

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022_02 Station: 50-135 Event #: 008 Ship: Franklin UTC Date (dd|mmm|yyyy): 22 | FEB | 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom Samples							Comments
			Target Pressure	Confirmed ✓ Pressure	DO	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA			
1		1	300	✓ 300		x											
2		2	200	✓ 200		xx											
3		3	150	✓ 150									xx				
4		4	150	✓ 150		x	xx										
5		5	125	✓ 125		x											
6		6	100	✓ 100		x	xx										
7		7	100	✓ 100									xx				
8		8	100	✓ 100										xx			
9		9	75	✓ 75		x	xx										
10		10	50	✓ 50										xx			
11		11	50	✓ 50									xx				
12		12	50	✓ 50		x	xx	xx									
13		13	25	✓ 25										xx			
14		14	25	✓ 25		x	xx	xx									
15		15	25	✓ 25									xx				
16		16	5	✓ 5										xx			
17		17	5	✓ 5					xx								
18		18	5	✓ 5								x					
19		19	5	✓ 5							xx		xx				
20		20	5	✓ 5		x	xx	xx		xx							
21																	
22																	
23																	
24																	

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

Watchkeeper(s): A

Bottom Depth: 3478 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	19:08	
Bottom	19:14	
End	19:31	

Positional Information

Start

Lat: 50 ° 01.38 N

Lon: 135 ° 00.01 W

Bottom

Lat: 50 ° 01.38 N

Lon: 135 ° 00.02 W

End

Lat: 50 ° 01.35 N

Lon: 135 ° 00.26 W

Extra comments:

SEE BACK FOR
CHL NOTES

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022_02

Station: 49-135

Event #: 12

Ship: Franklin

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

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken												Sample Lists: Custom_Samples		Comments
			Target Pressure	Confirmed Pressure	DO	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA					
1		21	300	✓ 300		x													
2		22	200	✓ 200		x													
3		23	150	✓ 150															
4		24	150	✓ 150		x	xx						xx						
5		25	125	✓ 125		x													
6		26	100	✓ 100										xx					
7		27	100	✓ 100									xx						
8		28	100	✓ 100		x	xx												
9		29	75	✓ 75		x	xx												
10		30	50	✓ 50										xx					
11		31	50	✓ 50									xx						
12		32	50	✓ 50		x	xx	xx											
13		33	25	✓ 25									xx						
14		34	25	✓ 25		xx	xx	xx											
15		35	25	✓ 25										xx					
16		36	5	✓ 5					xx										
17		37	5	✓ 5															
18		38	5	✓ 5										xx					
19		39	5	✓ 5								x							
20		40	5	✓ 5							xx		xx						
21						x	xx	xx		xx									
22																			
23																			
24																			

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

Bottom Depth: 2818 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	0407	2007
Bottom	0413	2013
End	0430	2030

Positional Information
Start
Lat: 49 ° 02.86 N
Lon: 134 ° 59.88 W

Bottom
Lat: 49 ° 02.83 N
Lon: 134 ° 59.96 W

End
Lat: 49 ° 02.83 N
Lon: 134 ° 59.93 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_02

Station:

48-135

Event #:

1b

Ship:

Franklin

UTC Date (dd|mmm|yyyy):

23 | FEB | 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: Custom_Samples				Comments
			Target Pressure	Confirmed Pressure	DO	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA					
1		41	300	✓ 300		x													
2		42	200	✓ 200		x													
3		43	150	✓ 150															
4		44	150	✓ 150		xx	xx						xx						
5		45	125	✓ 125		x													
6		46	100	✓ 100															
7		47	100	✓ 100										xx					
8		48	100	✓ 100		x	xx						xx						
9		49	75	✓ 75		x	xx												
10		50	50	✓ 50															
11		51	50	✓ 50										xx					
12		52	50	✓ 50		x	xx	xx					xx						
13		53	25	✓ 25															
14		54	25	✓ 25		x	xx	xx					xx						
15		55	25	✓ 25															
16		56	5	✓ 5					xx					xx					
17		57	5	✓ 5															
18		58	5	✓ 5										xx					
19		59	5	✓ 5								x							
20		60	5	✓ 5							xx		xx						
21						x	xx	xx		xx									
22																			
23																			
24																			

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

Bottom Depth: 3003 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1405	0605
Bottom	1415	0615
End	1431	0631

Positional Information

Lat:	48 ° 02.72	N
Lon:	135 ° 00.23	W

Start

Lat:	48 ° 02.73	N
Lon:	135 ° 00.29	W

Bottom

Lat:	48 ° 02.73	N
Lon:	135 ° 00.29	W

End

Lat:	48 ° 02.73	N
Lon:	135 ° 00.41	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_02

Station:

47-135

Event #:

20

Ship:

Franklin

UTC Date (dd|mmm|yyyy) 23022022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Custom_Samples								Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA			Save sheet after printing labels: YES	
1		61	300	✓	300		x											
2		62	200	✓	200		x							xx				
3		63	150	✓	150													
4		64	150	✓	150		x	xx										
5		65	125	✓	125		x											
6		66	100	✓	100									xx				
7		67	100	✓	100								xx					
8		68	100	✓	100		x	xx										
9		69	75	✓	75		x	xx										
10		70	50	✓	50									xx				
11		71	50	✓	50								xx					
12		72	50	✓	50		x	xx	xx									
13		73	25	✓	25								xx					
14		74	25	✓	25		x	xx	xx									
15		75	25	✓	25									xx				
16		76	5	✓	5				xx									
17		77	5	✓	5									xx				
18		78	5	✓	5							x						
19		79	5	✓	5						xx		xx					
20		80	5				xx	xx	xx	xx								
21																		
22																		
23																		
24																		

Profile type:
ROS TRM X-Niskin other?
Watchkeeper: CS

Bottom Depth 339
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	22:36:58	
Bottom	22:45:11	
End	23:01:26	

Positional Information

Lat:	47° 3.3 N	N
Lon:	134° 59.47 W	W

▼

Lat:	47° 3.31 N	N
Lon:	134° 59.46 W	W

▼

Lat:	47° 3.33 N	N
Lon:	134° 59.43 W	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_02

Station: 47-138

Event #: 24

Ship: Franklin

UTC Date (dd|mmm|yyyy) 24/02/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists: Custom_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA							
1		81	300	✓	300	xx	x														
2		82	200	✓	200	x	xx														
3		83	150	✓	150																
4		84	150	✓	150	x	x	xx					xx								
5		85	125	✓	125	x	x														
6		86	100	✓	100																
7		87	100	✓	100									xx							
8		88	100	✓	100	x	x	xx					xx								
9		89	75	✓	75	x	x	xx													
10		90	50	✓	50																
11		91	50	✓	50									xx							
12		92	50	✓	50	x	x	xx	xx				xx								
13		93	25	✓	25																
14		94	25	✓	25	x	x	xx	xx				xx								
15		95	25	✓	25																
16		96	5	✓	5									xx							
17		97	5	✓	5				xx												
18		98	5	✓	5									xx							
19		99	5	✓	5						x										
20		100	5	✓	5					xx			xx								
21						x	x	xx	xx	xx											
22																					
23																					
24																					

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

Bottom Depth: 3814
Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	1347	
Bottom	1351	
End	1400	

Positional Information
Start
Lat: 46 56.15 N
Lon: 137 558.37 W

Bottom
Lat: 46 56.18 N
Lon: 137 58.33 W

End
Lat: 46 56.25 N
Lon: 137 58.26 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_02 Station: 48-138 Event #: 28

Ship: Franklin UTC Date (dd|mmm|yyyy) 24/02/2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken												Comments
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA			
1		101	300	✓	300		x											
2		102	200	✓	200		xx											
3		103	150	✓	150													
4		104	150	✓	150		x	xx						xx				
5		105	125	✓	125		x											
6		106	100	✓	100													
7		107	100	✓	100										xx			
8		108	100	✓	100		x	xx						xx				
9		109	75	✓	75		x	xx										
10		110	50	✓	50													
11		111	50	✓	50										xx			
12		112	50	✓	50		x	xx	xx					xx				
13		113	25	✓	25													
14		114	25	✓	25		x	xx	xx					xx				
15		115	25	✓	25													
16		116	5	✓	5					xx					xx			
17		117	5	✓	5													
18		118	5	✓	5										xx			
19		119	5	✓	5								x					
20		120	5	✓	5		x	xx	xx		xx			xx				
21																		
22																		
23																		
24																		

Profile type: CS

ROS TRM X-Niskin other?

Watchkeeper(s):

Bottom Depth 3586

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	22:26	
Bottom	22:31	
End	22:46	

Positional Information

Start

Lat: 47 56.22 N

Lon: 137 59.58 W

Bottom

Lat: 47 56.23 N

Lon: 137 59.49 W

End

Lat: 47 56.26 N

Lon: 137 59.28 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists: Custom Samples							Comments	
			Target Pressure	Confirmed Pressure															Save sheet after printing labels:	
			✓		OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				YES		
1		121	300	✓	300		x													
2		122	200	✓	200		x													
3		123	150	✓	150									xx						
4		124	150	✓	150		x	xx												
5		125	125	✓	125		x													
6		126	100	✓	100										xx					
7		127	100	✓	100									xx						
8		128	100	✓	100		xx	xx												
9		129	75	✓	75		x	xx												
10		130	50	✓	50										xx					
11		131	50	✓	50									xx						
12		132	50	✓	50		x	xx	xx											
13		133	25	✓	25									xx						
14		134	25	✓	25		x	xx	xx											
15		135	25	✓	25										xx					
16		136	5	✓	5					xx										
17		137	5	✓	5										xx					
18		138	5	✓	5								x							
19		139	5	✓	5						xx			xx						
20		140	5	✓	5		x	xx	xx		xx									
21																				
22																				
23																				
24																				

Version: 4MAR2021

Transmissometer data sheet 10-0

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

Bottom Depth: 3558 m
Transmisso Cyes no

Time

UTC

Local

Start16:25:11

Bottom16:32:56

End16:51:11

Positional Information

StartLat: 48° 55.42 N N
Lon: 137° 59.77 W W

BottomLat: 48° 55.48 N N
Lon: 137° 59.68 W W

EndLat: 48° 55.56 N N
Lon: 137° 59.46 W W

Extra comments:

Cruise ID: 2022_02

Station: 50-138

Event #: 36

Ship: Franklin

UTC Date (dd|mmm|yyyy) 27-02-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: Custom Samples			Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				
1		141	300	✓	300		xx											Save sheet after printing labels: YES
2		142	200	✓	200		x											
3		143	150	✓	150								xx					
4		144	150	✓	150		x	xx										
5		145	125	✓	125		x											
6		146	100	✓	100									xx				
7		147	100	✓	100								xx					
8		148	100	✓	100		x	xx										
9		149	75	✓	75		x	xx										
10		150	50	✓	50									xx				
11		151	50	✓	50								xx					
12		152	50	✓	50		x	xx	xx									
13		153	25	✓	25								xx					
14		154	25	✓	25		x	xx	xx									
15		155	25	✓	25									xx				
16		156	5	✓	5				xx									
17		157	5	✓	5									xx				
18		158	5	✓	5							x						
19		159	5	✓	5						xx		xx					
20		160	5	✓	5		x	xx	xx	xx								
21																		
22																		
23																		
24																		

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 3527 m

Transmisso Cyes no

Time	UTC	Local
Start	01:44:06	
Bottom	01:49:19	
End	02:04:50	

Positional Information

Lat: 49° 59.59 N N

Lon: 137° 55.95 W W

Lat: 49° 59.56 N N

Lon: 137° 55.95 W W

Lat: 49° 59.53 N N

Lon: 137° 55.95 W W

Extra comments:

→ FREEZER NOT ON

LIGANDS NOT FROZEN

UNTIL ~ 18 HRS AFTER

SAMPLING

Cruise ID: 2022_02

Station: 49-141

Event #: 44

Ship: Franklin

UTC Date (dd|mmm|yyyy) 28-02-22

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom Samples								Comments
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				
1		181	300	✓	300		x												
2		182	200	✓	200		x												
3		183	150	✓	150									xx					
4		184	150	✓	150		xx	xx											
5		185	125	✓	125		x												
6		186	100	✓	100										xx				
7		187	100	✓	100									xx					
8		188	100	✓	100		x	xx											
9		189	75	✓	75		x	xx											
10		190	50	✓	50										xx				
11		191	50	✓	50									xx					
12		192	50	✓	50		x	xx	xx										
13		193	25	✓	25									xx					
14		194	25	✓	25		x	xx	xx										
15		195	25	✓	25										xx				
16		196	5	✓	5					xx									
17		197	5	✓	5										xx				
18		198	5	✓	5								x						
19		199	5	✓	5							xx		xx					
20		200	5	✓	5		x	xx	xx		xx								
21																			
22																			
23																			
24																			

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

Bottom Depth: 3882 m
Transmisso C yes no

Time UTC Local

Start 01:52:11

Bottom 01:57:44

End 02:13:17

Positional Information

Lat: 49° 4.69 N N

Lon: 141° 0.94 W W

▼

Lat: 49° 4.68 N N

Lon: 141° 0.93 W W

▼

Lat: 49° 4.7 N N

Lon: 141° 0.92 W W

Start

Bottom

End

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_02

Station:

48-141

Event #:

48

Ship:

Franklin

UTC Date (dd|mmm|yyyy) 28-02-22

Niskin
#

Firing
#

Sample
#

Rosette Operation

Target
Pressure

Confirmed
✓

Pressure

Sampler's Initials / Samples Taken

OXY

NUT-F

CHL

HPLC

HPLC-2

FCM

POM-C&N

POM-FA

LIGAND

eDNA

Sample Lists: Custom_Samples

Comments

Save sheet after printing labels:

YES

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 4789 m

Transmisso C yes no

Time UTC Local

Start 16:25:30

Bottom 16:32:58

End 16:49:30

Positional Information

Lat: 48° 5.52 N N

Lon: 140° 57.95 W W

Lat: 48° 5.52 N N

Lon: 140° 57.96 W W

Lat: 48° 5.58 N N

Lon: 140° 57.95 W W

Extra comments:

1		201	300	✓	300		xx												
2		202	200	✓	200		x							xx					
3		203	150	✓	150														
4		204	150	✓	150		x	xx											
5		205	125	✓	125		x												
6		206	100	✓	100										xx				
7		207	100	✓	100									xx					
8		208	100	✓	100		x	xx											
9		209	75	✓	75		x	xx											
10		210	50	✓	50										xx				
11		211	50	✓	50									xx					
12		212	50	✓	50		x	xx	xx										
13		213	25	✓	25									xx					
14		214	25	✓	25		x	xx	xx										
15		215	25	✓	25														
16		216	5	✓	5					xx									
17		217	5	✓	5										xx				
18		218	5	✓	5								x						
19		219	5	✓	5						xx			xx					
20		220	5	✓	5		x	xx	xx		xx								
21																			
22																			
23																			
24																			

Cruise ID: 2022_02

Station: 46-144

Event #: 53

Ship: Franklin

UTC Date (dd|mmm|yyyy) 03/01/2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom Samples								Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA					Save sheet after printing labels: YES
1		221	300	✓	300	x	x													
2		222	200	✓	200	x	xx													
3		223	150	✓	150									xx						
4		224	150	✓	150	x	x	xx												
5		225	125	✓	125	x	x													
6		226	100	✓	100										xx					
7		227	100	✓	100									xx						
8		228	100	✓	100	x	x	xx												
9		229	75	✓	75	x	x	xx												
10		230	50	✓	50										xx					
11		231	50	✓	50									xx						
12		232	50	✓	50	xx	x	xx	xx											
13		233	25	✓	25									xx						
14		234	25	✓	25	x	x	xx	xx											
15		235	25	✓	25										xx					
16		236	5	✓	5					xx										
17		237	5	✓	5										xx					
18		238	5	✓	5								x							
19		239	5	✓	5							xx		xx						
20		240	5	✓	5	x	x	xx	xx		xx									
21																				
22																				
23																				
24																				

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 4167 m

Transmissio C no no

Time	UTC	Local
Start	17:13:22	
Bottom	17:18:55	
End	17:33:09	

Positional Information

Lat: 46° 5.32 N N

Lon: 144° 0.65 W W

Lat: 46° 5.3 N N

Lon: 144° 0.65 W W

Lat: 46° 5.3 N N

Lon: 144° 0.68 W 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_02

Station:

47-144

Event #:

38

Ship:

Franklin

UTC Date (dd|mmm|yyyy) 03/02/2022

Cruise ID:			2022_02	Station:		47-144		Event #:		50		Camp:		50		Comments			
Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists: Custom_Samples					Comments		
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	NUT-C	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	SAL					Save sheet after printing labels: YES
1		241	2000	✓	2000	x	x	x								x			
2		242	1500	✓	1500	xx	x	xx								x			
3		243	1250	✓	1250	x	x	x								x			
4		244	1000	✓	1000	x	xx	x											
5		245	800	✓	800	x	x	x											
6		246	600	✓	600	x	x	x											
7		247	400	✓	400	x	x	x											
8		248	300	✓	300	x	x												
9		249	250	✓	250	xx	x												
10		250	200	✓	200	x	x												
11		251	175	✓	175	x	x												
12		252	150	✓	150	x	x		xx										
13		253	125	✓	125	x	xx												
14		254	100	✓	100	x	x		xx										
15		255	75	✓	75	x	x		xx										
16		256	60	✓	60	x	x												
17		257	50	✓	50	x	x		xx	xx									
18		258	25	✓	25	x	x		xx	xx									
19		259	10	✓	10	x	xx												
20		260	5	✓	5	xx	x					xx							
21		261	5	✓	5				xx	xx		xx							
22		262	5	✓	5									x					
23		263	5	✓	5						xx								
24		264	0	✓	0	x	x												

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

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

Bottom Depth: 4211 m
Transmisso Cyes no

Time	UTC	Local
Start	03:26:16	
Bottom	03:59:59	
End	05:03:51	

Positional Information

Start	Lat: 46° 56.55 N	N
	Lon: 144° 1.37 W	W

Bottom

Lat: 46° 56.43 N	N
Lon: 144° 1.64 W	W

End

Lat: 46° 56.22 N	N
Lon: 144° 2.06 W	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom Samples								Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA					Save sheet after printing labels:
1		265	300	✓	300		x													
2		266	200	✓	200		x													
3		267	150	✓	150									xx						
4		268	150	✓	150		x	xx												
5		269	125	✓	125		xx													
6		270	100	✓	100										xx					
7		271	100	✓	100									xx						
8		272	100	✓	100		x	xx												
9		273	75	✓	75		x	xx												
10		274	50	✓	50										xx					
11		275	50	✓	50									xx						
12		276	50	✓	50		x	xx	xx											
13		277	25	✓	25									xx						
14		278	25	✓	25		x	xx	xx											
15		279	25	✓	25										xx					
16		280	5	✓	5					xx										
17		281	5	✓	5										xx					
18		282	5	✓	5								x							
19		283	5	✓	5						xx			xx						
20		284	5	✓	5		x	xx	xx		xx									
21																				
22																				
23																				
24																				

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 4666 m

Transmissio C yes no

Time	UTC	Local
Start	16:28:29	
Bottom	16:34:30	
End	16:48:18	

Positional Information

Lat: 47° 54.55 N N

Lon: 143° 59.32 W W

▼

Lat: 47° 54.56 N N

Lon: 143° 59.27 W W

▼

Lat: 47° 54.54 N N

Lon: 143° 59.13 W 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_02

Station: 49-144

Event #: 65

Ship: Franklin

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

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: Custom_Samples			Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	NUT-C	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	SAL				
1		285	2000	✓	2000	x	x	x							x			
2		286	1500	✓	1500	xx	x	xx							x			
3		287	1250	✓	1250	x	x	x							x			
4		288	1000	✓	1000	x	xx	x							x			
5		289	800	✓	800	x	x	x							x			
6		290	600	✓	600	x	x	x							x			
7		291	400	✓	400	x	x	x							x			
8		292	300	✓	300	x	x								x			
9		293	250	✓	250	xx	x								x			
10		294	200	✓	200	x	x								x			
11		295	175	✓	175	x	x								x			
12		296	150	✓	150	x	x		xx						x			
13		297	125	✓	125	x	xx								x			
14		298	100	✓	100	x	x		xx						x			
15		299	75	✓	75	x	x		xx						x			
16		300	60	✓	60	x	x								x			
17		301	50	✓	50	x	x		xx	xx					x			
18		302	25	✓	25	x	x		xx	xx					x			
19		303	10	✓	10	x	xx								x			
20		304	5	✓	5	xx	x					xx			x			
21		305	5	✓	5				xx	xx		xx						
22		306	5	✓	5													
23		307	5	✓	5									x				
24		308	0	✓	0	x	x				xx							

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 4000 m

Transmisso C no no

Time	UTC	Local
Start	00:29:43	
Bottom	01:04:00	
End	01:54:17	

Positional Information

Lat: 48° 55.91 N N

Lon: 143° 59.36 W W

▼

Lat: 48° 55.85 N N

Lon: 143° 58.93 W W

▼

Lat: 48° 55.69 N N

Lon: 143° 58.38 W 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_02 Station: 51-141 Event #: 68 Ship: Franklin UTC Date (dd|mmm|yyyy) 03/04/2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken						Sample Lists: Custom Samples						Comments	
			Target Pressure	Confirmed	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				
			✓	Pressure															
1		309	300	✓	300		x												
2		310	200	✓	200		x												
3		311	150	✓	150									xx					
4		312	150	✓	150		x	xx											
5		313	125	✓	125		xx												
6		314	100	✓	100										xx				
7		315	100	✓	100									xx					
8		316	100	✓	100		x	xx											
9		317	75	✓	75		x	xx											
10		318	50	✓	50										xx				
11		319	50	✓	50									xx					
12		320	50	✓	50		x	xx	xx										
13		321	25	✓	25									xx					
14		322	25	✓	25		x	xx	xx										
15		323	25	✓	25										xx				
16		324	5	✓	5					xx									
17		325	5	✓	5										xx				
18		326	5	✓	5								x						
19		327	5	✓	5							xx		xx					
20		328	5	✓	5		x	xx	xx		xx								
21																			
22																			
23																			
24																			

Version: 4MAR2021

Transmittance test results: 11-2

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

Bottom Depth: 4020 m
Transmisso C yes no

Time	UTC	Local
Start	05:12:44	
Bottom	05:18:06	
End	05:31:47	

Positional Information

Lat:	50° 59.08 N	N
Lon:	141° 7.82 W	W

Bottom

Lat:	50° 59.06 N	N
Lon:	141° 7.82 W	W

End

Lat:	50° 58.98 N	N
Lon:	141° 7.76 W	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Custom Samples						Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				Save sheet after printing labels: YES
1		329	300	✓	300		x											
2		330	200	✓	200		x											
3		331	150	✓	150								xx					
4		332	150	✓	150		x	xx										
5		333	125	✓	125		x											
6		334	100	✓	100									xx				
7		335	100	✓	100								xx					
8		336	100	✓	100		x	xx										
9		337	75	✓	75		x	xx										
10		338	50	✓	50									xx				
11		339	50	✓	50								xx					
12		340	50	✓	50		x	xx	xx									
13		341	25	✓	25								xx					
14		342	25	✓	25		xx	xx	xx									
15		343	25	✓	25									xx				
16		344	5	✓	5				xx									
17		345	5	✓	5									xx				
18		346	5	✓	5							x						
19		347	5	✓	5						xx		xx					
20		348	5	✓	5		x	xx	xx	xx								
21																		
22																		
23																		
24																		

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 4374 m

Transmissio Cno no

Time	UTC	Local
Start	16:27:59	
Bottom	16:35:21	
End	16:50:29	

Positional Information

Lat: 51° 53.58 N N

Lon: 141° 0.65 W W

Lat: 51° 53.53 N N

Lon: 141° 0.65 W W

Lat: 51° 53.47 N N

Lon: 141° 0.65 W 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_02

Station: 53-141

Event #: 76

Ship: Franklin

UTC Date (dd\mmm\yyyy) 03/05/2022

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	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA					
1		349	300	✓	300	x	x												
2		350	200	✓	200	xx	x												
3		351	150	✓	150														
4		352	150	✓	150	x	x	xx											
5		353	125	✓	125		xx												
6		354	100	✓	100								xx						
7		355	100	✓	100														
8		356	100	✓	100	x	x	xx											
9		357	75	✓	75	x	x	xx											
10		358	50	✓	50								xx						
11		359	50	✓	50														
12		360	50	✓	50	x	x	xx	xx										
13		361	25	✓	25														
14		362	25	✓	25	xx	x	xx	xx										
15		363	25	✓	25								xx						
16		364	5	✓	5				xx										
17		365	5	✓	5								xx						
18		366	5	✓	5							x							
19		367	5	✓	5	x					xx								
20		368	5	✓	5		x	xx	xx		xx								
21																			
22																			
23																			
24																			

Version: 4MAR2021

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

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

Bottom Depth: 4055 m

Transmissio C no no

Time UTC Local

Start01:30:29

Bottom01:35:29

End01:49:56

Positional Information

StartLat: 52° 55.51 N N
Lon: 140° 58.31 W W

BottomLat: 52° 55.48 N N
Lon: 140° 58.26 W W

EndLat: 52° 55.34 N N
Lon: 140° 58.1 W W

Extra comments:

NO LIGANDS AT THIS STATION
AS WE STARTED TO GET SHORT
ON BOTTLES ON LEG 1

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022_02

Station: 53-138

Event #: 80

Ship: Franklin

UTC Date (dd|mmm|yyyy) 03/05/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Custom_Samples						Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				
1		369	300	✓	300		x											
2		370	200	✓	200		x											
3		371	150	✓	150													
4		372	150	✓	150		x	xx										
5		373	125	✓	125		x											
6		374	100	✓	100									xx				
7		375	100	✓	100													
8		376	100	✓	100		xx	xx										
9		377	75	✓	75		x	xx										
10		378	50	✓	50									xx				
11		379	50	✓	50													
12		380	50	✓	50		x	xx	xx									
13		381	25	✓	25													
14		382	25	✓	25		x	xx	xx									
15		383	25	✓	25									xx				
16		384	5	✓	5					xx								
17		385	5	✓	5									xx				
18		386	5	✓	5							x						
19		387	5	✓	5						xx							
20		388	5	✓	5		x	xx	xx		xx							
21																		
22																		
23																		
24																		

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

Bottom Depth: 4152 m

Transmisso C no no

Time UTC Local

Start 16:14:34

Bottom 16:22:00

End 16:36:44

Positional Information

StartLat: 52° 59.08 N N
Lon: 138° 6.41 W W

BottomLat: 52° 59.08 N N
Lon: 138° 6.26 W W

EndLat: 52° 59.09 N N
Lon: 138° 6.08 W W

Extra comments:

Version: 4MAR2021

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

Cruise ID: 2022_02

Station: 52-138

Event #: 84

Ship: Franklin

UTC Date (dd|mmm|yyyy) 03/06/2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				Save sheet after printing labels:
1		389	300	✓	300		x												
2		390	200	✓	203		x												
3		391	150	✓	150									xx					
4		392	150	✓	149		x	xx											
5			125	✓	150														Oops, fired too many 150m
6		393	100	✓	125		x												
7		394	100	✓	100										xx				
8		395	100	✓	100									xx					
9		396	75	✓	100		x	xx											
10		397	50	✓	75		x	xx											
11		399	50	✓	50										xx				
12		399	50	✓	50									xx					
13		400	25	✓	50		x	xx	xx										
14		401	25	✓	25									xx					
15		402	25	✓	25		x	xx	xx										
16		403	5	✓	25										xx				
17		404	5	✓	5					xx									
18		405	5	✓	5										xx				
19		406	5	✓	5								x						
20		407	5	✓	5							xx		xx					
21		408	5	✓	5		xx	xx	xx		xx								
22																			
23																			
24																			

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 4274 m

Transmisso Cyes no

Time	UTC	Local
Start	02:40:43	
Bottom	02:45:52	
End	02:59:44	

Positional Information

Start

Lat: 51° 57.26 N N

Lon: 138° 3.16 W W

Bottom

Lat: 51° 57.25 N N

Lon: 138° 3.12 W W

End

Lat: 51° 57.21 N N

Lon: 138° 3.03 W W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists: Custom Samples						Comments	
			Target Pressure	Confirmed	✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				
																				Save sheet after printing labels: YES
1		409	300	✓		300	x	x												
2		410	200	✓		200	x	x												
3		411	150	✓		150														
4		412	150	✓		150	x	x	xx											
5		413	125	✓		125		xx												
6		414	100	✓		100										xx				
7		415	100	✓		100														
8		416	100	✓		100	x	x	xx											
9		417	75	✓		75	x	x	xx											
10		418	50	✓		49										xx				
11		419	50	✓		49														
12		420	50	✓		49	xx	x	xx	xx										
13		421	25	✓		25														
14		422	25	✓		25	xx	x	xx	xx										
15		423	25	✓		25										xx				
16		424	5	✓		5					xx									
17		425	5	✓		6										xx				
18		426	5	✓		6								x						
19		427	5	✓		4	x						xx							
20		428	5	✓		4		x	xx	xx		xx								
21																				
22																				
23																				
24																				

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 4433 m

Transmissio C yes no

Time	UTC	Local
Start	16:12:46	
Bottom	16:17:45	
End	16:31:58	

Positional Information

Lat: 51° 57.28 N N

Lon: 135° 4.75 W W

▼

Lat: 51° 57.25 N N

Lon: 135° 4.72 W W

▼

Lat: 51° 57.25 N N

Lon: 135° 4.56 W W

Extra comments:

Cruise ID: 2022_02

Station: 51-135

Event #: 92

Ship: Franklin

UTC Date (dd|mmm|yyyy) 03/07/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: Custom_Samples				Comments	
			Target Pressure	Confirmed	✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA			Save sheet after printing labels:	YES
1		429	300	✓	300		x													
2		430	200	✓	200		x													
3		431	150	✓	150															
4		432	150	✓	150		x	xx												
5		433	125	✓	124		x													
6		434	100	✓	100											xx				
7		435	100	✓	100															
8		436	100	✓	100		x	xx												
9		437	75	✓	75		x	xx												
10		438	50	✓	50											xx				
11		439	50	✓	50															
12		440	50	✓	50		xx	xx	xx											
13		441	25	✓	25															
14		442	25	✓	25		x	xx	xx											
15		443	25	✓	25											xx				
16		444	5	✓	5					xx										
17		445	5	✓	5											xx				
18		446	5	✓	5									x						
19		447	5	✓	5								xx							
20		448	5	✓	6		x	xx	xx		xx									
21																				
22																				
23																				
24																				

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Chelsea Stan

Bottom Depth: 4723 m

Transmissio C yes no

Time	UTC	Local
Start	02:39:07	
Bottom	02:44:31	
End	02:58:22	

Positional Information

Lat: 50° 57.31 N N

Lon: 135° 5.78 W W

Lat: 50° 57.28 N N

Lon: 135° 5.78 W W

Lat: 50° 57.27 N N

Lon: 135° 5.72 W W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken						Sample Lists: Custom_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA					Save sheet after printing labels:
1		449	300	✓	300.7		x													
2		450	200	✓	200		x													
3		451	150	✓										xx						
4		452	150	✓	150		x	xx												
5		453	150	✓	150		xx													
6		454	100	✓	100										xx					
7		455	100	✓										xx						
8		456	100	✓			x	xx												
9		457	75	✓	75		x	xx												
10		458	50	✓	50.7										xx					
11		459	50	✓										xx						
12		460	50	✓			x	xx	xx											
13		461	25	✓	25.4									xx						
14		462	25	✓			x	xx	xx											
15		463	25	✓											xx					
16		464	5	✓	6					xx										
17		465	5	✓											xx					
18		466	5	✓									x							
19		467	5	✓							xx		xx							
20		468	5	✓			x	xx	xx		xx									
21																				
22																				
23																				
24																				

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Cindy Wright

Bottom Depth: 2783 m

Transmisso Cleaned: Y / N

Time

UTC

Local

Start07:32

Bottom07:37

End07:55:46

Positional Information

Start

Lat: 52 °57.94 N

Lon: 134 °52.64 W

Bottom

Lat: 52 °57.98 N

Lon: 134°52.6 W

End

Lat: 52° 58.03 N N

Lon: 134° 52.45 W W

Extra comments:

4678 ligand not sampled
→ ran out of water

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken										Sample Lists: Custom Samples								Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Cindy Wright

Bottom Depth: 3249 m

Transmisso C yes no

Time	UTC	Local
Start	00:17:49	
Bottom	00:23:03	
End	00:37:09	

Positional Information		
Lat:	54° 55.79 N	N
Lon:	137° 56.27 W	W

Lat:	54° 55.78 N	N
Lon:	137° 56.24 W	W

Lat:	54° 55.76 N	N
Lon:	137° 56.19 W	W

Extra comments:

Cruise ID: 2022_02

Station: 54-138

Event #: 105

Ship: Franklin

UTC Date (dd|mmm|yyyy): 11|03|2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples							Comments	
			Target Pressure	Confirmed	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA			Save sheet after printing labels:	YES
			Pressure	✓ Pressure														
1		490	300	✓	300.6		x											
2		491	200	✓	199		x											
3		492	150	✓	150								xx					
4		493	150	✓			x	xx										
5		494	125	✓	124.6		x											
6		495	100	✓	100.8									xx				
7		496	100	✓									xx					
8		497	100	✓			x	xx										
9		498	75	✓	74.9		xx	xx										
10		499	50	✓	49.5									xx				
11		500	50	✓									xx					
12		501	50	✓			x	xx	xx									
13		502	25	✓	25								xx					
14		503	25	✓			x	xx	xx									
15		504	25	✓										xx				
16		505	5	✓	5				xx									
17		506	5	✓										xx				
18		507	5	✓								x						
19		508	5	✓							xx							
20		509	5	✓			x	xx	xx	xx								
21		510	5	✓									xx					
22																		
23																		
24																		

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): *CW*

Bottom Depth: *3200* m

Transmisso Cleaned: *(Y)* / N

Time	UTC	Local
Start	<i>1030</i>	
Bottom	<i>1035</i>	
End	<i>1051</i>	

Positional Information

Start

Lat: *53* ° *56.76* N

Lon: *138* ° *06 05* W

Bottom

Lat: *53* ° *56.77* N

Lon: *138* ° *05.98* W

End

Lat: *53* ° *56.72* N

Lon: *138* ° *05.95* 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_02

Station:

54-141

Event #:

109

Ship:

Franklin

UTC Date (dd|mmm|yyyy) 03/12/2022

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

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists: Custom Samples				Comments			
			Target Pressure	Confirmed Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA			Save sheet after printing labels: YES			
1		511	300	✓	299		x													
2		512	200	✓	199		x							xx						
3		513	150	✓	151															
4		514	150	✓			x	xx												
5		515	125	✓	124		x										xx			
6		516	100	✓	100.5									xx						
7		517	100	✓																
8		518	100	✓			x	xx												
9		519	75	✓	74.3		x	xx									xx			
10		520	50	✓	51.9									xx						
11		521	50	✓																
12		522	50	✓			x	xx	xx					xx						
13		523	25	✓	25															
14		524	25	✓			xx	xx	xx								xx			
15		525	25	✓						xx										
16		526	5	✓	5.6												xx			
17		527	5	✓										x						
18		528	5	✓								xx								
19		529	5	✓																
20		530	5	✓			x	xx	xx	xx							xx			
21		531	5	✓																
22																				
23																				
24																				

Bottom Depth: _____ m
Transmisso Cyes _____ no

Time	UTC	Local
Start	00:04:13	
Bottom	00:09:15	
End	00:23:27	

Positional Information		
Start	Lat:	53° 58.07 N N
	Lon:	141° 4.75 W W
▼		
Bottom	Lat:	53° 58.06 N N
	Lon:	141° 4.73 W W
▼		
End	Lat:	53° 58.03 N N
	Lon:	141° 4.66 W W

Extra comments:

Cruise ID: 2022_02

Station: 55-141

Event #: 111 113

Ship: Franklin

UTC Date (dd|mmm|yyyy): 12|03|22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Custom_Samples						Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA			
1		532	300	✓	301		x										
2		533	200	✓	201.5		x										
3		534	150	✓									xx				
4		535	150	✓			x	xx									
5		536	125	✓	125		x										
6		537	100	✓	99.7									xx			
7		538	100	✓									xx				
8		539	100	✓			xx	xx									
9		540	75	✓	74		x	xx									
10		541	50	✓	50									xx			
11		542	50	✓									xx				
12		543	50	✓			x	xx	xx								
13		544	25	✓									xx				
14		545	25	✓			x	xx	xx								
15		546	25	✓										xx			
16		547	5	✓	5.2				xx								
17		548	5	✓										xx			
18		549	5	✓								x					
19		550	5	✓							xx						
20		551	5	✓			x	xx	xx	xx							
21		552	5	✓									xx				
22																	
23																	
24																	

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): CW

Bottom Depth: 3702 m

Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	1620	
Bottom	1626	
End	1641	

Positional Information

Start

Lat: 54 ° 56.4 N

Lon: 140 ° 59.81 W

Bottom

Lat: 54 ° 56.48 N

Lon: 140 ° 59.42 W

End

Lat: 54 ° 56.47 N

Lon: 140 ° 59.42 W

Extra comments:

2m swell

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID:

2022_02

Station:

56-141

Event #:

117

Ship:

Franklin

UTC Date (dd|mmm|yyyy) 13-03-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: Custom_Samples		Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA			
1		553	300	✓	301		x										
2		554	200	✓	201		x							xx			
3		555	150	✓													
4		556	150	✓			x	xx									
5		557	125	✓	127		x								xx		
6		558	100	✓	100.6									xx			
7		559	100	✓													
8		560	100	✓			xx	xx									
9		561	75	✓	75		x	xx							xx		
10		562	50	✓	51									xx			
11		563	50	✓													
12		564	50	✓			x	xx	xx					xx			
13		565	25	✓	25.5												
14		566	25	✓			x	xx	xx						xx		
15		567	25	✓													
16		568	5	✓	5.7				xx						xx		
17		569	5	✓													
18		570	5	✓									x				
19		571	5	✓							xx						
20		572	5	✓			x	xx	xx	xx							
21		573	5	✓										xx			
22																	
23																	
24																	

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

Bottom Depth: _____ m
Transmisso C no _____ no

Time	UTC	Local
Start	03:10:11	
Bottom	03:15:18	
End	03:29:16	

Positional Information

Lat:	55° 56.47 N	N
Lon:	140° 54.91 W	W

▼

Lat:	55° 56.51 N	N
Lon:	140° 54.88 W	W

▼

Lat:	55° 56.6 N	N
Lon:	140° 54.77 W	W

Extra comments:
niskin 3 was hung up on frame
and did not trip
2.5m swells

555B — 555A
LIGAND — LIGAND
56-141 — 56-141
2022_02 — 2022_02
150 m — 150 m
bot 3 — bot 3

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples								Comments	
			Target Pressure	Confirmed		OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA					Save sheet after printing labels:
				✓	Pressure															
1		574	300	✓	300.1		x													
2		575	200	✓	201		x													
3		576	150	✓	150									xx						
4		577	150	✓			x	xx												
5		578	125	✓	125		x													
6		579	100	✓	100										xx					
7		580	100	✓										xx						
8		581	100	✓			x	xx												
9		582	75	✓	75.9		x	xx												
10		583	50	✓	50										xx					
11		584	50	✓										xx						
12		585	50	✓			x	xx	xx											
13		586	25	✓	25									xx						
14		587	25	✓			xx	xx	xx											
15		588	25	✓											xx					
16		589	5	✓	5					xx										
17		590	5	✓											xx					
18		591	5	✓									x							
19		592	5	✓								xx								
20		593	5	✓			x	xx	xx		xx									
21		594	5	✓										xx						
22																				
23																				
24																				

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Cindy Wright

Bottom Depth: 3700 m

Transmissio yes no

Time	UTC	Local
Start	13:59:42	
Bottom	14:06:03	
End	14:20:11	

Positional Information

Lat: 56° 56.15 N N

Lon: 140° 55.87 W W

▼

Lat: 56° 56.18 N N

Lon: 140° 55.82 W W

▼

Lat: 56° 56.28 N N

Lon: 140° 55.83 W W

Extra comments:

2m swell

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2022_02 Station: 57-144 Event #: 124 Ship: Franklin UTC Date (dd|mmm|yyyy) 14/03/2022

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	OXY	NUT-F	NUT-C	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	SAL				
1		595	2000			x	x	x							x				
2		596	1500			xx	x	x							x				
3		597	1250			x	x	x							x				
4		598	1000			x	x	x							x				
5		599	800			x	xx	x											
6		600	600			x	x	x											
7		601	400			x	x	xx											
8		602	300			x	x												
9		603	250			x	x												
10		604	200			x	x												
11		605	175			x	x												
12		606	150			x	x		xx										
13		607	125			xx	x												
14		608	100			x	x		xx										
15		609	75			x	x		xx										
16		610	60			x	xx												
17		611	50			x	x		xx	xx									
18		612	25			xx	x		xx	xx									
19		613	10			x	x												
20		614	5			x	x						xx						
21		615	5						xx	xx		x							
22		616	5											x					
23		617	5								xx								
24		618	0			x	xx												

Profile type: Ros

ROS TRM X-Niskin other?

Watchkeeper CW

Bottom Depth: 3744

Transmisso CY Y / N

Time	UTC	Local
Start	17:17	
Bottom	17:51	
End	18:46	

Positional Information

Lat: 57°0.5 N

Lon: 143 50.29° W

Lat: 57° 0.57 N

Lon: 143 50.29° W

Lat: 57°0.66 N

Lon: 143°51.16 W

Extra comments:

2.5m swell - Long period.

rosette program bugged out

Water Properties Group

Program
STN List: Custom_Stn_List

Sampling Log

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

Cruise ID:

2022_02

Station:

56-144

Event #:

130

Ship:

Franklin

UTC Date (dd|mmm|yyyy) 15-03-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: Custom_Samples				Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA					
1		619	300	✓ 302		xx													
2		620	200	✓ 200		x							xx						
3		621	150	✓ 150															
4		622	150	✓		x	xx												
5		623	125	✓ 125		x								xx					
6		624	100	✓ 100									xx						
7		625	100	✓															
8		626	100	✓		x	xx												
9		627	75	✓ 75		x	xx							xx					
10		628	50	✓ 50									xx						
11		629	50	✓															
12		630	50	✓		x	xx	xx					xx						
13		631	25	✓ 25															
14		632	25	✓		x	xx	xx						xx					
15		633	25	✓						xx									
16		634	5	✓ 5										xx					
17		635	5	✓									x						
18		636	5	✓							xx								
19		637	5	✓															
20		638	5	✓		x	xx	xx		xx				xx					
21		639	5	✓															
22																			
23																			
24																			

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Cindy Wright

Bottom Depth: 3688 m

Transmisso Cyes no

Time	UTC	Local
Start	04:42:34	
Bottom	04:47:57	
End	05:01:59	

Positional Information

Lat: 55° 58.5 N N

Lon: 144° 0.88 W W

Start

Lat: 55° 58.52 N N

Lon: 144° 0.94 W W

Bottom

Lat: 55° 58.52 N N

Lon: 144° 1.09 W W

End

Extra comments:

2m swells

this cast was done after fishing

Cruise ID: 2022_02

Station: 55-144

Event #: 133

Ship: Franklin

UTC Date (dd|mmm|yyyy) 15-03-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples							Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	NUT-F	NUT-C	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	SAL			Save sheet after printing labels: YES	
1		640	2000	✓	2000	x	x	x						x				
2		641	1500	✓	1501	xx	x	x						x				
3		642	1250	✓	1250	x	x	x						x				
4		643	1000	✓	1000.8	x	x	x						x				
5		644	800	✓	800	x	xx	x										
6		645	600	✓	600	x	x	x										
7		646	400	✓	400	x	x	xx										
8		647	300	✓	300.8	x	x											
9		648	250	✓	250	x	x											
10		649	200	✓	200	x	x											
11		650	175	✓	175	x	x											
12		651	150	✓	150	x	x		xx									
13		652	125	✓	125	xx	x											
14		653	100	✓		x	x		xx									
15		654	75	✓	75	x	x		xx									
16		655	60	✓	59	x	xx											
17		656	50	✓	50	x	x		xx	xx							nut missed	
18		657	25	✓	33	xx	x		xx	xx								
19		658	10	✓	11	x	x											
20		659	5	✓		x	x					xx						
21		660	5	✓				xx	xx		x							
22		661	5	✓									x					
23		662	5	✓						xx								
24		663	0	✓		x	xx											

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Cindy Wright

Bottom Depth: 4000 m

Transmissio C yes no

Time	UTC	Local
Start	11:52:04	
Bottom	12:26:17	
End	13:27:16	

Positional Information		
Start	Lat: 55° 2.62 N	N
	Lon: 144° 4.56 W	W
Bottom	Lat: 55° 2.47 N	N
	Lon: 144° 4.68 W	W
End	Lat: 55° 2.25 N	N
	Lon: 144° 4.49 W	W

Extra comments:

around 2m swell

Cruise ID: 2022_02

Station: 54-144

Event #: 138

Ship: Franklin

UTC Date (dd|mmm|yyyy) 15-03-22

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken						Sample Lists: Custom Samples						Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				Save sheet after printing labels: YES
1		664	300	✓	301		x												
2		665	200	✓	201		x												
3		666	150	✓	151									xx					
4		667	150	✓			x	xx											
5		668	125	✓	124		x												
6		669	100	✓	101										xx				
7		670	100	✓										xx					
8		671	100	✓			x	xx											
9		672	75	✓	75.8		x	xx											
10		673	50	✓	50										xx				
11		674	50	✓										xx					
12		675	50	✓			x	xx	xx										
13		676	25	✓	25									xx					
14		677	25	✓			xx	xx	xx										
15		678	25	✓											xx				
16		679	5	✓	5				xx										
17		680	5	✓											xx				
18		681	5	✓									x						
19		682	5	✓							xx								
20		683	5	✓			x	xx	xx	xx									
21		684	5	✓										xx					
22																			
23																			
24																			

Version: 4MAR2024

Transmittance (400-1000 nm) = 0.000

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Cindy Wright

Bottom Depth3529 m

Transmisso Cyesno

Time	UTC	Local
Start	23:26:16	
Bottom	23:31:26	
End	23:45:36	

Positional Information

Start

Lat:53° 55.84 N N

Lon:143° 59.19 W W

Bottom

Lat:53° 55.84 N N

Lon:143° 59.18 W W

End

Lat:53° 55.79 N N

Lon:143° 59.04 W W

Extra comments:

less than 2m swell

Cruise ID: 2022_02

Station: 51-132

Event #: 147

Ship: Franklin

UTC Date (dd|mmm|yyyy) 19-03-22

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Custom_Samples								Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	NUT-F	CHL	HPLC	HPLC-2	FCM	POM-C&N	POM-FA	LIGAND	eDNA				Save sheet after printing labels:	
																				YES
1		709	300	✓	301		x													
2		710	200	✓	200.9		x													
3		711	150	✓	150									xx						
4		712	150	✓			x	xx												
5		713	125	✓	125.7		xx													
6		714	100	✓	101										xx					
7		715	100	✓										xx						
8		716	100	✓			x	xx												
9		717	75	✓	75		x	xx												
10		718	50	✓	50										xx					
11		719	50	✓										xx						
12		720	50	✓			x	xx	xx											
13		721	25	✓	25.7									xx						
14		722	25	✓			x	xx	xx											
15		723	25	✓											xx					
16		724	5	✓	5					xx										
17		725	5	✓											xx					
18		726	5	✓									x							
19		727	5	✓							xx									
20		728	5	✓			x	xx	xx		xx									
21		729	5	✓										xx						
22																				
23																				
24																				

Profile type: ROS

ROS TRM X-Niskin other?

Watchkeeper(s): Cindy Wright

Bottom Depth 2870 m

Transmissioyesno

Time	UTC	Local
Start	16:50:26	
Bottom	16:55:19	
End	17:09:46	

Positional Information

Lat: 50° 57.03 N N

Lon: 132° 6.67 W W

Lat: 50° 57.05 N N

Lon: 132° 6.67 W W

Lat: 50° 57.05 N N

Lon: 132° 6.53 W W

Extra comments:

2.5m long period mixed swell