

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID:

2020-004

Station:

GEO1

Event #:

3-5

Ship:

Neocaligus

UTC Date (dd mmm/yyyy):

11 Feb 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed Pressure	HPLC	Nut-F	Sal						
1		1	Bot-5	✓	395m		XX					event 4	1.7L w/CTD
2		2	0	✓		XX	X					event 5	event 5
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): KY

Bottom Depth: 407 m
Transmisso Cleaned: Y N

Time	Event #	UTC	Local
Start	3	22:29	14:29
Bottom	4	22:38	14:38
End	5	22:49	14:38

Positional Information

Lat:	49 ° 15.025	N
Lon:	123 ° 45.470	W

event 4 ▼

Lat:	49 ° 14.989	N
Lon:	123 ° 45.406	W

event 5 ▼

Lat:	49 ° 14.991	N
Lon:	123 ° 45.606	W

Extra comments:
ctd event = 3
4 = 1.7L deep SAL
5 = 5L surface HPLC + nut

Cruise ID: 2020-004 Station: 3 Event #: 48 Ship: Neocaligus UTC Date (dd mmm yyyy): 12 Feb 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ☒ Pressure	HPLC	Nut-F											
1		3	0	☒	XX	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): KY

Bottom Depth: 328 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	<u>15:50</u>	<u>07:50</u>
Bottom		
End		

Positional Information

Start

Lat: 49 ° 26.715 N

Lon: 124 ° 20.326 W

Bottom

Lat: ° N

Lon: ° W

End

Lat: ° N

Lon: ° W

Extra comments:

Niskin broken. still got sample

ctd # 7

event

12 HPLC

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓	Pressure	HPLC	Nut-F											
1		4	0			xx	x											SL Niskin
2																		2L HPLC
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): KY

Bottom Depth: 194 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	16:40	01:40
Bottom		
End		

Positional Information

Start

Lat: 49 ° 30.592 N

Lon: 124 ° 27.825 W

Bottom

Lat: ° N

Lon: ° W

End

Lat: ° N

Lon: ° W

Extra comments:

ctd event # 9

1985L HPLC + nut

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	HPLC	Nut-F										
1		6	0	✓	xx	xx										2 L HPLC
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 ☒ Niskin other?

Watchkeeper(s): Y-Y

Bottom Depth: 169 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	20:28	12:28
Bottom		
End		

Positional Information

Start

Lat: 49 ° 35.466 N

Lon: 124 ° 38.313 W

Bottom

Lat: ° N

Lon: ° W

End

Lat: ° N

Lon: ° W

Extra comments:

cfd event = 16

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									
1		7	Bot-5	✓	345m		x		xx									event 21
2		8	0	✓		xx	x	x	x									event 22
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): KY

Bottom Depth: 357 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start 21	22:13	14:13
Bottom 22	22:23	14:23
End		

21 Start-

Positional Information

Lat: 49 ° 43.583 N

Lon: 124 ° 40.735 W

event 22 ▼

Bottom-

Lat: 49 ° 43.631 N

Lon: 124 ° 40.800 W

▼

End-

Lat: ° N

Lon: ° W

Extra comments:

ctd event = 20

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									
1		9	Bot-5	✓ 345		xx		xx									event 26
2		10	0	✓	xx	x	x										event 27
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): KY

Bottom Depth: 357 m

Transmisso Cleaned: Y N

Time	UTC	Local
Start 26	15:55	7:55
Bottom 27	16:04	8:04
End		

Went 26

Positional Information

Start

Lat: 49 ° 40.234 N

Lon: 124 ° 16.301 W

event 27 ▼

Bottom

Lat: 49 ° 40.227 N

Lon: 124 ° 16.335 W

▼

End

Lat: ° N

Lon: ° W

Extra comments:

ctd event = 25

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2021-004 Station: 2 Event #: 34 Ship: Neocaligus UTC Date (dd mmm yyyy): 13 Feb 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples				Comments
			Target Pressure	Confirmed ☒ Pressure	HPLC	Nut-F	Lugol's						
1		11	0	☒		xx	xx	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 ☒ Niskin other? ☐
Watchkeeper(s): KY

Bottom Depth: 285 m
Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	<u>19:51</u>	<u>11:51</u>
Bottom		
End		

Positional Information

Start	Lat: <u>49 ° 29.031</u> N
	Lon: <u>124 ° 09.310</u> W
Bottom	Lat: ° N
	Lon: ° W
End	Lat: ° N
	Lon: ° W

Extra comments:
CHL event 33

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2021-004 Station: 27 Event #: 39-40-41 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 13 Feb 2021

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									
1		12	Bot-5	✓	336m		xx		xx								event 40
2		13	0	✓		xx	x	x	x								event 41
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): KY

Bottom Depth: 347 m

Transmisso Cleaned: Y N

Time	UTC	Local
Start 40	22:59	19:59
Bottom 41	23:08	15:08
End		

event 40

Positional Information

Start

Lat: 49 ° 19.130 N

Lon: 123 ° 48.107 W

event 41 ▼

Bottom

Lat: 49 ° 19.182 N

Lon: 123 ° 48.208 W

▼

End

Lat: ° N

Lon: ° W

Extra comments:

cto event 39

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2021-004 Station: 39 Event #: 45 Ship: Neocaligus UTC Date (dd mmm yyyy): 14 Feb 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples								Comments
			Target Pressure	Confirmed Pressure	HPLC	Nut-F											
1		14	0	✓	xx	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 ☒ Niskin ☐ other?
Watchkeeper(s): KY

Bottom Depth: 380 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	17:36	09:36
Bottom		
End		

Positional Information

Start	Lat: 49 ° 09.836 N
	Lon: 123 ° 33.145 W

Bottom

Lat: ° N
Lon: ° W

End

Lat: ° N
Lon: ° W

Extra comments:
ctd event # 44

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2021-004 Station: 42 Event #: 52 Ship: Neocaligus UTC Date (dd mmm yyyy): 19 Feb 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core Samples								Comments
			Target Pressure	Confirmed ☒ Pressure	HPLC	Nut-F	Lugol's									
1		15	0	☒	xx	xx	x									
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:
ROS TRM X-Niskin other?
Watchkeeper(s):

Bottom Depth: 321 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	21:00	13:00
Bottom		
End		

Positional Information
Start
Lat: 49° 01.877 N
Lon: 123° 26.485 W

Bottom
Lat: ° N
Lon: ° W

End
Lat: ° N
Lon: ° W

Extra comments:
ctd events=51

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed Pressure	HPLC	Nut-F	Sal									
1		16	Bot-5	✓	168m		x	xx								event 55
2		17	0	✓		xx	x	x								event 56
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): KY

Bottom Depth: 179 m

Transmisso Cleaned: Y / N

Time UTC Local

Start 55: 23:06 15:06

Bottom 56: 23:11 15:11

End

55: Positional Information

Start Lat: 48 ° 51.386 N

Start Lon: 123 ° 10.960 W

56: Lat: 48 ° 51.379 N

Bottom Lon: 123 ° 11.147 W

End Lat: ° N

End Lon: ° W

Extra comments:

ctd event = 54

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Core_Samples										Comments
			Target Pressure	Confirmed ✓ Pressure	HPLC	Nut-F											
1		18	0	✓	xx	xx											
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: 2120 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	00:38	16:38
Bottom		
End		

Positional Information

Start

Lat: 48° 46.577 N

Lon: 123° 123.0165 W

Bottom

Lat: ° N

Lon: ° W

End

Lat: ° N

Lon: ° W

Extra comments:

c1d over = 58

Sampling Log

Cruise ID: 2021-004

Station: 59

Event #: 61

Ship: Neocaligus

UTC Date (dd mmm yyyy): 15 Feb 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments
			Target Pressure	Confirmed ☒ Pressure	HPLC	Nut-F							
1		19	0	☒		xx	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 ☒ Niskin other?
Watchkeeper(s): KY

Bottom Depth: 230 m
Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	<u>1622</u>	<u>08:22</u>
Bottom		
End		

Positional Information

Start	Lat: <u>48</u> ° <u>36.979</u>	<u>N</u>
	Lon: <u>125</u> ° <u>14.826</u>	<u>W</u>

Bottom

Lat: <u>1</u> °	<u>N</u>
Lon: <u></u> °	<u>W</u>

End

Lat: <u></u> °	<u>N</u>
Lon: <u></u> °	<u>W</u>

Extra comments:

ctd event # 60

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples				Comments
			Target Pressure	Confirmed ☒ Pressure	HPLC	Nut-F	Lugol's						
1		20	0	☒		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 ☒ Niskin other?
Watchkeeper(s): Ky

Bottom Depth: 87 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	18:51	10:51
Bottom		
End		

Positional Information

Lat:	48 ° 43.524	N
Lon:	123 ° 25.726	W

▼

Lat:	°	N
Lon:	°	W

▼

Lat:	°	N
Lon:	°	W

Extra comments:

ctd cast = 65