

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2021-025

Station: GEO1

Event #: 142

Ship: Neocaligus

UTC Date (dd|mmm|yyyy): 23 | Jul | 21

Niskin #		Firing #		Sample #		Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples										Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Profile type: CTD & Bot
ROS TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 401 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1947	1242
Bottom	48	
End	58	

Positional Information

Start	Lat: 49 ° 15 060 N	Lon: 123 ° 44 973 W
Bottom	Lat: 49 ° 15 084 N	Lon: 123 ° 44 986 W
End	Lat: 49 ° 15 132 N	Lon: 123 ° 44 011 W

Extra comments:

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	xx											Event 445 HPLC 1040mL
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: CTD/BOT

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 325 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2304	1604
Bottom	2310	
End	2315	

Positional Information

Start

Lat: 49 ° 26 590 N

Lon: 124 ° 20 275 W

Bottom

Lat: 49 ° 26 587 N

Lon: 124 ° 20 339 W

End

Lat: 49 ° 26 596 N

Lon: 124 ° 20 421 W

Extra comments:

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		4	0		XX	XX	X									EVENT #7 HPLC not done
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
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16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): MB MB

Bottom Depth: 61 m

Transmisso Cleaned: Y N

Time	UTC	Local
Start	01 01	1801
Bottom	01 02	
End	01 03	

Positional Information

Start

Lat: 49 ° 28 973 N

Lon: 124 ° 45 986 W

Bottom

Lat: 49 ° 28 972 N

Lon: 124 ° 45 997 W

End

Lat: 49 ° 28 972 N

Lon: 124 ° 45 997 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ☒	Pressure	HPLC	Nut-F											
1		5	0			xx	xx											EVENT # 12 HPLC 1040mL
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 9 BOT

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 191 m

Transmisso Cleaned: ☒ Y ☐ N

Time UTC Local

Start 1607 0907

Bottom 1610

End 1613

Positional Information

Start

Lat: 49 ° 30 582 N

Lon: 124 ° 27 792 W

Bottom

Lat: 49 ° 30 572 N

Lon: 124 ° 27 796 W

End

Lat: 49 ° 30 564 N

Lon: 124 ° 27 794 W

Extra comments:

Cruise ID: 2021-025			Station: 9			Event: 104												Date: 11/11/2021	
Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments	
			Target Pressure	Confirmed		HPLC	Nut-F												
				✓	Pressure														
1		6	0			xx	xx											EVENT # 14 HPLC	
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
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18																			
19																			
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21																			
22																			
23																			
24																			

Profile type: CTD 30F

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 167 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1212	1012
Bottom	1715	
End	1717	

Positional Information

StartLat: 49 ° 35 503 N

StartLon: 124 ° 43 303 W

BottomLat: 49 ° 35 500 N

BottomLon: 124 ° 43 292 W

EndLat: 49 ° 35 495 N

EndLon: 124 ° 43 275 W

Extra comments:

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-12				XX		x								EVENT 17
2		8	0			XX	x	x	XX								EVENT 18 HPLC: 1050ml
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
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24																	

Profile type: CTD & Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 353 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1916	1922
Bottom	1922	
End	1929	

Positional Information

Start

Lat: 49 ° 43 618 N

Lon: 124 ° 40 804 W

Bottom

Lat: 49 ° 43 613 N

Lon: 124 ° 40 801 W

End

Lat: 49 ° 43 607 N

Lon: 124 ° 40 806 W

Extra comments:

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-12				x		xx								Event 21
2		10	0			xx	xx	x	x								Event 22 HPLC 1040mL
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: CTD & Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 352 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	2227	1527
Bottom	2233	
End	2240	

Positional Information

StartLat: 49 ° 40 223 N

StartLon: 124 ° 10 320 W

BottomLat: 49 ° 40 223 N

BottomLon: 124 ° 16 319 W

EndLat: 49 ° 40 241 N

EndLon: 124 ° 16 338 W

Extra comments:

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2021-025

Station: 2

Event #: 28/29

Ship: Neocaligus

UTC Date (dd|mmm|yyyy): 25 | JUL | 2021

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken			Sample Lists: Core_Samples										Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Target	Confirmed	Pressure	HPLC	Nut-F	Lugol's																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

Profile type: CTD & RBT
ROS TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 278 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1625	0905
Bottom	1633	
End	1634	

Positional Information

Lat:	49 ° 24 128	N
Lon:	124 ° 9 378	W

▼

Lat:	49 ° 24 102	N
Lon:	124 ° 9 326	W

▼

Lat:	49 ° 24 077	N
Lon:	124 ° 9 332	W

Extra comments:

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-12			xx		x									Event 33 34
2		13	0			xx	x	x	xx								Event 34 35 HPLC 1040
3																	
4																	
5																	
6																	
7																	
8																	
9																	
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22																	
23																	
24																	

Profile type: CID & Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 344 m

Transmisso Cleaned: Y N

Time	UTC	Local
Start	1932	1232
Bottom	1938	
End	1945	

Positional Information

StartLat: 49 ° 19 074 N

Lon: 123 ° 48 023 W

BottomLat: 49 ° 19 058 N

Lon: 123 ° 48 016 W

EndLat: 49 ° 19 037 N

Lon: 123 ° 48 014 W

Extra comments:

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	xx								EVENT 39 HPLC 1640
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
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16															
17															
18															
19															
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22															
23															
24															

Profile type: CTD + Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 375 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2143	1443
Bottom	50	
End	56	

Positional Information

StartLat: 49 ° 9 812 N

StartLon: 123 ° 33 973 W

BottomLat: 49 ° 9 837 N

BottomLon: 123 ° 33 981 W

EndLat: 49 ° 9 855 N

EndLon: 123 ° 33 977 W

Extra comments:

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2021-025

Station: 42

Event #: 45/46

Ship: Neocaligus

UTC Date (dd|mmm|yyyy): 26 | Jul | 2021

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		15	0			xx	xx	x										EVENT # 46
2																		HPLC 10410
3																		
4																		
5																		
6																		
7																		
8																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Version: 13NOV2020

Transmissometer to be used: M-1

Profile type: CTD & Ros
ROS TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 320 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	1543	0843
Bottom	1648	
End	53	

Positional Information

Lat:	49 °	1	823	N
Lon:	123 °	26	199	W

Bottom

Lat:	49 °	1	734	N
Lon:	123 °	26	142	W

End

Lat:	49 °	1	703	N
Lon:	123 °	26	116	W

Extra comments:

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				X	XX									Event 48
2		17	0			XX	XX	X									Event 49 HPLC 1040mL
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: CTD & Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 180 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1739	1054
Bottom	1737	
End	1740	

Positional Information

Start

Lat: 48 ° 51 354 N

Lon: 123 ° 10 784 W

Bottom

Lat: 48 ° 51 312 N

Lon: 123 ° 10 720 W

End

Lat: 48 ° 51 096 N

Lon: 123 ° 10 657 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2021-025 Station: 56 Event #: 51/52 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 26 | Jul | 2021

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments
			Target	Confirmed	Pressure	HPLC	Nut-F											
			Pressure	√												Pressure		
1		18	0			xx	xx											Event 52 HPLC 1640mL
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																		

Version: 13NOV2022

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

Bottom Depth: 208 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	1848	1148
Bottom	51	
End	54	

Positional Information

Start	Lat: 48 ° 46 435 N
	Lon: 123 ° 1 654 W
Bottom	Lat: 48 ° 46 456 N
	Lon: 123 ° 1 175 W
End	Lat: 48 ° 46 334 N
	Lon: 123 ° 1 871 W

Extra comments:

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	xx											EVENT 54 HAC: 1540 ml
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: CTD & Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2016	1316
Bottom	2020	
End	2024	

Positional Information

Start

Lat: 48 ° 37 027 N

Lon: 123 ° 15 013 W

Bottom

Lat: 48 ° 37 019 N

Lon: 123 ° 14 989 W

End

Lat: 48 ° 37 013 N

Lon: 123 ° 14 981 W

Extra comments:

Cruise ID:			2021-025		Station:		SC-04		Event #:		5475		Date:		11/11/20		Time:		11:00	
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	xx	x												Event 59 HPLC: 1040m
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: CTD & Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 91 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2218	1518
Bottom	2220	
End	2221	

Positional Information

StartLat: 48 ° 43 479 N

StartLon: 123 ° 25 037 W

BottomLat: 48 ° 43 476 N

BottomLon: 123 ° 25 058 W

EndLat: 48 ° 43 477 N

EndLon: 123 ° 25 073 W

Extra comments: