

DAILY LOG BOOK

MISSION
NUMBER

2004-019/028

DATE:

From: 20 July

to: 15 August

VESSEL:

W.E. RICKER

PROJECT:

INSTITUTE OF OCEAN SCIENCES
OCEAN SCIENCES AND PRODUCTIVITY DIVISION
SIDNEY, BC, CANADA

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Month <u>AUGUST</u>				Year <u>2004</u>			Ship <u>RICKER</u>				Cruise ID <u>2004-028</u>				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Position		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch keepers	Trans. cleaned	Comments
							Latitude	Longitude							
3	FKCAL1	0132	BE	CTD		0043	50 44.221	127 28.327	38	35					@ anchor
		0134	BO				50 44.221	127 28.327							* may have an error!
		0135	EN				50 44.221	127 28.327							
4	CTD 1	1325	BE	CTD		0045	51 38.564	128 33.507	157	152					
		1329	BO				51 38.484	128 33.492							
		1333	EN				51 38.526	128 33.571							
4	CTD 2	1631	BE	CTD		0047	51 25.739	129 06.808	95	94					
		1633	BO				51 25.720	129 06.835							
		1635	EN				51 25.704	129 06.834							
4	CTD 3	0313	BE	CTD		0049	51 49.143	130 44.750	280	275					
		0318	BO				51 49.144	130 44.743							
		0323	EN				51 49.139	130 44.749							
5	CTD 4	1416	BE	CTD		0051	52 59.135	132 27.315	170	165					
		1419	BO				52 59.163	132 27.259							
		1422	EN				52 59.177	132 27.256							

Cast type:

BOT = bottle cast, no CTD
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USW = sea water loop

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bottle firing method:

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Transmissometer to be cleaned for each cast, do not use Ammonia products

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Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Month <u>August</u>		Year <u>2004</u>		Ship <u>WE Ricker</u>		Cruise ID <u>2004-028</u>									
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Position		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch keepers	Trans. cleaned	Comments
							Latitude	Longitude							
5	CTD 5	0418	BE	CTD		0053	53 55120	133 19 606	50	45					
		0419	BO				53 55120	133 19 605							
		0420	EN				53 55124	133 19 602							
6	CTD 6	1259	BE	CTD		0055	53 35 048	123 19 533	51	45					
		1301	BO				53 35 048	133 19 533							
		1302	EN				53 35 048	133 19 533							
6	CTD 7	0120	BE	CTD		0057	54 16 155	132 39 587	213	210					
		0123	BO				54 16 166	132 39 597							
		0126	EN				54 16 189	132 39 608							
7	CTD 8	1256	BE	CTD		0059	54 07 121	132 32 524	38	35					
		1258	BO				54 07 121	132 32 524							
		1259	EN				54 07 121	132 32 524							
7	CTD 9	1842	BE	CTD		0061	54 09 780	132 04 195	38	35					
		1843	BO				54 09 762	132 04 174							
		1844	EN				54 09 762	132 04 171							

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Month <u>August</u>				Year <u>2004</u>			Ship <u>WE Ricker</u>				Cruise ID <u>2004-28</u>				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Position		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch keepers	Trans. cleaned	Comments
							Latitude	Longitude							
7	CTD 10	20 21	BE	CTD		0063	54 10 606	132 03 445	78	73					
		20 22	BO				54 10 603	132 03 435							
		20 23	EN				54 10 600	132 03 430							
7	CTD 11	01 58	BE	CTD		0065	54 19 318	131 21 362	140	135					
		02 00	BO				54 19 330	131 21 374							
		02 03	EN				54 19 337	131 21 380							
8	CTD 12	13 58	BE	CTD		0067	52 55 957	129 55 828	216	211					
		14 02	BO				52 55 934	129 55 765							
		14 05	EN				52 55 961	129 55 753							
8	CTD 13	17 05	BE	CTD		0069	53 04 322	130 10 368	205	200					
		17 09	BO				53 04 257	130 10 324							
		17 12	EN				53 04 237	130 10 341							
9	CTD 14	13 31	BE	CTD		0071	53 38 121	130 40 543	88	83					
		13 33	BO				53 38 121	130 40 543							
		13 35	EN				53 38 121	130 40 543							

