

* check CTD coefficients - salinity offset?

NOTE TIME IS UT

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR		MONTH		SHIP		CRUISE		PAGE						
2001		01		CCGS W.E. RICKER		2001-02 Hake Survey		1 OF 1						
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS
10	S1	CTD	2000	BE	01	43° 21.3	125° 15.2	GPS	7m		01	1	G	test, example, to fill.
				BO		43° 21.2	125° 15.2			6m				
				EN		43° 21.0	125° 15.4		7m					
11														
12	CAL	CTD	0007	BE	01	50 10.713	125 20.18	GPS	42.1	28m	LOOP#1		NR	Calibration (EK)
			0023	BO		50 10.716	125 20.162		33.4					Jan 11, 20 1207 PST
			0030	EN		50 10.715	125 20.174		39.6					FILE # 200102001.DAT
														Loop#1 Sample taken @ 1658 PST
														CDRQ Temp - 8.167
														Sal 29.881
12	QCS1	CTD	1845	BE	02	51 11.99	128 21.19	GPS	155					File 200102002.DAT
			1849	BO		51 12.03	128 21.22		154	147			78	SST - Seabird 8.03
			1852	EN		51 12.06	128 21.26		153					Sal 31.803
														Problem with main pump plug - 5011
														Arcing - checked & silicone'd
13	QCS2	CTD	1937	BE	03	51 12.14	130 39.04	GPS	2009	702			NR	Jan 13, 2001 1137 PST
			1949	BO		51 12.02	130 39.11		2009	702				200102003.DAT
			2001	EN		51 11.92	130 39.27		2009					

CAST TYPE -

BOT - bottle cast
CTD - ctd
MOR - mooring

RQS - rosette
NET - net haul
DRF - drifter

USW - sea water loop

TIME CODE -

BE - beginning time of cast
BO - bottom time of cast
EN - end of cast

DE - deployment time
MR - messenger release
RE - recover mooring

POSITION CODE -

RAD - RADAR
GPS - GLOBAL
LOR - LORAN

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR 2001		MONTH January		SHIP		CRUISE						PAGE 2		OF	
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS	
14	0253	CTD	0200	BE	04	51 14.55	129 43.00	GPS	267		1	1	WJ	200102004.DAT	Jan 13, 1509 PST
		→	0204	BO		51 14.75	129 43.17		266	246				Bottle # 1	
			0210	END		51 14.84	129 43.18		271						
14	Nootka 1	CTD	2000	BE	05	49 28.09	128 00.32	GPS	2433		—	—	WJ	200102005.DAT	
			2018	BO		49 28.00	128 00.58		2433	709				Jan 14/1218 PST	
			2028	END		49 27.90	128 00.81		2433					SeaWater loop # 2	
15	Nootka 2	CTD	0230	BE	06	49 28.24	127 14.67		457		#2	1	WJ	200102006.DAT	Jan 14 1630 PST
			0242	BO		49 28.20	127 14.98		496	425				Bottle # 2	
			0252	END		49 28.18	127 15.28		547						
15	Nootka 3	CTD	0402	BE	07	49 28.04	127 10.23		151		—	—	WJ	200102007.DAT	
			0411	BO		49 28.04	127 10.23		151	140				Jan 14/2010	
			0414	END		49 28.04	127 10.31		151						

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YEAR		MONTH		SHIP		CRUISE							PAGE	OF
2001		Jan												
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME/ CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS
15	LAP1	CTD	1408	BE	8	48 23.22	126 48.40	GPS	2523				18	200102008.DAT
			1417	BO		48 23.36	126 48.68		2523	701.99				
			1430	EN		48 23.32	126 48.67		2523					
15	LAP2	CTD	2200	BE	9	48 23.088	125 51.708	GPS	154				MW	200102009.DAT
			2205	BO		48 23.11	125 51.65		151	145				Loop sample #3
			2208	EN		48 23.10	126 51.61		151					Local time: 14:00 Jan 15/01
16	LAP3	CTD	0329	BE	10	48 23.168	125 10.28	GPS	173				18	200102010.DAT
			0334	BO		48 23.19	125 10.24		170	161				Local time Jan 15, 01 1935
				EN		48 23.20	125 10.26		171					
16	GREY1	CTD	1637	BE	11	46 55.34	124 44.90	GPS	134				18	200102011.DAT
			1641	BO		46 55.39	124 44.93		134	123				Sheet
			1644	EN		46 55.42	124 44.92		134					

CAST TYPE -

BOT -

bottle cast

CTD -

ctd

MOR -

mooring

ROS -

rosette

NET -

net haul

DRF -

drifter

USW -

sea water loop

TIME CODE -

BE -

beginning time of cast

BO -

bottom time of cast

EN -

end of cast

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deployment time

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messenger release

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DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS			
16	G0042	CTD	1839	BE	12	46 55.37	124 48.95	GPS	295						200102012.DAT Jan 16, 2001 1047 PST		
			1848	BO		46 55.45	124 48.96		291	283			9/8	SLC/G break			
			1854	EN		46 55.49	124 48.94		284								
17	G0073	CTD	0000	BE	13	46 55.24	125 30.68	GPS	1494		# 3		9/8	200102013.DAT Jan 16, 2001 1201 PST			
			0015	BO		46 55.24	125 30.89		1534	702				Loop Sample #4 - salinity 31.810 Jan 16, 2001 1632 Temp 9.602			
				EN		46 55.32	125 31.05		1552					Bottle Sample #3			
17	Newport1	CTD	1722	BE	14	44 28.10	124 15.14	GPS	65				MW	200102014.DAT			
			1724	BO		44 28.11	124 15.18		66	57				Jan 17/2001 9:22 PST			
			1726	EN		44 28.11	124 15.21		66								
17	Newport2	CTD	2144	BE	15	44 28.67	124 45.85	GPS	308				19/8	2001-02015.DAT			
			2149	BO		44 28.66	124 45.76		305	295				Jan 17, 2001 1341 PST			
			2153	EN													
18	Newport3	CTD	0051	BE	16	44 27.95	125 13.94		1515		#4		MW	200102016.DAT Jan 17, 2001 1648 PST			
			0105	BO		44 28.04	125 13.87	GPS	1518	700				Bottle Sample #4			
			0121	EN		44 28.07	125 13.77		1509					Loop Sample #5 - sal 32.116 Temp 11.011			

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CTD -

ctd

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mooring

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rosette

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net haul

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sea water loop

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recover mooring

POSITION CODE -

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DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS	
18	Rogue 1	CTD	1525	BE	17	42 28.31	124 39.97	GPS	109				18	200102017.DAT Jan 18, 2001 0727 PST	
			1527	BO		42 28.29	124 39.98		109	96					
			1529	EN		42 28.26	124 39.98		110						
18	Rogue 2	CTD	1739	BE	18	42 28.29	124 47.93	GPS	233				MW	200102018.DAT	
			1744	BO		42 28.27	124 47.96		235	223				Sun 18 2001 9:38 PST	
			1748	EN		42 28.25	124 47.96		233						
19	Rogue 3	CTD	0050	BE	19	42 28.15	125 52.55	GPS	72000				mg	200102019.DAT	
			0104	BO		42 28.21	125 52.33		"	701	Bottle 5			Jan 19, 2001 16:48 PST	
			0119	EN		42 28.30	125 52.07		"		Loop 6			Bottle Sample #5 - 31.915 PSU Loop Sample #6 - 31.915 PSU 11.592 °C	
19	Mendocino	CTD	1516	BE	20	40 44.31	125 36.03	GPS	72000				MW	200102020.DAT	
			1529	BO		40 44.34	125 35.98		72000	702				Sun 19/2001 0711 PST	
			1541	EN		40 44.35	125 35.94		"						

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DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS	
19	Mk100 2	CTD	2234	BE	21	40 43.99	124 43.99	GPS	195				18		
			2336	BO		40 43.96	124 30.14		196	192					
			2341	EN		40 43.95	124 30.16		197						
20	Mk100 3	CTD	0046	BE	22	40 43.72	124 22.94	GPS	47				18	200102022 DAT	
			0041	BO		40 43.72	124 22.96		48	39	Loop #7			11.712	
			0042	EN		40 43.73	124 22.96		49					32.093	
20	Area 1	CTD	1743	BE	23	38 38.02	124 34.45	GPS	>2000		Bottle 6		18	200102023 DAT	
			1759	BO		38 38.07	124 34.10		72000	900	Loop 8			Loop 8 1023 PST 32.746	
			1819	EN		38 38.04	124 33.82		72000					11.961	
21	Area 2	CTD	0244	BE	24	38 37.41	123 35.83	GPS	130				18	200102024 DAT	
			0246	BO		38 37.43	123 35.82		129	120				Jan 20, 2001 1845 PST	
			0248	EN		38 37.46	123 35.80		129						
21	Area 3	CTD	0347	BE	25	38 37.62	123 44.58	GPS	346				18	200102025 DAT	
			0353	BO		38 37.68	123 44.47		325	310				Jan 20 2001 1953	
			0359	EN		38 37.78	123 44 39		310						

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YEAR				MONTH		SHIP				CRUISE				PAGE	OF
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS	
21	SF1	CTD	1746	BE	26	37 22.55	123 3.91	GPS	753					18	200102026 DAT
			1800	BO		37 22.62	123 3.95		748	702					1000 Jan 21, 2001 PST
			1812	EN		37 22.63	123 4.07		749						
21	SF2	CTD	2336	BE	27	36 59.01	122 31.02	GPS	237					18	200102027 DAT
			2339	BO		36 59.07	122 30.99		226	215	Loop 8A				1532 Jan 21, 2000 PST
			2344	EN		36 59.11	122 30.93		217						Shelf Break
22	SF3	CTD	0153	BE	28	36 58.66	122 18.09	GPS	91					18	200102028 DAT
			0155	BO		36 58.66	122 18.06		89	79	Lo				1756 Jan 21, 2001 PST
			0157	EN		36 58.66	122 18.05		88		Loop 9				1758 12.000 33.490
22	CON1	CTD	1545	BE	29	34 58.14	121 55.86	GPS	2543					18	200102029 DAT
			1558	BO		34 58.21	121 55.78		2562	701	Loop 10				1756 Jan 22, 2001 PST
			1616	EN		34 58.33	121 55.59		2550						12699 23.322
23	CON2	CTD		BE											

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YEAR				MONTH			SHIP			CRUISE				PAGE	OF
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS	
22	CON2	CTD	23:55	BE	30	34° 57.61N	120° 56.12W	GPS	289				✓	2001-02-030 DAT	
23			00:01	BO		34° 57.62N	120° 56.05W		287	283				1-22-01 16:01 PST	
23			00:06	EN		34° 57.62N	120° 56.00W		285						
23															
23	CON3	CTD	01:16	BE	31	34° 57.51N	120° 43.60W	GPS	43						
			01:17	BO		34° 57.50N	120° 43.60W		42	33				1-22-01 17: PST	
			01:19	EN		34° 57.49N	120° 43.50W		42					Pump turned on at	
														Bottoms Use only	
														upcast.	
23	CHAN1	CTD	1403	BE	32	33 56.0	120 43.15	GPS	7200				net	200102032 DAT	
			1415	BO		33 6.04	120 43.08		7200	703	Bottle 8			0603 Jan 23, 2001 PST	
			1431	EN		33 6.07	120 42.98		7200		Loop 11			0631 33.333 14.075	
26	SD1	CTD	2009	BE	33	32 36.06	117 32.02		1212		Loop 4		✓	200102033 DAT	
			2021	BO		32 36.00	117 31.92	GPS	1213	701	Loop 12			1221 Jan 26, 2001 PST	
			2037	EN		32 35.92	117 31.81		1214					Bottle didn't trip	

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DAILY LOG

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YEAR			MONTH			SHIP			CRUISE					PAGE	OF
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS	
27	SD 2	CTD	1508	BE	34	32 35.08	120 22.15	GPS	72000				28	2001020317.DAT	
			1522	BO		32 35.01	120 22.33		72000	702	Bottle 9	1			
			1541	EN		32 35.08	120 22.47		72000		Low 12				
27	SD3	CTD	2000	DE	35	32 32.64	120 41.67	GPS	72000				18	One spawning hake school	
			2013	BO		32 32.55	120 41.79		72000	700				Pump not working to 50m	
			2024	EN		32 32.49	120 41.93		72000					Use UP cast only 200102035.DAT / 1226 PM	
28	SD4	CTD	0606	BE	36	32 39.82	120 16.45	GPS	~4000				18	20102036.DAT	
			0620	BO		32 39.84	121 16.60		~4000	704					
			0632	EN		32 39.85	121 16.62		~4000						
28	CHAN 2	CTD	1528	BE	37	33.43.18	120.59.99	GPS	1372	702	Bottle #10		9M	200102037.DAT	
			1540	BO		33.43.18	121.0.05		1372						
			1557	EN		33.43.15	121.0.10		1372						

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DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS	
29	CIAN3	CTD	0426	BE	38	33 41.02	122 17.79	GPS	4000					200102038.DAT	
			0440	BO		33 40.80	122 17.83		4000	705				Jan 28, 2001 2036 PST	
			0450	EN		33 40.62	122 17.85		4000						
30	SP	CTD	1904	BE	39	36 25.18	123 27.00	GPS	4000					200102039.DAT	
			1918	BO		36 25.20	123 27.08		4000	701	Bottle 11			Jan 30, 2001 1120 PST	
			1937	EN		36 25.26	123 27.15		4000						
31	MENDO4	CTD	2157	BE	40	38.36.49	125.21.35	GPS	72000	709	Bottle 12			200102040.DAT	
			2215	BO		38.36.66	125.21.43		72000		Loop 12			JAN 31, 2001 1357 PST	
			2228	EN		38.36.70	125.21.53		72000					SST 13.34 SAL 32.23	
FEB 01	TOW 49	CTD	1553	BE	41	40 28.56	126 17.60	GPS	2120					200102041.DAT	
			1605	BO		40 28.61	126 17.70		2120	702				FEB 1, 2001 0753 PST	
			1617	EN		40 28.63	126 17.70		2120						

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														200102042.DAT	
Feb 02		CTD	1403	BE	42	43 24.55	125 51.48	GPS	3200						
			1415	BO		43 24.60	125 51.35		3200	602					
			1424	EN		43 24.64	125 51.26		3200						
02															
03		CTD	0057	BE	43	44 25.01	127 0.22	GPS	2806					200102043.DAT	
			0103	BO		44 25.06	127 0.22		2800	603					
			0113	EN		44 25.09	127 0.17		2800						
03															
03		CTD	1405	BE	44	45 27.84	125 21.36	GPS	2200					200102044.DAT	
			1416	BO		45 27.95	125 21.18		2200	611					
			1427	EN		45 28.06	125 21.09		2200						
04		CTD	0254	BE	45	46 45.52	127 14.64	GPS	3000					200102045.DAT	
			0306	BO		46 45.59	127 14.53		3000	602	Bthk 13			Feb 3, 2001 1907 PST	
			0322	EN		46 45.70	127 14.32		3000		Loop 13			32.091 10.871	

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