

Water Properties Group

Sampling Log

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

Cruise ID: 2019-069 Station: CHAT1

Event #: 123

Ship: Tully

UTC Date (dd mmm yyyy): 08 Aug 2017

Cruise ID:			Station:			Event #:			Ship:			Tully			UTC Date (dd mm yy)			Comments			Profile type: ROS TRM X-Niskin other?		
Niskin #	Firing #	Sample #	Rosette Oper X Target Pressure	Confirmed ✓ Pressure	Samples Taken / Sampler's Initials Oxy Nut Nut Sal Chl a HPLC PHYTO DIC TOC DOC CDOM O18 SPC NH4																		
1		474	B-5	✓ 110				X						X	X	X	X						
2		475	B-5	✓ 110	X	X												XXX					
3		476	B-5	✓ 110																			
4		477	75	✓ 75	X	X								X	X	X	X						
5		478	75	✓ 75				X															
6		479	50	✓ 50	X	XX								X	X	X	X						
7		480	50	✓ 50				X															
8		481	30	✓ 30	XX	X								X	X	X	X						
9		482	30	✓ 30				X															
10		483	20	✓ 20	X	X								X	X	X	X						
11		484	20	✓ 20				X															
12		485	10	✓ 10	X	X								X	X	X	X						
13		486	10	✓ 10				X															
14		487	5	✓ 5	XX	X								XX	XX	XX	XX						
15		488	5	✓ 5				X															
16		489	0	✓ 2.2	X	X				XX		X		X	X	X	X						
17		490	0	✓ 2.2				X										XXX					
18		491	0	✓ 2.2																			
19																							
20																							
21																							
22																							
23																							
24																							

Bottom Depth: 116 m

Transmisso Cleaned: Y / N

Time UTC

Start 1528 0828

Bottom 1530 0830

End 1538 0838

Positional Information

Lat: 54° 12.095 N

Lon: 130° 27.365 W

Lat: 54° 12.096 N

Lon: 130° 27.365 W

Lat: 54° 12.097 N

Lon: 130° 27.365 W

Extra comments:

SUPER CHEM

Water Properties Group

Sampling Log

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

Cruise ID: 2019-069

Station: PRH74

Event #: 124

Ship: Tully

UTC Date (dd mmm yyyy): 08 AUG 2019

			Rosette Oper X		Samples Taken / Sampler's Initials														
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Nut	Sal	Chl a	HPLC	PHYTO	DIC	T'OC	DOC	CDOM	O18	SPC	NH4	
						FROZEN	COOL												
1		558	B-5	✓36.5				X					X	X	X	X		XX	
2		559	B-5	✓36.5		X							X	X	X	X			
3		560	30	✓30				X										XX	
4		561	30	✓30		X												XX	
5		562	20	✓20		X			XX									XX	
6		563	10	✓10		XX			X									XX	
7		564	5	✓5		X												XX	
8		565	0	✓2.2		X			X				XX	XX	XX	XX			
9		566	0	✓2.2				X									XXX		
10		567	0	✓2.2															
11		568	0	✓2.2		BOTTLE 11 FOR ALISON													
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21						SUPER MINI: NO DISSOLVED OXYGEN													
22																			
23																			
24																			

incubator to be cleaned before each cast, do not use Ammonia products

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

Bottom Depth: 40 m
 Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	1644	0941
Bottom	1642	0942
End	1647	0947

Positional Information
 Lat: 54° 13.510 N
 Lon: 130° 21.090 W

Lat: 54° 13.507 N
 Lon: 130° 21.089 W

Lat: 54° 13.507 N
 Lon: 130° 21.090 W

Extra comments:

SUPER MINI: NO DISSOLVED OXYGEN

BOTTLE 11 FOR ALISON

Water Properties Group

Sampling Log

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

Cruise ID: 2019-069 Station: CH23

Event #: 125

Ship: Tully

UTC Date (dd mmm yyyy): 08 Aug 2019

[illegible]

Sampling Log

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

Cruise ID: 2019-069 Station: CH27

Event #: 127

Ship: Tully

UTC Date (dd mmm yyyy): 08 AUG 2019

Niskin #		Firing #	Sample #	Rosette Oper X Target Pressure	Confirmed Pressure	Samples Taken / Sampler's Initials														Ship: Tully	UTC Date (dd mmm yyyy): 08 AUG 2019	
						Oxy	Nut	Nut	Sal	Chl a	HPLC	PHYTO	DIC	TOC	DOC	CDOM	O18	SPC	NH4	Comments	Profile type: ROS TRM X-Niskin other?	
							FROZEN	COOL													Watchkeeper(s): SP	
1		569	B-5	✓ 44					X													
2		570	B-5	✓ 44			X							X	X	X	X					
3		571	30	✓ 30					X										XX			
4		572	30	✓ 30			X							X		X	X					
5		573	20	✓ 20			X			XX									XX			
6		574	10	✓ 10			XX			XX									XX			
7		575	5	✓ 5			X												XX			
8		576	0	2.3			X			X									XX			
9		577	0	2.3					X					XX	XX	XX	X		XX			
10		578	0	2.3																		
11		579	C	2.3														XXX				
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						

Version: 25 Nov 2011

Transmissometer to be cleaned before each cast, do not use Ammonia products

Water Properties Group

Sampling Log

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

Cruise ID: 2019-069 Station: MP55

Event #: 128

Ship: Tully

UTC Date (dd mmm yyyy): 08 AUG 2019

Niskin #	Firing #	Sample #	Rosette Oper X		Samples Taken / Sampler's Initials												Comments	Profile type: ROS TRM X-Niskin other? Watchkeeper(s): SP		
			Target Pressure	Confirmed Pressure	Oxy	Nut	Nut	Sal	Chl a	HPLC	PHYTO	DIC	TOC	DOC	CDOM	O18			SPC	NH4
1		580	B-5	✓	102.5				X				X	X	X	X				
2		581	B-5	✓	102.5			X									XX			Bottom Depth: 106 m
3		582	75	✓	75			X									XX			Transmisso Cleaned: Y / N
4		583	50	✓	50				X			X	X	X	X					
5		584	50	✓	50			X									XX			Time UTC Local
6		585	30	✓	30			X									XX			Start 21 03 1403
7		586	20	✓	20			X		X							XX			Bottom 21 05 1405
8		587	10	✓	10			X		X							XX			End 21 14 1414
9		588	5	✓	5			X									XX			
10		589	0		2.3			X		XX							XX			Positional Information
11		590	0		2.3			X				X	X	X	X					Lat: 54° 4.180 N
12		591	0		2.3											XXX				Lon: 130° 15.980 W
13			0																	
14																				Lat: 54° 4.190 N
15																				Lon: 130° 15.980 W
16																				
17																				Lat: 54° 4.190 N
18																				Lon: 130° 15.910 W
19																				
20																				Extra comments:
21																				
22																				
23																				
24																				

Version: 25 Nov 2011

Transmissometer to be cleaned before each cast, do not use Ammonia products

54 4.1828
130 16.0263

Water Properties Group

Sampling Log

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

Cruise ID: 2019-069 Station: CH29 Event #: 129 Ship: Tully UTC Date (dd mmm yyyy): 08 AUG 2019

Niskin #	Firing #	Sample #	Rosette Oper X		Samples Taken / Sampler's Initials												Comments	Profile type:					
			Target	Confirmed	Oxy	Nut	Nut	Sal	Chl a	HPLC	PHYTO	DIC	TOC	DOC	CDOM	O18		SPC	NH4	ROS	TRM	X-Niskin	other?
			Pressure	✓ Pressure		FROZEN	COOL																
1		592	B-5	✓ 79.9		X																Bottom Depth: 85 m	
2		593	50	✓ 50		X																Transmisso Cleaned: Y / N	
3		594	30	✓ 30		X																	
4		595	20	✓ 20		XX			X														
5		596	10	✓ 10		X			f														
6		597	5	✓ 5		X																	
7		598	0	✓ 2.2		X			XX									XXX					
8		599	0	✓ 2.2																			
9		600	0	✓ 2.2																			
10																							
11																							
12																							
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24																							

MINI SUPER; NO DISSOLVED OXYGEN

BOTTLE 9 FOR ALISON

Water Properties Group

Sampling Log

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

Cruise ID:

2019-069

Station: OGCH50

Event #:

130

Ship:

Tully

UTC Date (dd mmm yyyy):

08 AUG 2019

Niskin #	Firing #	Sample #	Rosette Oper X		Samples Taken / Sampler's Initials												Comments	Profile type:			
			Target Pressure	Confirmed Pressure	Oxy	Nut	Nut	Sal	Chl a	HPLC	PHYC	DIC	TOC	DOC	CDOM	O18		SPC	NH4	ROS	TRM
1		601	B-5	✓	127		X														
2		602	100	✓	100		X														
3		603	75	✓	75		X														
4		604	50	✓	50		X														
5		605	30	✓	30		XX														
6		606	20	✓	20		X		XX	Xk											
7		607	10	✓	10		X		X	X											
8		608	5	✓	5		X														
9		609	0	✓	2.3		X		X	X											
10		610	0	✓	2.3												XXX				
11		611	0	✓	2.3																
12																					
13																					
14																					
15																					
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																					
24																					

Bottom Depth: 133 m

Transmisso Cleaned: (Y) N

Time UTC Local

Start 2241 1541

Bottom 2244 1544

End 2253 1553

Positional Information

Lat: 53° 59.450 N

Lon: 130° 12.480 W

▼

Lat: 53° 59.440 N

Lon: 130° 12.460 W

▼

Lat: 53° 59.440 N

Lon: 130° 12.460 W

Extra comments:

NUTRIENTS ONLY + PARTICLES

BOTTLE 11 FOR ALISON

Water Properties Group

Sampling Log

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

Cruise ID: 2019-069

Station: OGCH46

Event #: 131

Ship: Tully

UTC Date (dd mmm yyyy): 08 AUG 2019

Niskin #	Firing #	Sample #	Rosette Oper X		Samples Taken / Sampler's Initials											Comments	Profile type: ROS TRM X-Niskin other? Watchkeeper(s): SP				
			Target Pressure	Confirmed Pressure	Oxy	Nut	Nut	Sal	Chl a	HPLC	PHYTO	DIC	TOC	DOC	CDOM			O18	SPC	NH4	
1	622	B-5	B-5	✓ 145.8				X						X	X	X	X		XX		Bottom Depth: 150 m
2	623	B-5	B-5	✓ 145.8			X												XX		Transmisso Cleaned: (Y) N
3	624	100	100	✓ 100			X												XX		
4	625	75	75	✓ 75			X							X	X	X	X				Time UTC Local
5	626	50	50	✓ 50				X											XX		Start 2333 1633
6	627	50	50	✓ 50			X												XX		Bottom 2336 1636
7	628	30	30	✓ 30			XX												XX		End 2345 1645
8	629	20	20	✓ 20			X			XX									XX		Positional Information
9	630	10	10	✓ 10			X												XX		Lat: 53° 55.484 N
10	631	5	5	✓ 5			X							XX	XX	XX	XX				Lon: 130° 13 115 W
11	632	0	0	✓ 2.2				X											XX		
12	633	0	0	✓ 2.2			X												XXX		Lat: 53° 55.483 N
13	634	0	0	✓ 2.2																	Lon: 130° 13 104 W
14	635	0	0	✓ 2.2																	
15																					Lat: 53° 55 484 N
16																					Lon: 130° 13 141 W
17																					
18																					
19																					
20																					
21																					
22																					
23																					
24																					

NUTRIENTS ONLY + PARTICLES

Transmissometer to be cleaned before each cast, do not use Ammonia products

Water Properties Group

Sampling Log

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

Cruise ID: 2019-069 Station: GRC43

Event #: 151

Ship: Tully

UTC Date (dd mmm yyyy): 09 AUG 2019

[illegible]