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							Latitude	Longitude							
9	CTD 15	0554	BE	CTD		0073	53 39 528	130 46 655	81	76					
		0557	BO				53 39 519	130 46 647							
		0558	EN				53 39 512	130 46 643							
9	CTD 16	0831	BE	CTD		0075	53 50 837	130 57 619	66	61					
		0832	BO				53 50 832	130 57 626							
		0833	EN				53 50 828	130 57 639							
9	CTD 17	1003	BE	CTD		0077	53 50 970	130 49 259	90	85					
		1005	BO				53 50 966	130 49 259							
		1007	EN				53 50 969	130 49 281							
9	CTD 18	1340	BE	CTD		0079	53 58 097	131 05 088	72	68					
		1341	BO				53 58 096	131 05 093							
		1342	EN				53 58 095	131 05 107							
10	CTD 19	0143	BE	CTD		0081	54 01 959	131 05 160	66	61					
		0145	BO				54 01 963	131 05 197							
		0146	EN				54 01 968	131 05 210							

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							Latitude	Longitude							
10	CTD 20	07 44	BE	CTD		0083	54 18 189	131 04 222	112	107					
		07 46	BO				54 18 200	131 04 199							
		07 48	EN				54 18 191	131 04 226							
10	CTD 21	11 49	BE	CTD		0085	54 22 440	131 01 143	51	46					
		11 50	BO				54 22 454	131 01 121							
		11 51	EN				54 22 457	131 01 120							
11	CTD 22	01 45	BE	CTD		0087	54 38 293	130 58 164	348	345					
		01 52	BO				54 38 293	130 58 164							
		02 00	EN				54 38 324	130 58 068							
11	CTD 23	08 34	BE	CTD		0089	54 23 188	131 18 217	160	155					
		08 37	BO				54 23 186	131 18 236							
		08 40	EN				54 23 185	131 18 254							
11	CTD 24	13 55	BE	CTD		0091	54 10 887	131 03 296	100	95					
		13 57	BO				54 10 887	131 03 290							
		13 59	EN				54 10 892	131 03 285							

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							Latitude	Longitude							
12	CTD 25	01 46	BE	CTD		0093	53 26 391	131 03 759	41	39					
		01 47	BO				53 26 396	131 03 803							
		01 48	EN				53 26 394	131 03 827							
12	CTD 26	06 48	BE	CTD		0095	53 19 343	130 57 316	89	85					
		06 50	BO				53 19 335	130 57 332							
		06 52	EN				53 19 334	130 57 359							
12	CTD 27	11 27	BE	CTD		0097	53 9 398	130 55 617	80	75					
		11 28	BO				53 9 403	130 55 607							
		11 30	EN				53 9 406	130 55 596							
13	CTD 28	01 42	BE	CTD		0099	53 01 523	130 50 107	69	65					
		01 43	BO				53 01 534	130 50 115							
		01 45	EN				53 01 538	130 50 116							
13	CTD 29	04 43	BE	CTD		0101	52 57 689	130 37 894	95	90					
		04 45	BO				52 57 688	130 37 873							
		04 47	EN				52 57 689	130 37 880							

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							Latitude	Longitude							
14	CTD 30	01 44	BE	CTD		0103	53 4 642	130 36 412	118	115					
		01 46	BO				53 4 607	130 36 438							
		01 48	EN				53 4 601	130 36 444							
15	CTD 31	01 44	BE	CTD		0105	51 47 458	129 18 740	122	117					
		01 47	BO				51 47 423	129 18 672							
		01 49	EN				51 47 49	129 18 661							
15	CTD 32	04 13	BE	CTD		0107	51 46 161	129 25 400	112	107					
		04 15	BO				51 46 161	129 25 343							
		04 17	EN				51 46 156	129 25 327							
15	CTD 33	09 26	BE	CTD		0109	51 25 759	129 13 286	91	86					- glitch @ 55m going down
		09 28	BO				51 25 757	129 13 272							
		09 30	EN				51 25 743	129 13 253							

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