

Water Properties Group

Sampling Log

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

Cruise ID:

2016-08

Station:

P26

Event #:

88

Ship:

Tully

UTC Date (dd mmm yyyy):

26 08 2016

Cruise ID:			2016-08		Station:		P26		Event #:		00		Ship:		Fancy		Comments		
Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials								Gases	SAGs	DNA				
			Target Pressure	Confirmed Pressure	OXY	Sal	Nut-F	Nut-C	DIC	pH	ALK								
				✓		50	25	55	4	55	10	16	10	55	15	15			
1		705	Bot-10	✓	4317	x		xx	x	x	x	x		xx	x	x			
2		706	4000	✓	4000	x	xx	xx	x	xx	x	x		xx	x	x			
3		707	3500	✓	3499	xx	x	xx	x	x	x	x							
4		708	3000	✓	3000	x	xx	xx	x	x	x	x		xx	x	x			
5		709	2500	✓	2500	x	x	xx	x	x	xxx	x							
6		710	2000	✓	2000	x	xx	xx	x	x	x	x		xx	x	x			
7		711	1500	✓	1500	x	x	xx	x	x	x	x		xx	x	x			
8		712	1250	✓	1250	x	xx	xxxx	xx	x	x	x		xx	x	x			
9		713	1000	✓	1000	x	xx	xx	x	x	x	x		xx	x	x			
10		714	800	✓	800	xx		xx	x	x	x	x		xx	x	x			
11		715	600	✓	600	x		xx	x	x	x	x		xx	x	x			
12		716	400	✓	400	x		xx	x	x	x	x		xx	x	x			
13		717	300	✓	300	x		xx		x	x	x		xx	x	x			
14		718	250	✓	250	x		xxxx		x	x	x							
15		719	200	✓	200	x		xx		x	x	x		xx	x	x			
16		720	175	✓	175	xx		xx		x	x	x							
17		721	150	✓	150	x		xx		x	x	x		xx	x	x			
18		722	125	✓	125	x		xx		x	x	x							
19		723	100	✓	100	x		xx		x	x	x		xx	x	x			
20		724	75	✓	75	x		xx		x	x	x							
21		725	50	✓	50	xx		xx		x	x	x		xx	x	x			
22		726	25	✓	25	x		xx		x	x	x		xx	x	x			
23		727	10	✓	10	x		xx		x	xxx	x			x	x			
24		728	5	✓	5	x		xx		x	x	x		xx					

http://www.pa

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s):

MG/SR

Bottom Depth:

4252 m

Transmisso Cleaned:

Y / N

Time

UTC

Local

Start

0650

Bottom

0806

End

0948

Positional Information

Lat:

49 ° 59.960

N

Lon:

144 ° 59.990

W

Lat:

50 ° 0.040

N

Lon:

145 ° 0.010

W

Lat:

50 ° 0.010

N

Lon:

144 ° 59.990

W

Extra comments:

Deep cast

Will also have loops for Sal x1,

OxyLab x2, OxyT x2, Nut x1

and gases

Water Properties Group

Sampling Log

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

Cruise ID:

2016-08

Station:

P26

Event #:

90

Ship:

Tully

UTC Date (dd mmm yyyy):

26 Aug 2016

Cruise ID: 2010-06			Station: 120															Comments	
Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										bugs				
			Target Pressure	Confirmed Pressure	17O	ONAr	Oxy	18O ind	NO3 ind	NH4 ind	CHL	Nut-Fr	NH4	Sal			C14	UVic	
1		769	O2 max	/ 40	xx		xx							x					
2		770	5 m	/ 45	xx	xx	xx		x										
3																			
4		771	250	/ 250													x		
5		772	150	/ 150													x		
6		773	50	/ 50													x		
7		774	20	/ 20													x		
8		775	10	/ 10													x		
9		776	5	/ 5													x		
10																			
11		777	100	/ 100														x	
12		778	50	/ 50														x	
13		779	5	/ 5														x	
14																			
15																			
16																			
17		780	100%	/ 1			xx	xxx	xxxxx		x	x							
18		781	100%	/ 1						xxxxx			xx						
19		782	55%	/ 5		xx	xx	xxx	x	x	x	x	xx	x					
20		783	30%	/ 14			xx	xxx	x	x	x	x	xxxx	x					
21		784	15%	/ 24			xx	xxx	x	x	x	x	xx	x					
22		785	1%	/ 61			xx	xxx	x	x	x	x	xx	x					
23		786	55%	/ 5											x				
24																			

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s): *sn*

Bottom Depth: 4251 m

Transmisso Cleaned: (Y) / N

Time UTC Local

Start	1205	0505
Bottom	1210	
End	1234	

Positional Information

Start Lat: 49 ° 59.970 N
Lon: 145 ° 0.000 WBottom Lat: 49 ° 59.990 N
Lon: 144 ° 59.980 WEnd Lat: 50 ° 0.000 N
Lon: 144 ° 59.930 W

Extra comments:

Productivity cast

OUT-OF-ORDER

4, 5, 11, 22, 6/12, 1, 21, 7,
20, 8, 13/23, 17/18

Water Properties Group

Sampling Log

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

Cruise ID:

2016-08

Station:

P26

Event #:

91

Ship:

Tully

UTC Date (dd mmm yyyy): 26 Aug 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	Cesium										
1		729	500	✓ 500	x										
2		730	500	✓	x										
3		731	500	✓	x										
4		732	500	✓	x										
5		733	500	✓	x										
6		734	500	✓	x										
7		735	400	✓ 400	x										
8		736	400	✓	x										
9		737	400	✓	x										
10		738	400	✓	x										
11		739	400	✓	x										
12		740	400	✓	x										
13		741	300	✓ 300	x										
14		742	300	✓	x										
15		743	300	✓	x										
16		744	300	✓	x										
17		745	300	✓	x										
18		746	300	✓	x										
19		747	200	✓ 200	x										
20		748	200	✓	x										
21		749	200	✓	x										
22		750	200	✓	x										
23		751	200	✓	x										
24		752	200	✓	x										

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

Bottom Depth: 425 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	1356	0656
Bottom	1406	
End	1419	

Positional Information

Lat:	49 ° 59.960	N
Lon:	145 ° 0.120	W

Bottom

Lat:	49 ° 59.950	N
Lon:	145 ° 0.070	W

End

Lat:	50 ° 0.010	N
Lon:	145 ° 0.080	W

Extra comments:
Deep Cesium cast

Water Properties Group

Sampling Log

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

Cruise ID: 2016-08 Station: P26 Event #: 94 Ship: Tully UTC Date (dd mmm yyyy): 27 AUG 2016

Niskin #	Firing #	Sample #	Rosette Operation			Samples Taken / Sampler's Initials													Comments
			Target Pressure	Confirmed ✓	Pressure		UBC												
1		753	2000	✓	2000		x												
2		754	2000	✓	↓														
3		755	2000	✓	↓														
4		756	2000	✓	↓														
5		757	1000	✓	1000		x												
6		758	1000	✓	↓														
7		759	1000	✓	↓														
8		760	1000	✓	↓														
9		761	500	✓	500		x												
10		762	500	✓	↓														
11		763	500	✓	↓														
12		764	500	✓	↓														
13		765	10	✓	10		x												
14		766	10	✓	↓														
15		767	10	✓	↓														
16		768	10	✓	↓														
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 4252 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	0212	1712
Bottom	0244	
End	0319	

Positional Information

Lat:	49 ° 59.93	N
Lon:	145 ° 00.01	W

▼

Lat:	49 ° 59.92	N
Lon:	145 ° 00.00	W

▼

Lat:	49 ° 59.93	N
Lon:	145 ° 00.06	W

Extra comments:
Jade's cast

Water Properties Group

Sampling Log

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

Cruise ID: 2016-08 Station: PA-010 Event #: 96 Ship: Tully UTC Date (dd mmm yyyy): 27 Aug 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	A7	Oxy UVic	ONAr UVic								
1		787	10	✓	10		x x	x x							
2		788	7	✓	7.6		x x	x x							
3		789	3	✓	3		x x	x x							
4				✓	500										
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): MG

Bottom Depth: 4230 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	0544	2244
Bottom	0553	
End	0607	

Positional Information
Start
Lat: 50 ° 01.47 N
Lon: 144 ° 52.64 W

Bottom
Lat: 50 ° 01.47 N
Lon: 144 ° 52.66 W

End
Lat: 50 ° 01.47 N
Lon: 144 ° 52.72 W

Extra comments:
Mooring calibration
CTD to 500 dbar

Water Properties Group

Sampling Log

Cruise ID: 2016-08 Station: P8 Event 103 Tully UTC Date-(dd mmm yyyy): 29 Aug 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials					UVic		Comments				
			Target Pressure	Confirmed Pressure	Oxy	Sal				OXY						
1		790	1500	/ 1500	x	x x				x x		2 bottles @ 1250?				
2		791	1250	/ 1250	x	x				x						
3		792	1250	/ 1250	x	x x				x						
4		793	1000	/ 1000	x	x x				x						
5		794	800	/ 800	x	x				x						
6		795	600	/ 595	x					x						
7		796	400	/ 400	x					x						
8		797	300	/ 300	x					x						
9		798	250	/ 250	x					x						
10		799	200	/ 199	x					x						
11		800	175	/ 175	x					x						
12		801	150	/ 150	x					x						
13		802	125	/ 126	x					x						
14		803	100	/ 95	x					x						
15		804	75	/ 75	x					x						
16		805	50	/ 50	x					x						
17		806	25	/ 23	x					x						
18		807	10	/ 10	x					x						
19		808	5	/ 5	x x	x				x						
20																
21																
22																
23																
24																

Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): *SW*

Bottom Depth: 2517 m
Transmisso Cleaned: *(Y)* N

Time	UTC	Local
Start	1659	1002
Bottom	1725	
End	1810	

Positional Information

Lat:	48 ° 49.050	N
Lon:	128 ° 39.990	W

▼

Lat:	48 ° 49.000	N
Lon:	128 ° 40.020	W

▼

Lat:	48 ° 49.010	N
Lon:	128 ° 40.610	W

Extra comments:
P8 - return
Oxy comparison with UVic

Water Properties Group

Sampling Log

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

Cruise ID: 2016-08

Station: P4

Event #: 112

Ship: Tully

UTC Date (dd mmm yyyy): 30 Aug 2016

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed Pressure	Oxy	Nut-F	Nut-C	Sal	CHL	HPLE	gases							
				✓						HPLE	CHL							
1		809	Bot-10	✓	1334	x	x	x										
2		810	1250	✓	1250	x	x	x	xx									
3		811	1000	✓	1000	xx	x	x	x									
4		812	800	✓	800	x	x	x	x									
5		813	600	✓	600	x	xx	xx										
6		814	400	✓	400	x	x	x										
7		815	200	✓	200	x	x											
8		816	150	✓	150	x	x											
9		817	100	✓	100	xx	x											
10		818	50	✓	50	x	x				x							
11		819	25	✓	25	x	x				xx							
12		820	10	✓	10	x	x				x							
13		821	1000	✓	1000	xx												
14		822	100	✓	100	xx												
15		823	5	✓	5	x	x		x			xx						
16		824	5	✓	5					xx	xx							
17																		
18																		
19		825	1000	✓	1000	xx												
20		826	1000	✓	1000	xx												
21		827	100	✓	100	xx												
22		828	100	✓	100	xx												
23																		
24																		

Version: 25 Nov 2011

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

Bottom Depth: 1333 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	04:21	21:21
Bottom	04:42	
End	05:18	

Positional Information

Lat:	48 ° 38.67	N
Lon:	126 ° 40.05	W

Start

Lat: 48 ° 38.64 N
Lon: 126 ° 40.09 W

Bottom

Lat: 48 ° 38.60 N
Lon: 126 ° 40.08 W

End

Loops 2xCHL 1xSal

Extra comments:
P4 - return; OUT-OF-ORDER
1-3; 13; 19-20; 4-9; 14; 21-22;
10-12; 15-16 Plus all loops!
Niskins comp: spring VS tubes

At 315 Aug 30/2016, Noted deck unit still on from last cast which started @ 1659 (Aug 29/2016). Turned off until start of this cast.