

Water Properties Group

Sampling Log

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

Cruise ID: 2016-62 Station: 24 Event #: 197 Ship: Tully UTC Date (dd mmm yyyy): 11 SEP 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments					
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-Fr	Nut-C	CHL	HPLC	NH4	Phyto								
1		419	20	✓	20			xx		xx										
2																				
3		420	10	✓	10			x		xx										
4		421	0	✓	1.9			x		xx	xx									Fluo: 2.3
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				Fluo:
22																				
23																				
24																				

Profile type:
☒ ROS ☐ TRM ☐ X-Niskin ☐ other?
Watchkeeper(s): MR

Bottom Depth: 428 m
Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	2118	1418
Bottom	2126	
End	2135	

Positional Information

Lat:	49° 30.18	N
Lon:	124° 05.91	W

▼

Lat:	49° 30.22	N
Lon:	124° 05.91	W

▼

Lat:	49° 30.28	N
Lon:	124° 05.92	W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2016-62 Station: 28 Event #: 200 Ship: Tully UTC Date (dd mmm yyyy): 11 SEP 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials											Comments
			Target Pressure	Confirmed ✓ Pressure	Oxy	Sal	Nut-Fr	Nut-C	CHL	HPLC	NH4	Phyto				
1		422	20	✓ 20			x		xx							
2		423	10	✓ 10			xx		xx							
3		424	0	✓ 2			x		xx	xx						FLUO: 1.8
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																Fluo:
21																
22																
23																
24																

Profile type:
☒ ROS ☐ TRM ☐ X-Niskin ☐ other?
Watchkeeper(s): MR

Bottom Depth: 136 m
Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	2349	1649
Bottom	2352	
End	2357	

Positional Information
Start
Lat: 49° 24.04 N
Lon: 123° 45.24 W

Bottom
Lat: 49° 24.04 N
Lon: 123° 45.25 W

End
Lat: 49° 24.04 N
Lon: 123° 45.28 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2016-62 Station: GEO1 Event #: 201 Ship: Tully UTC Date (dd mmm yyyy): 12 SEP 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ✓ Pressure	Oxy	Sal	Nut-Fr	Nut-C	CHL	HPLC	NH4	Phyto			
1		425	b-10	✓	394			x							
2		426	200	✓	200			x							
3		427	100	✓	100			xx							
4		428	75	✓	75			x							
5		429	50	✓	50			x							
6		430	40	✓	40			x							
7		431	30	✓	30			x							
8		432	20	✓	20			x	xx						
9		433	10	✓	10			x	xx						
10		434	5	✓	5			x							
11		435	0	✓	1.9			x	xx	xx		x			FLUO: 4.3
12															
13															
14															
15															
16															
17															
18															
19															
20															Fluo:
21															
22															
23															
24															

Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?
Watchkeeper(s): MR

Bottom Depth: 400 m
Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0100	1800
Bottom	0107	
End	0121	

Positional Information
Start
Lat: 49° 15.18 N
Lon: 123° 44.90 W

Bottom
Lat: 49° 15.11 N
Lon: 123° 44.93 W

End
Lat: 49° 15.14 N
Lon: 123° 45.00 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2016-62 Station: 38 Event #: 204 Ship: Tully UTC Date (dd mmm yyyy): 12 SEP 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ✓ Pressure	Oxy	Sal	Nut-Fr	Nut-C	CHL	HPLC	NH4	Phyto			
1		436	20	✓ 20			x		xx						
2		437	10	✓ 10			x		xx						
3		438	0				xx		xx	xx					FLUO: 3.9
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															Fluo:
21															
22															
23															
24															

Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?
Watchkeeper(s): MR

Bottom Depth: 302 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	0358	2058
Bottom	0403	
End	0410	

Positional Information
Start Lat: 49° 11.95 N
Lon: 123° 26.30 W

Bottom Lat: 49° 11.96 N
Lon: 123° 26.31 W

End Lat: 49° 11.95 N
Lon: 123° 26.34 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2016-62 Station: 41 Event #: 206 Ship: Tully UTC Date (dd mmm yyyy): 12 Ros 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials											Comments
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-Fr	Nut-C	CHL	HPLC	NH4	Phyto	DIC			
1		439	b-10	✓ 237			x									
2		440	200	✓ 201			xx						x			
3		441	175	✓ 175			x						xx			
4		442	150	✓ 150			x						x			
5		443	125	✓ 125			x						x			
6		444	100	✓ 100			x						x			
7		445	75	✓ 75			x						xx			
8		446	50	✓ 50			x						x			
9		447	40	✓ 40			x						x			
10		448	30	✓ 30			x						x			
11		449	20	✓ 20			x		xx				x			
12		450	10	✓ 10			x		xx				x			
13		451	5	✓ 5			x						x			
14		452	0	✓ 18			x		xx	xx			x			Fluo 35
15																
16																
17																
18																
19																
20																Fluo:
21																
22																
23																
24																

Profile type:
☒ ROS ☐ TRM ☐ X-Niskin ☐ other?
Watchkeeper(s): MR

Bottom Depth:	243	m
Transmisso Cleaned:	☒ Y ☐ N	

Time	UTC	Local
Start	0539	2239
Bottom	0544	
End	0600	

Positional Information		
Start	Lat: 49° 03.23	N
	Lon: 123° 22.35	W

Bottom	Lat: 49° 03.24	N
	Lon: 123° 22.36	W

End	Lat: 49° 03.29	N
	Lon: 123° 22.41	W

Extra comments:
