34.334	123 30.189		223	90			HE	MWT #22 75-90
			1920	EN		48 34.389	123 30.202		220					
23	Samsun	MWT	1941	BE	76	48 34.650	123 30.202		223	144			HE	MWT #23 130-150
			2004	EN		48 35.154	123 30.095		220					
23	Samsun	CTD	2025	BE	78	48 35.790	123 29.885		222	200			HE	CTD #19 (5)
			2035	EN										02-06-64. HEX
23	Samsun	NET	2039	BE	70	48 35.829	123 29.893		222	215			HE	Bong. 0-200
			2050	EN										

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EVENT#
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DAILY LOG

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[illegible]

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#INT#