

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

CPEI

Event #:

1

Ship:

VECTOR
Tully

UTC Date (dd|mmm|yyyy):

08-04-22

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				
1		1	b-5	✓ 152		x			x	x	x	x					
2		2	b-5	✓									xxx				
3		3	100	✓		x											
4		4	50	✓		x			x	x	x	x					
5		5	20	✓		xx		x									
6		6	10	✓		x		xx									
7		7	5	✓		x		x									
8		8	0	✓		x		x	x	x	x	x					
9		9	0	✓									xxx				
10	✓			✓													
11	✓																
12	✓																
13	✓																
14	✓																
15	✓																
16	✓																
17	✓																
18	✓																
19	✓																
20	✓																
21	✓																
22	✓																
23	✓																
24	✓																

FIRED
BUT
NOT
SAMPLED

ALL
BOTTLES
FIRED
FOR
CAST
TEST
PURPOSE

Profile type: ROS

Watchkeeper(s):

SP

Bottom Depth:

152

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 0309

Bottom 0312

End 0323

Positional Information

Lat: 50 ° 09 93 N

Lon: 127 ° 9.75 W

Lat: 50 ° 9.93 N

Lon: 127 ° 9.73 W

Lat: 50 ° 9.93 N

Lon: 127 ° 9.73 W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

FC1

Event #:

3

Ship:

Vector

UTC Date (dd|mmm|yyyy):

08-04-22

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	DIC/Haki	SPC					
1		10	b-5	✓	595		x	x		x	x	x	x						
2		11	b-5	✓			x								xxx				
3		12	50	✓	50		x	x		x	x	x	x						
4		13	30	✓	30.1		xx												
5		14	20	✓	20.4		x		x										
6		15	10	✓	10.2		x		x										
7		16	5	✓	5		x		xx										
8		17	0	✓	1.7		x		x										
9		18	0	✓				x		xx	xx	x	x						
10		19	0	✓											xxx				
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 25FEB2022

Profile type:

BOT ROS

Watchkeeper(s):

CW

Bottom Depth:

Trans Clean: ☒ Y / N Fl. Clean: ☒ Y / NPar Status: ☒ On / Off

Time UTC Local

Start 1407 0707

Bottom 1419 0714

End 1437 0737

Positional Information

Start Lat: 52 ° 8 62 N

Lon: 127 ° 2 21 W

Bottom Lat: 52 ° 8 61 N

Lon: 127 ° 2 31 W

End Lat: 52 ° 8 69 N

Lon: 127 ° 2 28 W

Extra comments: Fisher Champ

-25db

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: RO3

Event #: 8

Ship: Vector

UTC Date (dd/mmm/yyyy):

08-Apr-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: All Samples					Comments			
			Target	Confirmed	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC/Haki	SPC				
			Pressure	✓ Pressure														
1		20	b-5	✓	161										xxx			
2		21	b-5	✓	161		x	x		x	x	x	x	x				
3		22	150	✓					x	x	x		x					
4		23	100	✓			x		x	x	x		x					
5		24	75	✓					x	x	x		x					
6		25	50	✓			xx	x		x	x	x	x	xx				
7		26	30	✓					x	x	x		x					
8		27	20	✓			x		x	x	x		x					
9		28	10	✓			x		x	x	x		x					
10		29	5	✓			x		x	x	x		x					
11		30	0	✓	1.3		x	x		xx	xx	x	x	x				
12		31	0	✓	1.3										xxx			
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Version: 25FEB2022

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 166

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 2133

Bottom 2136

End 2150

Positional Information

Lat: 52° 7.097 N

Lon: 177° 4.941 W

Lat: ° 7.10 N

Lon: ° 4.945 W

Lat: ° 7.094 N

Lon: ° 4.951 W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

SP3

Event #:

14

Ship:

Vector

UTC Date (dd|mmm|yyyy):

09/04/2022

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	DIC/Haki	SPC	Nut-C	Save sheet after printing labels: YES	
1		32	b-5	✓ 495										xxx			
2		33	b-5	✓		x	x		x	x	x	x	x		x		
3		34	400	✓					x	x	x	x	x				
4		35	300	✓					x	x	x	x	x				
5		36	250	✓					x	x	x	x	x				
6		37	200	✓					x	x	x	x	x				
7		38	150	✓					x	x	x	x	x				
8		39	100	✓		x			x	x	x	x	x				
9		40	75	✓					x	x	x	x	x				
10		41	50	✓		xx	x		x	x	x	x	x				
11		42	30	✓					x	x	x	x	x				
12		43	20	✓		x		xx	x	x	x	x	x				
13		44	10	✓		x		x	x	x	x	x	x				
14		45	5	✓		x		x	x	x	x	x	x				
15		46	0	✓ 1.2		x	x	x	x	x	x	x	x				
16		47	0	✓										xxx			
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Version: 25FEB2022

Profile type: ROS BOT

Watchkeeper(s): Wright

Bottom Depth: 505

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 0541 2241

Bottom 0551

End 0613

Positional Information

Start Lat: 52° 27.675 N
Lon: 128° 5.197 WBottom Lat: 52° 27.697 N
Lon: 128° 5.228 WEnd Lat: 52° 27.704 N
Lon: 128° 5.256 W

Extra comments:

The GPS from the daily log is not reporting latitude properly.

The NMEA feed is fine but the feed to the daily log is an issue - even though it is the NMEA feed.

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2022-012

Station: MC1

Event #: 16

Ship: Vector

UTC Date (dd|mmm|yyyy): 09/04/2022

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	DIC/Haki	SPC			
1		48	b-5	✓ 250										xxx			
2		49	b-5	✓		x	x		x	x	x	x					
3		50	100	✓ 100		x											
4		51	50	✓		x	x		x	x	x	x					
5		52	20	✓		x		x									
6		53	10	✓		xx		xx									
7		54	5	✓		x		x									
8		55	0	✓		x		x									
9		56	0	✓			x		x	x	x	x					
10		57	0	✓										xxx			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Version: 25FEB2022

Profile type: ROS BOT

Watchkeeper(s): Wright

Bottom Depth:

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	1400	0700
Bottom	1408	0708
End	1417	0717

Positional Information

Start	Lat: 52 ° 22.146	N
	Lon: 128 ° 21.306	W
Bottom	Lat: 52 ° 22.147	N
	Lon: 128 ° 21.302	W
End	Lat: 52 ° 22.144	N
	Lon: 128 ° 21.274	W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

OP

Event #:

18

Ship:

Vector

UTC Date (dd|mmm|yyyy):

09-APR-22

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	DIC/Haki	SPC	Save sheet after printing labels:				
	✓											YES				

Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC/Haki	SPC	Comments
1		58	b-5	✓ 293										xxx	
2		59	b-5	✓ 293		x	x		x	x	x	x			
3		60	100	✓		x									
4		61	50	✓		x	x		x	x	x	x			
5		62	20	✓		x		x							
6		63	10	✓		xx		xx							
7		64	5	✓		x		x							
114 8		65	0	✓		x		x							
12 9		66	0	✓			x		x	x	x	x			
13 10		67	0	✓										xxx	
11		65	0	✓ 65		x		x							Fired 3
12		66	0	✓			x		x	x	x	x			extra
13		67	0	✓										xxx	surface
14															bottles as
15															concern
16															surface 8-10
17															bottles
18															fired in air
19															
20															
21															
22															
23															
24															

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 297

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On Off

Time UTC Local

Start 1601

Bottom 1607

End 1617

Positional Information

Lat: 52 ° 28.738 N

Lon: 128 ° 18.459 W

Lat: ° 28.735 N

Lon: ° 18.516 W

Lat: ° 28.733 N

Lon: ° 18.536 W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2022-012

Station: MC3

Event #: 19

Ship: Vector

UTC Date (dd|mmm|yyyy): 09/04/2022

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	DIC/Haki	SPC			
1		68	b-5	404										xxx			
2		69	b-5	400		x	x		x	x	x	x					
3		70	100	100		x											
4		71	50	50		x	x		x	x	x	x					
5		72	20	20		x		x									
6		73	10	10		xx		xx									
7		74	5	5		x		x									
8		75	0	1.5		x		x									
9		76	0	1.5			x		x	x	x	x					
10		77	0	1.5										xxx			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): DS

Bottom Depth: 415

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	1710	
Bottom	1720	
End	1733	

Positional Information

Start	Lat: 52° 35.21	N
	Lon: 120° 14.712	W
Bottom	Lat: ° 35.216	N
	Lon: ° 14.672	W
End	Lat: ° 35.216	N
	Lon: ° 14.672	W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

KY1

Event #:

22

Ship:

Vector

UTC Date (dd|mmm|yyyy):

09-APR/22

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	DIC/Hakl	SPC			
1		78	b-5	✓ 400										xxx			
2		79	b-5	✓ 400		x	x		x	x	x	x					
3		80	100	✓		x				x	x	x					
4		81	50	✓		xx	x		x	x	x	x					
5		82	20	✓		x		x									
6		83	10	✓		x		x									
7		84	5	✓		x		x									
8		85	0	✓		x		xx									
9		86	0	✓			x		xx	xx	x	x					
10		87	0	✓										xxx			
11		88	b-5	✓ 400													FOR onboard p102 system
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:

ROS

Watchkeeper(s):

SP

Bottom Depth:

408

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 2252

Bottom 2300

End 2314

Positional Information

Lat: 52 ° 45.061 N

Lon: 127 ° 59.494 W

Lat: ° 45.057 N

Lon: ° 59.471 W

Lat: ° 45.053 N

Lon: ° 59.446 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: MU1

Event #: 24

Ship: Vector

UTC Date (dd|mmm|yyyy):

10-APR/22

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	DIC/Haki	SPC			
1		89	b-5	✓ 329										xxx			
2		90	b-5	✓ 329		x	x		x	x	x	x					
3		91	100	✓		xx											
4		92	50	✓		x	x		x	x	x	x					
5		93	20	✓		x		xx									
6		94	10	✓		x		x									
7		95	5	✓		x		x									
8		96	0	✓		x		x									
9		97	0	✓			x		x	x	x	x					
10		98	0	✓										xxx			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 3

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 0109

Bottom 0114

End 0127

Positional Information

Start Lat: 52° 52.519 N

Lon: 128° 8.665 W

Bottom Lat: ° 52.526 N

Lon: ° 8.667 W

End Lat: ° 52.519 N

Lon: ° 8.664 W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

FC3

Event #:

28

Ship:

Vector

UTC Date (dd|mmm|yyyy):

10/04/2022

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	DIC/H4Si	SPC	Nut-C	Save sheet after printing labels: YES
1		99	b-5	✓ 552										xxx		
2		100	b-5	✓		x	x		x	x	x	x			x	
3		101	100	✓		x										
4		102	50	✓ 50		x	x		x	x	x	x				
5		103	20	✓ 19.8		x										
6		104	10	✓ 10		x										
7		105	5	✓		x										
8		106	0	✓ 1.2		xx										
9		107	0	✓			x		x	x	x	x				
10		108	0	✓										xxx		
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 561

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 0445 2145

Bottom 0457 2157

End 0513 2213

Positional Information

Lat: 52 ° 47 878 N

Lon: 128 ° 25 729 W

Lat: 52 ° 47 848 N

Lon: 128 ° 25 781 W

Lat: 52 ° 47 866 N

Lon: 128 ° 25 886 W

Extra comments:

clb = -0.369clb

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

GR1

Event #:

31

Ship:

Vector

UTC Date (dd|mmm|yyyy):

10/04/2022

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	DIC/Haki	SPC	Nut-C				
				✓															
Save sheet after printing labels:																		YES	
1		109	b-5	✓	428										xxx				
2		110	b-5	✓			x	x		x	x	x	x			x			
3		111	100	✓	100.5		x												
4		112	50	✓	50.4		x	x		x	x	x	x						
5		113	20	✓	19.8		x		x										
6		114	10	✓	10		x		x										
7		115	5	✓	5.2		xx		xx										
8		116	0	✓	1.5		x		x										
9		117	0	✓				x		x	x	x	x						
10		118	0	✓											xxx				
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): Cewright

Bottom Depth: 437

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 1516 0816

Bottom 1525 0825

End 1538 0835

Positional Information

Lat: 52 ° 55.556 N

Lon: 128 ° 30.709 W

Lat: 52 ° 55.565 N

Lon: 128 ° 30.75 W

Lat: 52 ° 55.549 N

Lon: 128 ° 30.757 W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012 Station: TOL1 Event #: 32 Ship: Vector UTC Date (dd|mmm|yyyy): 01/04/2022

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	DIC/Haki	SPC	Nut-C	Save sheet after printing labels: YES
1		119	b-5	✓ 316.5										xxx		
2		120	b-5	✓		xx	x		x	x	x	x				
3		121	100	✓		x										
4		122	50	✓		x	x		x	x	x	x				
5		123	20	✓		x		x								
6		124	10	✓		x		x								
7		125	5	✓		x		x								
8		126	0	✓ 1.3		x		xx								
9		127	0	✓			x		x	x	x	x				
10		128	0	✓									xxx			
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS
Watchkeeper(s): Wright

Bottom Depth:
Trans Clean: Y / N Fl. Clean: Y / N
Par Status: On / Off
Time UTC Local
Start 16 33 0933
Bottom 16 40 0940
End 16 51 0951

Positional Information
Start Lat: 52 ° 47.15 N
Lon: 128 ° 32.584 W
Bottom Lat: 52 ° 47.162 N
Lon: 128 ° 32.561 W
End Lat: 52 ° 47.16 N
Lon: 128 ° 32.539 W

Extra comments:

Sampling Log

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

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	DIC/Haki	SPC	Nut-C		
1		129	b-5	✓ 664										xxx			
2		130	b-5	✓ 664		x	x		x	x	x	x			x		
3		131	100	✓		x											
4		132	50	✓		x	x		x	x	x	x					
5		133	20	✓		x		x									
6		134	10	✓		xx		x									
7		135	5	✓		x		xx									
8		136	0	✓ 1.0		x		x									
9		137	0	✓ 1.0			x		x	x	x	x					
10		138	0	✓ 1.0										xxx			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 666

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time

UTC

Local

Start

1836

Bottom

1848

End

1908

Positional Information

Start

Lat: 52 ° 39.501 N

Lon: 128 ° 28.161 W

Bottom

Lat: ° 39.546 N

Lon: ° 28.134 W

End

Lat: ° 39.532 N

Lon: ° 28.189 W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

FC1

Event #:

36

Ship:

Vector

UTC Date (dd|mmm|yyyy):

10/04/2022
08-Apr-22

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	DIC/Haki	SPC	Nut-C				
1		139	b-5	✓ 768.6										xxx					
2	205	140	b-5	✓	x	x	x		x	x	x	x			x				
3	206	141	b-5	✓															
4	5	142	700	✓ 700	xx		x		x	x	x						For SP LOOP		
5	6	143	600	✓	x		x		x	x	x						Bottle 4 must fire		
6	7	144	500	✓	x		x		x	x	x	x					@ b-5		
7	8	145	400	✓	x		x		x	x	x						=clumped.		
8	9	146	300	✓	x		x		x	x	x								
9	10	147	250	✓	x		x		x	x	x						did not fix		
10	11	148	200		x		x		x	x	x						bottle # on label		
11	12	149	150		x		x		xx	xx	x	x							
12	13	150	100		x	x	x		x	x	x	x							
13	14	151	75		xx		x		x	x	x	x							
14	15	152	50		x	xx	x		x	x	x	x							
15	16	153	30			x	x		x	x	x	x							
16	17	154	20		x	x	x	x	x	x	x	x							
17	18	155	10		x	x	x	xx	x	x	x	x							
18	19	156	5		x	x	x	x	x	x	x	x							
19	20	157	0		x	x	x	x	xx	xx	x	x							
20	21	158	0											xxx					
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth:

Trans Clean: (Y) / N Fl. Clean: Y / N

Par Status: (On) / Off

Time UTC Local

Start 2017 1317

Bottom 2032 1332

End 2104 1404

Positional Information

Lat: 52 ° 31.076 N

Lon: 128 ° 27.845 W

Lat: 52 ° 31.08 N

Lon: 128 ° 27.86 W

Lat: 52 ° 31.069 N

Lon: 128 ° 27.853 W

Extra comments:

Finlayson Channel

010 = -0.2

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

LA1

Event #:

41

Ship:

Vector

UTC Date (dd|mmm|yyyy):

11-APR-22

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	DIC/H4i	SPC	Nut-C	Save sheet after printing labels: YES	
1		159	b-5	401										xxx			
2		160	b-5	401		x	x		x	x	x	x					
3		161	100	100		xx											
4		162	50	50		x	x		x	x	x	x					
5		163	20	20		x		x									
6		164	10	10		x		xx									
7		165	5	5		x		x									
8		166	0			x		x									
9		167	0				x		x	x	x	x					
10		168	0											xxx			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): S PEAR

Bottom Depth: 350

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0402	
Bottom	0407	
End	0419	

Positional Information

Lat:	52 ° 40.782	N
Lon:	128 ° 45.123	W

Lat:	°	N
Lon:	°	W

Lat:	°	N
Lon:	°	W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

SU2

Event #:

43

Ship:

Vector

UTC Date (dd|mmm|yyyy):

11/04/2022

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	DIC/Haki	SPC	Nut-C				
1		169	b-5	✓	126														
2		170	b-5	✓			x	x		x	x	x	x						
3		171	50	✓	50.5		xx	x		x	x	x	x						
4		172	20	✓			x		x										
5		173	10	✓			x		x										
6		174	5	✓	5.2		x		x										
7		175	0	✓	1.2		x		xx										
8		176	0	✓				x		x	x	x	x						
9		177	0	✓															
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wryglid

Bottom Depth: 142

Trans Clean: Y / N FI. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 1520 0820

Bottom 1523 0823

End 1531 0831

Positional Information

Lat: 52 ° 57.201 N

Lon: 128 ° 59.155 W

Lat: 52 ° 57.182 N

Lon: 128 ° 59.164 W

Lat: 52 ° 57.149 N

Lon: 128 ° 59.142 W

Extra comments:

Water Properties Group

**Program
STN List:**

All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: LA3

Event #: 48

Ship: Vector

UTC Date (dd|mmm|yyyy): 11/04/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists: All Samples						Comments Save sheet after printing labels: YES
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC/Haki	SPC	Nut-C				
1		178	b-5	✓ 307									xxx						
2		179	b-5	✓		x	x		x	x	x	x							
3		180	100	✓		xx													
4		181	50	✓		x	x		x	x	x	x							
5		182	20	✓		x		x											
6		183	10	✓		x		xx											
7		184	5	✓		x		x											
8		185	0	✓ 0.66		x		x											
9		186	0	✓			x		x	x	x	x							
10		187	0	✓									xxx						
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): wrold

Bottom Depth: 372

Trans Clean: Y / ~~N~~ Fl. Clean: Y / N

Par Status: ☒ On / ☐ Off

Time	UTC	Local
------	-----	-------

Start	2108	1408
-------	------	------

Bottom	2115	1415
--------	------	------

End	2128	
-----	------	--

Positional Information

Lat: 52 ° 51.302 N

Lon: 128° 43.401

Lat: 52 ° 51.306 N

Lon: 128 ° 43.386 V

Lat: 52 ° 51.319 N

Lon: 128 ° 43.380 V

Extra comments:

$$\partial b = -0.02$$

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: KC10

Event #: 54

Ship: Vector

UTC Date (dd|mmm|yyyy): 12/04/22

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	DIC/Haki	SPC	Nut-C	Save sheet after printing labels: YES
1		188	b-5	✓ 372										xxx		
2		189	b-5	✓		x	x		x	x	x	x				
3		190	100	✓ 100.5		x										
4		191	50	✓ 50.4		x	x		x	x	x	x				
5		192	20	✓ 20		x		x								
6		193	10	✓ 10.3		xx		xx								
7		194	5	✓ 5		x		x								
8		195	0	✓ 1.5		x		x								
9		196	0	✓			x		x	x	x	x				
10		197	0	✓										xxx		
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): wright

Bottom Depth: 365

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	1557	0857
Bottom	1604	0904
End	1617	0917

Positional Information

Start	Lat: 51 ° 39.057	N
	Lon: 127 ° 57.065	W
Bottom	Lat: 51 ° 39.019	N
	Lon: 127 ° 57.042	W
End	Lat: 51 ° 38.995	N
	Lon: 127 ° 56.995	W

Extra comments:

DP - 0.37p

Water Properties Group

**Program
STN List:**

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

SM4

Event #:

65

Ship:

Vector

UTC Date (dd mmm yyyy):

13-APR/22

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	DIC/Haki	SPC	Nut-C				
			✓																
1		198	b-5		181										xxx				
2		199	b-5		181		xx			x	x	x	x						
3		200	b-5		181			x											
4		201	150		150		x	x		x	x	x	x	x					
5		202	100		100		x	x		x	x	x	x	x					
6		203	75		75		x	xx		x	x	x	x	xx					
7		204	50		50		x			x	x	x	x						
8		205	50		50			x											
9		206	30		30		x	x		x	x	x	x	x					
10		207	20		20		x	x	x	x	x	x	x	x					
11		208	10		10		x	x	x	x	x	x	x	x					
12		209	5		5		x	x	xx	x	x	x	x	x					
13		210	0		1.1			x	x					x					
14		211	0		1.1		x			x	x	x	x						
15		212	0		1.1										xxx				
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): D. S. PLATE

Bottom Depth: 185

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: ☒ On / ☐ Off

<i>Time</i>	<i>UTC</i>	<i>Local</i>
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Start	0302
-------	------

Bottom	0309
--------	------

End	0320
-----	------

Positional Information

Lat: 51 ° 21.586 N

Lon: 127° 9.014 W

Lat: 57° 21.586 N

Lon: 127 ° 9.027 W

Lat: 51 ° 21.597 N

Lon: 127. ° 9.02 W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

NS0

Event #:

69

Ship:

Vector

UTC Date (dd|mmm|yyyy):

13/04/2022

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	DIC/H4Si	SPC	Nut-C			
1		213	b-5	✓	83.5									xxx				
2		214	b-5	✓			x	x		x	x	x	x					
3		215	50	✓	50.3		xx	x		x	x	x	x					
4		216	20	✓	20.5		x		xx									
5		217	10	✓	10.2		x		x									
6		218	5	✓	5		x		x									
7		219	0	✓	1.5		x		x									
8		220	0	✓				x		x	x	x	x					
9		221	0	✓										xxx				
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth:

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 1537 0837

Bottom 1538 0838

End 1544 0844

Positional Information

Start Lat: 51 ° 5.596 N
Lon: 127 ° 28.804 WBottom Lat: 51 ° 5.603 N
Lon: 127 ° 28.813 WEnd Lat: 51 ° 5.609 N
Lon: 127 ° 28.849 W

Extra comments:

DP = -0.113

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID: 2022-012

Station: SE2

Event #: 71

Ship: Vector

UTC Date (dd|mmm|yyyy):

13-APR-22

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	DIC/Hakl	SPC	Nut-C				
1		222	b-5	✓	91														
2		223	b-5	✓	91		xx	x		x	x	x	x			xxx			
3		224	50	✓			x	x		x	x	x	x						
4		225	20	✓			x		x										
5		226	10	✓			x		x										
6		227	5	✓			x		x										
7		228	0	✓			x		xx										
8		229	0	✓				x		x	x	x	x						
9		230	0	✓												xxx			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:	ROS
Watchkeeper(s):	SP

Bottom Depth:	97	
Trans Clean:	Y / N	
FI. Clean:	Y / N	
Par Status:	On / Off	
Time	UTC	Local
Start	1631	
Bottom	1633	
End	1641	

Positional Information		
Start	Lat: 81 ° 3.435	N
	Lon: 127 ° 23.501	W

Bottom	Lat:	°	N
	Lon:	°	W

End	Lat:	°	N
	Lon:	°	W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: SE4

Event #: 74

Ship: Vector

UTC Date (dd|mmm|yyyy):

13-APR-22

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	DIC/H4SiO4	SPC	Nut-C				
				✓															
1		231	b-5	✓	342										xxx				
2		232	b-5	✓		x	x	x						x		x			
3		233	b-5	✓					x	x	x	x							
4		234	400	✓		x	x	x					x		xx				
5		235	400	✓					x	x	x	x							
6		236	300	✓		x	x	x					x						
7		237	300	✓					x	x	x	x							
8		238	200	✓		xx	x	x					x						
9		239	200	✓					x	x	x	x							
10		240	100	✓		x	x	x					x						
11		241	100	✓					x	x	x	x							
12		242	75	✓		x	x	x					x						
13		243	75	✓					x	x	x	x							
14		244	50	✓		x	x	x					x						
15		245	50	✓					x	x	x	x							
16		246	20	✓		xx	x	x	x				x						
17		247	20	✓					x	x	x	x							
18		248	10	✓		x	xx	x	x				xx						
19		249	10	✓					x	x	x	x							
20		250	5	✓		x	x	x	xx				x						
21		251	5	✓					xx	xx	x	x							
22		252	0	✓	1.016	x	x	x	x				x						
23		253	0	✓					x	x	x	x							
24		254	0	✓										xxx					

Version: 25FEB2022

250B
CHI

Profile type: ROS
Watchkeeper(s): SP

Bottom Depth: 528
Trans Clean: Y / N Fl. Clean: Y / N
Par Status: On / Off
Time UTC Local
Start 1833
Bottom 1843
End 1904

Positional Information
Start Lat: 51 ° 3.178 N
Lon: 127 ° 7.948 W
Bottom Lat: 51 ° 3.173 N
Lon: 127 ° 7.948 W
End Lat: 51 ° 3.188 N
Lon: 127 ° 7.902 W

Extra comments:

250B
CHL
SE4
2022-012
5 m
bot 20

← LOST

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012 Station: FRS1 Event #: 77 Ship: Vector UTC Date (dd|mmm|yyyy): 13/04/2022

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	DIC/Haki	SPC	Nut-C			
				✓														
1		255	b-5	✓ 236										xxx				
2		256	b-5	✓		x	x		x	x	x	x						
3		257	100	✓ 100		x												
4		258	50	✓ 50		x	x		x	x	x	x						
5		259	20	✓ 20		x		x										
6		260	10	✓		x		x										
7		261	5	✓		xx		xx										
8		262	0	✓ 1.06		x		x										
9		263	0	✓			x		x	x	x	x			x			
10		264	0	✓										xxx				
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 242

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	21 45	17 48
Bottom	21 50	17 50
End	22 00	18 00

Positional Information

Lat:	51 ° 02.247	N
Lon:	126 ° 43.019	W

Lat:	51 ° 02.247	N
Lon:	126 ° 43.014	W

Lat:	51 ° 02.252	N
Lon:	126 ° 42.997	W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: SE6

Event #: 78

Ship: Vector

UTC Date (dd|mmm|yyyy): 13/04/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: All_Samples						Comments	
			Target	Confirmed	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC/Haki	SPC	Nut-C			
			Pressure	√ Pressure														
1		265	b-5	✓ 530.1										xxx				
2		266	b-5	✓		x	x		x	x	x	x						
3		267	100	✓ 100		x												
4		268	50	✓ 50		x	x		x	x	x	x						
5		269	20	✓ 20		x		x										
6		270	10	✓ 10		x		x										
7		271	5	✓ 5		xx		xx										
8		272	0	✓ 1.0		x		x										
9		273	0	✓			x		x	x	x	x						
10		274	0	✓										xxx				
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 530

Trans Clean: Y / N FI. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	2254	1554
Bottom	2304	1604
End	2321	1621

Positional Information

Start	Lat: 51 ° 4.313	N
	Lon: 126 ° 52.301	W
Bottom	Lat: 51 ° 4.310	N
	Lon: 126 ° 52.321	W
End	Lat: 51 ° 4.315	N
	Lon: 126 ° 52.324	W

Extra comments:

-0.182 alb

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

SE7.5

Event #:

83

Ship:

Vector

UTC Date (dd|mmm|yyyy):

14/04/2022

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	DIC/Haki	SPC	Nut-C			Save sheet after printing labels: YES
1		275	b-5		365									xxx				
2		276	b-5		365		x	x		x	x	x	x					
3		276	100		100		x											
4		277	50		50		x	x		x	x	x	x					
5		277	20		20		x		x									
6		278	10		10		x		x									
7		278	5		5		xx		xx									
8		279	0				x		x									
9		279	0					x		x	x	x	x					
10		280	0											xxx				
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): SPARK

Bottom Depth: 365

Trans Clean: Y N Fl. Clean: N

Par Status: On / Off

Time	UTC	Local
Start	0354	
Bottom	0400	
End	0414	

Positional Information

Lat: 51° 8.211 N
Lon: 126° 41.482 W

Lat: ° N
Lon: ° W

Lat: ° N
Lon: ° W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: BE6

Event #: 87

Ship: Vector

UTC Date (dd|mmm|yyyy): 14/04/2022

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	DIC/Haki	SPC	Nut-C		Save sheet after printing labels: YES	
1		281	b-5	✓ 324.6										xxx				
2		282	b-5	✓		x	x		x	x	x	x						
3		283	100	✓ 100		x												
4		284	50	✓ 50		x	x		x	x	x	x						
5		285	20	✓ 20.3		x		x										
6		286	10	✓ 10.2		x		x										
7		287	5	✓ 5.1		xx		xx										
8		288	0	✓ 1.39		x		x										
9		289	0	✓			x		x	x	x	x	x					
10		290	0	✓										xxx				
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): Wrynd

Bottom Depth: 328

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 1446 746

Bottom 1452 752

End 1504 0804

Positional Information

Lat: 51 ° 6.526 N

Lon: 127 ° 2.125 W

Lat: 51 ° 6.527 N

Lon: 127 ° 2.124 W

Lat: 51 ° 6.527 N

Lon: 127 ° 2.117 W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

BE4

Event #:

8089

Ship:

Vector

UTC Date (dd|mmm|yyyy):

14-Apr-22

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	DIC/Haki	SPC	Nut-C	DICIOS			
1		291	b-5	✓ 310.9									xxx						
2		292	b-5	✓		x	x						x			x			
3		293	b-5	✓					x	x	x	x							
4		294	300	✓ 300.2		x	x						x			x			
5		295	300	✓ 300					x	x	x	x							
6		296	200	✓		x	x						x			x			
7		297	200	✓					x	x	x	x							
8		298	100	✓ 100.4		x	x						x			x			
9		299	100	✓					x	x	x	x							
10		300	75	✓ 75		x	x						x			xx			
11		301	75	✓					x	x	x	x							
12		302	50	✓ 50		x	x						x			x			
13		303	50	✓					x	x	x	x							
14		304	20	✓		x	x	x					x			x			
15		305	20	✓					x	x	x	x							
16		306	10	✓ 10		x	xx	x					xx			x			
17		307	10	✓					x	x	x	x							
18		308	5	✓ 5.1		x	x	xx					x			x			
19		309	5	✓					xx	xx	x	x							
20		310	0	✓		x	x	x					x			x			
21		311	0	✓					x	x	x	x							
22		312	0	✓									xxx						
23																			
24																			

Version: 25FEP2022

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 372

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	1630	0930
Bottom	1638	0938
End	1654	0954

Positional Information

Lat: 51 ° 7.803	N
Lon: 127 ° 15.2166	W

Lat: 51 ° 7.807	N
Lon: 127 ° 15.256	W

Lat: 51 ° 7.816	N
Lon: 127 ° 15.238	W

Extra comments:

Haki DK samples are taken first

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

MES0

Event #:

94

Ship:

Vector

UTC Date (dd|mmm|yyyy):

14/04/2022

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	DIC/Haki	SPC	Nut-C				
1		313	b-5	✓	202									xxx					
2		314	b-5	✓			x	x		x	x	x	x						
3		315	100	✓	101.6		xx												
4		316	50	✓	51		x	x		x	x	x	x						
5		317	20	✓	20.3		x		xx										
6		318	10	✓	10		x		x										
7		319	5	✓	5		x		x										
8		320	0	✓	0.9		x		x										
9		321	0	✓				x		x	x	x	x						
10		322	0	✓										xxx					
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 217

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	2019	1319
Bottom	2023	1323
End	2033	1333

Positional Information

Start
Lat: 51 ° 7.792 N
Lon: 127 ° 25.243 W

Bottom
Lat: 51 ° 7.792 N
Lon: 127 ° 25.257 W

End
Lat: 51 ° 7.790 N
Lon: 127 ° 25.260 W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

MES4

Event #:

103

Ship:

Vector

UTC Date (dd|mmm|yyyy):

14 APR / 22

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	DIC/Haki	SPC	Nut-C				
1		323	b-5	✓	160														
2		324	b-5	✓	160		x	x		x	x	x	x						
3		325	100	✓			xx												
4		326	50	✓			x	x		x	x	x	x						
5		327	20	✓			x		xx										
6		328	10	✓			x		x										
7		329	5	✓			x		x										
8		330	0	✓			x		x										
9		331	0	✓				x		x	x	x	x						
10		332	0	✓															
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:

ROS

Watchkeeper(s):

SP

Bottom Depth:

162

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On Off

Time UTC Local

Start 2253

Bottom 2257

End 2305

Positional Information

Lat: 51° 11.825 N

Lon: 127° 21.197 W

Lat: 51° 11.826 N

Lon: 127° 21.198 W

Lat: 51° 11.827 N

Lon: 127° 21.207 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: BE1

Event #: 106

Ship: Vector

UTC Date (dd|mmm|yyyy):

15/04/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists: All Samples					Comments
			Target	Confirmed	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC/Haki	SPC	Nut-C			
			Pressure	√ Pressure														
1		333	b-5	✓ 220										xxx				
2		334	b-5	✓		x	x		x	x	x	x						
3		335	100	✓ 100		xx												
4		336	50	✓ 50		x	x		x	x	x	x						
5		337	20	✓ 20		x		x										
6		338	10	✓ 10		x		x										
7		339	5	✓ 4.98		xx		x										
8		340	0	0.99		x		xx										
9		341	0				x		xx	xx	xx	x						
10		342	0											xxx				
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 224

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 0148 1848

Bottom 0152 1852

End 0202 1902

Positional Information

Start Lat: 51 ° 7.710 N

Lon: 127 ° 34.283 W

Bottom Lat: 51 ° 7.711 N

Lon: 127 ° 34.294 W

End Lat: 51 ° 7.714 N

Lon: 127 ° 34.316 W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

QSC2

Event #:

110

Ship:

Vector

UTC Date (dd|mmm|yyyy):

15 APR/22

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	DIC/H4Si	SPC	Nut-C				
1		343	b-5	✓ 214	x														
2		344	150	✓ 150	x														
3		345	100	✓	xx														
4		346	75	✓	x														
5		347	50	✓ 50.3	x														
6		348	30	✓	x														
7		349	20	✓ 20.5	x														
8		350	10	✓	x														
9		351	5	✓ 5.2	x														
10		352	0	✓ 1.4	x														
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 220

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start

Bottom

End

Positional Information

Lat: N

Lon: W

Lat: 50 ° 46.544 N

Lon: 127 ° 2.440 W

Lat: 50 ° 46.547 N

Lon: 127 ° 2.434 W

Extra comments:

Terra term crapped
out and by the time
I noticed it was at
BQ

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: SC

Event #: 114

Ship: Vector

UTC Date (dd|mmm|yyyy):

15/04/2022

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	DIC/Haki	SPC	Nut-C		
1		353	b-5	✓ 226.7										xx			
2		354	b-5	✓		x	x		x	x	x	x					
3		355	100	✓ 100.5		xx											
4		356	50	✓ 50		x	x		x	x	x	x					
5		357	20	✓ 20		x		xx									
6		358	10	✓ 10.5		x		x									
7		359	5	✓ 5.2		x		x									
8		360	0	✓ 1.1		x		x									
9		361	0	✓			x		x	x	x	x					
10		362	0	✓										xxxx			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): wright

Bottom Depth: 232

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On Off

Time	UTC	Local
Start	1655	0955
Bottom	1659	0959
End	1718	1018

Positional Information

Lat: 50 ° 53.407 N
Lon: 126 ° 45.802 W

Lat: 50 ° 53.407 N
Lon: 126 ° 45.803 W

Lat: 50 ° 53.381 N
Lon: 126 ° 45.820 W

Extra comments:
Sutley Channel

* Ship was discharging (galley?) = soapy
→ waited at 5m until water not too sudsy.] went back down to 10m (x2)
to flush and then up to 5

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

KIN1.5

Event #:

116

Ship:

Vector

UTC Date (dd|mmm|yyyy):

15-APR-22

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	DIC/H4Si	SPC	Nut-C	IOSDIC				
			✓																	
1		363	b-5	✓	493.7										XXXX					
2		364	b-5	✓			x	x						x						
3		365	b-5	✓						x	x	x	x					x		
4		366	300	✓			x	x						x						
5		367	300	✓						x	x	x	x					x		
6		368	200	✓			x	x						x						
7		369	200	✓						x	x	x	x					xx		
8		370	100	✓			xx	x						x						
9		371	100	✓						x	x	x	x					x		
10		372	75	✓			x	x						x						
11		373	75	✓						x	x	x	x					x		
12		374	50	✓			x	x						x						
13		375	50	✓						x	x	x	x					x		
14		376	20	✓			x	x	x					xx						
15		377	20	✓						x	x	x	x					x		
16		378	10	✓			x	xx	x					x						
17		379	10	✓						x	x	x	x					x		
18		380	5	✓			x	x	xx					x						
19		381	5	✓						x	xx	x	x					x		
20		382	0	✓	1.9		x	x	x					x						
21		383	0	✓						xx	x	x	x					x		
22		384	0	✓											xx					
23																				
24																				

Version: 25FEB2022

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s):

SP

Bottom Depth:

475

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 1914

Bottom 1924

End 1941

Positional Information

Lat: 50 ° 56.188 N

Lon: 126 ° 28.929 W

Lat: 50 ° 56.195 N

Lon: 126 ° 28.919 W

Lat: 50 ° 56.193 N

Lon: 126 ° 28.915 W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2022-012

Station: KIN2

Event #: 119

Ship: Vector

UTC Date (dd|mmm|yyyy): 16/04/2022

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	DIC/Hakl	SPC	Nut-C			
			✓															
1		395	b-5		369									xxx				
2		396	b-5		369		x	x		x	x	x	x					
3		397	100		100		x											
4		398	50		50		x	x		x	x	x	x					
5		399	20		20		x		x									
6		400	10		10		x		x									
7		401	5		5		xx		xx									
8		402	0				x		x									
9		403	0					x		x	x	x	x			x		
10		404	0											xxx				
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): DS

Bottom Depth: 371

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 0111

Bottom 0119

End 0150

Positional Information

Start Lat: 50° 55.486 N

Lon: 126° 23.204 W

Bottom Lat: 50° 55.507 N

Lon: 126° 23.223 W

End Lat: 50° 55.507 N

Lon: 126° 23.188 W

Extra comments:

NOTE This stations net was extremely red/brown.
We took a phyto sample for analysis # 403 Bottle 9.

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: WS0.5

Event #: 121

Ship: Vector

UTC Date (dd|mmm|yyyy):

16/04/2022

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	DIC/Haki	SPC	Nut-C					
			✓																	
1		385	b-5	✓	430									xx						
2		386	b-5	✓			x	x		x	x	x	x							
3		387	100	✓	100		x													
4		388	50	✓			x	x		x	x	x	x							
5		389	20	✓	20		x		x											
6		390	10	✓	9.9		x		x											
7		391	5	✓	5.0		xx		xx											
8		392	0	✓	1.1		x		x											
9		393	0	✓				x		x	x	x	x							
10		394	0	✓										xxxx						
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Version: 25FFR2022

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 432

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 0243 1942

Bottom 0252 1942

End 0305 2005

Positional Information

Start Lat: 50° 58.562 N

Lon: 126° 30.455 W

Bottom Lat: 50° 58.576 N

Lon: 126° 30.480 W

End Lat: 50° 58.594 N

Lon: 126° 30.410 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

FIS1

Event #:

125

Ship:

Vector

UTC Date (dd|mmm|yyyy):

16/04/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists: All Samples							Comments	
			Target Pressure	Confirmed	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC/Haki	SPC	Nut-C					
			✓	Pressure																
1		405	b-5	✓	300									xx						
2		406	b-5	✓			x	x		x	x	x	x							
3		407	100	✓			x													
4		408	50	✓			x	x		x	x	x	x							
5		409	20	✓			x		x											
6		410	10	✓			x		x											
7		411	5	✓			xx		xx											
8		412	0				x		x											
9		413	0					x		x	x	x	x							
10		414	0											xxxx						
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Version: 05FEB2003

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 305

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	1500	
Bottom	1506	
End	1518	

Positional Information

Lat: 50 ° 46.945 N
Lon: 126 ° 46.921 W

Lat: ° N
Lon: ° W

Lat: ° N
Lon: ° W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: TRC3

Event #: 128

Ship: Vector

UTC Date (dd|mmm|yyyy): 16-04-2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken								Sample Lists: All Samples								Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			Target	Confirmed	Pressure	✓	Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC/Haki	SPC	Nut-C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

Profile type: ROS

Watchkeeper(s): DS

Bottom Depth: 230

Trans Clean: ☒ / N Fl. Clean: Y / N

Par Status: ☒ On / Off

Time	UTC	Local
Start	1654	0954
Bottom	1659	0959
End	1708	1008

Positional Information

Start	Lat: 50° 48.950	N
	Lon: 126° 25.400	W
Bottom	Lat: 50° 48.957	N
	Lon: 126° 25.355	W
End	Lat: 50° 48.957	N
	Lon: 126° 25.233	W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: TRC2

Event #: 132

Ship: Vector

UTC Date (dd|mmm|yyyy): 16-04-2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken										Sample Lists: All Samples				Comments	
			Target	Confirmed	Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	DIC/Haki	SPC	Nut-C					
			Pressure	✓																Pressure	
1		425	b-5		192										xx						
2		426	b-5		192		x	x		x	x	x	x								
3		427	100		100		x														
4		428	50		50		x	x		x	x	x	x								
5		429	20		20		x		x												
6		430	10		10		x		x												
7		431	5		5		xx		x												
8		432	0		1.1		x		xx												
9		433	0		1.1			x		x	x	x	x								
10		434	0		1.1										xxxx						
11																					
12																					
13																					
14																					
15																					
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																					
24																					

Version: 25FEB2022

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): DS

Bottom Depth: 203

Trans Clean: (Y) / N Fl. Clean: Y / N

Par Status: (On) / Off

Time UTC Local

Start 1836

Bottom 1850

End 1850

Positional Information

Start Lat: 50° 49.201 N

Lon: 126° 12.760 W

Bottom Lat: ° N

Lon: ° W

End Lat: ° N

Lon: ° W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

TRC1

Event #:

140

Ship:

Vector

UTC Date (dd|mmm|yyyy):

16-04-2022

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	DIC/Hakl	SPC	Nut-C	Save sheet after printing labels: YES	
1		435	b-5	286											xx		
2		436	b-5	286		x	x			x	x	x	x				
3		437	100	100		x											
4		438	50	50		x	x			x	x	x	x				
5		439	20	20		x			x								
6		440	10	10		x			x								
7		441	5	5		xx			x								
8		442	0	0.9		x			xx								
9		443	0 x	0.9				x		x	x	x	x				
10		444	0	0.9										xxxx			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS
Watchkeeper(s): DSBottom Depth: 284
Trans Clean: Y / N Fl. Clean: Y / N
Par Status: On / Off
Time UTC Local
Start 2234
Bottom 2239
End 2257Positional Information
Start Lat: 50° 43.587 N
Lon: 126° 10.841 WBottom Lat: 50° 43.576 N
Lon: 126° 10.862 WEnd Lat: 50° 43.58 N
Lon: 126° 10.873 W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

SWL

Event #:

143

Ship:

Vector

UTC Date (dd|mmm|yyyy):

17/04/2022

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	DIC/Hak	SPC	Nut-C				
1		445	b-5	✓	65														
2		446	b-5	✓			x	x		x	x	x	x			xx			
3		447	50	✓	50		x	x		x	x	x	x						
4		448	20	✓	20		x		x										
5		449	10	✓			x		xx										
6		450	5	✓	4.9		xx		x										
7		451	0	✓			x		x										
8		452	0	✓				x		x	x	x	x						
9		453	0	✓						x	x	x	x				x		
10													xxxx						
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 70

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On Off

Time UTC Local

Start 0208 1908

Bottom 0209 1909

End 0215 1915

Positional Information

Start Lat: 50 ° 38.071 N

Lon: 126 ° 40.015 W

Bottom Lat: 50 ° 38.079 N

Lon: 126 ° 40.01 W

End Lat: 50 ° 38.086 N

Lon: 126 ° 40.102 W

Extra comments:

~ 20 knots wind

DP = -0.406

Took phyto due to dark brown material
in zooplankton netlots of current - didn't
wait full 60sec at start
sensors were agreeing well.

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

KN1

Event #:

145

Ship:

Vector

UTC Date (dd|mmm|yyyy):

17-APR/22

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	DIC/H4Si	SPC	Nut-C	Save sheet after printing labels: YES	
1		454	b-5	✓ 249.7										xx			
2		455	b-5	✓		x	x		x	x	x	x					
3		456	100	✓		x											
4		457	50	✓		x	x		x	x	x	x					
5		458	20	✓		x		x									
6		459	10	✓		x		x									
7		460	5	✓		x		xx									
8		461	0	✓ 1.1		xx		x									
9		462	0	✓			x		x	x	x	x					
10		463	0	✓										xxxx			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 253

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On Off

Time UTC Local

Start 0342

Bottom 0348

End

Positional Information

Lat: 50° 38.09 N

Lon: 126° 25.32 W

Lat: ° N

Lon: ° W

Lat: ° N

Lon: ° W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-012

Station: KN10

Event #: 148

Ship: Vector

UTC Date (dd/mmm/yyyy): 17/04/2022

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	DIC/Haki	SPC	Nut-C			Save sheet after printing labels: YES
			✓															
1		464	b-5	✓ 32.6										xx				
2		465	b-5	✓		x	x		x	x	x	x						
3		466	100	✓		xx												
4		467	50	✓		x	x		x	x	x	x						
5		468	20	✓ 20		x		xx										
6		469	10	✓		x		x										
7		470	5	✓ 5.0		x		x										
8		471	0	✓ 1.7		xx		x										
9		472	0	✓			x		x	x	x	x						
10		473	0	✓										xxxx				
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): Wright

Bottom Depth: 330

Trans Clean: Y N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	1445	0745
Bottom	1457	0757
End	1504	0804

Positional Information

Start	Lat: 51 ° 58.627 N
	Lon: 125 ° 33.530 W

Bottom	Lat: 51 ° 58.626 N
	Lon: 125 ° 33.531 W

End	Lat: 51 ° 58.628 N
	Lon: 125 ° 33.535 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

KN8

Event #:

151

Ship:

Vector

UTC Date (dd|mmm|yyyy):

17-APR/22

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	DIC/Hakl	SPC	Nut-C	IOSDIC	Save sheet after printing labels:	YES
1		474	b-5	483										xxxx				
2		475	b-5	483	x	x	x						x		x			
3		476	b-5	483					x	x	x	x						
4		477	300	300	x	x	x						x					
5		478	300	300					x	x	x	x						
6		479	200	200	xx	x	x						x					
7		480	200	200					x	x	x	x						
8		481	100	100	x	x	x						x					
9		482	100	100					x	x	x	x						
10		483	75	75	x	x	x						x					
11		484	75	75					x	x	x	x						
12		485	50	50	x	xx	x						x					
13		486	50	50					x	x	x	x						
14		487	20	20	x	x	x	x					xx					
15		488	20	20					x	x	x	x						
16		489	10	10	x	x	x	xx					x					
17		490	10	10					x	x	x	x						
18		491	5	5.2	x	x	x	x					x					
19		492	5	5.2					xx	xx	x	x						
20		493	0		x	x	x	x					x					
21		494	0						x	x	x	x						
22		495	0											xx				
23																		
24																		

Profile type:

ROS

Watchkeeper(s):

SPDS

Bottom Depth:

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start	1702	
Bottom	1712	
End	1729	

Positional Information

Lat:	50 ° 52.349	N
Lon:	125 ° 38.731	W

Lat:	°	N
Lon:	°	W

Lat:	°	N
Lon:	°	W

Extra comments:

Water Properties Group

**Program
STN List:**

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

KN6

Event #: _____

Ship:

Vector

UTC Date (dd|mmm|yyyy):

17/04/2022

[illegible]

Profile type:	ROS
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Watchkeeper(s): Wright

Bottom Depth: 519

Trans Clean: Y / N El. Clean: ~~Y~~ / N

Par Status: ☒ On / ☐ Off

<i>Time</i>	<i>UTC</i>	<i>Local</i>
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Start	19:02	12:02
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Bottom	19 12	12 12
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End	19 28	1228
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Positional Information

Start	Lat: 50 ° 45.318 N
	Lon: 125 ° 41.033 W

Bottom	Lat: 50 ° 45.362 N
	Lon: 125 ° 40.952 W

Lat:	50	°	45.353	N
Lon:	125	°	40.90	W

Extra comments:

$$DP = -0.456$$

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-012

Station:

KN4

Event #:

157

Ship:

Vector

UTC Date (dd|mmm|yyyy):

17-04-2022

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	DIC/Haki	SPC	Nut-C	Save sheet after printing labels: YES			
1		506	b-5		448									XX					
2		507	b-5		448		x	x		x	x	x	x		x				
3		508	100		100		x												
4		509	50		50		x	x		x	x	x	x						
5		510	20		20		x		x										
6		511	10		10		x		x										
7		512	5		5		x		XX										
8		513	0				XX		x										
9		514	0					x		x	x	x	x						
10		515	0											XXXX					
11		—	No Sample Taken - Finger trouble																
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 25FEB2022

Profile type: ROS

Watchkeeper(s): DS

Bottom Depth: 450

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 2345

Bottom 2354

End 00:08

Positional Information

Start Lat: 50° 40.761 N
Lon: 125° 55.871 WBottom Lat: 50° 40.757 N
Lon: 125° 55.839 WEnd Lat: 50° 40.772 N
Lon: 125° 55.833 W

Extra comments:

1918

