

Water Properties Group

Sampling Log

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

Cruise ID: 2019-007 Station: 41 Event #: 58-59 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 7 | Mar | 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments	
			Target Pressure	Confirmed ✓ Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA						
1		42	5-10	✓						x						2-5L Niskins mixed, 1@5m, 1@0m #59
2		41	0	✓					x							event 58
3																
4																
5																
6																
7																
8																
9																
10																
11																
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17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): KY

Bottom Depth: 244 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start 58	20:08	12:08
Bottom 59	20:21	12:21
End		

Positional Information

Start

Lat: 49 ° 3.301 N

Lon: 123 ° 22.278 W

Bottom

Lat: 49 ° 3.311 N

Lon: 123 ° 22.289 W

End

Lat: ° N

Lon: ° W

Extra comments:

Cruise ID: 2019-007 Station: 42 Event #: 62 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 7 | Mar | 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments	
			Target Pressure	Confirmed ☒ Pressure	Sal	chl	HPLC	Phyto	POM-SI	POM-FA						
1		43	0	☒		x	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: 324 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	21:01	13:01
Bottom		
End		

Positional Information

Lat: 49 ° 1.812 N

Lon: 123 ° 26.175 W

▼

Bottom

Lat: ° N

Lon: ° W

▼

End

Lat: ° N

Lon: ° W

Extra comments:

chl a - 304 mL

HPLC - 1040 mL

Water Properties Group

Sampling Log

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

Cruise ID: 2019-007 Station: 46 Event #: 64, 65, 67 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 7 | Mar | 2019

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	Nuts			
1		46	b-10	✓	172	x					x	x	x			event 67 ↓ surf
2		47	100	✓		xx					xx	x	x			
3		48	75	✓		x					x	x	xx			
4		49	50	✓		x					x	x	x			
5		50	20	✓		x					x	xx	x			
6		51	5	✓		x					x	x	x			
7		52	0	✓		x					x	x	x			
8		45	0	✓			xx	xx								event 65
9		44	0	✓					x							event 64
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: 182 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start 64	22:49	
Bottom 65	22:50	
End 67	23:19	15:19

Positional Information

Lat:	48 ° 51.413	N
Lon:	123 ° 10.813	W

Positional Information

Lat:	48 ° 51.414	N
Lon:	123 ° 10.807	W

Positional Information

Lat:	48 ° 51.417	N
Lon:	123 ° 10.799	W

Extra comments:
chl a - 304 mL
HPLC - 1040 mL

Water Properties Group

Sampling Log

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

Cruise ID: 2019-007 Station: 56 Event #: 69 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 7 | Mar | 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ☒ Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA					
1		53	0	☒		xx	xx								
2															
3															
4															
5															
6															
7															
8															
9															
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22															
23															
24															

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): KY

Bottom Depth: 215 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0:29	16:29
Bottom		
End		

Positional Information

StartLat: 48 ° 46.429 N
Lon: 123 ° 1.607 W

BottomLat: ° N
Lon: ° W

EndLat: ° N
Lon: ° W

Extra comments:
chl-a 304mL
HPLC 1040mL

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ✓ Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA					
1		56	0-5m	✓						x					2-5L Niskins mixed, 1@5m, 1@0m
2		54	0	✓					x						event 71
3		55	0	✓		x	xx								event 72
4															
5															
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23															
24															

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): KY

Bottom Depth: 234 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start 71	16:37	08:37
Bottom 72	16:39	
End 73	16:51	

Positional Information

Start

Lat: 48 ° 37.036 N

Lon: 123 ° 14.974 W

Bottom

Lat: 48 ° 37.021 N

Lon: 123 ° 14.969 W

End

Lat: 48 ° 37.037 N

Lon: 123 ° 14.989 W

Extra comments:

chl 304mL
HPLC - 1040mL

Water Properties Group

Sampling Log

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

Cruise ID: 2019-007 Station: SC-04 Event #: 78-79 Ship: Neocaligus UTC Date (dd|mmm|yyyy): 8 | Mar | 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments	
			Target Pressure	Confirmed ✓ Pressure	Sal	Chl	HPLC	Phyto	POM-SI	POM-FA						
1		57	0	✓					x							event 78
2		58	0	✓		x	xx	x								event 79
3																
4																
5																
6																
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24																

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): KY

Bottom Depth: 89 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start 78	19:01	11:01
Bottom 79	19:02	
End		

Positional Information

Lat: 48 ° 43.508 N

Lon: 123 ° 25.903 W

Start

Bottom

Lat: 48 ° 43.509 N

Lon: 123 ° 25.904 W

End

Lat: ° N

Lon: ° W

Extra comments:

chl a 304 mL

HPLC 1040 mL