

Cruise ID: 2022-067

Station: IOS

Event #: 2

Ship: Franklin

UTC Date (dd|mmm|yyyy):

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples					Comments
			Target Pressure	Confirmed ☐ Pressure	Sal										
1		1	250		x										
2															
3															
4															
5															
6															
7															
8															
9															
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23															
24															

Profile type: ROS

Watchkeeper(s):

Bottom Depth: 188 m

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

Par Status: On / Off

Time	UTC	Local
Start		
Bottom		
End		

Positional Information

Start

Lat:	°	N
Lon:	°	W

Bottom

Lat:	°	N
Lon:	°	W

End

Lat:	°	N
Lon:	°	W

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067 Station: CI02 Event #: 4 Ship: Franklin UTC Date (dd|mmm|yyyy): 17|07|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Custom_Samples						Comments
			Target Pressure	Confirmed ☒ Pressure	Sal												
1		2	180	☒	180	x											
2																	
3																	
4																	
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6																	
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22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): Hauke Blanken

Bottom Depth: 709

Trans Clean: ☒ / N Fl. Clean: Y / ☒ N

Par Status: On / ☒ Off

Time	UTC	Local
Start	21:16:00	14:46
Bottom	21:50:00	14:50
End	21:55:00	14:55

Positional Information

Start	Lat: 51 ° 27.970	N
	Lon: 128 ° 29.992	W
Bottom	Lat: 51 ° 27.966	N
	Lon: 128 ° 29.960	W
End	Lat: 51 ° 29.968	N
	Lon: 128 ° 29.899	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples					Comments
			Target Pressure	Confirmed Pressure	Sal										
1	1	3	600	✓ 600.6	x										
2															
3															
4															
5															
6															
7															
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23															
24															

Profile type: ROS

Watchkeeper(s): RF

Bottom Depth: 690

Trans Clean: Y N FI. Clean: N

Par Status: Off

Time	UTC	Local
Start	1529	0829
Bottom	1541	0841
End	1555	0855

Positional Information

Start

Lat: 53 4.796

Lon: 129 19.652

Bottom

Lat: 53 4.808

Lon: 129 19.660

End

Lat: 53 4.829

Lon: 129 19.579

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples					Comments	
			Target Pressure	Confirmed ✓ Pressure	Sal										Save sheet after printing labels: YES	
1	1	4	400	✓ 4001	x											
2																
3																
4																
5																
6																
7																
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Profile type: ROS

Watchkeeper(s):

Bottom Depth: 542

Trans Clean: Y FI. Clean: N

Par Status: Off

Time	UTC	Local
Start	2217	1517
Bottom	2227	1507
End		

Positional Information

Start

Lat: 53 8.267

Lon: 129 7.261

Bottom

Lat: 53 8.263

Lon: 129 7.336

End

Lat:

Lon:

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples					Comments			
			Target Pressure	Confirmed	Sal	OXY												
			✓	Pressure														
1	1	5	400	✓	399.8	x												
2	2	6	400	✓	399.8		x											
3																		
4																		
5																		
6																		
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Profile type: ROS

Watchkeeper(s): SH

Bottom Depth: 470

Trans Clean: Y/N FI. Clean: N

Par Status: Off

Time	UTC	Local
Start	01:34	18:34
Bottom	01:42	18:42
End	01:52	18:52

Positional Information

Start

Lat: 53° 22.262
Lon: 129° 11.686

Bottom

Lat: 53° 22.261
Lon: 5 129° 11.666

End

Lat: 53° 22.276
Lon: 129° 11.644

Extra comments:

Cruise ID: 2022-067

Station: DOUG-26

Event #: 20

Ship: Franklin

UTC Date (dd|mmm|yyyy): 19|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples										Comments
			Target Pressure	Confirmed ✓ Pressure		Sal	OXY													
1	1	7	340	✓	340.3	x														
2	2	8	340	✓	340.3		x													
3																				
4																				
5																				
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Profile type: ROS

Watchkeeper(s): S. Huntington

Bottom Depth:

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

Par Status: Off

Time	UTC	Local
Start	14:03	0703
Bottom	14:10	0710
End	14:18	0718

Positional Information

Lat: 53° 40.457

Lon: 129° 7.326

Lat: 53° 40.462

Lon: 129° 7.318

Lat: 53 40.484

Lon: 129 7.284

Extra comments:

