

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2000					Month April			Ship W.E. Richter				Cruise I.D. 20.2000-004			
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	
01		NET	0350		0001	49 04.28	123 32.79		172	70				Tucker Trawl	
01		CTD	0355		0002	ABORTED			86		0001			CTD001, DAT	
	problems with		newly downloaded			aquisition in both new DOS &		W95	→ went back to old		software			(DOS)	
✓02	2		04:29	BE		49 3.57	123 35.23		172	165	2	CTD	DOWN	EVENT 2, DAT	
			04:34	BO		3.55	35.28						S	on bottom	
			04:35	BO										coming up.	
			04:39	EN		3.51	35.16		182					at surface	
02	3	CTD	0459	BE	0003	49 3.58	123 35.81		133	125				EVENT 3, DAT	
			0502	BO		49 3.54	123 35.78								
			0506	EN		49 3.49	123 35.76								
02	4	CTD	0531	BE	0004	49 5.28	123 32.57		222	215				EVENT 4, DAT	
			0538	BO		49 5.24	123 32.48								
			0544	EN		49 5.24	123 32.42								
02	5	CTD	0625	BE	0005	49 7.64	123 29.24		338	330				EVENT 5, DAT	
			0635	BO		49 7.70	123 29.22								
			0642	EN		49 7.74	123 29.15								

Cast type:

BOT = otter cast

ROS = Rosette

LWS = sea water loop

Time Code

BE = bottom event

Cast type:

BOT = otter cast
CTD = CTD
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NET = net haul
DRF = drifter

USW = sea water loop

Time Code

BE = beginning time of cast
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RE = recover mooring time

Red ink notes added by GIAN JEWELRY after the Cruise (250-756-7167) PBS.

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2		NET	0720		0006	49 7.74	123 29.15		337	335				Closing Net - VBC
2		CTD	0924	BE	0006	49 9.74	123 26.23		258	240				EVENT 6 . DAT
			0930	BO		49 9.81	123 26.16							
			0934	EN		49 9.85	123 26.12							
2		CTD	1015	BE	0007	49 11.82	123 23.17		258	250				EVENT 7 . DAT
			1020	BO		49 11.84	123 23.11							
			1025	EN		49 11.86	123 23.05							
2	STN 6	CTD	1115	BE	0008	49 13.75	123 19.62		182	175				Opps - turned pump
	ON GRD		1119	BO		49 13.76	123 19.66							on at 90 m ↓
			1122	EN		49 13.77	123 19.70							EVENT 8 . DAT
3		NET	00		0009									Halibut Bank
		ABORTED												Trucker Trawl
3	Halibut Bank	CTD	0146	BE	0010	49 13.59	123 48.35		175	170				⇒ Bottle trip at 70 m??
	Stn 1		0151	BO		49 13.59	123 48.35							EVENT 10 . DAT
			0156	EN		49 13.58	123 48.35							

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Year 2000					Month 04			Ship W.E. Fisher				Cruise I.D. 2000-004		
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03	Halibut BK	CTD	0228	BE	0011	49 16.12	123 46.20		405	400				EVENT 11. DAT
	Grid		0238	BO		49 16.15	123 46.19							
	Stn 2		0246	EN		49 16.23	123 46.24							
03	Halibut	CTD	0442	BE	0012	49 18.90	123 44.00		305	300				EVENT 12. DAT
	BK Grid		0448	BO		49 18.87	123 44.01							
	Stn 3		0453	EN		49 18.93	123 44.03							
03	Halibut	CTD	0527	BE	0013	49 21.50	123 41.67		203	195				EVENT 13. DAT
	BK Grid		0532	BO		49 21.43	123 41.65							
	Stn 4		0536	EN		49 21.41	123 41.64							
03	Halibut	CTD	0606	BE	0014	49 24.03	123 39.68		154	150				EVENT 14. DAT
	BK Grid		0612	BO		49 24.08	123 39.69							
	Stn 5		0614	EN		49 24.05	123 39.58							
04		CTD	0031	BE	0015	49 16.41	123 51.70		413	400				EVENT 15. DAT
			0041	BO		49 16.50	123 51.57							
			0051	EN		49 16.53	123 51.51							

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✓ indicate position matches with Seaplot

Event 20 CTD / Se/M/Rg

→ Middle of Se/M/Rg sample taken at 47m above top frame bar of CTD unit.

→ ATSD with log sample here

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04		NET	0102		0016	49	16.53	123	51.51		413	120				Tucker Trawl
			(1100-1101Z L)				16.39		52.62 to 52.12			135 m				Ken's Tackler 3
04		NET	1949		0017	49	21.87	123	56.60		357	150				Tucker Trawl
			1148 L				16.1 to 16.86		52.82 to 52.45							Ken's Tackler 4
04		CTD	2019	BE	0018	49	21.87 (1.81)	123	56.60 (1.67)		357	345				EVENT 18.DAT
		(1223) L	2028	BO		49	21.76	123	56.74							
			2035	EN		49	21.71	123	56.81							
05		NET	1711		0019	50	32.216	124	58.925		648	130				Tucker Trawl
05		CTD	1807	BE	0020	50	31.20	124	59.51		640	640				Salinity taken
			1825	BO		50	31.06	124	59.50							~639m.
			1841	EN		50	30.92	124	59.43							SEE NOTES ←
06		CTD	1534	BE	0021	49	52.28	125	04.36		91	35				
			1539	BO		49	52.31	125	04.37							
			1541	EN		49	52.32	125	4.43							
06		NET	1632		0022	49	53.365	125	02.07		295	200				Tucker Trawl

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Highlighted numbers

from Sea Plot for comparison

Ken's Seaplot logs stayed in PST until end of first leg. Local time changed 11th April 2000

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Year	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
06		CTD	1709	BE	0023	49 53.80	125 03.05		173	160				
			1717	BO		49 53.80	125 03.18							
			1721	EN		49 53.79	125 03.24							
06	0122	CTD	2305	BE	0024	49 45.46	124 46.82		336	330				
			2315	BO		49 45.50	124 46.82							
			2320	EN		49 45.52	124 46.83							
07	1540	NET	0040	2343?	0025	49 45.52	124 46.83		336	200				Tucker Trawl
07	1723L	NET	0123	0021?	0026	49 45.52	124 46.83		336	200				Bongo ONH 1723 L
07	1910L	CTD	0310	BE	0027	49 43.77	124 51.16		60	55				1910 L
			0312	BO		49 43.76	124 51.16							
			0314	EN		49 43.75	124 51.15							
07	1945L	CTD	0345	BE	0028	49 46.04	124 48.72		295	290				1945 L
			0352	BO		49 46.06	124 48.83							
			0358	EN		49 46.06	124 14.34							

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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
07		CTD	04:25	BE	0029	49 48.48	124 16.80		256	250			AMS	
			0432	BO		49 48.48	124 17.11							
			0436	EN		49 48.47	124 46.11							
07		CTD	05:06	BE	0030	49 50.88	124 43.74		156	150		loop	MS?	Loop Salinity taken #
			05:10	BO		49 50.88	124 43.80							0516 UTC / 1016 PDT
			05:14	EN		49 50.89	124 43.79							
07		NET	0718		0031	49 45.52	124 46.83		336	200				Bonga ONH
07		NET	0750		0032	49 45.52	124 46.83		336	200				Tucker Trawl
07	CPF2	NET	2255		0033	49 27.71	124 29.74		325	300				COPRA Bonga ONH
08		CTD	0313	BE	0034	49 24.85	124 32.73		137	130				
			0318	BO		49 24.90	124 32.74							
			0321	EN		49 24.91	124 32.74							

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08	CPF2	CTD	0352	BE	0035	49 27.81	124 29.85		330	320				COPRA
			0401	BO		49 27.79	124 29.77					loop		Loop #3 2108 PMS
			0407	EN		49 27.71	124 29.74							
08	CPF 2	NET	0425		0036	49' 27.71	124 29.74		325	250				COPRA Bango ONH
08		CTD	0518	BE	0037	49 30.36	124 27.67		189	183			AMS	
			0522	BO		49 30.36	124 27.66							
			0526	EN		49 30.36	124 27.65							
09	Hotheam	NET	0235		0038	49 47.78	124 02.56		675	650				Bango ONH
09	Hotheam	NET	0304		0039	49 47.78	124 02.56		675	140				Tucker Trawl
09	Hotheam	CTD	0406	BE	0040	49 47.78	124 02.56		678	670		loop		loop #4, 0408
			0421	BO		49 47.79	124 02.66					bottle		
			0437	EN		49 47.78	124 02.85							
09	Hotheam	NET	0500		0041	49 47.78	124 02.80		670	140				Tucker Trawl

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09		CTD	1824		0042	49 36.46	124 05.45		236	230				1st CTD after H
			1833			49 36.36	124 05.44							fell over last night
			1838			49 36.31	124 05.43							all data still working
09		CTD	1928		0043	49 32.98	124 09.55		156	145				
			1933			49 32.95	124 09.42							
			1936			49 32.94	124 09.38							
09		CTD	1953		0044	49 34.21	124 08.13		360	350				
			2002			49 34.16	124 07.94							
			2009			49 34.10	124 07.83							
09		NET	2310		0045	49 34.10	124 07.83		360	200				Tucker Trawl
09		NET	2345		0046	49 34.10	124 07.83		360	150				Tucker Trawl
16	CPF1	CTD	0119	BE	0047	49 22.00	124 04.94		241	230				COPRA
			0126	BO		49 22.01	124 04.85							
			0132	EN		49 22.01	124 04.77							

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Year					Month	Ship							Cruise I.D.		
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	
10	CPF1	NET	0148		0048	49 22.01	124 04.77		241	230				Bongo ONH COPRA	
10	DFO1	CTD	0425	BE	0049	49 15.71	123 47.14		407	400					
			0434	BO		49 15.73	123 47.05								
			0442	EN		49 15.73	123 47.01								
10	HOWE	CTD	1540	BE	0050	49 36.69	123 14.42		276	270				Have sound-	
			1551	BO		49 36.57	123 14.42							Loop sample #5	
			1557	EN		49 36.51	123 14.43							(1705 UTC) 0905 Local.	
10	Howe	NET	1624		0051	49 36.51	123 14.43		276	125				Tucker Trawl	
11	Halibut	CTD	1554	BE	0052	49 20.01	123 39.60		240	230					
			1601	BO		49 19.96	123 39.58								
			1606	EN		49 19.92	123 39.57								
11	Halibut	NET	1613		0053	49 19.92	123 39.57		240	180				Tucker Trawl	

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* Using win 95 version of Seascan

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Year 2000					Month 04			Ship Richey				Cruise I.D. 2000-004		
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	Saanich	CTD	2003	BE	0054	48 36.365	123 30.094		220	210				no floors reading?
			2009	BO										anoxic ~ 100m
			2013	EN										Loop #6
16	Saanich	NET	2030		0055	48 36.37	123 30.09		220	105				Tucker Trawl
17		CTD	0119	BE	0056	48 53.316	123 16.531		103	100				No H+EA data?
			0120	BO										
			0124	EN										
17		CTD	0151	BE	0057	48 55.176	123 13.356		139	130				
			0155	BO										
			0157	EN										
17		CTD	0225	BE	0058	48 57.085	123 11.052		113	110				
			0230	BO										
			0232	EN										

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17		CTD	0253	BE	0059	43 58.893	123 08.426		102	95				
			0303	BO										
			0305	EN										
17		CTD	1909	BE	0060	50 08.228	124 46.179		499	495				
			1919	BO										
			1927	EN										
17		NET	1942		0061	50 08.228	124 46.179		499	170				Tucker Trawl
18	Toba	CTD	0125	BE	0062	50 24.704	124 38.262		478	472				Seima. Sample at 470m
			0135	BO										
			0146	EN										Loop as well #7
18	Knight	CTD	1750	BE	0063	50 41.210	125 52.379		355	350				
			1759	BO										
			1806	EN										
18	Knight	NET	1811		0064	50 41.21	125 52.88		355	190				Tucker Trawl

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[illegible]

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