

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

DIX3

Event #:

92

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

15m721

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Core Samples		Comments
			Target Pressure	Confirmed Pressure	Var				
1	1	475	chl max	✓ 20	x				
2	2	476	5	✓ 5	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: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?

Watchkeeper(s): MR

Bottom Depth: 363 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0513	2213
Bottom	0519	
End	0528	

Positional Information

Start

Lat: 54 ° 28 70 N

Lon: 132 ° 17 94 W

Bottom

Lat: 54 ° 28 67 N

Lon: 132 ° 17 92 W

End

Lat: 54 ° 28 64 N

Lon: 132 ° 17 92 W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

DIX2

Event #:

94

Ship:

JP Tully

UTC Date (dd/mm/yyyy): May 13, 2021

Niskin #

Firing #

Sample #

Rosette Operation

Target Pressure

Confirmed Pressure

Sampler's Initials / Samples Taken

OXY

Nut-F

SAL

CHL

ML

1

2

3

4

5

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Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

DIX1

Event #:

95

Ship:

JP Tully

UTC Date (dd/mm/yyyy): May 13 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:		All Samples		Comments
			Target Pressure	Confirmed Pressure	ML	Nut-F	SAL	ML	CHL	ML	ML	HS	HS	HS	RF	O18	SPC	DIC	
1	1	493	B-5	✓	264.2			x				x		x		x			
2	2	494	B-5	✓	264.1			x											
3	3	495	250	✓	250.7			x											
4	4	496	200	✓	199.5			xx											
5	5	497	150	✓	150.6			x											
6	6	498	100*	✓	99.8			x											
7	7	499	75*	✓	75.3			x											
8	8	500	50*	✓	50.4			x											
9	9	501	50	✓	50.3			x				x		x		x			
10	10	502	30*	✓	30.4			x											
11	11	503	20*	✓	20.3			x				x							
12	12	504	10*	✓	11.2			x				x							
13	13	505	5*	✓	5.5			x				x							
14	14	506	0*	✓	3			x		xx									
15	15	507	0	✓	1					xx		xx		x		xx			
16	16	508	0	✓	1												xxx		
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:

ROS

TRM

X-Niskin

other?

Watchkeeper(s): RF

Bottom Depth: 273 m

Transmisso Cleaned: 61 N

Time

UTC

Local

Start

0852

0152

Bottom

0858

0158

End

0917

0217

Positional Information

Start

Lat: 54 ° 25.790 N

Lon: 131 ° 30.800 W

Bottom

Lat: 54 ° 25.780 N

Lon: 131 ° 30.790 W

End

Lat: 54 ° 25.740 N

Lon: 131 ° 30.760 W

Extra comments:

* 60 sec soak

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

CH02

Event #:

97

Ship:

JP Tully

UTC Date (dd/mm/yyyy):

May 13 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:				Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	All Samples SPC			
1	1	528	B-5	✓	340.0		x									
2	2	529	B-5	✓	11			x				x				
3	3	530	300	✓	300.3		x									
4	4	531	250	✓	250.1		xx									
5	5	532	200	✓	200.1		x									
6	6	533	150	✓	150.0		x									
7	7	534	100+	✓	99.8		x									
8	8	535	75+	✓	75.0		x									
9	9	536	50+	✓	49.9			x		x		x		x		
10	10	537	50	✓	11		x									
11	11	538	30+	✓	30.1		xx									
12	12	539	20+	✓	19.8		x		x							
13	13	540	10+	✓	9.9		x		x							
14	14	541	5+	✓	5.6		x		xx							
15	15	542	0+	✓	3.0				x							
16	16	543	0	✓	11			x		xx		xx		x		
17	17	544	0	✓	11										xxx	
18																
19																
20																
21																
22																
23																
24																

Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?

Watchkeeper(s): RF

Bottom Depth: 345 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1332	0632
Bottom	1340	0640
End	1401	0701

Positional Information

Lat: 54 ° 34.730 N

Lon: 130 ° 38.160 W

Bottom

Lat: 54 ° 39.740 N

Lon: 130 ° 38.140 W

End

Lat: 54 ° 39.730 N

Lon: 130 ° 38.110 W

Extra comments:

* 60 sec soak

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

Port3

Event #:

98

Ship:

JP Tully

UTC Date (dd|mm|yyyy):

May 13 2021

Niskin # Firing # Sample #

Rosette Operation
Target Pressure
Confirmed Pressure

Sampler's Initials / Samples Taken
OXY Nu-F SAL CHL TOC-S DOC-S

Sample Lists:
CDOM-S O18 SPC

All Samples

Comments

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

Bottom Depth: 275 m
Transmisso Cleaned: (Y) 1 N

Time UTC Local
Start 1641 0941
Bottom 1648 0948
End 1705 1005

Positional Information
Lat: 54 ° 58.090 N
Lon: 130 ° 4.650 W

Bottom
Lat: 54 ° 58.068 N
Lon: 130 ° 4.694 W

End
Lat: 54 ° 58.070 N
Lon: 130 ° 4.810 W

Extra comments:

Nothing to remark

* 60 sec soak

Saw Occas 1

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

Port2

Event #:

99

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 13 May 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC		
1	1	559	B-5	✓ 115.1		x									
2	2	560	100*	✓ 100.1		x									
3	3	561	75*	✓ 75.2		x									
4	4	562	50*	✓ 50.2		x									
5	5	563	30*	✓ 30.4		x									
6	6	564	20*	✓ 20.0		xx									
7	7	565	10*	✓ 9.9		x									
8	8	566	5*	✓ 4.7		x									
9	9	567	0*	✓ 2.7		x									
10															
11															
12															
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21															
22															
23															
24															

Profile type:

ROS

TRM

X-Niskin

other?

Watchkeeper(s): RF

Bottom Depth: 118 m

Transmisso Cleaned: 91 N

Time		UTC	Local
Start		1739	1039
Bottom		1743	1043
End		1756	1056

Positional Information

Lat: 54 ° 59.260 N

Lon: 129 ° 59.670 W

Bottom

Lat: 54 ° 59.280 N

Lon: 129 ° 59.660 W

End

Lat: 54 ° 59.280 N

Lon: 129 ° 59.590 W

Extra comments:

Nothing to remark
* 60 sec soak (NTR)

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

Port1

Event #:

100

Ship:

JP Tully

UTC Date (dd mmm/yyyy): 13 May 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists: All Samples				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC			
1	1	568	B-5*	✓ 73.3			x		x	x	x					
2	2	569	B-5	✓ "		x										
3	3	570	30*	✓ 30.1		xx										
4	4	571	20*	✓ 20.4		x			x							
5	5	572	10*	✓ 10.1		x			xx							
6	6	573	5*	✓ 5.5		x			x							
7	7	574	0*	✓ 2.5		x			x							
8	8	575	0	✓ 2.5			x		xx	xx	x	x				
9	9	576	0	✓ 2.5									xxx			
10																
11																
12																
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24																

Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?

Watchkeeper(s): RF

Bottom Depth: 73 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1816	1116
Bottom	1819	1116
End	1829	1129

Positional Information

Start

Lat: 54 ° 58.580 N

Lon: 121 ° 58.020 W

Bottom

Lat: 54 ° 58.570 N

Lon: 121 ° 58.000 W

End

Lat: 54 ° 58.510 N

Lon: 124 ° 57.920 W

Extra comments:

* 60 sec soak

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

CH01

Event #:

101

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 13 / May / 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: All Samples				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC	
1	1	577	B-5	✓ 612			x		x	x	x				
2	2	578	B-5	✓ 612		x									LEAKY
3	3	579	500	✓ 500		x									
4	4	580	400	✓ 400		x									
5	5	581	300	✓ 300		xx									
6	6	582	250	✓ 250		x									
7	7	583	200	✓ 200		x									
8	8	584	150	✓ 150		x									
9	9	585	100*	✓ 100		x									
10	10	586	75*	✓ 75		x									
11	11	587	50*	✓ 50		xx									
12	12	588	50	✓ 50			x		x	x	x	x			
13	13	589	30*	✓ 30		x									
14	14	590	20*	✓ 20		x		x							
15	15	591	10*	✓ 10		x		x							
16	16	592	5*	✓ 5		x		xx							
17	17	593	0*	✓ 25		x		x							
18	18	594	0	✓ 25			x		xx	xx	xx	xx			
19	19	595	0	✓ 25									xxx		
20															
21															
22															
23															
24															

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

Bottom Depth: 610-615 m
Transmisso Cleaned: (Y) Y N

Time	UTC	Local
Start	2117	1417
Bottom	2127	
End	2152	

Positional Information
Lat: 54 ° 41 76 N
Lon: 130 ° 27 23 W

Bottom
Lat: 54 ° 41 77 N
Lon: 130 ° 27 20 W

End
Lat: 54 ° 41 75 N
Lon: 130 ° 27 20 W

Extra comments:
* 60 sec soak

Water Properties Group

Program

STN List:

All Sins

Cruise ID:

2021-006

Station:

CH06

Event #:

103

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

Ship:

JP Tully

UTC Date (dd/mm/yyyy):

13 | MAY | 2021

Sampling Log

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists:				Comments
			Target Pressure	Confirmed Pressure	OXY	Nu-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	All Samples			
1	1	596	B-5	✓ 247		X											
2	2	597	200	✓ 200		X											
3	3	598	150	✓ 150		X											
4	4	599	100*	✓ 100		X											
5	5	600	75*	✓ 75		X											
6	6	601	50*	✓ 50		XX											
7	7	602	30*	✓ 30		X											
8	8	603	20*	✓ 20		X											
9	9	604	10*	✓ 10		X											
10	10	605	5*	✓ 5		X											
11	11	606	0*	✓ 3.0		X											
12																	
13																	
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22																	
23																	
24																	

Version: 13NOV2020

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

UIC Date (dd/mm/yyyy)

Version: 13NOV2020

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

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s):
MS

Bottom Depth: 257 m

Transmisso Cleaned: Y N

Time	UTC	Local
Start	23 35	23 39
Bottom	23 43	
End	23 58	

Positional Information

Start

Lat: 54 ° 34 922 N

Lon: 130 ° 32 005 W

Bottom

Lat: 54 ° 34 920 N

Lon: 130 ° 32 012 W

End

Lat: 54 ° 34 950 N

Lon: 130 ° 32 050 W

Extra comments:

Nuts only

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH05

Event #:

104

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 14 | MAI | 2021

Rosette Operation

Target Pressure	Confirmed	Pressure
	☒	

Sampler's Initials / Samples Taken

OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	Var

Sample Lists: All Samples

Comments

Profile type:

~~ROS~~ TRM X-Niskin other? Watchkeeper(s): MA/MO

Bottom Depth: 145 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0032	1732
Bottom	0034	
End	0049	

Positional Information

Lat: 54 ° 33 690 N
Lon: 130 ° 37 680 W

Lat: 54 ° 33 680 N
Lon: 130 ° 37 700 W

Lat: 54 ° 33 640 N
Lon: 130 ° 37 740 W

Extra comments:

* 60 sec soak

Niskin #	Firing #	Sample #	Target Pressure	Confirmed	Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	Var	Comments
1	1	607	B-5	☒	1410		x									
2	2	608	B-5	☒	140			x		x	x	x	x			
3	3	609	100*	☒	100		x									
4	4	610	75*	☒	75		xx									
5	5	611	50*	☒	50		x									
6	6	612	50	☒	50			x		x	x	x	x			
7	7	613	30*	☒	30		x									
8	8	614	20*	☒	20		x		x							
9	9	615	10*	☒	10		x		x							
10	10	616	5*	☒	5		x		xx					x		
11	11	617	0*	☒	3.0		x		x							
12	12	618	0	☒	3.0			x		xx	xx	x	x			
13	13	619	0	☒	3.0									xxx		
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Water Properties Group

Program
STN List: All_Sins

Sampling Log

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

Cruise ID: 2021-006

Station: CH04

Event #: 105

Ship: JP Tully

UTC Date (dd|mm|yyyy): 13 | MAR | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists:			Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	All_Samples	

1	1	620	B-5*	✓ 78		x													
2	2	621	75*	✓ 75		x													
3	3	622	50*	✓ 50		x													
4	4	623	30*	✓ 30		x													
5	5	624	20*	✓ 20		xx													
6	6	625	10*	✓ 10		x													
7	7	626	5*	✓ 5		x													
8	8	627	0*	✓ 3.0		x													
9																			
10																			
11																			
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21																			
22																			
23																			
24																			

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 80 m

Transmisso Cleaned: Y Y N

Time	UTC	Local
Start	01 22	18
Bottom	01 24	
End	01 35	

Positional Information

Lat: 54 ° 32 40.2 N

Lon: 130 ° 43 47.8 W

Bottom

Lat: 54 ° 32 40.2 N

Lon: 130 ° 43 49.2 W

End

Lat: 54 ° 32 40.8 N

Lon: 130 ° 43 52.5 W

Extra comments:

Nuts only

* 60 sec soak

Water Properties Group

Program

STN List:

All Sins

Cruise ID:

2021-006

Station:

CH07

Event #:

106

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

Ship:

JP Tully

UTC Date (dd/mm/yyyy):

14/05/21

Sampling Log

Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:		All Samples		Comments
Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC						

Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	Comments
1		628	B-5*	✓ 84.7		xx								
2		629	75*	✓ 75		x								
3		630	50*	✓ 51		x								
4		631	30*	✓ 30		x								
5		632	20*	✓ 20		x								
6		633	10*	✓ 10		x								
7		634	5*	✓ 5		x								
8		635	0*	✓ 2.9		x								
9														
10														
11														
12														
13														
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16														
17														
18														
19														
20														
21														
22														
23														
24														

Profile type:
RO\$ TRM X-Niskin other?

Watchkeeper(s): MG

Bottom Depth: 93 m

Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	0235	1935
Bottom	0238	
End	0253	

Positional Information

Lat: 54 ° 31.57 N

Lon: 130 ° 30.95 W

Bottom

Lat: 54 ° 31.59 N

Lon: 130 ° 30.98 W

End

Lat: 54 ° 32.00 N

Lon: 130 ° 31.04 W

Extra comments:

Nuts only

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CHAT3

Event #:

107

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 14 05 21

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:		All Samples		Comments
			Target Pressure	Confirmed Pressure	M6/M6 OXY	M6 Nut-F	K5 SAL	M6 CHL	M8 TOC-S	M8 DOC-S	M8 CDOM-S	M9 O18	M9 SPC	M9 DIC					
1		636	B-5	✓ 163			X		X	X	X	X							
2		637	B-5	✓ 163		X													
3		638	100*	✓ 160		X													
4		639	75*	✓ 75		X													
5		640	50*	✓ 50		XX													
6		641	50	✓ 50			X		X	X	X	X			XX				
7		642	40*	✓ 40		X													
8		643	30*	✓ 30		X									XX				
9		644	20*	✓ 20		X		XX											
10		645	10*	✓ 10		X		X											
11		646	5*	✓ 5		X		X											
12		647	0*	✓ 3.2		X		X											
13		648	0	✓ 3.3			X		XX	XX	X	X							
14		649	0	✓ 3.2									XXX						
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 13NOV2020

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

Profile type: ROS TRM X-Niskin other?
Watchkeeper(s): M6

Bottom Depth: 168 m
Transmisso Cleaned: (Y) / N

Time UTC Local
Start 0314 2014
Bottom 0319
End 0338

Positional Information
Start
Lat: 54 ° 32.61 N
Lon: 130 ° 32 41 W

Bottom
Lat: 54 ° 32.61 N
Lon: 130 ° 32.39 W

End
Lat: 54 ° 31.99 N
Lon: 130 ° 32.40 W

Extra comments:

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH08

Event #:

108

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 14 MAY 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: All Samples				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC		
1	1	650	B-5	✓ 137		x									
2	2	651	B-5	✓ 137			x			x			x		
3	3	652	100*	✓ 100		x									
4	4	653	75*	✓ 75		xx									
5	5	654	50*	✓ 50			x			x			x		
6	6	655	50	✓ 50		x									
7	7	656	30*	✓ 30		x									
8	8	657	20*	✓ 20		x			x						
9	9	658	10*	✓ 10		x			x						
10	10	659	5*	✓ 5		x			xx						
11	11	660	0*	✓ 3		x			x						
12	12	661	0	✓ 3			x			xx		xx		xx	
13	13	662	0											xxx	662C
14															SPC
15															CH08
16															2021-006
17															0 m
18															bot 13
19															
20															
21															
22															
23															
24															

MISSING

662C
SPC
CH08
2021-006
0 m
bot 13

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

Bottom Depth: 140 m
Transmisso Cleaned: Y N

Time UTC Local
Start 04 06 21 06
Bottom 04 05
End 04 23

Positional Information
Start
Lat: 54 ° 31 140 N
Lon: 130 ° 34 930 W

Bottom
Lat: 54 ° 31 130 N
Lon: 130 ° 34 940 W

End
Lat: 54 ° 31 090 N
Lon: 130 ° 34 900 W

Extra comments:
* 60 sec soak

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

CH09

Event #:

169

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 14 | 05 | 21

Rosette Operation

Target Pressure	Confirmed	Pressure
	☒	

Sampler's Initials / Samples Taken

OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC

Sample Lists: All Samples

Comments

Profile type:

(ROS) TRM X-Niskin other?

Watchkeeper(s): Mg

Bottom Depth: 88 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0455	2155
Bottom	0458	
End	0510	

Positional Information

Lat: 54	°	30.21	N
Lon: 130	°	40.55	W

Lat: 54	°	30.19	N
Lon: 130	°	40.58	W

Lat: 54	°	30.14	N
Lon: 130	°	40.66	W

Extra comments:

Nuts only

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH11

Event #:

110

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 14 May 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC		
1	1	671	B-5	✓ 121		x									
2	2	672	B-5	✓ 121			x			x		x			
3	3	673	110/180	✓ 110		x									
4	4	674	100*	✓ 100		x									
5	5	675	75*	✓ 75		x									
6	6	676	50*	✓ 50		x									
7	7	677	50	✓ 50			x			x		x			
8	8	678	30*	✓ 30		xx									
9	9	679	20*	✓ 20		x			x						
10	10	680	10*	✓ 10		x			x						
11	11	681	5*	✓ 5		x			xx						
12	12	682	0*	✓ 3		x			x						
13	13	683	0	✓ 3			x			xx		xx			
14	14	684	0	✓ 3									x		
15													xxx		
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?

Watchkeeper(s): MB

Bottom Depth: 126 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0624	2324
Bottom	0626	
End	0640	

Positional Information

Lat: 54 ° 29 900 N

Lon: 130 ° 33 600 W

Bottom

Lat: 54 ° 29 880 N

Lon: 130 ° 33 580 W

End

Lat: 54 ° 29 820 N

Lon: 130 ° 33 520 W

Extra comments:

*60 sec soak

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

CH17

Event #:

114

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 14 May 2021

Profile type:

(ROS) TRM X-Niskin other?

Watchkeeper(s): RF

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists:				Comments	
			Target Pressure	Confirmed Pressure	OXY	ML	Nu-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC		
1	1	715	B-5*	✓ 88.1			x										
2	2	716	75*	✓ 75.1			x										
3	3	717	50*	✓ 50.0			x										
4	4	718	30*	✓ 30.2			x										
5	5	719	20*	✓ 20.0			xx										
6	6	720	10*	✓ 10.0			x										
7	7	721	5*	✓ 5.1			x										
8	8	722	0*	✓ 2.5			x										
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Bottom Depth: 12 m

Transmisso Cleaned: 81 N

Time		UTC	Local
Start		0957	0257
Bottom		1001	0301
End		1012	0312

Positional Information

Start
Lat: 54 ° 20.411 N
Lon: 130 ° 33.216 W

Bottom
Lat: 54 ° 20.407 N
Lon: 130 ° 33.230 W

End
Lat: 54 ° 20.345 N
Lon: 130 ° 33.247 W

Extra comments:

Nothing to remark

nuts only

* 60 sec soak

Water Properties Group

Program
STN List:

All_Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

CH16

Event #:

115

Ship:

JP Tully

UTC Date (dd|mm|yyyy):

14 | MAY | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		All Samples		Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC	
1	1	723	B-5	✓ 222.0			x		x	x	x	x			
2	2	724	B-5	✓ 222.3		x								x	
3	3	725	150	✓ 150.0		x								x	
4	4	726	100*	✓ 99.9		xx								x	
5	5	727	75*	✓ 75.1		x								xx	
6	6	728	50*	✓ 50.1		x								x	
7	7	729	50	✓ 50.0			x		x	x	x	x			
8	8	730	30*	✓ 89.9		x								x	
9	9	731	20*	✓ 20.1		x		x						x	
10	10	732	10*	✓ 10.1		x		x						x	
11	11	733	5*	✓ 5.2		x		xx						x	
12	12	734	0*	✓ 2.9		x		x						x	
13	13	735	0	✓ 2.9			x		xx	xx	x	x			
14	14	736	0	✓ 2.8									xxx		
15	1														
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): H5

Bottom Depth: 235 m

Transmisso Cleaned: (Y) / N

Time UTC Local

Start 10:40 02:40

Bottom 10:46 02:46

End

Positional Information

Lat: 54 ° 19.900 N

Lon: 130 ° 37.350 W

Bottom

Lat: 54 ° 19.890 N

Lon: 130 ° 37.360 W

End

Lat: 54 ° 19 870 N

Lon: 130 ° 37 440 W

Extra comments:

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH15

Event #:

116

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 14 May 2021

Rosette Operation

Target Pressure	Confirmed	Pressure
	☒	

Sampler's Initials / Samples Taken

OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC
M								

Sample Lists: All Samples

Comments

Profile type:

☒ ROS ☐ TRM ☐ X-Niskin other?

Watchkeeper(s): RF

Bottom Depth: 141 m

Transmisso Cleaned: 01 N

Time	UTC	Local
Start	1134	0434
Bottom	1144	0444
End	1201	0501

Positional Information

Lat: 54 ° 18.307 N
Lon: 130 ° 42.634 W

Lat: 54 ° 18.324 N
Lon: 130 ° 42.618 W

Lat: 54 ° 18.430 N
Lon: 130 ° 42.660 W

Extra comments:

Nothing to remark
nuts only

* 60 sec soak

Niskin #	Firing #	Sample #	Target Pressure	Confirmed	Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	Comments
1	1	737	B-5	☒	187.4		x								
2	2	738	150	☒	150.6		x								
3	3	739	100*	☒	100.5		x								
4	4	740	75*	☒	75.4		x								
5	5	741	50*	☒	50.4		x								
6	6	742	30*	☒	30.3		x								
7	7	743	20*	☒	20.3		xx								
8	8	744	10*	☒	10.1		x								
9	9	745	5*	☒	5.0		x								
10	10	746	0*	☒	2.8		x								
11															
12															
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Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

CH14

Event #:

117

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 14 May 2021

Rosette Operation

Sampler's Initials / Samples Taken

Sample Lists: All Samples

Comments

Profile type:

[ROS] TRM X-Niskin other?

Watchkeeper(s): R F H S

Target Pressure

OXY

Nut-F

SAL

CHL

TOC-S

DOC-S

CDOM-S

O18

SPC

Confirmed

Pressure

✓

Pressure

✓

✓

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Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

HECS8

Event #:

119

Ship:

JP Tully

UTC Date (dd/mm/yyyy):

14 May 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists:			Core Samples			Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC	Phyto	SPC	Var		Save sheet after printing labels:	YES
1	1	760	b-5*	✓	113.6		x												
2	2	761	b-5	✓	11		x		x	x	x	x							
3	3	762	b-5	✓	11										xxx				
4	4	763	75*	✓	74.9		x												
5	5	764	50*	✓	50.3		x												
6	6	765	50	✓	11		x		x	x	x	x							
7	8	766	30*	✓	30.0	xx													
8	9	767	20*	✓	19.7		x		x										
9	10	768	10*	✓	10.2		x												
10	11	769	5*	✓	4.6		x		x							x			
11	12	770	0*				x	xx											
12	13	771	0				x		x	x	x	x							
13	14	772	0												xxx				
14	7	773	36	✓	35.9											x		chlorophyll max 36	
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 115 m
Transmisso Cleaned: 01 N

Time UTC Local
Start 1427 0727
Bottom 1430 0730
End 1440 0740

Positional Information
Lat: 54 ° 23.212 N
Lon: 131 ° 5.485 W

Bottom
Lat: 54 ° 23.227 N
Lon: 131 ° 5.516 W

End
Lat: 54 ° 23.286 N
Lon: 131 ° 5.621 W

Extra comments:
- user error in firing order
- samples labels marked for correct niskin #
* 60 sec soak

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

HECS7

Event #:

120

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 14 May 2021

Niskin # Firing # Sample #

Rosette Operation Target Pressure Confirmed Pressure

Sampler's Initials / Samples Taken OXY Nut-F SAL CHL TOC-S DOC-S CDOM-S O18 SPC DIC

Sample Lists: All Samples Comments

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

Bottom Depth: 122 m Transmisso Cleaned: 01 N

Time UTC Local Start 1558 0858 Bottom 1602 0902 End 1616 0916

Positional Information Lat: 54 ° 13.800 N Lon: 131 ° 2.130 W

Bottom Lat: 54 ° 13.800 N Lon: 131 ° 2.090 W

End Lat: 54 ° 13.790 N Lon: 131 ° 2.140 W

Extra comments: * 60 sec soak

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CHAT2

Event #:

121

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 14 | MAY | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: All Samples				Comments
			Target Pressure	Confirmed Pressure	ML OXY	ML Nut-F	ML SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	ML DIC	
1	1	787	B-5	✓ 187.8			X		X	X	X	X			
2	2	788	B-5	✓ 187.8			X								
3	3	789	150	✓ 149.9		XX									
4	4	790	100*	✓ 100.6		X									
5	5	791	75*	✓ 75.2		X									
6	6	792	50*	✓ 50.1			X		X	X	X	X			
7	7	793	50	✓ 50.2	X	X							XX		
8	8	794	40*	✓ 40.2	XX	X							XX		
9	9	795	30*	✓ 30.0	X	X							XX		
10	10	796	20*	✓ 20.1		X		X							
11	11	797	10*	✓ 10.2		X		X							
12	12	798	5*	✓ 5.1		X		XX							
13	13	799	0*	✓ 2.8			X		X						
14	14	800	0	✓ 2.8					XX	XX	XX	X			
15	15	801	0	✓ 2.8									XXX		
16															
17															
18															
19															
20															
21															
22															
23															
24															

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

Bottom Depth: 192 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	17:54	10:54
Bottom	17:59	10:59
End	18:21	11:21

Positional Information
Start
Lat: 54 ° 15.780 N
Lon: 130 ° 46.530 W

Bottom
Lat: 54 ° 15.790 N
Lon: 130 ° 46.550 W

End
Lat: 54 ° 15.810 N
Lon: 130 ° 46.450 W

Extra comments:
Nothing to report!
* 60 sec soak

Cruise ID:

2021-006

Station:

CH20

Event #:

122

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 14/05/21

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists: All Samples				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC		
1		802	B-5	✓ 151		X										
2		803	100*	✓ 100		X										
3		804	75*	✓ 75		X										
4		805	50*	✓ 50		X										
5		806	30*	✓ 30		XX										
6		807	20*	✓ 20		X										
7		808	10*	✓ 10		X										
8		809	5*	✓ 5		X										
9		810	0*	✓ 2.9		X										
10																
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Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?
Watchkeeper(s): MG

Bottom Depth: 155 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	1854	1154
Bottom	1858	
End	1952	

Positional Information

Start
Lat: 54 ° 13.53 N
Lon: 130 ° 43.80 W

Bottom
Lat: 54 ° 13.53 N
Lon: 130 ° 43.81 W

End
Lat: 54 ° 13.51 N
Lon: 130 ° 43.87 W

Extra comments:
nuts only
* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH21

Event #:

123

Ship:

JP Tully

UTC Date (dd|mm|yyyy):

14 | MAY | 2021

Niskin #

Rosette Operation
Target Pressure

Sample Lists: All Samples
Mg M9 M10 SPC DIC

Comments

Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): M3

Bottom Depth: 123 m
Transmisso Cleaned: 121 N

Time UTC Local
Start 1950 1250
Bottom 1952
End 2006

Positional Information
Lat: 54 ° 11 870 N
Lon: 130 ° 39 250 W

Bottom
Lat: 54 ° 11 896 N
Lon: 130 ° 39 240 W

End
Lat: 54 ° 11 9120 N
Lon: 130 ° 39 220 W

Extra comments:
* 60 sec soak

Niskin #	Firing #	Sample #	Rosette Operation	Confirmed	Pressure	Sample's Initials / Samples Taken	Sample Lists	All Samples	Comments
1	1	811	B-5	✓	118				
2	2	812	B-5	✓	118				
3	3	813	100*	✓	100				
4	4	814	75*	✓	75				
5	5	815	50*	✓	50				
6	6	816	50	✓	50				
7	7	817	30*	✓	30				
8	8	818	20*	✓	20				
9	9	819	10*	✓	10				
10	10	820	5*	✓	5				
11	11	821	0*	✓	27				
12	12	822	0	✓	27				
13	13	823	0	✓	27				
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH19

Event #:

124 127

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 14 May 2021

Niskin #

#

Firing #

Sample #

Rosette Operation

Target Pressure

Confirmed

Pressure

Sampler's Initials / Samples Taken

OXY

Nut-F

SAL

CHL

TOC-S

DOC-S

CDOM-S

O18

SPC

DIC

VAR

Sample Lists:

All Samples

Comments

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s):

M3

Bottom Depth: 88 m

Transmisso Cleaned: Y 1 N

Time UTC Local

Start 2259 1555

Bottom 2301

End 2311

Positional Information

Lat: 54 ° 15 18 N

Lon: 130 ° 35 07 W

Lat: 54 ° 15 18 N

Lon: 130 ° 35 06 W

Lat: 54 ° 15 18 N

Lon: 130 ° 35 06 W

Extra comments:

at 0000.

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH18

Event #:

128

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 14 | 05 | 21

Rosette Operation

Target Pressure	Confirmed Pressure

Sampler's Initials / Samples Taken

OXY	EvDNC	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC

Sample Lists: All Samples

Comments

Profile type:

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

Bottom Depth: 42 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2350	1650
Bottom	2352	
End	15 0001	

Positional Information

Start
Lat: 54 ° 16.41 N
Lon: 130 ° 29.38 W

Bottom
Lat: 54 ° 16.41 N
Lon: 130 ° 29.37 W

End
Lat: 54 ° 16.41 N
Lon: 130 ° 29.37 W

Extra comments:

nuts only

* 60 sec soak

Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	EvDNC	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC	Comments
1		835	B-5*	✓ 37		X									
2		836	30*	✓ 30		XX									
3		837	20*	✓ 20		X									
4		838	10*	✓ 10		X									
5		839	5*	✓ 5		X									
6		840	0*	✓ 25		X									
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Water Properties Group

Program

STN List:

Sampling Log

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

Cruise ID:

2021-006

Station:

PRHR74

Event #:

129

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 15 May 2021

Rosette Operation

Sampler's Initials / Samples Taken

Sample Lists: All Samples

Comments

Target Pressure

OXY

Nut-F

SAL

CHL

TOC-S

DOC-S

CDOM-S

O18

SPC

DIC

Confirmed Pressure

XX

XX

XX

XX

XX

XX

XX

XXX

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

Bottom Depth: 411 m Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0055	1759
Bottom	0100	
End	0108	

Positional Information

Start Lat: 54° 13' 52" N Lon: 130° 21' 09" W

Bottom Lat: 54° 13' 52" N Lon: 130° 21' 09" W

End Lat: 54° 13' 51" N Lon: 130° 21' 00" W

Extra comments:

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH23

Event #:

130

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 15 May 2021

Rosette Operation

Target Pressure	Confirmed Pressure
	✓

Sampler's Initials / Samples Taken

OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC

Sample Lists: All Samples

Comments

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s): MR

Bottom Depth: 102 m

Transmisso Cleaned: Y/N N

Time UTC Local

Start 0141 18

Bottom 0143

End 0155

Positional Information

Lat: 54 ° 11 44.0 N

Lon: 130 ° 23 41.0 W

Lat: 54 ° 11 43.0 N

Lon: 130 ° 23 50.0 W

Lat: 54 ° 11 43.0 N

Lon: 130 ° 23 64.0 W

Lat: 54 ° 11 43.0 N

Lon: 130 ° 23 64.0 W

Extra comments:

nuts only

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CHAT1

Event #:

131

Ship:

JP Tully

UTC Date (dd|mm|yy): 15 | 05 | 21

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:		All Samples		Comments	
			Target Pressure	Confirmed Pressure	Wg/H ₂ OXY	Nut-F	SAL	CHL	TK	TOC-S	DOC-S	CDOM-S	O18	M/A	SPC	DIC				
1		861	B-5*	✓	137	x	x													
2		862	B-5	✓	137			x		x	x	x	x							
3		863	100*	✓	100	x	x													
4		864	100	✓	100			x		x	x	x	x							
5		865	75*	✓	75	xx	x													
6		866	75	✓	75			x		x	x	x	x							
7		867	50*	✓	50	x	xx													
8		868	50	✓	50			x		x	x	x	x							
9		869	30*	✓	30	x	x													
10		870	30	✓	30			x		x	x	x	x							
11		871	20*	✓	20	x	x		xx											
12		872	20	✓	20			x		x	x	x	x							
13		873	10*	✓	10	x	x		x											
14		874	10	✓	10			x		x	x	x	x							
15		875	5*	✓	5	x	x		x											
16		876	5	✓	5			x		xx	xx	x	x							
17		877	0*	✓	2.5	x	x		x											
18		878	0	✓	2.6			x		x	x	x	x							
19		879	0	✓	2.5									xxx						
20																				
21																				
22																				
23																				
24																				

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): MG

Bottom Depth: 143 m

Transmisso Cleaned: (Y) 1 N

Time UTC Local

Start 0223 1923

Bottom 0327

End 0245

Positional Information

Lat: 54 ° 12.01 N

Lon: 136 ° 26.64 W

Bottom

Lat: 54 ° 12.02 N

Lon: 130 ° 26.67 W

End

Lat: 54 ° 12.04 N

Lon: 130 ° 26.73 W

Extra comments:

* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH22

Event #:

132

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 15 MAY 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists:		All Samples		Comments
			Target Pressure	Confirmed Pressure	OXY	Nit-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC			
1	1	880	B-5*	✓ 123		X											
2	2	881	100*	✓ 100		X											
3	3	882	75*	✓ 75		XX											
4	4	883	50*	✓ 50		X											
5	5	884	30*	✓ 30		X											
6	6	885	20*	✓ 20		X											
7	7	886	10*	✓ 10		X											
8	8	887	5*	✓ 5		X											
9	9	888	0*	✓ 25		X											
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Version: 13NOV2020

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

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

Bottom Depth: 126 m
Transmisso Cleaned: (Y) N

Time		UTC	Local
Start		03 31	20 31
Bottom		03 37	
End		03 46	

Positional Information

Start
Lat: 54 ° 10 01.0 N
Lon: 130 ° 35 04.0 W

Bottom
Lat: 54 ° 10 02.0 N
Lon: 130 ° 35 05.0 W

End
Lat: 54 ° 10 04.0 N
Lon: 130 ° 35 04.0 W

Extra comments:

nuts only
* 60 sec soak

Water Properties Group

Program
STN List:

Sampling Log

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

Cruise ID: 2021-006

Station: CH24

Event #: 133

Ship: JP Tully

UTC Date (dd|mm|yyyy): 15 | 05 | 21

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists:			Comments
			Target Pressure	Confirmed Pressure	EV	ND	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	

1		889	B-5*	✓	87		xx												
2		890	75*	✓	75		x												
3		891	50*	✓	50		x												
4		892	30*	✓	30		x												
5		893	20*	✓	20		x												
6		894	10*	✓	10		x												
7		895	5*	✓	5		x												
8		896	0*	✓	24		x												
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: 92 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0414	2114
Bottom	0418	
End	0430	

Positional Information

Start

Lat: 54 ° 07.65 N

Lon: 130 ° 34.13 W

Bottom

Lat: 54 ° 07.65 N

Lon: 130 ° 34.12 W

End

Lat: 54 ° 07.66 N

Lon: 130 ° 34.11 W

Extra comments:

nuts only

* 60 sec soak

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH25

Event #:

134

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 15 / 05 / 21

Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists:		All Samples		Comments	
Target Pressure	Confirmed Pressure	K5	M5	M6	M7	M8	M9	M10	M11
		Nut-F	SAL	CHL	TOC-S	DOC-S	COM-S	O18	SPC
									DIC

Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	K5	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24
1		897	B-5	✓	112																				
2		898	B-5	✓	112																				
3		899	100*	✓	100																				
4		900	75*	✓	75																				
5		901	50*	✓	50																				
6		902	50	✓	50																				
7		903	30*	✓	30																				
8		904	20*	✓	20																				
9		905	10*	✓	10																				
10		906	5*	✓	5																				
11		907	0*	✓	27																				
12		908	0	✓	27																				
13		909	0	✓	28																				
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									

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

Bottom Depth: 116 m
Transmisso Cleaned: Y / N

Time UTC Local
Start 0516 2216
Bottom 0520
End 0536

Positional Information
Start
Lat: 54 ° 08.83 N
Lon: 130 ° 26.42 W

Bottom
Lat: 54 ° 08.84 N
Lon: 130 ° 26.44 W

End
Lat: 54 ° 08.84 N
Lon: 130 ° 26.55 W

Extra comments:
* 60 sec soak

Water Properties Group

Program STN List:

All_Sms

Sampling Log

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

Cruise ID:

2021-006

Station:

CH26

Event #:

135

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 15 May 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:				Comments
			Target Pressure	Confirmed Pressure	MB/ML	OXY	Nut-F	SAL	CV1	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	ML/KS	DIC		
1	1	910	B-5*	✓ 58		x											x		
2	2	911	75*	✓ 58		x											x		
3	3	912	50*	✓ 50		xx											x		
4	4	913	30*	✓ 30		x											x		
5	5	914	20*	✓ 20		x				x							xx		
6	6	915	10*	✓ 10		x				x							x		
7	7	916	5*	✓ 5		x				xx							x		
8	8	917	0*	✓ 2.6		x				x							x		
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 13NOV2020

Transmissometer to be cleaned before each cast. do not use ammonia products

End

Bottom

Start

UIC Date (dd m

Version: 13NOV2020

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

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

Bottom Depth: 62 m
Transmisso Cleaned: (Y) N

Time UTC Local
Start 0613 2313
Bottom 0614
End 0624

Positional Information

Start
Lat: 54 ° 8 750 N
Lon: 130 ° 21 860 W

Bottom
Lat: 54 ° 8 750 N
Lon: 130 ° 21 350 W

End
Lat: 54 ° 8 760 N
Lon: 130 ° 21 370 W

Extra comments:

* 60 sec soak

Water Properties Group

Program
STN List:

All_Sms

Sampling Log

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

Cruise ID:

2021-006

Station:

CH28

Event #:

137

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 15 May 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:				All Samples		Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC	DOC	CDOM	O18	SPC	VAR			
1	1	927	B-3K	✓ 70.3			x		x	x	x	x					
2	2	928	B-3K	✓ "		x											
3		929	150'			xx											
4		930	100'			x											
5		931	75'			x											
6	3	932	50'	✓ 49.9		xX											
7	4	933	50	✓ "			x		x	x	x	x					
8	5	934	30'	✓ 30.3		x											
9	6	935	20'	✓ 20.1		x		x									
10	7	936	10'	✓ 10.0		x		xx									
11	8	937	5'	✓ 4.7		x		x									
12	9	938	0'	✓ 2.7		x		x									
13	10	939	0	✓ 2.6			x		x	x	x	x					
14	11	940	0	✓ "									xxx				
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: /ROS7 TRM X-Niskin other?
Watchkeeper(s): RF

Bottom Depth: 75 m
Transmisso Cleaned: 01 N

Time	UTC	Local
Start	0738	0038
Bottom	0741	0041
End	0751	0051

Positional Information
Lat: 54 ° 6.685 N
Lon: 130 ° 18.578 W

Bottom
Lat: 54 ° 6.688 N
Lon: 130 ° 18.582 W

End
Lat: 54 ° 6.668 N
Lon: 130 ° 18.596 W

Extra comments:
Depth only 75m, skipped several sample 45.
* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

CH29

Event #:

138

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 15 May 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: All Samples		Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC			
1	1	941	B-5*	✓ 108.9		x											
2	2	942	50*	✓ 50.3		x											
3	3	943	30*	✓ 30.4		x											
4	4	944	20*	✓ 19.9		xx											
5	5	945	10*	✓ 10.5		x											
6	6	946	5*	✓ 4.9		x											
7	7	947	0*	✓ 2.8		x											
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Version: 13NOV2020

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

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

Bottom Depth:	112	m
Transmisso Cleaned:	Y / N	

Time	UTC	Local
Start	0822	0122
Bottom	0825	0125
End	0835	0135

Positional Information

Lat:	54 °	5.310	N
Lon:	130 °	19.600	W

Bottom

Lat:	54 °	5.310	N
Lon:	130 °	19.590	W

End

Lat:	54 °	5.330	N
Lon:	130 °	19.580	W

Extra comments:

Nothing to remark.

nuts only

* 60 sec soak

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-006

Station:

OGCH50

Event #:

140

Ship:

JP Tully

UTC Date (dd/mm/yyyy): 15 May 2021

Profile type:
[ROS] TRM X-Niskin other?

Watchkeeper(s): AF

Niskin #	Firing #	Sample #	Confirmed											
			Target Pressure	Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC

1	1	960	B-5	✓	128.0			x											
2	2	961	100*	✓	100.1			x											
3	3	962	75*	✓	75.2			x											
4	4	963	50*	✓	50.0			x											
5	5	964	30*	✓	29.9			x											
6	6	965	20*	✓	20.0			x											
7	7	966	10*	✓	10.2			xx											
8	8	967	5*	✓	4.7			x											
9	9	968	0*	✓	2.7			x											
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Bottom Depth: 132 m

Transmisso Cleaned: 01 N

Time		UTC	Local
Start		1007	0307
Bottom		1011	0311
End		1024	0324

Positional Information

Start
Lat: 53 ° 59.344 N
Lon: 130 ° 12.652 W

Bottom
Lat: 53 ° 59.346 N
Lon: 130 ° 12.654 W

End
Lat: 53 ° 59.370 N
Lon: 130 ° 12.662 W

Extra comments:
Fired bottle 3 too early.
nuts only
* 60 sec soak

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-006

Station:

OGCH46

Event #:

141

Ship:

JP Tully

UTC Date (dd|mm|yyyy): 15 May 2021

Rosette Operation

Target Pressure	Confirmed	Pressure
	✓	

Sampler's Initials / Samples Taken

OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18
HS							

Sample Lists:

All Samples	SPC	DIC

Comments

Profile type:

[ROS] TRM X-Niskin other?

Watchkeeper(s): RF

Bottom Depth: 153 m

Transmisso Cleaned: 0/1 N

Time UTC Local

Start	1101	0401
Bottom	1105	0405
End	1119	0419

Positional Information

Lat: 53.35460 N
Lon: 130.13090 W

Lat: 53.35470 N
Lon: 130.13030 W

Lat: 53.35460 N
Lon: 130.12980 W

Extra comments:

Nothing to remark.

* 60 sec soak

Niskin #	Firing #	Sample #	Target Pressure	Confirmed	Pressure	OXY	Nut-F	SAL	CHL	TOC-S	DOC-S	CDOM-S	O18	SPC	DIC	Comments
1	1	969	B-5	✓	148.3		x									
2	2	970	100*	✓	100.4		x									
3	3	971	75*	✓	75.6		x									
4	4	972	50*	✓	50.6		xx									
5	5	973	30*	✓	30.0		x									
6	6	974	20*	✓	20.0		x									
7	7	975	10*	✓	10.1		x									
8	8	976	5*	✓	5.2		x									
9	9	977	0*	✓	2.8		x									
10																
11																
12																
13																
14																
15																
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