Cruise ID: 2022-067

Station: DOUG-06

Event #: 26

Ship: Franklin

UTC Date (dd|mmm|yyyy): 19|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples							Comments	
			Target Pressure	Confirmed	Pressure	Sal	OXY											Save sheet after printing labels:	
			✓																YES
1		9	240	✓	240.5	x													
2		10	240	✓	240.5		x												
3																			
4																			
5																			
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24																			

Profile type: ROS

Watchkeeper(s): 54

Bottom Depth: 261

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

Par Status: Off

Time	UTC	Local
Start	18:59	11:59
Bottom	19:04	12:04
End	19:10	12:10

Positional Information

Start

Lat: 53° 54.078

Lon: 128° 44.076

Bottom

Lat: 53° 54.079

Lon: 128° 44.090

End

Lat: 53° 54.113

Lon: 128° 44.100

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067 Station: DeC19 Event #: 31 32 Ship: Franklin UTC Date (dd|mmm|yyyy): 19 JUL 2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples							Comments	
			Target	Confirmed														Save sheet after printing labels: YES	
			Pressure	✓	Pressure	Sal	OXY												
1	1	11	240	✓	240.5	x													
2	2	12	240	✓	240.5		x												
3																			
4																			
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24																			

Profile type: ROS

Watchkeeper(s): S. Huntington

Bottom Depth: 271

Trans Clean: (Y) N FI. Clean: N

Par Status: Off

Time	UTC	Local
Start	15:31	08:31
Bottom	15:36	08:36
End	15:42	08:42

Positional Information

Start

Lat: 53° 39.318

Lon: 128° 52.282

Bottom

Lat: 53° 39.313

Lon: 128° 52.291

End

Lat: 53° 39.310

Lon: 128° 52.297

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments
			Target Pressure	Confirmed ✓ Pressure		Sal	OXY										
1	1	13	150	✓	150.7	x											
2	2	14	150	✓	150.7		x										
3																	
4																	
5																	
6																	
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Profile type: ROS

Watchkeeper(s): S Huntington

Bottom Depth: 210

Trans Clean: ☒ N Fl. Clean: N

Par Status: Off

Time	UTC	Local
Start	17:51	10:51
Bottom	17:55	10:55
End	18:00	11:00

Positional Information

Start

Lat: 53° 31.518

Lon: 128° 43.534

Bottom

Lat: 53° 31.536

Lon: 128° 43.512

End

Lat: 53° 31.543

Lon: 128° 43.464

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	Sal	OXY											
1		15	450	✓ 451.1	x												
2		16	450	✓ 451.1		x											
3																	
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Profile type: ROS

Watchkeeper(s): RF

Bottom Depth: 488

Trans Clean: Y/N FI. Clean: N

Par Status: Off

Time	UTC	Local
Start	21:36	14:36
Bottom	21:45	14:45
End	21:55	14:55

Positional Information

Start

Lat: 53 28.331

Lon: 128 18.882

Bottom

Lat: 53 28.295

Lon: 128 18.950

End

Lat: 53 28.240

Lon: 128 18.950

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments
			Target Pressure	Confirmed ✓ Pressure		Sal	OXY										
1	1	17	200	1	200.7	x											
2	2	18	200	2	200.6		x										
3																	
4																	
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22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): RF

Bottom Depth:

Trans Clean: Y / N Fl. Clean: N

Par Status: Off

Time	UTC	Local
Start	0043	1743
Bottom	0047	1747
End	0054	1754

Positional Information

Start

Lat: 53 20. 622

Lon: 127 59. 554

Bottom

Lat: 53 20. 614

Lon: 127 59. 542

End

Lat: 53 20. 604

Lon: 127 59. 530

Extra comments:

Cruise ID: 2022-067

Station: VP46D

Event #: 46

Ship: Franklin

UTC Date (dd|mmm|yyyy): 21|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments
			Target Pressure	Confirmed ✓ Pressure		Sal	OXY										
1	1	19	200	✓ 200.2	x												
2	2	20	200	✓ 200.2			x										
3																	
4																	
5																	
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18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): RF

Bottom Depth:

Trans Clean: ☒ Y N Fl. Clean: N

Par Status: ☒ Off

Time	UTC	Local
Start	15 26	08 26
Bottom	15 31	08 31
End	15 37	08 37

Positional Information

Start

Lat: 53 33.691

Lon: 128 58.691

Bottom

Lat: 53 33.712

Lon: 128 58.717

End

Lat: 53 33.730

Lon: 128 58.741

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

2022-067

Station: UC45

Event #: 53

Ship: Franklin

UTC Date (dd|mmm|yyyy): 21|JUL|2022

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

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	SH	SH	Sal	OXY										
1	1	21	350	✓	350.7	x												
2	2	22	350	✓	350.7		xx											
3																		
4																		
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22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): Hauke Blanken

Bottom Depth: 399

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

Par Status: Off

Time	UTC	Local
Start	18:56	11:56
Bottom	18:02	12:02
End	19:09	12:09

Positional Information

Start	Lat: 53° 26.029
	Lon: 128° 55.505
Bottom	Lat: 53° 26.030
	Lon: 128° 55.522
End	Lat: 53° 26.078
	Lon: 128° 55.554

Extra comments:

Cruise ID: 2022-067

Station: MKY1

Event #: 5758

Ship: Franklin

UTC Date (dd|mmm|yyyy): 22|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom Samples								Comments	
			Target	Confirmed		RI	RF											Save sheet after printing labels: YES	
			Pressure	✓	Pressure	Sal	OXY												
1	1	23	450	✓	450.8	x													
2	2	24	450	✓	450.8		xx												
3																			
4																			
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21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): RF

Bottom Depth:

Trans Clean: Y N Fl. Clean: N

Par Status: Off

Time	UTC	Local
Start	23 33	16 33
Bottom	23 42	16 42
End	23 53	16 53

Positional Information

StartLat: 53 17.825

StartLon: 129 6.881

BottomLat: 53 17.828

BottomLon: 129 6.934

EndLat: 53 17.815

EndLon: 129 6.950

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom Samples								Comments	
			Target Pressure	Confirmed	Pressure	Sal	OXY												
			✓																
1	1	25	450	✓	450.0	x													
2	2	26	450	✓	450.0		xx												
3																			
4																			
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24																			

Profile type: ROS

Watchkeeper(s): SH

Bottom Depth: 526

Trans Clean: ☒ Y / ☐ N Fl. Clean: N

Par Status: Off

Time	UTC	Local
Start	14:21	07:21
Bottom	14:30	07:30
End	14:40	07:40

Positional Information

Start

Lat: 53° 20.686

Lon: 129° 17.825

Bottom

Lat: 53° 20.664

Lon: 129° 17.825

End

Lat: 53° 20.634

Lon: 129° 17.862

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: SC64

Event #: 69 68 415

Ship: Franklin

UTC Date (dd|mmm|yyyy): 22|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	Sal	OXY												Save sheet after printing labels: YES
1	1	27	450	✓	450.4	x												
2	2	28	450	✓	450.4		x											
3																		
4																		
5																		
6																		
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18																		
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21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): RF

Bottom Depth: 472

Trans Clean: Y/N FI. Clean: N

Par Status: Off

Time UTC Local

Start 19 42 12 42

Bottom 19 50 12 50

End 20 00 13 00

Positional Information

Start

Lat: 53 8.788

Lon: 129 23.480

Bottom

Lat: 53 8.801

Lon: 129 23.484

End

Lat: 53 8.814

Lon: 129 23.482

Extra comments:

Version: 1

14-Apr-22

Cruise ID: 2022-067

Station: SC58

Event #: 75

Ship: Franklin

UTC Date (dd|mmm|yyyy): 23|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure		Sal	OXY											
1	1	29	450	✓	450	x												
2	2	30	450	✓	450		x											
3																		
4																		
5																		
6																		
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8																		
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22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): S. Huntington

Bottom Depth: 535

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

Par Status: Off

Time	UTC	Local
Start	00: 29	17: 29
Bottom	00: 38	17: 38
End	00: 48	17: 48

Positional Information

Lat: 53° 16.528'

Lon: 129° 25.552'

Lat: 53° 16.554'

Lon: 129° 25.518'

Lat: 53° 16.549'

Lon: 129° 25.586'

Extra comments:

Cruise ID: 2022-067

Station: FR63

Event #: 76

Ship: Franklin

UTC Date (dd|mmm|yyyy): 23|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom Samples								Comments	
			Target Pressure	Confirmed		Sal	OXY											Save sheet after printing labels: YES	
			✓	Pressure															
1	1	31	450	✓	450.6	x													
2	2	32	450	✓	450.6		x												
3																			
4																			
5																			
6																			
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23																			
24																			

Profile type: ROS

Watchkeeper(s): S.Hunkington

Bottom Depth: 493

Trans Clean: ☒ N Fl. Clean: N

Par Status: Off

Time	UTC	Local
Start	14:42	07:42
Bottom	14:50	07:50
End	15:00	08:00

Positional Information

Start

Lat: 53° 12.366

Lon: 128° 44.731

Bottom

Lat: 53° 12.370

Lon: 128° 44.730

End

Lat: 53° 12.365

Lon: 128° 44.711

Extra comments:

Cruise ID: 2022-067

Station: GR1

Event #: 80

Ship: Franklin

UTC Date (dd|mmm|yyyy): 23|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments	
			Target	Confirmed		HB	LB											Save sheet after printing labels: YES	
			Pressure	✓ Pressure		Sal	OXY												
1	1	33	350	✓	350.2	x													
2	2	34	350	✓	350.2		xx												
3																			
4																			
5																			
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24																			

Profile type: ROS

Watchkeeper(s): S. Huntington

Bottom Depth:

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

Par Status: Off

Time	UTC	Local
Start	18: 03	11: 03
Bottom	18: 09	11: 09
End	18: 18	11: 18

Positional Information

StartLat: 52° 55. 534

StartLon: 128° 30. 688

BottomLat: 52° 55. 530

BottomLon: 128° 30. 680

EndLat: 52° 55. 520

EndLon: 128° 30. 690

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure		Sal	OXY											
1	1	35	500	✓	500.6	x												
2	2	36	500	✓	500.6		x											
3																		
4																		
5																		
6																		
7																		
8																		
9																		
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Profile type: ROS

Watchkeeper(s): S. Huntington

Bottom Depth:

Trans Clean: ☒ Y ☐ N Fl. Clean: N

Par Status: Off

Time	UTC	Local
Start	21:37	14:37
Bottom	21:46	14:46
End	21:58	14:58

Positional Information

Start

Lat: 52° 37.670

Lon: 128° 28.829

Bottom

Lat: 52° 37.622

Lon: 128° 28.764

End

Lat: 52° 37.710

Lon: 128° 28.700

Extra comments:

Cruise ID: 2022-067

Station: FC03

Event #: 87

Ship: Franklin

UTC Date (dd|mmm|yyyy): 23|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments	
			Target Pressure	Confirmed	Sal	OXY												Save sheet after printing labels: YES
			Pressure	✓ Pressure														
1	1	37	300	✓ 300.4	x													
2	2	38	300	✓ 300.4		x												
3																		
4																		
5																		
6																		
7																		
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24																		

Profile type: ROS

Watchkeeper(s):

Bottom Depth: 515

Trans Clean: Y/N Fl. Clean: N

Par Status: Off

Time UTC Local

Start 23:31 16:31

Bottom 23:40 16:43

End 23:49 16:49

Positional Information

Start Lat: 52° 27.554' Lon: 128° 26.948'

Bottom Lat: 52° 27.551' Lon: 128° 26.809'

End Lat: 52° 27.536' Lon: 128° 26.866'

Extra comments:

Cruise ID: 2022-067

Station: MIL03

Event #: 90

Ship: Franklin

UTC Date (dd|mmm|yyyy): 24|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom Samples								Comments	
			Target Pressure	Confirmed	Pressure	Sal	OXY											Save sheet after printing labels:	
			✓	Pressure	YES														
1	1	39	220	✓	220.9	x													
2	2	40	220	✓	220.8		x												
3																			
4																			
5																			
6																			
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24																			

Profile type: ROS

Watchkeeper(s): RF

Bottom Depth: 248

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

Par Status: (Off)

Time	UTC	Local
Start	1549	0849
Bottom	1553	0853
End	1559	0859

Positional Information

Start

Lat: 52 16. 354

Lon: 128 37. 062

Bottom

Lat: 52 16. 334

Lon: 128 37. 050

End

Lat: 52 16. 331

Lon: 128 37. 032

Extra comments:

Cruise ID: 2022-067

Station: MS02

Event #: 95

Ship: Franklin

UTC Date (dd|mmm|yyyy): 24|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓	Pressure	Sal	OXY														Save sheet after printing labels: YES	
1		41	150	✓	150.7	x																
2		42	150	✓	150.7		xx															
3																						
4																						
5																						
6																						
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24																						

