

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: GEO1 Event #: 3/4 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 17|07|2010

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments/	
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	DIC	Oxy	IONS	Nuts	Event number	
1		1	b-10	396	x						x	x	xx	x	} Event # 3	
2		2	200	200	x						x	x	xx	x		
3		3	100	100	x						x	xx	xx	x		
4		4	75	75	xx						x	x	xx	x		
5		5	50	50	x						xx	x	xx	x		
6		6	20	20	x						x	x	xx	xx		
7		7	5	5	x						x	x	xx	x		
8		8	0	0	x	xx					x	x	xx	x		* may need 2 surface bottles?
9		9	5-10	0									x	} 2-5L Niskins mixed, 1@5m, 1@10m		
10		10	5	5									x		Event # 4	
11		11	0	0			xx		x	x				Event # 5		
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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

Bottom Depth: 405 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2130	
Bottom	2146	
End	2205	

Positional Information
 Start
 Lat: 49 ° 14.995 N
 Lon: 123 ° 45.020 W

Bottom
 Lat: 49 ° 14.983 N
 Lon: 123 ° 44.950 W

End
 Lat: 49 ° 14.970 N
 Lon: 123 ° 44.942 W

Extra comments:
 Took a very long time to sample everything from niskin.
 Very warm outside + niskin set on deck for some time before sampling.

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: BS-11

Event #: 8/9

Ship: Neocaligus

UTC Date (dd|mmm|yyyy): 18 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials							Comments		
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONs			
1		12	0	0		xx	xx	x						Event 9
2		13	0	0					x					Event 8
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): GC MB

Bottom Depth: 62 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1424	724
Bottom		
End	1437	

Positional Information
 Start
 Lat: 49 ° 29.088 N
 Lon: 124 ° 46.015 W

Bottom
 Lat: ° N
 Lon: ° W

End
 Lat: 49 ° 29.120 N
 Lon: 124 ° 46.050 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37

Station: CPF2

Event #: 12/13/14

Ship: Neocaligus

UTC Date (dd|mmm|yyyy): 18 July 2018

12/13/14

UTC Date (dd|mmm|yyyy): 18 July 2018

UTC Date (dd|mmm|yyyy): 18 July 2018

UTC Date (dd|mmm|yyyy): 18 July 2018

18 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments/ Event number			
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	DIC	Oxy	IONS	Nuts				
1		14	b-10		324	x								x	x	x	x	
2		15	200	/		xx								x	x	x	x	
3		16	100	/		x								x	xx	x	x	
4		17	75	/		x								x	x	x	xx	Event 14
5		18	50	/		x								x	x	x	x	
6		19	20	/		x								xx	x	x	x	
7		20	5	/		x								x	x	x	x	
8		21	0	/		x								x	x	x	x	
9		22	5													x		Event #12
10		23	0											x		x		Event #12
11		24	0				x	xx										Event #13
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: _____ m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1535	
Bottom		
End	1723	

Positional Information

Start	Lat: 49 ° 27.976 N	
	Lon: 124 ° 29.994 W	

Start

Bottom

Bottom	Lat: ° N	
	Lon: ° W	

Bottom

End

End	Lat: 49 ° 27.963 N	
	Lon: 124 ° 29.951 W	

End

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 3 Event #: 16 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 18 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials								Comments					
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONs							
1		25	0	✓		x	xx						x					14PLC: 620mls Filtered
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 326 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1814	1114
Bottom		
End		

Positional Information
 Start
 Lat: 49 ° 26.632 N
 Lon: 124 ° 20.256 W

Start

Bottom
 Lat: ° N
 Lon: ° W

Bottom

End
 Lat: ° N
 Lon: ° W

End

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 6 Event #: 18 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 18 July 2010

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONs							
1		26	0	✓		x	xx											HPLC: 620-6s filtered
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 195 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1910	1210
Bottom		
End		

Positional Information

Start
 Lat: 49 ° 30.608 N
 Lon: 124 ° 27.834 W

Bottom
 Lat: ° N
 Lon: ° W

End
 Lat: ° N
 Lon: ° W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 9 Event #: 20 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 18 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments				
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONs								
1		27	0	0		X		xx											HPLC 620mls filtered
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): GC

Bottom Depth: 171 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2017	1317
Bottom		
End		

Positional Information

Start ↑
 Lat: 49 ° 35.496 N
 Lon: 124 ° 38.351 W

Bottom ↓
 Lat: ° N
 Lon: ° W

End ↓
 Lat: ° N
 Lon: ° W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 11 Event # 22/24 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 18 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials								Comments		
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA					
1		28	0						x						Event# 22
2		29 30	5												Event# 24
3		30 2T	0												
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): GC

Bottom Depth: _____ m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2116	1416
Bottom		
End	2150	

Positional Information

Lat: 49 ° 42.426	N
Lon: 123 ° 43.416	W

Start
 Bottom
 End

▼

Lat: °	N
Lon: °	W

▼

Lat: 49 ° 42.451	N
Lon: 124 ° 43.274	W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 12 Event #: 26 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 18 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments							
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONs											
1		31	0			xx	xx	x													HPLC 620mls filtered	
2																						
3																						
4																						
5																						
6																						
7																						
8																						
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16																						
17																						
18																						
19																						
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21																						
22																						
23																						
24																						

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

Bottom Depth: 358 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2211	1511
Bottom		
End		

Positional Information
 Start
 Lat: 49 ° 43.618 N
 Lon: 124 ° 40.823 W

Bottom
 Lat: ° N
 Lon: ° W

End
 Lat: ° N
 Lon: ° W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 22 Event #: ~~32-36~~ 29-32 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials								Comments					
			Target Pressure	Confirmed <input type="checkbox"/> Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONs							
1		32	b-10	<input checked="" type="checkbox"/>	xx													Event# 29 Deep water
2		35	5	<input checked="" type="checkbox"/>														Event# 32
3		36	0	<input checked="" type="checkbox"/>														}
4		34	0	<input checked="" type="checkbox"/>		x	xx	x										
5		33	0	<input checked="" type="checkbox"/>														Event# 31
6																		Event# 30
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): GC ~~ME~~

Bottom Depth: 356 m
 Transmisso Cleaned: N

Time	UTC	Local
Start	1539	839
Bottom		
End	1617	

Positional Information
 Start
 Lat: 49 ° 40.190 N
 Lon: 124 ° 16.270 W

Bottom
 Lat: ° N
 Lon: ° W

End
 Lat: 49 ° 40.164 N
 Lon: 124 ° 16.432 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: IS-2 Event #: 35 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed ✓	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONs							
				Pressure														
1		37	0							x								
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): SC

Bottom Depth: 31. m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	<u>1714</u>	<u>1014</u>
Bottom		
End		

Positional Information
 Start
 Lat: 49 ° 38.204 N
 Lon: 124 ° 05.009 W

Bottom
 Lat: ° N
 Lon: ° W

End
 Lat: ° N
 Lon: ° W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 24 Event #: 37 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials							Comments							
			Target Pressure	Confirmed <input checked="" type="checkbox"/> Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA									
1		38	XO _m	Om.						x									POM-SI
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): GC. MB

Bottom Depth: 431 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1816	1116
Bottom		
End		

Positional Information
Start
Lat: 49 ° 30.321 N
Lon: 124 ° 06.022 W

Bottom
Lat: ° N
Lon: ° W

End
Lat: ° N
Lon: ° W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 2 Event #: 40 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments				
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONs								
1		39	0	✓		xx	xx	x						X					
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): GC

Bottom Depth: 281 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1944	1244
Bottom		
End		

Positional Information

Start
 Lat: 49 ° 24.072 N
 Lon: 124 ° 09.521 W

Bottom
 Lat: ° N
 Lon: ° W

End
 Lat: ° N
 Lon: ° W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: CPF1 Event # 43-44

Ship: Neocaligus

UTC Date (dd|mmm|yyyy): 19 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials							Comments			
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA					
1		40	0	✓ 0					x						Event 43 43
2		41	5	5											Event 42 44
3		42	0	0											Event 42 44
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): GC

Bottom Depth: 248 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2022	1322
Bottom		
End	2049	

Positional Information
 Start
 Lat: 49 ° 21.995 N
 Lon: 124 ° 05.023 W

Bottom
 Lat: ° N
 Lon: ° W

End
 Lat: 49 ° 22.004 N
 Lon: 124 ° 05.029 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2018-37 Station: 28 Event #: 47-48 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 July 2018

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA	IONS							
			√															
1		43	0	0						x							Event#:47	
2		44	0	0		x	xx					x					Event#:48	
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): GC

Bottom Depth: 136 m
 Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2225	1525
Bottom		
End	2230	

Positional Information

Start	Lat: 49 ° 24.138	N
	Lon: 123 ° 45.385	W

Bottom

Lat: °	N
Lon: °	W

End

Lat: 49 ° 24.136	N
Lon: 123 ° 45.374	W

Extra comments: