

DAILY SCIENCE LOG

Cruise Number: 2022-003
Ship: Neocaligus

Event Number	Station Name	Cast Type	Firing Method	Time Code	Positional Information		Sounder Depth	Max Sampling Pressure	Sample Number		# of Bottles	Comments	SBE25 CAST #	Sample Type
					Latitude	Longitude			Start	End				
1	GEO1	CTD/BOT		BE	49° 15 N	123° 45 W	405	395				uploaded 2022-003-0001.hex	0	
1	GEO1	CTD/BOT		BO	49° 14.98 N	123° 44.96 W	405	395						
1	GEO1	CTD/BOT	MR	MR	49° 14.98 N	123° 44.96 W	405	393	1	1	1	Deep Salinity ~ 1.5m above CTD		SAL, NUT
1	GEO1	CTD/BOT		EN	49° 15 N	123° 45 W	405	395						
2	GEO1	BOT	MR	BE	49° 15 N	123° 45.01 W	405	0	2	2	1			HPLC, CHL-a, NUT
3	GEO1	NET		BE	49° 15.01 N	123° 45 W	405	395						
3	GEO1	NET		BO	49° 15.03 N	123° 45.07 W	405	395						
3	GEO1	NET		EN	49° 15.03 N	123° 45.1 W	405	395						
4	2	CTD		BE	49° 24.09 N	124° 9.31 W	278	268				uploaded 2022-003-0004.hex	1	
4	2	CTD		BO	49° 24.06 N	124° 9.28 W	278	268						
4	2	CTD		EN	49° 24.07 N	124° 9.33 W	278	268						
5	2	BOT	MR	BE	49° 24.07 N	124° 9.33 W	278	0	11	11	1			HPLC, NUT, Lugol's
6	3	CTD		BE	49° 26.61 N	124° 20.23 W	323	313				uploaded 2022-003-0006.hex	2	
6	3	CTD		BO	49° 26.63 N	124° 20.28 W	323	313						
6	3	CTD		EN	49° 26.65 N	124° 20.27 W	323	313						
7	3	BOT	MR	BE	49° 26.66 N	124° 20.27 W	323	0	3	3	1			HPLC
8	BS11	CTD		BE	49° 29 N	124° 46.01 W	60	50				uploaded 2022-003-0008.hex	3	
8	BS11	CTD		BO	49° 28.99 N	124° 46.01 W	60	50						
8	BS11	CTD		EN	49° 28.98 N	124° 46.01 W	60	50						
9	BS11	BOT	MR	BE	49° 28.98 N	124° 46.01 W	60	0	5	5	1			HPLC, CHL-a, NUT, Lugol's
10	BS11	NET		BE	49° 28.97 N	124° 46.01 W	60	50						
10	BS11	NET		BO	49° 28.95 N	124° 46.01 W	60	50						
10	BS11	NET		EN	49° 28.95 N	124° 46 W	60	50						
11	CPF2	CTD		BE	49° 28 N	124° 30 W	329	319				uploaded 2022-003-00011.hex	4	
11	CPF2	CTD		BO	49° 27.99 N	124° 30.05 W	329	319						
11	CPF2	CTD		EN	49° 27.99 N	124° 30.07 W	329	319						
12	CPF2	NET		BE	49° 28 N	124° 30 W	329	319						
12	CPF2	NET		BO	49° 28.04 N	124° 29.99 W	329	319						
12	CPF2	NET		EN	49° 28.05 N	124° 29.94 W	329	319						
13	6	CTD		BE	49° 30.62 N	124° 27.82 W	193	183				uploaded 2022-003-00013.hex	5	
13	6	CTD		BO	49° 30.64 N	124° 27.82 W	193	183						
13	6	CTD		EN	49° 30.66 N	124° 27.78 W	193	183						
14	6	BOT	MR	BE	49° 30.66 N	124° 27.76 W	193	0	4	4	1			HPLC
15	9	CTD		BE	49° 35.51 N	124° 38.29 W	170	160				uploaded 2022-003-00015.hex	6	
15	9	CTD		BO	49° 35.49 N	124° 38.25 W	170	160						
15	9	CTD		EN	49° 35.47 N	124° 38.22 W	170	160						
16	9	BOT	MR	BE	49° 35.44 N	124° 38.22 W	170	0	6	6	1			HPLC
17	11	CTD		BE	49° 42.4 N	124° 43.38 W	302	292				uploaded 2022-003-00017.hex	7	
17	11	CTD		BO	49° 42.36 N	124° 43.38 W	302	292						
17	11	CTD		EN	49° 42.34 N	124° 43.38 W	302	292						
18	11	NET		BE	49° 42.41 N	124° 43.41 W	302	292						
18	11	NET		BO	49° 42.41 N	124° 43.4 W	302	292						
18	11	NET		EN	49° 42.39 N	124° 43.41 W	302	292						
19	12	CTD/BOT		BE	49° 43.59 N	124° 40.8 W	357	347				uploaded 2022-003-00019.hex	8	
19	12	CTD/BOT		BO	49° 43.56 N	124° 40.76 W	357	347						
19	12	CTD/BOT	MR	MR	49° 43.56 N	124° 40.76 W	357	345	7	7	1	Deep Salinity ~ 1.5m above CTD		SAL, NUT
19	12	CTD/BOT		EN	49° 43.5 N	124° 40.78 W	357	347						
20	12	BOT	MR	BE	49° 43.48 N	124° 40.79 W	357	0	8	8	1			HPLC, CHL-a, NUT, Lugol's, SAL
21	12	NET		BE	49° 43.6 N	124° 40.8 W	357	347						

21	12	NET		BO	49° 43.51 N	124° 40.78 W	357	347							
21	12	NET		EN	49° 43.5 N	124° 40.77 W	357	347							
22	20	CTD		BE	49° 47.21 N	124° 32.3 W	309	299					uploaded 2022-003-00022.hex	9	
22	20	CTD		BO	49° 47.22 N	124° 32.29 W	309	299							
22	20	CTD		EN	49° 47.21 N	124° 32.21 W	309	299							
23	22	CTD		BE	49° 40.21 N	124° 16.31 W	353	343					Forgot deep salinity niskin - take at stn 24 instead. uploaded 2022-003-00022.hex	10	
23	22	CTD		BO	49° 40.2 N	124° 16.35 W	353	343							
23	22	CTD		EN	49° 40.17 N	124° 16.32 W	353	343							
24	22	BOT	MR	BE	49° 40.15 N	124° 16.3 W	353	0	10	10	1				HPLC, CHL-a, NUT, Lugol's
25	22	NET		BE	49° 40.22 N	124° 16.32 W	353	343							
25	22	NET		BO	49° 40.13 N	124° 16.21 W	353	343							
25	22	NET		EN	49° 40.11 N	124° 16.2 W	353	343							
26	IS-2	CTD		BE	49° 38.18 N	124° 4.98 W	27	17					uploaded 2022-003-00026.hex	11	
26	IS-2	CTD		BO	49° 38.17 N	124° 4.97 W	27	17							
26	IS-2	CTD		EN	49° 38.17 N	124° 4.97 W	27	17							
27	IS-2	NET		BE	49° 38.2 N	124° 4.97 W	27	17							
27	IS-2	NET		BO	49° 38.19 N	124° 4.96 W	27	17							
27	IS-2	NET		EN	49° 38.18 N	124° 4.96 W	27	17							
28	24	CTD/BOT	MR	BE	49° 30.29 N	124° 6 W	429	419					uploaded 2022-003-00028.hex	13	
28	24	CTD/BOT	MR	BO	49° 30.29 N	124° 5.98 W	429	419							
28	24	CTD/BOT	MR	MR	49° 30.26 N	124° 5.95 W	429	417	9	9	1	Deep Salinity ~ 1.5m above CTD			SAL, NUT
28	24	CTD/BOT	MR	EN	49° 30.2 N	124° 5.91 W	429	419							
29	24	NET		BE	49° 30.3 N	124° 6.01 W	429	419							
29	24	NET		BO	49° 30.3 N	124° 6.02 W	429	419							
29	24	NET		EN	49° 30.28 N	124° 5.97 W	429	419							
30	CPF1	CTD		BE	49° 21.99 N	124° 5.02 W	246	236					uploaded 2022-003-00030.hex	14	
30	CPF1	CTD		BO	49° 21.98 N	124° 5.04 W	246	236							
30	CPF1	CTD		EN	49° 21.98 N	124° 5.08 W	246	236							
31	CPF1	NET		BE	49° 22 N	124° 4.98 W	246	236							
31	CPF1	NET		BO	49° 21.98 N	124° 5.04 W	246	236							
31	CPF1	NET		EN	49° 21.99 N	124° 5.02 W	246	236							
32	28	CTD		BE	49° 24.12 N	123° 45.28 W	135	125					uploaded 2022-003-00032.hex	15	
32	28	CTD		BO	49° 24.11 N	123° 45.29 W	135	125							
32	28	CTD		EN	49° 24.12 N	123° 45.31 W	135	125							
33	28	NET		BE	49° 24.11 N	123° 45.3 W	135	125							
33	28	NET		BO	49° 24.09 N	123° 45.34 W	135	125							
33	28	NET		EN	49° 24.1 N	123° 45.34 W	135	125							
34	27	CTD/BOT		BE	49° 19.1 N	123° 48.02 W	348	338					uploaded 2022-003-00034.hex	16	
34	27	CTD/BOT		BO	49° 19.11 N	123° 48.05 W	348	338							
34	27	CTD/BOT	MR	MR	49° 19.1 N	123° 48.06 W	348	336	12	12	1	Deep Salinity ~ 1.5m above CTD			SAL, NUT
34	27	CTD/BOT		EN	49° 19.1 N	123° 48.11 W	348	338							
35	27	BOT	MR	BE	49° 19.1 N	123° 48.11 W	348	0	13	13	1				HPLC, CHL-a, NUT, Lugol's
36	40	CTD		BE	49° 8.59 N	123° 36.81 W	146	136					uploaded 2022-003-00036.hex	17	
36	40	CTD		BO	49° 8.59 N	123° 36.82 W	146	136							
36	40	CTD		EN	49° 8.6 N	123° 36.83 W	146	136							
37	40	NET		BE	49° 8.58 N	123° 36.8 W	155	136							
37	40	NET		BO	49° 8.59 N	123° 36.84 W	155	142							
37	40	NET		EN	49° 8.6 N	123° 36.83 W	155	142							
38	39	CTD		BE	49° 9.8 N	123° 32.99 W	378	368					CTD switched on/off before cast. uploaded 2022-003-00038.hex	19	
38	39	CTD		BO	49° 9.81 N	123° 33 W	378	368							
38	39	CTD		EN	49° 9.8 N	123° 33 W	378	368							
39	39	BOT	MR	BE	49° 9.8 N	123° 32.99 W	378	0	14	14	1				HPLC, Lugol's
40	38	CTD		BE	49° 11.98 N	123° 26.41 W	309	299					uploaded 2022-003-00040.hex	20	

40	38	CTD		BO	49° 11.98 N	123° 26.38 W	309	299						
40	38	CTD		EN	49° 11.98 N	123° 26.4 W	309	299						
41	38	NET		BE	49° 11.97 N	123° 26.39 W	309	299						
41	38	NET		BO	49° 11.96 N	123° 26.41 W	309	299						
41	38	NET		EN	49° 11.96 N	123° 26.44 W	309	299						
42	108	CTD		BE	49° 4.36 N	123° 19.17 W	90	80				uploaded 2022-003-00042.hex	21	
42	108	CTD		BO	49° 4.34 N	123° 19.18 W	90	80						
42	108	CTD		EN	49° 4.32 N	123° 19.2 W	90	80						
43	41	CTD		BE	49° 3.28 N	123° 22.36 W	244	234				uploaded 2022-003-00043.hex	22	
43	41	CTD		BO	49° 3.24 N	123° 22.42 W	244	234						
43	41	CTD		EN	49° 3.22 N	123° 22.44 W	244	234						
44	41	NET		BE	49° 3.26 N	123° 22.37 W	245	235						
44	41	NET		BO	49° 3.22 N	123° 22.44 W	245	235						
44	41	NET		EN	49° 3.22 N	123° 22.47 W	245	235						
45	42	CTD		BE	49° 1.75 N	123° 26.2 W	320	310				uploaded 2022-003-00045.hex	23	
45	42	CTD		BO	49° 1.68 N	123° 26.29 W	320	310						
45	42	CTD		EN	49° 1.64 N	123° 26.27 W	320	310						
46	42	BOT	MR	BE	49° 1.62 N	123° 26.28 W	320	0	15	15	1			HPLC, CHL-a, NUT, Lugol's
47	42	NET		BE	49° 1.8 N	123° 26.2 W	326	316						
47	42	NET		BO	49° 1.68 N	123° 26.32 W	326	316						
47	42	NET		EN	49° 1.67 N	123° 26.35 W	326	316						
48	46	CTD/BOT		BE	48° 51.39 N	123° 10.74 W	181	171				uploaded 2022-003-00048.hex	24	
48	46	CTD/BOT		BO	48° 51.37 N	123° 10.68 W	181	171						
48	46	CTD/BOT	MR	MR	48° 51.36 N	123° 10.66 W	181	169	16	16	1	Deep Salinity ~ 1.5m above CTD		SAL, NUT
48	46	CTD/BOT		EN	48° 51.34 N	123° 10.61 W	181	171						
49	46	BOT	MR	BE	48° 51.32 N	123° 10.57 W	181	0	17	17	1			HPLC, CHL-a, NUT
50	46	NET		BE	48° 51.39 N	123° 10.79 W	180	170						
50	46	NET		BO	48° 51.35 N	123° 10.67 W	180	170						
50	46	NET		EN	48° 51.34 N	123° 10.64 W	180	170						
51	56	CTD		BE	48° 46.34 N	123° 1.63 W	216	206				uploaded 2022-003-00051.hex	25	
51	56	CTD		BO	48° 46.28 N	123° 1.66 W	216	206						
51	56	CTD		EN	48° 46.26 N	123° 1.65 W	216	206						
52	56	BOT	MR	BE	48° 46.24 N	123° 1.67 W	216	0	18	18	1			HPLC
53	59	CTD		BE	48° 36.94 N	123° 14.96 W	238	228				uploaded 2022-003-00053.hex	26	
53	59	CTD		BO	48° 36.94 N	123° 15 W	238	228						
53	59	CTD		EN	48° 36.95 N	123° 15.01 W	238	228						
54	59	BOT	MR	BE	48° 36.95 N	123° 15.01 W	238	0	19	19	1			HPLC, CHL-a, NUT
55	59	NET		BE	48° 36.93 N	123° 15.02 W	237	227						
55	59	NET		BO	48° 36.92 N	123° 15.07 W	237	227						
55	59	NET		EN	48° 36.9 N	123° 15.05 W	237	227						
56	GI-01	CTD		BE	48° 45.87 N	123° 20.54 W	65	55				uploaded 2022-003-00056.hex	27	
56	GI-01	CTD		BO	48° 45.88 N	123° 20.54 W	65	55						
56	GI-01	CTD		EN	48° 45.88 N	123° 20.54 W	65	55						
57	GI-01	NET		BE	48° 45.88 N	123° 20.53 W	65	55						
57	GI-01	NET		BO	48° 45.87 N	123° 20.52 W	65	55						
57	GI-01	NET		EN	48° 45.87 N	123° 20.52 W	65	55						
58	SC-04	CTD		BE	48° 43.5 N	123° 25.03 W	93	83				uploaded 2022-003-00058.hex	28	
58	SC-04	CTD		BO	48° 43.5 N	123° 25.06 W	93	83						
58	SC-04	CTD		EN	48° 43.49 N	123° 25.08 W	93	83						
59	SC-04	BOT	MR	BE	48° 43.49 N	123° 25.09 W	93	0	20	20	1			HPLC, CHL-a, NUT, Lugol's
60	SC-04	NET		BE	48° 43.51 N	123° 25.03 W	97	87						
60	SC-04	NET		BO	48° 43.5 N	123° 25.04 W	97	87						
60	SC-04	NET		EN	48° 43.5 N	123° 25.04 W	97	87						
61	CBE2	CTD		BE	48° 44.23 N	123° 34.48 W	65	55				uploaded 2022-003-00061.hex	29	

61	CBE2	CTD		BO	48° 44.24 N	123° 34.48 W	65	55					
61	CBE2	CTD		EN	48° 44.24 N	123° 34.49 W	65	55					
62	CBE2	NET		BE	48° 44.24 N	123° 34.49 W	65	55					
62	CBE2	NET		BO	48° 44.24 N	123° 34.48 W	65	55					
62	CBE2	NET		EN	48° 44.24 N	123° 34.46 W	65	55					