Profile type: ROS

Watchkeeper(s): S. Huntington

Bottom Depth: 182

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

Par Status: Off

Time	UTC	Local
Start	21:02	14:02
Bottom	21:05	14:05
End	21:10	14:10

Positional Information

StartLat: 52° 0.016

StartLon: 129° 14.112

BottomLat: 52° 0.014

BottomLon: 129° 14.110

EndLat: 52° 0.006

EndLon: 129° 14.101

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067 Station: CS09 Event #: 101 Ship: Franklin UTC Date (dd|mmm|yyyy): 25|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments	
			Target Pressure	Confirmed	Pressure	SH	SH											Save sheet after printing labels: YES	
			✓	✓		Sal	OXY												
1	1	43	120150	✓	150.3	x													
2	2	44	120150	✓	150.3		xx												
3																			
4																			
5																			
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Profile type: ROS

Watchkeeper(s): Haut-le OSCum Hou

Bottom Depth: 200m

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

Par Status: Off

Time	UTC	Local
Start	17: 40	10: 40
Bottom	17: 44	10: 44
End	17: 48	10: 48

Positional Information

Start

Lat: 51° 12. 403

Lon: 128° 27. 937

Bottom

Lat: 51° 12. 406

Lon: 128° 27. 907

End

Lat: 51° 12. 410

Lon: 128° 27. 892

Extra comments:

Cruise ID: 2022-067

Station: LBA-2

Event #: 106

G.G. 106

Ship: Franklin

UTC Date (dd|mmm|yyyy): 25|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments
			Target Pressure	Confirmed Pressure	Sal	OXY											
1	1	45	350	350.1	x												
2	2	46	350	350.1		x											
3																	
4																	
5																	
6																	
7																	
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24																	

Profile type: ROS

Watchkeeper(s): RF

Bottom Depth:

Trans Clean: Y/N Fl. Clean: N

Par Status: Off

Time	UTC	Local
Start	2304	1604
Bottom	2311	1611
End	2320	1620

Positional Information

Start

Lat: 50 53.938

Lon: 127 38.896

Bottom

Lat: 50 53.926

Lon: 127 38.398

End

Lat: 50 53.934

Lon: 127 38.374

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: QCS4

Event #: 111

Ship: Franklin

UTC Date (dd|mmm|yyyy): 27|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	KS Sal	KS OXY												Save sheet after printing labels: YES
1	1	47	350	✓	351.4	x												
2	2	48	350	✓	351.4		xx											
3																		
4																		
5																		
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23																		
24																		

Bottom Depth:

Trans Clean: N FI. Clean: N

Par Status: Off

Time

UTC

Local

Start

14:52:00

07:52:00

Bottom

14:58:00

07:58:00

End

15:07:00

08:07:00

Positional Information

Lat: 50°46.726' N

Lon: 127°24.385' W

Bottom

Lat: 50°46.788' N

Lon: 127°24.373' W

End

Lat: 50°46.883' N

Lon: 127°24.419' W

Extra comments:

Program
STN List: Custom_Stn_List

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

27|JUL|2022

Profile type:	ROS
Watchkeeper(s):	<i>Hauke Blauken</i>

Par Status: Off

Positional Information

Lat:	50° 52.910' N
Lon:	127° 37.012' W

Lat:	50° 57.866' N
Lon:	127° 36.904' W

Lat:	50° 52.810' N
Lon:	127° 36.840' W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments	
			Target Pressure	Confirmed		KS	KS											Save sheet after printing labels: YES	
				✓	Pressure	Sal	OXY												
1	1	51	350	✓	350.7	x													
2	2	52	350	✓	350.7		x												
3																			
4																			
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24																			

Profile type: ROS

Watchkeeper(s): Hauke Blumhen

Bottom Depth: 480m

Trans Clean: ☒ IN FI. Clean: N

Par Status: Off

Time	UTC	Local
Start	19:33	12:33
Bottom	19:41	12:41
End	19:50	12:50

Positional Information

Start

Lat: 50° 48.604' N
Lon: 127° 36.002' W

Bottom

Lat: 50° 48.592' N
Lon: 127° 35.963' W

End

Lat: 50° 48.598' N
Lon: 127° 35.903' W

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: QCS58

Event #: 129

Ship: Franklin

UTC Date (dd|mmm|yyyy): 28|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	KS Sal	KS OXY												Save sheet after printing labels: YES
1	1	53	100	✓	101.1	x												
2	2	54	100	✓	101.1		x											
3																		
4																		
5																		
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21																		
22																		
23																		
24																		

Bottom Depth: 157

Trans Clean: ☒ N FI. Clean: N

Par Status: Off

Time	UTC	Local
Start	15:21	8:21
Bottom	15:23	8:23
End	15:27	8:27

Positional Information

Start	Lat: 50° 49.474' N
	Lon: 127° 21.658' W
Bottom	Lat: 50° 49.501' N
	Lon: 127° 21.655' W
End	Lat: 50° 49.549' N
	Lon: 127° 21.649' W

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: QCS3

Event #: 133

Ship: Franklin

UTC Date (dd|mmm|yyyy): 28|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed √ Pressure	Sal	OXY												Save sheet after printing labels: YES
1		55	150			x												
2		56	150				x											
3																		
4																		
5																		
6																		
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23																		
24																		

Profile type: ROS

Watchkeeper(s):

Bottom Depth:

Trans Clean: Y / N Fl. Clean: N

Par Status: Off

Time

UTC

Local

Start

Bottom

End

Positional Information

Start

Lat:

Lon:

Bottom

Lat:

Lon:

End

Lat:

Lon:

Extra comments:

Version: 1

14-Apr-22

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom Samples								Comments	
			Target Pressure	Confirmed		GC	GC											Save sheet after printing labels: YES	
				✓	Pressure	Sal	OXY												
1	1	57	350	✓	350.3	x													
2	2	58	350	✓	350.3		xx												
3	3	59	250	✓	248.9		x												
4	4	60	150	✓	151.9		x												
5	5	61	100	✓	100.5		x												
6	6	62	50	✓	50.1		x												
7	7	63	20	✓	19.9		x												
8																			
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23																			
24																			

Profile type: ROS

Watchkeeper(s): Hantre

Bottom Depth: 454m

Trans Clean: (Y) N FI. Clean: N

Par Status: Off

Time	UTC	Local
Start	00:20	17:20
Bottom	00:27	17:27
End	00:40	17:40

Positional Information

Start

Lat: 50° 53.878'N

Lon: 127° 38.322'W

Bottom

Lat: 50° 53.870'N

Lon: 127° 38.308'W

End

Lat: 50° 53.797'N

Lon: 127° 38.285'W

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: QUA0a

Event #: 148

Ship: Franklin

UTC Date (dd|mmm|yyyy): 29|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	GC Sal	GC OXY												Save sheet after printing labels: YES
1	1	64	150	✓	150.4	x												
2	2	65	150	✓	150.4		x											
3																		
4																		
5																		
6																		
7																		
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23																		
24																		

Profile type: ROS

Watchkeeper(s): Hauke Blunken

Bottom Depth: 255

Trans Clean: Y / N FI. Clean: N

Par Status: Off

Time UTC Local

Start 14:20 09:20

Bottom 14:25 09:25

End 14:31 09:31

Positional Information

Start

Lat: 50° 18.344 N

Lon: 128° 14.674 W

Bottom

Lat: 50° 18.316 N

Lon: 128° 14.681 W

End

Lat: 50° 18.295 N

Lon: 128° 14.680 W

Extra comments:

Drifting into deeper water during cast

Version: 1

14-Apr-22

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: QUA1b

Event #: 152

Ship: Franklin

UTC Date (dd|mmm|yyyy): 29|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments Save sheet after printing labels: YES	
			Target Pressure	Confirmed ✓ Pressure	HB Sal	HB OXY												
1	1	66	180	✓	181.2	x												
2	2	67	180	✓	181.2		x											
3																		
4																		
5																		
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20																		
21																		
22																		
23																		
24																		

Bottom Depth:

Trans Clean: (Y) N FI. Clean: N

Par Status: Off

Time

UTC

Local

Start

17:04

10:04

Bottom

17:08

10:08

End

17:13

10:13

Positional Information

Lat: 50° 27.858

Lon: 127° 56.975

Start

Lat: 50° 27.859

Lon: 127° 56.968

Bottom

Lat: 50° 27.844

Lon: 127° 56.975

End

Lat: 50° 27.844

Lon: 127° 56.975

Extra comments:

Version: 1

14-Apr-22

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: QUA7

Event #: 160

Ship: Franklin

UTC Date (dd|mmm|yyyy): 29|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	Sal	OXY												Save sheet after printing labels: YES
1	1	68	100	✓	100.0	x												
2	2	69	100	✓	100.0		xx											
3																		
4																		
5																		
6																		
7																		
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23																		
24																		

Profile type: ROS

Watchkeeper(s): Hana Hourston

Bottom Depth: 140

Trans Clean: Y / N FL Clean: N

Par Status: Off

Time

UTC

Local

Start

20:08

13:08

Bottom

20:10

13:10

End

20:14

13:14

Positional Information

Start

Lat: 50° 30.360' N

Lon: 127° 41.489' W

Bottom

Lat: 50° 30.358' N

Lon: 127° 41.482' W

End

Lat: 50° 30.368' N

Lon: 127° 41.491' W

Extra comments:

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: HOL1

Event #: 167

Ship: Franklin

UTC Date (dd|mmm|yyyy): 29|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	Sal	OXY												Save sheet after printing labels: YES
1	1	70	100	✓	100.0	x												
2	2	71	100	✓	100.0		x											
3																		
4																		
5																		
6																		
7																		
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24																		

Start

Bottom

End

Profile type: ROS

Watchkeeper(s): Hauke Blanken

Bottom Depth: 130

Trans Clean: (Y) N FI. Clean: N

Par Status: Off

Time

UTC

Local

Start

23:33

16:33

Bottom

23:35

16:35

End

23:39

16:39

Positional Information

Lat: 50°33.889

Lon: 127°33.598

Lat: 50°33.888

Lon: 127°33.596

Lat: 50°33.880

Lon: 127°33.604

Extra comments:

Version: 1

14-Apr-22

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: HOL4

Event #: 172

Ship: Franklin

UTC Date (dd|mmm|yyyy): 29|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	Sal	OXY												Save sheet after printing labels: YES
1	1	72	30	✓	29.8	x												
2	2	73	30	✓	29.8		x											
3																		
4																		
5																		
6																		
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23																		
24																		

Profile type: ROS

Watchkeeper(s): Hand Hourston

Bottom Depth: 66

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

Par Status: (Off)

Time

UTC (Jul 30)Local

Start01:4718:47

Bottom01:4918:49

End01:5018:50

Positional Information

StartLat: 50° 36.973

StartLon: 127° 51.230

BottomLat: 50° 36.973

BottomLon: 127° 51.226

EndLat: 50° 36.970

EndLon: 127° 51.226

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples							Comments	
			Target Pressure	Confirmed	Pressure	Sal	OXY												Save sheet after printing labels:
			✓																
1	1	74	150	✓	150.2	x													
2	2	75	150	✓	150.2		x												
3																			
4																			
5																			
6																			
7																			
8																			
9																			
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24																			

Profile type: ROS

Watchkeeper(s): Colin Webber

Bottom Depth: 193

Trans Clean: ☒ Y / ☐ N FI. Clean: N

Par Status: ☒ Off

Time	UTC	Local
Start	18:26	11:26
Bottom	18:29	11:29
End	18:34	11:34

Positional Information

Start

Lat: 50°26.950

Lon: 127°31.560

Bottom

Lat: 50°26.957

Lon: 127°31.564

End

Lat: 50°26.952

Lon: 127°31.556

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure		Sal	OXY											
1	1	76	30	✓ 30.0	x													
2	2	77	30	✓ 30.0			x											
3																		
4																		
5																		
6																		
7																		
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20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): Hana Haursten

Bottom Depth:

Trans Clean: Y / N FI. Clean: N

Par Status: Off

Time UTC Local

Start 20:23 13:23

Bottom 20:24 13:24

End 20:27 13:24

Positional Information

StartLat: 50° 22.048Lon: 127° 26.599

BottomLat: 50° 22.050Lon: 127° 26.599

EndLat: 50° 22.048Lon: 127° 26.594

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples								Comments	
			Target Pressure	Confirmed	Sal	OXY												Save sheet after printing labels:	
			✓	Pressure															YES
1	1	78	50	✓	49.9	x													
2	2	79	50	✓	49.9		x												
3																			
4																			
5																			
6																			
7																			
8																			
9																			
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Profile type: ROS

Watchkeeper(s):

Bottom Depth:

Trans Clean: Y N Fl. Clean: N

Par Status: Off

Time UTC Local

Start 14:11 07:11

Bottom 14:13 07:13

End 14:16 07:16

Positional Information

StartLat: 49° 34.345Lon: 126° 37.264

BottomLat: 49° 34.338Lon: 126° 37.274

EndLat: 49° 34.325Lon: 126° 37.279

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure		Sal	OXY											
1	1	80	200	✓ 200.0	x													
2	2	81	200	✓ 200.0			x											
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
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22																		
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24																		

Profile type: ROS

Watchkeeper(s): Hauke

Bottom Depth: 263m

Trans Clean: (F)N Fl. Clean: N

Par Status: Off

Time	UTC	Local
Start	16:30	09:30
Bottom	16:34	09:34
End	16:39	09:39

Positional Information

StartLat: 49° 38.100

StartLon: 126° 28.643

BottomLat: 49° 39.103

BottomLon: 126° 28.658

EndLat: 49° 39.106

EndLon: 126° 28.674

Extra comments:

Both bottles (#1&2)

failed integrity check w/

minor chipping

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments	
			Target	Confirmed		H.B.	L.B.												Save sheet after printing labels:
			Pressure	✓	Pressure														
1	1	82	250			x													
2	3	83	250				xx												
3																			
4																			
5																			
6																			
7																			
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24																			

Profile type: ROS

Watchkeeper(s): Hand Hourston

Bottom Depth:

Trans Clean: ☒ Y ☐ N Fl. Clean: ☐ N

Par Status: ☒ Off

Time UTC Local

Start 20:11 13:11

Bottom 20:16 13:16

End 20:22 13:22

Positional Information

StartLat: 49°38.629Lon: 126°19.242

BottomLat: 49°38.639Lon: 126°19.225

EndLat: 49°38.653Lon: 126°19.216

Extra comments:

Fired Niskin #1-4, #2 failed integrity check (dripping from bottom cap) Took OXY sample from #3.

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments	
			Target Pressure	Confirmed	Pressure	Sal	OXY											Save sheet after printing labels:	
			✓																YES
1	3	84	300	✓	200.3	x												Drawn from #1	
2	4	85	300	✓	200.3		xx										300m	Drawn from #3	
3	5	86	250	✓	249.6		x										300m	Drawn from #4	
4	6	87	200	✓	199.8		x										250m	Drawn from #5	
5	7	88	150	✓	150.3		x										200m	Drawn from #6	
6	8	89	100	✓	99.6		x										150m	Drawn from #7	
7	10	90	50 80	✓	80.5		x										100m	Drawn from #8	
8	11	91	20	✓	19.5		x										80m	Drawn from #10	
9	12	92															20m	Drawn from #11	
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24																			

Profile type: ROS

Watchkeeper(s): Hauke

Bottom Depth: 330

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

Par Status: Off

Time	UTC	Local
Start	21:20	14:20
Bottom	21:25	14:25
End	21:	14:

Positional Information

Start

Lat: 49° 38.812

Lon: 126° 16.238

Bottom

Lat: 49° 38.802

Lon: 126° 16.246

End

Lat: 49° 38,

Lon: 126° 16,

Extra comments:

Firing Niskins #3-10 as Niskin #2 is compromised (two failed integrity checks, repair pending)

- mistakenly fired #9 without waiting; fired #10 after wait at same depth (80m)

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022-067

Station: NS03

Event #: 208

Ship: Franklin

UTC Date (dd|mmm|yyyy): 31|JUL|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Custom_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	Sal	OXY												Save sheet after printing labels: YES
1		93	120	✓	119.7	x												
2		94	120	✓	119.7		x											
3																		
4																		
5																		
6																		
7																		
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23																		
24																		

Version: 1

14-Apr-22

Profile type: ROS

Watchkeeper(s): Houke Blanken

Bottom Depth: 165m

Trans Clean: Y / N FI. Clean: N

Par Status: Off

Time

UTC

Local

Start

23:45

16:45

Bottom

23:47

16:47

End

23:52

16:52

Positional Information

Lat: 49° 38.777

Lon: 126° 36.082

Lat: 49° 38.777

Lon: 126° 36.080

Lat: 49° 38.793

Lon: 126° 36.086

Extra comments: