

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2022-015 Station: LC01 Event #: 4 Ship: Franklin UTC Date (dd|mmm|yyyy): 03 | May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	CHL	HPLC									
1	1	1	Bot-10	✓ 88	x	x											
2	2	2	75	✓	x	xx											
3	3	3	50	✓	xx	x	x										
4	4	4	30	✓	x	x	xx										
5	5	5	20	✓	x	x	x										
6	6	6	10	✓	x	x	xx										
7	7	7	5	✓	x	x	x	xx									Fluora = 0.40
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): GC/IN

Bottom Depth: 92 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0831	0131
Bottom	0833	
End	0845	

Positional Information

Start

Lat: 48 ° 50.422 N

Lon: 125 ° 27.757 W

Bottom

Lat: 48 ° 50.431 N

Lon: 125 ° 27.763 W

End

Lat: 48 ° 50.438 N

Lon: 125 ° 27.706 W

Extra comments:

Winchman didn't understand
Command so went up to 40m then
back to 75m

Cruise ID: 2022-015

Station: LC02

Event #: 5

Ship: Franklin

UTC Date (dd|mmm|yyyy): 03 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core_Samples					Comments			
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal	Nut-F	CHL	HPLC		DIC	Lugol's	DA					Save sheet after printing labels: YES	
1	1	8	Bot-10	✓ 100	x		x					x							
2	2	9	75	✓	x		x					xx							
3	3	10	50	✓	xx		x	x				x							
4	4	11	30	✓	x		x	x				xx							
5	5	12	20	✓	x		xx	x				x							
6	6	13	10	✓	x		x	xx				x							
7	7	14	5	✓	x	x						x							
8	8	15	5	✓			x	x	xx				x	x				Fluoro:	
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): GC

Bottom Depth: 106 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	0931	0231
Bottom	0934	
End	0945	

Positional Information

Start

Lat: 48 ° 48.640 N

Lon: 125 ° 30.961 W

Bottom

Lat: 48 ° 48.646 N

Lon: 125 ° 30.958 W

End

Lat: 48 ° 48.623 N

Lon: 125 ° 30.947 W

Extra comments:

Cruise ID: 2022-015

Station: LC04

Event #: 8

Ship: Franklin

UTC Date (dd|mmm|yyyy): 03/May/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: All_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC									
1	1	16	Bot-10	✓ 159	x	x											
2	2	17	150	✓ 150	x	x											
3	3	18	125	✓	x	x											
4	4	19	100	✓	x	x											
5	5	20	75	✓	x	x											
6	6	21	50	✓	x	xx	x										
7	7	22	30	✓	xx	x	xx										
8	8	23	20	✓	x	x	x										
9	9	24	10	✓	x	x	x										
10	10	25	5	✓	x	x	x	xx									Fluoro
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: BOT

Watchkeeper(s): GC

Bottom Depth: 162

Trans Clean: Y / ☒ N Fl. Clean: Y / N

Par Status: On / ☒ Off

Time UTC Local

Start 1202 0502

Bottom 1206

End 1223

Positional Information

Start

Lat: 48 ° 43.434 N

Lon: 125 ° 40.771 W

Bottom

Lat: 48 ° 43.438 N

Lon: 125 ° 40.726 W

End

Lat: 48 ° 43.482 N

Lon: 125 ° 40.788 W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2022-015 Station: LG02 Event #: 1210 Ship: Franklin UTC Date (dd|mmm|yyyy): 04 May 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC		Lugol's	Form	Glut	DA				
1	1	26	Bot-10	✓ 90	x	x											
2	2	27	75	✓ 75	xx	x											
3	3	28	50	✓	x	xx	x										
4	4	29	50	✓													
5	5	30	30	✓ 31	x	x	xx										No samples taken. - see note.
6	6	31	20	✓	x	x	x										
7	7	32	10	✓	x	x	x										
8	8	33	5	✓	x	x	x	xx		x	x	x	x				Fluoro 0.300
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): AC

Bottom Depth: 97 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0453	2154
Bottom	0455	
End	0507	

Positional Information
Start
Lat: 49 ° 18.781 N
Lon: 126 ° 38.117 W

Bottom
Lat: 49 ° 18.781 N
Lon: 126 ° 38.112 W

End
Lat: 49 ° 18.811 N
Lon: 126 ° 38.128 W

Extra comments:
Samples not taken out of bottle 4. Error on Sample Log

11 19.3309 B -0.0464 Path length 0.250cm

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-015 Station: LG04 Event #: 15 Ship: Franklin UTC Date (dd|mmm|yyyy): 04 May 22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	CHL	HPLC									
1	1	39	Bot-10	✓ 133	x	x											
2	2	40	125	✓	x	x											
3	3	41	100	✓	x	x											
4	4	42	75	✓	x	xx											
5	5	43	50	✓	x	x	x										
6	6	44	30	✓	xx	x	x										
7	7	45	20	✓	x	x	x										
8	8	46	10	✓	x	x	x										
9	9	47	5	✓	x	x	xx	xx									Fluoro = 0.6
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Watchkeeper(s): GC/SN

Bottom Depth: 138 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	0706	00:06
Bottom	0709	
End	0724	

Positional Information

Start Lat: 49 ° 11.338 N

Start Lon: 126 ° 49.048 W

Bottom Lat: 49 ° 11.347 N

Bottom Lon: 126 ° 49.036 W

End Lat: 49 ° 11.408 N

End Lon: 126 ° 48.940 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-015

Station:

LG06

Event #:

17

Ship:

Franklin

UTC Date (dd|mmm|yyyy): 04 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples										Comments
			Target Pressure	Confirmed Pressure	OXY	Sal	Nut-F	Nut-C	CHL	HPLC	NH4	Lugol's	Glut	Form	DA				
1	1	48	Bot-10	✓ 950	x		x	x											
2	2	49	750	- 751	x	x	xx	xx											
3	3	50	500	✓	xx		x	x											
4	4	51	400	✓	x		x	x											
5	5	52	300	✓	x		x												
6	6	53	250	✓	x		x												
7	7	54	200	✓	x		x												
8	8	55	175	✓	x		x												
9	9	56	150	✓	x		xx												
10	10	57	125	✓	x		x												
11	11	58	100	✓	x		x												
12	12	59	75	✓	x		x												
13	13	60	50	✓	x		x		x										
14	14	61	30	✓	xx		x		xx										
15	15	62	20	✓	x		x		x										
16	16	63	10	✓	x		x		x										
17	17	64	5	✓	x	x	x		x	xx		x	x	x	x			Fluor: 0.27	
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: ~970 m
Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0925	0225
Bottom	0941	
End	1017	

Positional Information

Lat:	49 °	03.466	N
Lon:	127 °	01.126	W

▼

Lat:	49 °	03.557	N
Lon:	127 °	01.000	W

▼

Lat:	49 °	03.718	N
Lon:	127 °	00.730	W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-015

Station:

LC06

Event #:

22 23

Ship:

Franklin

UTC Date (dd|mmm|yyyy): 05 | May | 22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC									
1	1	65	Bot-10	✓ 84	x	x		x									
2	2	66	75	✓	x	x		x									
3	3	67	50	✓	xx	x	x	x									
4	4	68	30	✓	x	x	xx										
5	5	69	20	✓	x	x	x										
6	6	70	10	✓	x	xx	x										
7	7	71	5	✓	x	x	x	xx									Fluoro: 0.70
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): GRC

Bottom Depth: 88 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0555	2253 = May 4
Bottom	0557	
End	0608	

Positional Information

Start

Lat: 48 ° 36.491 N

Lon: 125 ° 53.972 W

Bottom

Lat: 48 ° 36.493 N

Lon: 125 ° 53.980 W

End

Lat: 48 ° 36.492 N

Lon: 125 ° 53.952 W

Extra comments:

Cruise ID: 2022-015

Station: LC08

Event #: 26

Ship: Franklin

UTC Date (dd|mmm|yyyy): 05 | May | 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments		
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal	Nut-F	CHL	HPLC	DIC					Save sheet after printing labels: YES		
1	1	72	Bot-10	✓ 193	x		x		x	x							
2	2	73	175	✓	x		x		x								
3	3	74	150	✓	x		x		x	x							
4	4	75	125	✓	x		x										
5	5	76	100	✓	x		x			x x							
6	6	77	75	✓	x		xx										
7	7	78	50	✓	xx		x	x		x							
8	8	79	30	✓	x		x	x		x x							
9	9	80	20	✓	x		x	x		x							
10	10	81	10	✓	x		x	xx		x							
11	11	82	5	✓	X	(x)	x	x	xx	(X)							
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): GC

Bottom Depth: 197 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0806	0106
Bottom	0810	
End	0827	

Positional Information

Lat: 48 ° 29.255 N

Lon: 126 ° 07.147 W

Lat: 48 ° 29.220 N

Lon: 126 ° 07.147 W

Lat: 48 ° 29.113 N

Lon: 126 ° 07.050 W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-015 Station: LC09 Event #: 30 Ship: Franklin UTC Date (dd|mmm|yyyy): 05 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed Pressure		Nut-F	Sal	CHL	HPLC		Lugol's	DA		Save sheet after printing labels: YES			
1	1	83	5	✓		x	x	x	xx		x	x					
2																	
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): GC

Bottom Depth: 610 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1059	0359
Bottom	1109	
End	1120	

Positional Information

Lat: 48 ° 25.868 N

Lon: 126 ° 13.714 W

Lat: 48 ° 25.835 N

Lon: 126 ° 13.789 W

Lat: 48 ° 25.760 N

Lon: 126 ° 13.849 W

Extra comments:

Cruise ID: 2022-022

Station: LD02

Event #: 33 34

Ship: Franklin

UTC Date (dd|mmm|yyyy): 06 | May | 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC		Lugol's	DA						
1	1	84	Bot-10	✓	33	x	x	x									
2	2	85	30	✓		x	x	xx									
3	3	86	20	✓		xx	x	x									
4	4	87	10	✓		x	xx	x									
5	5	88	5	✓		x	x	x	xx	x	x						
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): Gc

Bottom Depth: 39 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0648	1148 May 5
Bottom	0649	
End	0658	

Positional Information

Start

Lat: 48 ° 58.300 N

Lon: 125 ° 47.118 W

Bottom

Lat: 48 ° 58.296 N

Lon: 125 ° 47.128 W

End

Lat: 48 ° 58.247 N

Lon: 125 ° 47.080 W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID:

2022-015

Station:

LD04

Event #:

37

Ship:

Franklin

UTC Date (dd|mmm|yyyy): 06 | May | 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC									
1	1	89	Bot-10	✓ 53.	xx	x	x										
2	2	90	30	✓ 30	x	xx	x										
3	3	91	20	✓	x	x	x										
4	4	92	10	✓	x	x	xx										
5	5	93	5	✓	x	x	x	xx									
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
RO TRM X-Niskin other?

Watchkeeper(s): GC

Bottom Depth: 57 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0830	0130
Bottom	0831	
End	0839	

Positional Information

Lat: 48 ° 53.068 N

Lon: 125 ° 57.012 W

Bottom

Lat: 48 ° 53.062 N

Lon: 125 ° 57.000 W

End

Lat: 48 ° 53.032 N

Lon: 125 ° 57.010 W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-022 Station: LD06 Event #: 39 Ship: Franklin UTC Date (dd|mmm|yyyy): 06 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal	Nut-F	CHL	HPLC									
1	1	94	Bot-10	✓ 130.	x		x											
2	2	95	100	✓	x		xx											
3	3	96	75	✓	x		x											
4	4	97	50	✓	x		x	x										
5	5	98	30	✓	x		x	x										
6	6	99	20	✓	x		x	xx										
7	7	100	10	✓	x		x	x										
8	8	101	5	✓	xx	x	x	x	xx									
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): GC

Bottom Depth: 134 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1013	0313
Bottom	1016	
End	1029	

Positional Information

Start

Lat: 48 ° 46.253 N

Lon: 126 ° 10.272 W

Bottom

Lat: 48 ° 46.254 N

Lon: 126 ° 10.255 W

End

Lat: 48 ° 46.247 N

Lon: 126 ° 10.202 W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2022-015 Station: LD08 Event #: 5051 Ship: JP Tully UTC Date (dd|mmm|yyyy): 07 May 2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken						Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed	Pressure	OXY	Sal	Nut-F	Nut-C	CHL	HPLC	NH4	Lugol's	DA							
			✓	Pressure	Save sheet after printing labels: YES																
1	1	102	Bot-10		760	x		x	x												
2	2	103	750	✓		x	x	xx	xx												
3	3	104	500	✓		xx	x	x	x												
4	4	105	400	✓		x		x	x												
5	5	106	300	✓		x		x													
6	6	107	250	✓		x		x													
7	7	108	200	✓		x		x													
8	8	109	175	✓		x		x													
9	9	110	150	✓		x		x													
10	10	111	125	✓		x		x													
11	11	112	100	✓		x		x													
12	12	113	75	✓		x		xx													
13	13	114	50	✓		x		x		x											
14	14	115	30	✓		xx		x		xx											
15	15	116	20	✓		x		x		x		xx									
16	16	117	10	✓		x		x		x		xx									
17	17	118	5	✓		x		x		x	xx	xx	x	x							
18																					
19																					
20																					
21																					
22																					
23																					
24																					

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

Bottom Depth: 769 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	0330	1930
Bottom	0343	
End	0415	

Positional Information
Start
Lat: 48 ° 39.197 N
Lon: 126 ° 23.338 W

Bottom
Lat: 48 ° 39.236 N
Lon: 126 ° 23.273 W

End
Lat: 48 ° 39.151 N
Lon: 126 ° 23.410 W

Extra comments:
Why not sampled...

Cruise ID: 2022-022

Station: LC10

Event #: 57

Ship: Franklin

UTC Date (dd|mmm|yyyy): 08 | May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal	Nut-F	Nut-C	CHL	HPLC							
1	1	119	Bot-10	✓ 1245	x		x	x									
2	2	120	1000	✓	x	xx	x	x									
3	3	121	750	✓	xx	x	x	x									
4	4	122	500	✓	x	x	x	x									
5	5	123	400	✓	x		x	x									
6	6	124	300	✓	x		x										
7	7	125	250	✓	x		x										
8	8	126	200	✓	x		x										
9	9	127	175	✓	xx		x										
10	10	128	150	✓	x		x										
11	11	129	125	✓	x		xx										
12	12	130	100	✓	x		x										
13	13	131	75	✓	x		x										
14	14	132	50	✓	x		x		xx								
15	15	133	30	✓	x		x		x								
16	16	134	20	✓	x		x		x								
17	17	135	10	✓	xx		x		x								
18	18	136	5	✓	x	x	x		x	xx							Fluor: 0.15
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): GC

Bottom Depth: 1248 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	0939	0239
Bottom	0959	
End	1038	

Positional Information

Lat: 48 ° 22.274 N

Lon: 126 ° 20.188 W

Lat: 48 ° 22.160 N

Lon: 126 ° 20.083 W

Lat: 48 ° 21.996 N

Lon: 126 ° 29.975 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments
			Target Pressure	Confirmed Pressure	OXY	Sal	Nut-F	CHL	HPLC	DIC							
1	1	137	Bot-10	✓ 2.5	x		x	x		x							
2	2	138	20	✓	x		x	xx		xx							
3	3	139	10	✓	x		x	x		x							
4	4	140	5	✓	x	x	xx			xx							
5	5	141	5	✓				xx	xx								Fluoro: 0.50
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): GC

Bottom Depth: 31 m

Transmisso Cleaned: Y / N

	Time	UTC	Local
Start		0422	2122
Bottom		0423	
End		0429	

Positional Information

Start

Lat: 48 ° 40.388 N

Lon: 124 ° 59.419 W

Bottom

Lat: 48 ° 40.584 N

Lon: 124 ° 59.590 W

End

Lat: 48 ° 40.364 N

Lon: 124 ° 59.310 W

Extra comments:

Cruise ID: 2022-015

Station: LB02

Event #: 60

Ship: Franklin

UTC Date (dd|mmm|yyyy): 07 | May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments			
			Target Pressure	Confirmed ✓	Pressure	OXY	Nut-F	CHL	HPLC		Form	Glut	Lugol's	DA				
1	1	142	Bot-10		46	x	x	x										
2	2	143	30	✓		x	x	xx										
3	3	144	20	✓		xx	x	x										
4	4	145	10	✓		x	x	x										
5	5	146	5	✓		x	xx	x	xx		x	x	x	x				Fluoro = 0.39
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): GC

Bottom Depth: 51 m

Transmisso Cleaned: (X) / N

Time	UTC	Local
Start	0504	2004
Bottom	0506	
End	0513	

Positional Information

Start

Lat: 48 ° 38.976 N

Lon: 125 ° 02.362 W

Bottom

Lat: 48 ° 38.974 N

Lon: 125 ° 02.347 W

End

Lat: 48 ° 38.965 N

Lon: 125 ° 02.255 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-022

Station:

LB03

Event #:

61

Ship:

Franklin

UTC Date (dd|mmm|yyyy): 09 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples										Comments
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC											
1		147	5	✓ 5.6	x	xx	xx											Fluoro = 0.4
2																		
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): GC

Bottom Depth: 79 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0547	2247
Bottom	0549	
End	0552	

Positional Information

Start

Lat: 48 ° 37.295 N

Lon: 125 ° 05.512 W

Bottom

Lat: 48 ° 37.294 N

Lon: 125 ° 05.484 W

End

Lat: 48 ° 37.295 N

Lon: 125 ° 05.474 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC	NH4									
1	1	148	Bot-10	✓ 103	x	x												
2	2	149	75	✓	xx	x												
3	3	150	50	✓	x	xx	x											
4	4	151	30	✓	x	x	x											
5	5	152	20	✓	x	x	x											
6	6	153	10	✓	x	x	xx											
7	7	154	5	✓	x	x	x	xx										Floor = 0.4
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): GC

Bottom Depth: _____ m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0624	2324
Bottom	0626	
End	0638	

Positional Information

Start

Lat: 48 ° 35.682 N

Lon: 125 ° 08.569 W

Bottom

Lat: 48 ° 35.675 N

Lon: 125 ° 08.561 W

End

Lat: 48 ° 35.677 N

Lon: 125 ° 08.566 W

Extra comments:

Cruise ID: 2022-015

Station: LB06

Event #: 69

Ship: Franklin

UTC Date (dd|mmm|yyyy): 09 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC									
1	1	155	Bot-10	✓ 107	x	x											
2	2	156	100	✓	xx	x											
3	3	157	75	✓	x	xx											
4	4	158	50	✓	x	x	x										
5	5	159	30	✓	x	x	xx										
6	6	160	20	✓	x	x	x										
7	7	161	10	✓	x	x	x										
8	8	162	5	✓	x	x	x	xx									
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): GC

Bottom Depth: 111 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1037	0337
Bottom	1039	
End	1052	

Positional Information

Start

Lat: 48 ° 32.167 N

Lon: 125 ° 15.541 W

Bottom

Lat: 48 ° 32.160 N

Lon: 125 ° 15.569 W

End

Lat: 48 ° 32.144 N

Lon: 125 ° 15.688 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC									
1	1	163	5	✓	x	xx	xx									
2																
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): GC

Bottom Depth: 100 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	1130	0430
Bottom	1133	
End	1137	

Positional Information

Start

Lat: 48 ° 34.106 N
Lon: 125 ° 12.048 W

Bottom

Lat: 48 ° 34.114 N
Lon: 125 ° 12.076 W

End

Lat: 48 ° 34.132 N
Lon: 125 ° 12.086 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal	Nut-F	Nut-C	CHL	HPLC	NH4						
1	1	164	Bot-10	✓ 1183	x		x	x									
2	2	165	1000	✓	xx	xx	x	x									
3	3	166	750	✓	x	x	x	x									
4	4	167	500	✓	x	x	xx	xx									
5	5	168	400	✓	x		x	x									
6	6	169	300	✓	x		x										
7	7	170	250	✓	x		x										
8	8	171	200	✓	x		x										
9	9	172	175	✓	x		x										
10	10	173	150	✓	x		x										
11	11	174	125	✓	xx		x										
12	12	175	100	✓	x		x										
13	13	176	75	✓	x		x										
14	14	177	50	✓	x		x		x								
15	15	178	30	✓	x		xx		x								
16	16	179	20	✓	x		x		x								
17	17	180	10	✓	x		x		xx								
18	18	181	5	✓	x		x		x	xx							
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): GC

Bottom Depth: 1177 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0650	2550 May 9
Bottom	0708	
End	0747	

Positional Information

Start

Lat: 48 ° 08.422 N

Lon: 126 ° 00.058 W

Bottom

Lat: 48 ° 08.442 N

Lon: 126 ° 00.053 W

End

Lat: 48 ° 08.542 N

Lon: 125 ° 59.963 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-015

Station:

LB13

Event #:

79

Ship:

Franklin

UTC Date (dd|mmm|yyyy):

10 May 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples								Comments		
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC											
			✓															
1		182	5	✓	x	xx	xx											Fluoro: 0.800
2																		
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): RC

Bottom Depth: 712 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0918	0218
Bottom	0932	
End	0948	

Positional Information

Lat: 48 ° 10.588 N

Lon: 125 ° 56.009 W

Lat: 48 ° 10.517 N

Lon: 125 ° 55.882 W

Lat: 48 ° 10.452 N

Lon: 125 ° 55.826 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2021-012

Station: LB12

Event #: 80

Ship: JP Tully

UTC Date (dd|mmm|yyyy): 10 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples										Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Nut-C	CHL	HPLC	NH4	Lugol's	Glut	Form	DA				
1	1	183	Bot-10	✓ 504	x	x	x											
2	2	184	400	✓	x	xx	xx											
3	3	185	300	✓	xx	x												
4	4	186	250	✓	x	x												
5	5	187	200	✓	x	x												
6	6	188	175	✓	x	x												
7	7	189	150	✓	x	x												
8	8	190	125	✓	x	x												
9	9	191	100	✓	x	x												
10	10	192	75	✓	x	x												
11	11	193	50	✓	x	xx		x										
12	12	194	30	✓	x	x		xx										
13	13	195	20	✓	x	x		x										
14	14	196	10	✓	xx	x		x										
15	15	197	5	✓	x	x		x	xx		x	x	x	x				
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 509 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1021	0321
Bottom	1029	
End	1055	

Positional Information
Start
Lat: 48 ° 12.814 N
Lon: 125 ° 51.874 W

Bottom
Lat: 48 ° 12.793 N
Lon: 125 ° 51.810 W

End
Lat: 48 ° 12.749 N
Lon: 125 ° 51.532 W

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID:

2022-015

Station:

LB11

Event #:

82

Ship:

Franklin

UTC Date (dd|mmm|yyyy): 10 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC									
1	1	198	Bot-10	✓ 196	x	x											
2	2	199	175	✓	x	xx											
3	3	200	150	✓ 152	x	x											
4	4	201	125	✓ 123	x	x											
5	5	202	100	✓	x	x											
6	6	203	75	✓	x	x											
7	7	204	50	✓	xx	x	x										
8	8	205	30	✓	x	x	x										
9	9	206	20	✓	x	x	xx										
10	10	207	10	✓	x	x	x										
11	11	208	5	✓	x	x	x	xx									
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 200 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	11 49	04 49
Bottom	11 54	
End	12 12	

Positional Information

Lat:	48 ° 15.262	N
Lon:	125 ° 47.650	W

▼

Lat:	48 ° 15.254	N
Lon:	125 ° 47.590	W

▼

Lat:	48 ° 15.239	N
Lon:	125 ° 47.434	W

Extra comments:

Cruise ID: 2022-015

Station: LB10

Event #: 85

Ship: Franklin

UTC Date (dd|mmm|yyyy): 11 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples								Comments		
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC											
1	1	209	5	✓ 5	x	x	xx											Fluor: 0.60
2																		
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): GC

Bottom Depth: 149 m

Transmisso Cleaned: ☒ N

Time	UTC	Local
Start	0428	2148
Bottom	0430	
End	0435	

Positional Information

Start

Lat: 48 ° 18.580 N

Lon: 125 ° 41.290 W

Bottom

Lat: 48 ° 18.586 N

Lon: 125 ° 41.260 W

End

Lat: 48 ° 18.578 N

Lon: 125 ° 41.251 W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-015 Station: LB09 Event #: 86 Ship: Franklin UTC Date (dd|mmm|yyyy): 11 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	CHL	HPLC									
1	1	210	Bot-10	✓ 141	x	x		x									
2	2	211	125	✓ 124	x	xx		x									
3	3	212	100	✓	x	x		x									
4	4	213	75	✓	x	x											
5	5	214	50	✓	x	x	x										
6	6	215	30	✓	x	x	xx										
7	7	216	20	✓	xx	x	x										
8		217	10	✓	x	x	x										
9		218	5	✓	x	x	x	xx									
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 197 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0527	2227
Bottom	0530	
End	0548	

Positional Information

Start	Lat: 48 ° 21.898	N
	Lon: 125 ° 34.805	W

Bottom

Lat: 48 ° 21.898	N
Lon: 125 ° 34.790	W

End

Lat: 48 ° 21.916	N
Lon: 125 ° 34.708	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core_Samples						Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal	Nut-F	CHL	HPLC	DIC							
1	1	219	Bot-5	✓ 132	x		x			x							
2	2	220	Bot-10	✓ 127	x		x			xx							
3	3	221	125	✓	xx		x										
4	4	222	100	✓	x		xx			x							
5	5	223	75	✓	x		x										
6	6	224	50	✓	x		x	x		x							
7	7	225	30	✓	x		x	x		xx							
8	8	226	20	✓	x		x	x		x							
9	9	227	10	✓	x		x	xx		x							
10	10	228	5	✓	x	x	x	x	xx	x							
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Watchkeeper(s): GC

Bottom Depth: 132 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0703	0003
Bottom	0706	
End	0722	

Positional Information

Start

Lat: 48 ° 25.333 N

Lon: 125 ° 28.489 W

Bottom

Lat: 48 ° 25.331 N

Lon: 125 ° 28.510 W

End

Lat: 48 ° 25.314 N

Lon: 125 ° 28.366 W

Extra comments:

Cruise ID: 2022-015

Station: LB07

Event #: 91

Ship: JP Tully

UTC Date (dd|mmm|yyyy): 11 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC									Save sheet after printing labels: YES	
1	1	229	5	✓ 5.0	x	x	xx										
2																	
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): GC

Bottom Depth: 152 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0839	0139
Bottom	0842	
End	0846	

Positional Information

Start

Lat: 48 ° 28.582 N

Lon: 125 ° 22.012 W

Bottom

Lat: 48 ° 28.538 N

Lon: 125 ° 22.002 W

End

Lat: 48 ° 28.522 N

Lon: 125 ° 21.929 W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2022-015

Station: JF2

Event #: 94

Ship: Franklin

UTC Date (dd|mmm|yyyy): 12 May 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core_Samples						Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	CHL	HPLC	DA	Lugol's	DIC						
1	1	230	Bot-5	✓	179	x	xx				x						
2	2	231	150	✓		x	x				x						
3	3	232	100	✓		x	x				xx						
4	4	233	80	✓		xx	x				x						
5	5	234	60	✓		x	x				x						
6	6	235	50	✓		x	xx	x			x						
7	7	236	30	✓		x	x	xx			x						
8	8	237 236	20	✓		x	x	xx			x						Didn't Fire
9	9	238 237	10	✓		x	x	x			x						
10	10	239 238	5	✓		xx	x	x	xx	x	x	x					
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 183 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0529	2229
Bottom	0534	
End	0550	

Positional Information

Start	Lat: 48 ° 18.08	N
	Lon: 123 ° 59.935	W
Bottom	Lat: 48 ° 17.975	N
	Lon: 123 ° 59.848	W
End	Lat: 48 ° 17.821	N
	Lon: 123 ° 59.542	W

Extra comments: