

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: GEO1 Event #: 142 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 16 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments/	
			Target Pressure	Confirmed ✓	Pressure	Sal	Chl	HPLC	Phyto	Nuts						Event number
1		1	b-10			x				x						* distance (m):
2		2	0				x	xx		x						
3																
4																
5																
6																
7																
8																
9																
10																
11																
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24																

Profile type: CTD BOT
ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 407 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1921	1221
Bottom	1928	
End	1957	

Positional Information

StartLat: 49 ° 14 987 N
Lon: 123 ° 45 377 W

BottomLat: 49 ° 14 961 N
Lon: 123 ° 45 336 W

EndLat: 49 ° 14 915 N
Lon: 123 ° 45 293 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 2 Event #: 495 (BOT) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 16 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation			Samples Taken / Sampler's Initials												Comments	
			Target Pressure	Confirmed ✓	Pressure	Sal	Chl	HPLC	Phyto	Nuts									
1		3	0				x	xx	x	x									
2																			
3																			
4																			
5																			
6																			
7																			
8																			
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17																			
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19																			
20																			
21																			
22																			
23																			
24																			

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

Watchkeeper(s): MB

Bottom Depth: 278 m

Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	22 31	15 31
Bottom	22 37	
End	22 42	

Positional Information

StartLat: 49 ° 24 121 N

StartLon: 124 ° 09 307 W

BottomLat: 49 ° 24 083 N

BottomLon: 124 ° 09 283 W

EndLat: 49 ° 24 042 N

EndLon: 124 ° 09 249 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 3 Event #: 6 + 7 (Bot) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 16 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation			Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed ☒	Pressure	Sal	Chl	HPLC	Phyto	Nuts								
1		4	0				x	xx		x								
2																		
3																		
4																		
5																		
6																		
7																		
8																		
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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: 321 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	23 37	16 37
Bottom	23 43	
End	23 49	

Positional Information

Lat: 49 ° 26 581 N

Lon: 124 ° 20 171 W

Lat: 49 ° 26 559 N

Lon: 124 ° 20 103 W

Lat: 49 ° 26 553 N

Lon: 124 ° 20 067 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: BS-11 Event #: 8 + 9 (Bot) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 17 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments	
			Target Pressure	Confirmed ✓	Pressure	Sal	Chl	HPLC	Phyto	Nuts						
1		5	0				x	xx	x	x						
2																
3																
4																
5																
6																
7																
8																
9																
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22																
23																
24																

Profile type: Bot
ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 60 m

Transmisso Cleaned: Y N

Time	UTC	Local
Start	1414	0714
Bottom	1415	
End	1416	

Positional Information

StartLat: 49 ° 28 995 N
Lon: 124 ° 46 000 W

BottomLat: 49 ° 28 992 N
Lon: 124 ° 45 997 W

EndLat: 49 ° 28 990 N
Lon: 124 ° 45 995 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 6 Event #: 13 + 14 (BOT) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 17 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts									
1		6	0				x	xx		x								
2																		
3																		
4																		
5																		
6																		
7																		
8																		
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21																		
22																		
23																		
24																		

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

Bottom Depth:	193	m
Transmisso Cleaned:	(Y)	N

Time	UTC	Local
Start	1633	0933
Bottom	1636	
End	1640	

Positional Information
Start
Lat: 49 ° 30 611 N
Lon: 124 ° 27 800 W

Bottom
Lat: 49 ° 30 598 N
Lon: 124 ° 27 765 W

End
Lat: 49 ° 30 567 N
Lon: 124 ° 27 710 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 9 Event #: 15 + 16 (bot) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 17 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts									
1		7	0				xx	xx		xx								
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
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21																		
22																		
23																		
24																		

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

Bottom Depth: 170 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1740	1040
Bottom	1743	
End	1740	

Positional Information

Lat:	49 ° 35 497 N
Lon:	124 ° 38 302 W

Start

Lat:	49 ° 35 488 N
Lon:	124 ° 38 281 W

Bottom

Lat:	49 ° 35 468 N
Lon:	124 ° 38 245 W

End

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 12 Event #: 1920 (Bot) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 17 | Mar | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments		
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts								
1		8	b-10			x				x							* distance (m): EVENT 19
2		9	0				x	xx	x	x							EVENT 20
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
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16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 357 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1930	1230
Bottom	1937	
End	1944	

Positional Information

Lat:	49 ° 43 607	N
Lon:	124 ° 40 775	W

Start

Lat:	49 ° 43 582	N
Lon:	124 ° 40 778	W

Bottom

Lat:	49 ° 43 550	N
Lon:	124 ° 40 772	W

End

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 22 Event #: 23 + 24 (525 Br) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 17 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation			Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed ✓	Pressure	Sal	Chl	HPLC	Phyto	Nuts								
1		10	b-10			xx				x								* distance (m):
2		11	0				x	xx	x	x								
3																		
4																		
5																		
6																		
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17																		
18																		
19																		
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21																		
22																		
23																		
24																		

Profile type: CTD Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 354 m

Transmisso Cleaned: Y N

Time	UTC	Local
Start	2236	1536
Bottom	2242	
End	2250	

Positional Information

Lat: 49 ° 40 213 N

Lon: 124 ° 16 293 W

Lat: 49 ° 40 195 N

Lon: 124 ° 16 222 W

Lat: 49 ° 40 111 N

Lon: 124 ° 16 201 W

Extra comments:

* ADD SAL IF NECESSARY

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 27 Event #: 32833(B.T.) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 18 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts									
1		12	0			x	xx	x	x									
2																		
3																		
4																		
5																		
6																		
7																		
8																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: CTD-B.T.
ROS TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 348 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	1643	0943
Bottom	1649	
End	1655	

Positional Information
Start
Lat: 49 ° 19 092 N
Lon: 123 ° 47 994 W

Bottom
Lat: 49 ° 19 081 N
Lon: 123 ° 47 961 W

End
Lat: 49 ° 18 902 N
Lon: 123 ° 47 937 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 28 Event #: 34 & 35 (Rt) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 18 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts									
1		13	0			xx												
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth:	136 m
Transmisso Cleaned:	Y / N

Time	UTC	Local
Start	1747	1047
Bottom	1751	
End	1753	

Positional Information	
Start	Lat: 49 ° 24 105 N Lon: 123 ° 45 331 W

Bottom	Lat: 49 ° 24 097 N Lon: 123 ° 45 314 W
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End	Lat: 49 ° 24 097 N Lon: 123 ° 45 307 W
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Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 39 Event #: 39440(BOT) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 18 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts						
1		14 13	b-10		x				x						* distance (m):
2		15 14	0			x	xx		x						
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: 377 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	13 35	16 35
Bottom	23 41	
End	23 49	

Positional Information

Start

Lat: 49 ° 9 805 N

Lon: 123 ° 33 966 W

Bottom

Lat: 49 ° 9 800 N

Lon: 123 ° 33 883 W

End

Lat: 49 ° 9 780 N

Lon: 123 ° 33 871 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 42 Event #: 47548 (Bot) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts									
1		16	b-10			x				x								* distance (m):
2		17	0				xx	xx	x	xx								
3																		
4																		
5																		
6																		
7																		
8																		
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15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 321 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1656	0956
Bottom	1702	
End	1708	

Positional Information

Lat:	49 ° 1 791	N
Lon:	123 ° 26 208	W

Start

Bottom

End

Lat:	49 ° 1 781	N
Lon:	123 ° 26 249	W

Lat:	49 ° 1 780	N
Lon:	123 ° 26 252	W

Extra comments:

*SAL IF NECESSARY

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 46 Event #: 50 f 51 (65) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments/		
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts							Event number	
1		18	0			x	xx		x								
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
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13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 180 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1900	1200
Bottom	1903	
End	1906	

Positional Information
Start
Lat: 48 ° 51 387 N
Lon: 123 ° 10 809 W

Bottom
Lat: 48 ° 51 366 N
Lon: 123 ° 10 775 W

End
Lat: 48 ° 51 351 N
Lon: 123 ° 10 753 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 56 Event #: 53 & 54 (Bot) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation			Samples Taken / Sampler's Initials											Comments
			Target Pressure	Confirmed ☒	Pressure	Sal	Chl	HPLC	Phyto	Nuts							
1		19	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: CTD - Bot

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 210 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2016	1316
Bottom	2020	
End	2025	

Positional Information

StartLat: 48 ° 46 403 N

StartLon: 123 ° 1 607 W

BottomLat: 48 ° 46 436 N

BottomLon: 123 ° 1 574 W

EndLat: 48 ° 46 463 N

EndLon: 123 ° 1 585 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2020-007 Station: 59 Event #: 55456 (BOT) Ship: Neocaligus UTC Date (dd|mmm|yyyy): 19 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation			Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed ✓	Pressure	Sal	Chl	HPLC	Phyto	Nuts								
1		20	0				x	xx		x								
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
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15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: CTD-BOT

ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 237 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2159	1459
Bottom	2203	
End	2206	

Positional Information

Start

Lat: 48 ° 36 931 N

Lon: 123 ° 14 930 W

Bottom

Lat: 48 ° 36 880 N

Lon: 123 ° 14 867 W

End

Lat: 48 ° 36 853 N

Lon: 123 ° 14 845 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID:

2020-007

Station:

SC-04

Event #:

60561(B5)

Ship:

Neocaligus

UTC Date (dd|mmm|yyyy):

20 | MAR | 2020

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	Nuts						
1		21	0			x	xx	x	x						
2															
3															
4															
5															
6															
7															
8															
9															
10															
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18															
19															
20															
21															
22															
23															
24															

Profile type:	CID-B5
ROS TRM X-Niskin other?	
Watchkeeper(s):	MB

Bottom Depth:	95	m
Transmisso Cleaned:	☒ Y ☐ N	

Time	UTC	Local
Start	0015	1715
Bottom	0017	
End	0018	

Positional Information
Start
Lat: 48 ° 43 553 N
Lon: 123 ° 25 997 W

Bottom
Lat: 48 ° 43 545 N
Lon: 123 ° 25 000 W

End
Lat: 48 ° 43 548 N
Lon: 123 ° 25 996 W

Extra comments: