

DAILY LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month		Year		Ship		Cruise ID									
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							
10	Depart Alert Bay for Minstrel Island -														rough Seas - 10:00 - 1545
11	CLIO	0926	BE	CTD	1	001	50 36.31	126 21.25	180'	50					CLIO FARM
		0936	BE	NET	1	002	50 36.35	126 21.20	70	50@70	1 SAL ?	WHAT	HAPPENED	SAME	FOR POISSES
		0942	EN				36.46	21.01			7.0°C				
		0954	BE	NET	2	003	50 36.35	126 21.22	70	1.5	1 SAL				
		1005	EN				36.25	22.03			7.0°C				
	BAT	1034	BE	NET	3	004	50 37.786	126 21.791	91	1.5	1 SAL				RATT BLUFF
		1044	EN				37.44	20.50			6.9°C				
	L3E	1052	EN	CTD	2	005	50 37.786	126 21.191	201'	50					LINE 3 E→A
	L3D	1103	EN	CTD	3	006	50 38.297	126 21.17	787'	50					
	L3C	1115	EN	CTD	4	007	50 38.297	126 21.258	640'	50					
	L3B	1123	EN	CTD	5	008	50 38.515	126 21.281	620'	50					
	L3A	1138	EN	CTD	6	009	50 38.723	126 21.244	218'	50					
	DOC IS	1237	EN	CTD	7	010	50 39.180	126 16.933	181'	35					DOCTOR ISLETS FARM
		1238	BE	NET	4	010	50	126	59	1.5	1 SAL				
		1253	EN				50 39.08	126 17.26			6.8°C				
	MON P	1310	BE	NET	5	011	50 38.28	126 12.48	35	1.5	1 SAL				MONTAGU POINT
			EN				38.18	12.37			7.0°C				

Cast type:

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30 June 2006

<http://pac02538/waterproperties/cruises/CTDlogbook.doc>

ALL IN METRIC UNLESS STATED OTHERWISE

4 1/2 BOTTOM / 14 FEET

NET + CTD SAME NUMBER

CTD - CLOCK OFF BY 1 HR DUE TO TIME CHANGE
SLOW

CON FILE 13013

SBE 19 PLUS

SERIAL # 5299

DAILY LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month <u>MARCH</u>				Year <u>2008</u>			Ship <u>PRINCETON</u>				Cruise ID <u>2008-18</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							
11	KN2	1322	BE	CTD	5	012	50 39.324	126 10.991	600'	170	1 SAL CAL				KNIGHT NET 2
	PRT Pt	1344	BE	NET	6	013	50 38.48	126 09.49	20	1.5	1 SAL				PROTECTION PT
		1355	EN				38.40	09.43			7.1°C				NET CLOGGED 1 R HAU
		1345	BE	CTD	9	014	50 38.872	126 09.831	91'	25					
	L2G	1425	BE	CTD	10	015	38.93	06.074	169'	50					LINE 2 G → A
	OPP SHEL	1507	BE	NET	7	016	50 38.55	126 05.46	30	1.5	1 SAL				OPPOSITE SHELTERLESS PT
		1518	EN				38.58	05.20			6.8°C				
	L2F	1510	BE	CTD	11	017	50 39.079	126 06.194	625'	50					
	L2E	1519	BE	CTD	12	018	50 39.255	126 06.303	605'	50					
	L2D	1531	BE	CTD	13	019	50 39.614	126 06.575	575'	50					
	L2C	1542	BE	CTD	14	020	50 39.962	126 06.706	580'	50					
	PROM Pt	1548	BE	NET	8	021	50 40.02	126 0.45	38	1.5	1 SAL				PROMINENT POINT
		1600	EN				40.05	0.13			6.9°C				1 R HAU
	L2B	1551	BE	CTD	15	022	50 40.114	126 06.865	640'	50					
	L2A	1600	BE	CTD	16	023	50 40.279	126 06.964	174'	50					
	KN3	1624	BE	CTD	17	024	50 40.119	126 03.918	640	50					

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Ocean Sciences Division, Institute of Ocean Sciences

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Month			MARCH		Year		2008		Ship			PRINCETON		Cruise ID			2008-18	
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							Latitude	Longitude										
12	GLAN	0914	BE	NET	9	25	50 40.14	125 44.04	10	1.5	1 SAL				GLENDAL COVE			
		0929	EN				40.15	43.47			3.7°C				PAIR HAMU			
	MAC R	0926	BE	CTD	18	26	50 41.293	125 44.207	172'	50					MACDONALD PY.			
		0945	BE	NET	10	27	50 41.08	125 44.17	21	1.5	1 SAL							
		0956	EN				40.57	44.13			6.8°C							
	KN 5	0948	BE	CTD	19	28	50 41.597	125 47.027	950'	320	1 SAL CAL				KNIGHT INLET			
	TOM 13	1017	BE	NET	11	29	50 40.51	125 49.36	26	1.5	1 SAL				TOMARSTUM IS			
		1029	EN				41.01	49.22			5.9°C				PAIR HAMU			
	L1 G	1034	BE	CTD	20	30	50 40.910	125 50.710	756'	50					LINE 1 G-7A			
	L1 F	1043	BE	CTD	21	31	50 41.048	125 50.626	870'	50								
	MAT 3	1044	BE	NET	12	32	50 42.10	125 49.17	35	1.5	1 SAL				MATSUI CR			
		1055	EN				42.12	49.35			4.2°C							
	L1 E	1052	BE	CTD	22	33	50 41.216	125 50.669		50								
	D	1102	BE	CTD	23	34	50 41.505	125 50.644	900'	200					LINE 1			
	C	1120	BE	CTD	24	35	50 41.816	125 50.663	825'	50								
	B	1129	BE	CTD	25	36	50 41.969	125 50.669	640'	50								
	A	1137	BE	CTD	26	37	50 42.082	125 50.647		50								
	KN 4	1218	BE	CTD	27	38	50 40.910	125 56.211	980'	335					KNIGHT INLET			

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MARCH			2008			PRINCE TON			2008-18						
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							Latitude	Longitude							
12	HH	1258	BE	NET	13	39	50 41.16	125 58.24		1.5	1 SAL				HOEYA HEAD
		1310	EN				41.23	58.46			7.0°C				
	HH	1310	BE	CTD	28	40	50 41.315	125 58.780	143'	40					
	SHEL	1332	BE	NET	14	41	50 40.49	126 04.14	37	1.5	1 SAL				SHELTERLESS PT
		1343	EN				40.45	04.36			7.2°C				
	SPE	1412	BE	NET	15	42	50 40.18	126 11.10	51	1.5	1 SAL				SARGEANT PASS FARM
		1424	EN				40.33	11.18			7.4°C				
	SP	1433	BE	CTD	29	43	50 40.60	126 11.506	212'	50					
	SPN	1438	BE	NET	16	44	50 41.06	126 11.45	46	1.5	1 SAL				N. SGT PASS
		1449	EN				41.11	12.02			7.3°C				1 PAIR MANU
	OPP SP	1502	BE	NET	17	45	50 40.32	126 11.49	15	1.5	1 SAL				OPPOSITE SGT. P. FARM
		1513	EN				40.21	11.43			7.4°C				
	TRC 1	1510	BE	CTD	30	46	50 43.586	126 10.910	972'	310	1 SALCAL				TRIBUNE CHANNEL
	VI 15	1535	BE	NET	18	47	50 41.08	126 13.26			1 SAL				VISCOUNT ISLAND
		1546	EN				41.23	13.31			7.8°C				
	OPP PUM	1547	BE	CTD	31	48	50 43.499	126 13.248	240'	50					OPPOSITE PUMSH PT
	HRE	1619	BE	NET	19	49	50 41.54	126 15.16	14	1.5	1 SAL				HUMPHREY ROCK FARM
		1630	EN				41.47	15.30			7.1°C				
	HRE	1620	BE	CTD	32	50	50 41.715	126 15.267	407'	50					

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							Latitude	Longitude										
12	HUM R	1632	BE	CTD	33	51	50 41.195	126 15.212	520'	50					HUMPHREY ROCK			
	HRE S	1641	BE	NET	26	52	50 41.45	126 15.48	10	1.5	1 SAL				SOUTH HRF			
		1652	EN				41.04	15.43			7.0°C							
	TRCO.S	1643	BE	CTD	34	53	50 40.801	126 14.579	520'	160					TRIBUNE CHANNEL			
13	OPP PUM	1002	BE	NET	21	54	50 43.40	126 11.38		1.5	1 SAL				OPPOSITE PUMISH			
		1013	EN				43.36	11.55			6.6°C							
	PUM	1010	BE	CTD	35	55	50 43.049	126 11.334		50					PUMISH PT			
	CLEAVE	1035	BE	CTD	36	56	50 44.588	126 07.541	141'	48					CLEAVE			
	PUM	1036	BE	NET	22	57	50 42.52	126 11.27		1.5	1 SAL							
		1047	EN				43.02	11.14			6.9°C							
	TRAF	1054	BE	CTD	37	58	50 45.416	126 09.356	146'	30					TRAFFORD PT			
	TRCIX	1062	BE	CTD	38	59	50 45.622	126 09.054	717'	200					TRIBUNE CHANNEL			
	CLEAVE	1107	BE	NET	23	60	50 45.09	126 06.47		1.5	1 SAL							
		1118	EN				45.19	06.38			6.6°C							
	LON	1133	BE	CTD	39	61	50 46.119	126 07.270	49'	12	SURFACE	TETHERED CAST			LONDON PT			
	LON	1134	BE	NET	24	62	50 46.08	126 07.04		1.5	1 SAL							
		1144	BE				46.11	07.24			6.9°C							
	TRAF	1159	BE	NET	25	63	50 45.3	126 07.37		1.5	1 SAL				TRAFFORD PT			
		1210	EN				45.22	09.20			6.7°C							

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Month				Year			Ship				Cruise ID				
MARCH				2008			PRINCETON				2008-18				
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							
13	BROWN P	1211	BE	CTD	40	64	50 46.742	126 11.387	152'	50					BROWN PT
		1229	BE	NET	24	65	50 46.49	126 11.18		1.5	1 SAL				
		1240	EN				46.51	11.34			7.1°C				
	OPP BROWN	1232	BE	CTD	41	65	50 46.345	126 12.711	295'	50					OPPOSITE BROWN PT
		1254	BE	NET	27	66	50 46.27	126 12.56		1.5	1 SAL				
		1305	EN				46.16	12.45			4.9°C				
	TRC 2	1306	BE	CTD	42	67	50 49.238	126 12.782	765	210					TRIBUNE CHANNEL
	IRVINE	1425	BE	NET	28	68	50 49.24	126 13.57			1 SAL				IRVINE PT
		1436	EN				49.18	13.41			7.0°C				
	IRVINE	1437	BE	CTD	43	69	50 49.443	126 13.819	209'	40					
	OPP IRV	1444	BE	CTD	44	70	50 49.906	126 13.892	558'	50					
	S LOAF	1454	BE	NET	29	71	50 48.53	126 11.55		1.5	1 SAL				SOUTH OF LOAF PT
		1506	EN				48.03	11.54			7.4				
	LOAF	1506	BE	CTD	45	72	50 49.528	126 11.605	93'	28					LOAF PT
	TRIXE	1517	BE	NET	30	73	50 49.30	126 11.26		1.5	1 SAL				
		1528	EN				49.29	11.35			8.0°				
	OPP LOAF	1539	BE	NET	31	74	50 50.11	126 12.25		1.5	1 SAL				OPPOSITE LOAF PT
		1550	EN				50.01	12.43			7.6				

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Ocean Sciences Division, Institute of Ocean Sciences

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							Latitude	Longitude							
13	KWAT	1556	BE	CTD	46	75	50 51.944	126 14.762	129'	30	SURFACE	5	7		KWATSI BAY
		1614	BE	NET	32	76	50 51.13	126 15.06		1.5	1 SAL				
		1626	EN				51.24	15.03			7.4°C				
	CLAM	1619	BE	CTD	47	77	50 49.799	126 15.995	289'	50					CLAM POINT
		1639	BE	NET	33	78	50 49.51	126 16.24		1.5	1 SAL				
		1650	EN				49.47	16.06			7.2°C				
	GORM	1645	BE	CTD	48	79	50 50.597	126 19.269	780'	50					GORMELY FARM
	TRC25	1655	BE	CTD	49	80	50 50.428	126 19.800	942'	255	1 SAL CAL				TRIBUNE CHANNEL
	GORM F	1703	BE	NET	34	81	50 50.51	126 19.61		1.5	1 SAL				
		1714	EN				50.50	19.21			7.3°C				
	RAINY	1718	BE	CTD	50	82	50 50.084	126 19.913	244'	50					RAINY PT.
		1726	BE	NET	35	83	50 50.03	126 19.55		1.5	1 SAL				
		1737	EN				50.05	19.34			7.1°C				
14	VINER	1017	BE	CTD	51	84	50 47.175	126 25.356	375'	50					VINER SOUND
	VINER	1020	BE	NET	36	85	50 49.03	126 24.15		1.5	1 SAL				
		1034	EN				47.12	24.13			6.9°C				
	KING	1032	BE	CTD	52	86	50 47.686	126 26.569	409'	50					KING PT
		1051	BE	NET	37	87	50 47.40	126 26.3		1.5	1 SAL				
		1102	EN				47.52	26.21			7.1°C				

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DAILY LOG

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Cast type:	USW = sea water loop	bottle firing method
BOT = bottle cast, no CTD	MOR = mooring	US = up / stop
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CTD 56
NET 39

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

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							Latitude	Longitude							
	CLIO			CTD		01	50 36.31	126 21.25							
				NET		02	36.52	21.76							
				NET		03	36.54	21.8							
	BAT			NET		04	50 37.78	126 21.19							
	L3E			CTD		05	50 37.79	126 21.19							
	3D			CTD		06	38.297	21.17							
	3C			CTD		07	38.42	21.26							
	3B			CTD		08	38.51	21.28							
	3A			CTD		09	38.72	21.24							
	DOC13			CTD		10	50 39.18	126 16.93							
				NET		10	50 39.27	126 17.21							
	HON PT			NET		11	50 38.41	126 13.18							
	KN2			CTD		12	50 39.32	126 12.99							
	PRT PT			NET		13	50 38.83	126 10.094							
				CTD		14	50 38.87	126 9.83							
	L2G			CTD		15	50 38.93	126 6.07							
	OPP SHEL			NET		16	50 38.98	126 5.46							
	L2F			CTD		17	50 39.08	126 6.19							
	L2E			CTD		18	39.25	6.30							

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28 May 2003
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							Latitude	Longitude							
	L2D			CTD		19	50 39.61	126 6.57							
	L2C			CTD		20	39.96	6.71							
	KN1A			NET		21	50 40.02	126 0.45							
	L2B			CTD		22	50 40.11	126 6.87							
	L2H			CTD		23	40.28	6.96							
	KN3			CTD		24	50 40.12	126 3.92							
	GLEN			NET		25	50 40.14	125 44.16							
	MAC PT			CTD		26	50 41.29	125 44.17							
				NET		27	50 41.20	125 44.29							
	KN5			CTD		28	50 41.6	125 47.03							
	TOMIS			NET		29	50 40.92	125 49.44							
	L1G			CTD		30	50 40.91	125 50.71							
	IF			CTD		31	41.05	50.63							
	HAT			NET		32	50 42.14	125 49.17							
	L1E			CTD		33	50 41.21	125 50.67							
	ID			CTD		34	41.51	50.64							
	IC			CTD		35	41.82	50.66							
	IB			CTD		36	41.97	50.67							
	IA			CTD		37	42.08	50.65							

Cast type:
BOT = bottle cast, no CTD
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USW = sea water loop
MOR = mooring
NET = net haul
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bottle firing method:
US = up / stop
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Time Code
BE = beginning time of cast
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Transmissometer to be cleaned for each cast, do not use Ammonia products

DAILY LOG

Position Corrections CHART 3515

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

3/5

Month				Year			Ship				Cruise ID				
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							
	HH			NET	39		50 41.31	125 58.52							
				CTD	40		50 41.31	125 58.78							
	SHEL			NET	41		50 40.44	126 6.17							
	SPE			NET	42		50 40.28	126 11.15							
				CTD	43		50 40.6	126 11.51							
	NSP			NET	44		50 40.98	126 11.64							
	OPP SPE			NET	45		50 40.38	126 11.76							
	TRC1			CTD	46		50 43.59	126 10.91							
	VIS15			NET	47		50 41.40	126 13.58							
	OPP POM			CTD	48		50 43.5	126 13.25							
	HRF			NET	49		50 41.93	126 15.28							
				CTD	50		50 41.71	126 15.27							
	HUM R			CTD	51		50 41.19	126 15.21							
	SHRF			NET	52		50 41.15	126 15.73							
	TRC0.5			CTD	53		50 40.80	126 14.58							
	OPP POM			NET	54		50 43.48	126 13.48							
	POM1			CTD	55		50 43.05	126 11.33							
	CUE PT			CTD	56		50 44.59	126 7.54							
	POM			NET	57		50 42.92	126 11.38							

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POSITION CORRECTIONS CHART 3515

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DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Month				Year				Ship				Cruise ID 2008-18 4			
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							
	TRAF			CTD		58	50 45.42	126 9.36							
	TRC1.5			CTD		59	50 45.62	126 9.054							
	CLV PT			NET		60	50 44.48	126 7.47							
	LON PT			CTD		61	50 46.12	126 7.27							
				NET		62	50 46.14	126 7.04							
	TRAF			NET	net.	63	50 45.35	126 9.307							
	BRN PT			CTD		64	50 46.74	126 11.39							
				NET		65	50 46.79	126 11.36							
	OPP BRN			CTD	net	66	50 46.34	126 12.71							
	TRC 2			CTD	net	67	50 46.25	126 12.68							
				NET	net	68	50 49.24	126 12.78							
	IRV PT			CTD	net	69	50 49.44	126 14.01							
	OPP IRVINE			CTD		70	50 49.44	126 13.82							
	SLE PT			NET		71	50 48.53	126 12.31							
	LE PT			CTD		72	50 49.53	126 11.60							
				NET		73	50 49.37	126 11.54							
	OPP LFA			NET		74	50 49.94	126 12.92							
	KWAT			CTD		75	50 51.94	126 14.76							
				NET		76	50 51.38	126 15.06							

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28 May 2003

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DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

POSITION CORRECTIONS Chart 3515

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Month				Year			Ship				Cruise ID				
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							
	CLAM			CTD		77	50 51.94	126 14.76							
				NET		78	50 49.81	126 16.12							
	GDRM			CTD		79	50 50.6	126 19.27							
	TRC2.5			CTD		80	50 50.43	126 19.8							
	GORMF			NET		81	50 50.74	126 18.66							
	RAINY			CTD		82	50 50.08	126 19.91							
				NET		83	50 50.03	126 20.17							
	VINER			CTD		84	50 47.17	126 25.36							
				NET		85	50 47.04	126 24.38							
	KING			CTD		86	50 47.66	126 26.57							
				NET		87	50 47.62	126 26.46							
	TRC3			CTD		88	50 48.99	126 25.44							
	OPP KING			NET		89	50 48.86	126 28.35							
	BG1			CTD		90	50 48.54	126 28.85							
	BWF			NET		91	50 47.89	126 29.6							
				CTD		92	50 47.69	126 29.79							
	RP			CTD		93	50 46.49	126 30.6							

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