

Cruise ID: 2022-004 Station: 2 Event #: ctd 3 Ship: Neocaligus UTC Date (dd mmm yyyy): 14 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target	Confirmed		HPLC	Nut-F	Lugol's											
			Pressure	✓	Pressure														
1		1 1	0	✓		xx	x	x											event 4
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
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21																			
22																			
23																			
24																			

Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?

Watchkeeper(s): KY

Bottom Depth: 201

Trans Clean: Y/N Fl. Clean: Y/N

Time	UTC	Local
Start	21:27	
Bottom		
End		

Positional Information

Lat:	49° 24.040	N
Lon:	124° 9.530	W

Lat:	°	N
Lon:	°	W

Lat:	°	N
Lon:	°	W

Extra comments:

Horrible weather

Cruise ID: 2022-004

Station: 3

Event #: 0105

Ship: Neocaligus

UTC Date (dd mmm yyyy): 14 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments	
			Target Pressure	Confirmed ✓ Pressure	HPLC										Save sheet after printing labels: YES	
1		2	0		xx											bottle event 6
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
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17																
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21																
22																
23																
24																

Profile type: CTD BOT

ROS TRM X-Niskin other?

Watchkeeper(s): KY

Bottom Depth: 324

Trans. Clean: Y/N FI. Clean: Y/N

Time	UTC	Local
Start	22:17	
Bottom		
End		

Positional Information

Lat:	49° 26.60	N
Lon:	124° 20.16	W

Bottom

Lat:	°	N
Lon:	°	W

End

Lat:	°	N
Lon:	°	W

Extra comments:

Croppy weather
high wire angle

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ☒ Pressure	HPLC	Nut-F	Lugol's	CHL									
1		53	0	0	xx	x	x	xx									event 9
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s):

Bottom Depth: 61

Trans Clean: Y/N Fl. Clean: Y/N

Time	UTC	Local
Start	0:31	
Bottom		
End		

Positional Information

Start

Lat: 49° 28.99 N

Lon: 124° 45.94 W

Bottom

Lat: ° N

Lon: ° W

End

Lat: ° N

Lon: ° W

Extra comments:

Water Properties Group

Program
STN List: All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2022-004 Station: 6 Event #: 12 ctd Ship: Neocaligus UTC Date (dd mmm yyyy): 15 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments
			Target Pressure	Confirmed Pressure	HPLC										
1		4	0		xx										bottle event 13
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
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14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type: CTD + bottle other?
ROS TRM X-Niskin other?
Watchkeeper(s):

Bottom Depth: 193
Trans Clean: Y/N Fl. Clean: Y/N

Time	UTC	Local
Start	16:16	
Bottom		
End		

Positional Information

Lat:	49° 30.56	N
Lon:	124° 27.77	W

Start

Lat:	°	N
Lon:	°	W

Bottom

Lat:	°	N
Lon:	°	W

End

Extra comments:

best

Cruise ID: 2022-004

Station:

6

Event #: 4

Ship:	Neocaligus	UTC Date (dd mmm yyyy):	15 Mar 2022
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Extra comments:

1	5	0	xx	batch # 15
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

Cruise ID: 2022-004

Station: 12

Event #: 18

Ship: Neocaligus

UTC Date (dd mmm yyyy): 15 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments
			Target Pressure	Confirmed ✓ Pressure	HPLC	Nut-F	Lugol's	Sal	CHL								
1		7 6	Bot-5	✓	345		X		xx								w/ CTD 25m above
2		8 7	0	✓	0	xx	xx	x	x	xx							event 19
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): K-7

Bottom Depth: 361 → 358

Trans Clean: Y/N FI. Clean: Y/N

Time	UTC	Local
Start	19:24	
Bottom	19:31	
End		

Positional Information

StartLat: 49° 43.57 N
Lon: 124° 40.64 W

BottomLat: 49° 43.59 N
Lon: 124° 40.71 W

EndLat: ° N
Lon: ° W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2022-004 Station: 22 Event #: 22 Ship: Neocaligus UTC Date (dd mmm yyyy): 15 / Mar / 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed	HPLC	Nut-F	Lugol's	Sal	CHL					Save sheet after printing labels:	YES
			Pressure	✓ Pressure											
1		9	Bot-5					xx						dropped deep sal. taken	@ 12
2		10 8	0		xx	xx	x	x	x						bottle went 23
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type: ROS TRM ☒ Niskin other?

Watchkeeper(s):

Bottom Depth: 354

Trans Clean: Y/N Fl. Clean: ☒ Y/N

Time	UTC	Local
Start	22:49	
Bottom		
End		

Positional Information

Lat:	49° 40.18	N
Lon:	124° 16.2	W

Start

Lat:	°	N
Lon:	°	W

Bottom

Lat:	°	N
Lon:	°	W

End

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2022-004 Station: 27 Event #: 31 ctd Ship: Neocaligus UTC Date (dd mmm yyyy): 16 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments	
			Target Pressure	Confirmed	Pressure	HPLC	Nut-F	Lugol's	Sal	CHL							
			✓														
1		119	Bot-5	✓	339m		X		xx						event 31		
2		110	0	✓		xx	x	x	xxx	x					event 32	switch ed SAL dup to bottom bottle	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS TRM X-Niskin other?
Watchkeeper(s):

Bottom Depth: 347
Trans Clean: Y/N Fl. Clean: Y/N

Time	UTC	Local
Start	18:29	
Bottom		
End		

Positional Information

Lat:	49° 19.13	N
Lon:	123° 48.03	W

Lat:	°	N
Lon:	°	W

Lat:	°	N
Lon:	°	W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2022-004 Station: GEO1 Event #: 33 Ship: Neocaligus UTC Date (dd mmm yyyy): 16 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed	HPLC	Nut-F	Sal	CHL								
			Pressure	✓ Pressure												
1		1	Bot-5				xx						not collected			
2		11	0	✓	xx	xx	x	xx							event 34	
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
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16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): Kelly Young

Bottom Depth: 405

Trans Clean: Y/N Fl. Clean: Y/N

Time	UTC	Local
Start	19:28	
Bottom		
End		

Positional Information

Lat:	49° 14.98	N
Lon:	123° 44.97	W

Lat:	°	N
Lon:	°	W

Lat:	°	N
Lon:	°	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments	
			Target Pressure	Confirmed ✓ Pressure	HPLC										Save sheet after printing labels: YES	
1		12	0		xx											bottle 39
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
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22																
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24																

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): ky

Bottom Depth: 380

Trans Clean: Y/N FI. Clean: Y/N

Time UTC Local

Start 21:50

Bottom

End

Positional Information

StartLat: 49° 9.79 N Lon: 123° 33.04 W

BottomLat: ° N Lon: ° W

EndLat: ° N Lon: ° W

Extra comments:

Cruise ID: 2022-004

Station: 42

Event #: sta 45

Ship: Neocaligus

UTC Date (dd mmm yyyy): 17 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments Save sheet after printing labels: YES
			Target Pressure	Confirmed	Pressure	HPLC	Nut-F	Lugol's	CHL									
			√															
1		15 13	0			xx	xx	x	xx									46
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): 47

Bottom Depth: 322

Trans Clean: Y/N FI. Clean: Y/N

Time UTC Local

Start

15:55

Bottom

End

Positional Information

Start

Lat: 49° 1.8 N

Lon: 123° 26.17 W

Bottom

Lat: ° N

Lon: ° W

End

Lat: ° N

Lon: ° W

Extra comments:

Cruise ID: 2022-004

Station: 46

Event #: ctd 48

Ship: Neocaligus

UTC Date (dd mmm yyyy): 17 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed ✓ Pressure	HPLC	Nut-F	Sal	CHL					Save sheet after printing labels: YES			
1		16 14	Bot-5	✓	166		X	xx						w/ CTD 48 3m		
2		17 15	0	✓		xx	xx	x	x					49		
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
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16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): KY

Bottom Depth: 179

Trans Clean: Y/N Fl. Clean: Y/N

Time	UTC	Local
Start	18:13	18:28
Bottom		
End		

Positional Information

Lat:	49° 1.82	N
Lon:	123° 26.13	W

Start

Lat:	49° 51.38	N
Lon:	123° 10.82	W

Lat:	°	N
Lon:	°	W

Extra comments:

- BE missed, marked during Niskin ~ 3m above CTD

Water Properties Group

Program
STN List: All_Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2022-004 Station: 56 Event #: 2151 Ship: Neocaligus UTC Date (dd mmm yyyy): 17 Mar 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments	
			Target Pressure	Confirmed Pressure	HPLC										Save sheet after printing labels:	YES
1		1816	0		xx											52
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): FY

Bottom Depth: 212

Trans Clean: Y/N FI. Clean: Y/N

Time	UTC	Local
Start	19:21	
Bottom		
End		

Positional Information

StartLat: 48 ° 46.41 N

StartLon: 123 ° 1.60 W

BottomLat: ° N

BottomLon: ° W

EndLat: ° N

EndLon: ° W

Extra comments:

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

17 Mar 2022

Extra comments:

