

Water Properties Group

Program
STN List: Mooring

Sampling Log

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

Cruise ID:

2022-069

Station:

DIX1

Event #:

70

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

20 JUL 22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists:				All_Samples				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC				
1		228	b-5	✓ 260									xxx				
2		229	b-5	✓ 260			xx		x	xx	x	x					
3		230	b-5	✓ 260		x											
4		231	200	✓ 200		xx											
5		232	150	✓ 151		x											
6		233	100	✓ 101		x											
7		234	75	✓ 75		x											
8		235	50	✓ 50		x	x		xx	x	x	x					
9		236	30	✓ 30		x											
10		237	20	✓ 20		x		xx									
11		238	10	✓ 10		x		x									
12		239	5	✓ 5		x		x									
13		240	0	✓ 0.8		x		x									
14		241	0	✓ 2.2			x		x	x	x	x					
15		242	0	✓ 2.4									xxx				
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 265

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

Par Status: On / Off

Time	UTC	Local
Start	1811	1111
Bottom	1816	1116
End	1836	

Positional Information

Start	Lat: 54 ° 25.646	N
	Lon: 131 ° 30.973	W

Bottom	Lat: 54 ° 25.641	N
	Lon: 131 ° 30.976	W

End	Lat: 54 ° 25.602	N
	Lon: 131 ° 30.955	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists:					All_Samples					Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC								
			✓																		
1	1	243	b-5	362									xxx								
2	2	244	b-5	362			x		x	x	x	x									
3	3	245	b-5	362	x	x															
4	4	246	300	300	xx	x															
5	5	247	250	250	x	x															
6	6	248	200	200	x	xx															
7	7	249	150	151	x	x															
8	8	250	100	100	x	x															
9	9	251	75	75	x	x															
10	10	252	50	51	x	x															
11	11	253	50	51			x		x	x	x	x									
12	12	253	30	31	xx	x													9253		
13	13	254	20	21	x	xx		x													
14	14	255	10	10	x	x		xx													
15	15	256	5	5.2	x	x		x													
16	16	257	0	1.9	x	x		x													
17	17	258	0	1.9			x		xx	xx	x	x									
18	18	259	0	1.9									xxx								
19																					
20																					
21																					
22																					
23																					
24																					

Profile type:

ROS

Watchkeeper(s):

CM

Bottom Depth:

364

Trans Clean:

Y / N

Fl. Clean:

Y / N

Par Status:

On / Off

Time

UTC

Local

Start

0443

Bottom

0451

End

0519

Positional Information

Start

Lat: 54 ° 28.735 N

Lon: 132 ° 18.012 W

Bottom

Lat: 54 ° 28.710 N

Lon: 132 ° 18.080 W

End

Lat: 54 ° 28.690 N

Lon: 132 ° 18.420 W

Extra comments:

Note bottle 12

sample 9253.

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples								Comments	
			Target	Confirmed	Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC						
			Pressure	√																Pressure
1	1	260	b-5		276									xxx						
2	2	261	b-5		277			x		x	x	x	x							
3	3	262	b-5		276	xx	x													
4	4	263	250		250	x	x													
5	5	264	200		200	x	x													
6	6	265	150		150	x	xx													
7	7	266	100		100	x	x													
8	8	267	75		75	x	x													
9	9	268	50		50	xx	x													
10	10	269	50		50			x		x	x	x	x							
11	11	270	30		31	x	x													
12	12	271	20		20	x	xx		x											
13	13	272	10		10	x	x		xx											
14	14	273	5		5	x	x		x											
15	15	274	0		2.2	x	x		x											
16	16	275	0		2.5			x		x	x	x	x							
17	17	276	0		2.0									xxx						
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Profile type: ROS

Watchkeeper(s): Hannah

Bottom Depth: 280

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

Par Status: On / Off

Time	UTC	Local
Start	07 01	
Bottom	07 07	
End	07 30	

Positional Information

Lat: 54 ° 25.430	N
Lon: 131 ° 56.880	W

Lat: 54 ° 25.420	N
Lon: 131 ° 36.912	W

Lat: 54 °	N
Lon: 131 °	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists: All_Samples				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC			
1	1	277	130	b-5									xxx			
2	2	278	130	b-5			x		x	x	x	x				
3	3	279	130	b-5		x										
4	4	280	100	100		xx										
5	5	281	75	75		x										
6	6	282	50	50		x	x		x	x	x	x				
7	7	283	30	30		x										
8	8	284	21	20		x		x								
9	9	285	10	10		x		x								
10	10	286	5	5		x		x								
11	11	287	0	0		x		xx								
12	12	288	2	0			x		xx	xx	x	x				
13	13	289	2	0									xxx			
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): CH

Bottom Depth:

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

Par Status: On / Off

Time UTC Local

Start 1253 0553

Bottom 1257

End 1312

Positional Information

Start Lat: 54 ° 20.450 N

Start Lon: 130 ° 49.810 W

Bottom Lat: 54 ° 20.450 N

Bottom Lon: 130 ° 49.810 W

End Lat: 54 ° 20.492 N

End Lon: 130 ° 49.774 W

Extra comments:

Water Properties Group

Program
STN List:

Mooring

Sampling Log

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

Cruise ID:

2022-069

Station:

CH16

Event #:

109

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

21-JUL-2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: All_Samples				Comments			
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC	Save sheet after printing labels: YES		
1		290	b-5	✓ 214									xxx			
2		291	b-5	✓			x		x	x	x	x				
3		292	b-5	✓		x										
4		293	150	✓		x										
5		294	100	✓		x										
6		295	75	✓		x										
7		296	50	✓		x	x		x	x	x	x				
8		297	30	✓		xx										
9		298	20	✓		x		x								
10		299	10	✓		x		x								
11		300	5	✓		x		xx								
12		301	0	✓ 1.8		x		x								
13		302	0	✓			x		xx	xx	x	x				
14		303	0	✓									xxx			
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 216

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

Par Status: On / Off

Time UTC Local

Start 1419

Bottom 1422

End 1438

Positional Information

Lat: 54° 19.865 N

Lon: 130° 37.49 W

Lat: ° N

Lon: ° W

Lat: ° N

Lon: ° W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: All_Samples					Comments				
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC	DIC	Save sheet after printing labels: YES				
1		304	b-5	✓ 160									xxx						
2		305	b-5	✓			x		x	x	x	x							
3		306	b-5	✓	x	x													
4		307	100	✓	x	x													
5		308	75	✓	xx	x													
6		309	50	✓	x	x								xx					
7		310	50	✓			x		x	x	x	x							
8		311	40	✓										xx					
9		312	30	✓	x	x								xx					
10		313	20	✓	x	x		x											
11		314	10	✓	x	xx		xx											
12		315	5	✓	x	x		x											
13		316	0		x	x		x											
14		317	0				x		xx	xx	x	x							
15		318	0										xxx						
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 165

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

Par Status: On / Off

Time	UTC	Local
Start	1715	
Bottom	1718	
End	1730	

Positional Information

Start Lat: 54° 31.628 N

Start Lon: 130° 22.483 W

Bottom Lat: ° N

Bottom Lon: ° W

End Lat: ° N

End Lon: ° W

Extra comments:

Water Properties Group

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

Cruise ID:

2022-069

Program
STN List:

Mooring

Station:

CH02

Sampling Log

Event #:

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

Comments

Save sheet after printing labels:

YES

Profile type:

ROS

Watchkeeper(s):

SP

Bottom Depth:

332

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

Par Status: On / Off

Time UTC Local

Start 2018

Bottom 2024

End 2045

Positional Information

Start Lat: 54° 33.683' N
Lon: 130° 37.657' W

Bottom Lat: ° N
Lon: ° W

End Lat: ° N
Lon: ° W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation	Target Pressure	Confirmed Pressure	Sampler's Initials / Samples Taken	CHL	TOC	DOC	CDOM	O18	SPC	All Samples	Comments
1		319	329	✓	b-5			x	x	x	x			
2		320		✓	b-5		x							
3		321		✓	b-5		x							
4	17	322		✓	250		x							bottle #
5		323		✓	200		x							L fired at
6		324		✓	150		xx							329
7		325		✓	100		x							250 = bot + 17
8		326		✓	75		x							
9		327		✓	50		x	x		x	x	x		
10		328		✓	30		x							
11		329		✓	20		xx		xx					
12		330		✓	10		x		x					
13		331		✓	5		x		x					
14		332		✓	0		x			xx	xx	x	x	
15		333		✓	0			x					xxx	
16		334		✓	0									
17														
18														
19														
20														
21														
22														
23														
24														

Water Properties Group

Program
STN List:

Mooring

Sampling Log

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

Cruise ID:

2022-069

Station:

KH1

Event #:

117

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

21 JUL 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: All Samples						Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC				
1		335	b-5	✓									xxx				
2		336	b-5	✓			x		x	xx	x	x					
3		337	b-5	✓		x											
4		338	100	✓		x											
5		339	75	✓		x											
6		340	50	✓		xx											
7		341	50	✓			x		xx	x	x	x					
8		342	40	✓													
9		343	30	✓		x											
10		344	20	✓		x		x									
11		345	10	✓		x		x									
12		346	5	✓		x		xx									
13		347	0	✓		x		x									
14		348	0	✓			x		x	x	x	x					
15		349	0	✓									xxx				
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s):

SP

Bottom Depth:

119

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

Par Status: On / Off

Time UTC Local

Start 2328

Bottom 2331

End 2340

Positional Information

Lat: 54° 42.692 N

Lon: 13° 9.017 W

Start

Bottom

Lat: ° N

Lon: ° W

End

Lat: ° N

Lon: ° W

Extra comments:

Water Properties Group

Program
STN List:

Mooring

Sampling Log

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

Cruise ID:

2022-069

Station:

KH3

Event #:

119

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

22-JUL-2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: All_Samples		Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC				
1		350	b-5	✓ 36.7									xxx				
2		351	b-5	✓		x	x		x	x	x	x					
3		352	b-5	✓		x											
4		353	20	✓		x		x									
5		354	10	✓		x		x									
6		355	5	✓		x		xx									
7		356	0			x		x									
8		357	0				x		xx	xx	xx	xx					
9		358	0										xxx				
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 61

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

Par Status: On / Off

Time UTC Local

Start 0129

Bottom 0130

End 0136

Positional Information

Start Lat: 54° 39.08' N

Lon: 130° 3.668' W

Bottom Lat: ° N

Lon: ° W

End Lat: ° N

Lon: ° W

Extra comments:

Water Properties Group

Program
STN List:

Mooring

Sampling Log

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

Cruise ID:

2022-069

Station:

PI4

Event #:

120

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

22 JUL 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:		All Samples		Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC	Nut-C					
1	1	359	b-5	447															Save sheet after printing labels: YES
2	2	360	b-5	447			x		x	x	x	x							
3	3	361	b-5	447		x													
4	4	362	400	400		x								x					
5	5	363	350	350		x								xx					
6	6	364	300	300		x													
7	7	365	250	251		xx													
8	8	366	200	200		x													
9	9	367	150	150		x													
10	10	368	100	100		x													
11	11	369	75	75		x													
12	12	370	50	50		xx	x		x	x	x	x							
13	13	371	30	31		x													
14	14	372	20	20		x		x											
15	15	373	10	11		x		xx											
16	16	374	5	5		x		x											
17	17	375	0	2		x		x											
18	18	376	0	2			x		xx	xx	x	x							
19	19	377	0	2									xx						
20													xxx						
21																			
22																			
23																			
24																			

Profile type:

ROS

Watchkeeper(s):

CH

Bottom Depth:

450

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

Par Status: On / Off

Time

UTC

Local

Start

0402

2104

Bottom

0411

End

0436

Positional Information

Start

Lat: 54 ° 49.564 N

Lon: 130 ° 14.921 W

Bottom

Lat: 54 ° 49.596 N

Lon: 130 ° 14.954 W

End

Lat: 54 ° 49.596 N

Lon: 130 ° 14.961 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: All Samples					Comments				
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC						Save sheet after printing labels: YES
1	1	378	b-5	299									xxx						
2	2	379	b-5	299			x		x	x	x	x							
3	3	380	b-5	299		x													
4	4	381	100	100		x													
5	5	382	75	75		x													
6	6	383	50	50		x	x		x	x	x	x							
7	7	384	30	30		xx													
8	8	385	20	20		x		xx											
9	9	386	10	10		x		x											
10	10	387	5	5		x		x											
11	11	388	0	2		x		x											
12	12	389	0	2			x		xx	xx	x	x							
13	13	390	0	2									xxx						
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): CH

Bottom Depth: 301

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

Par Status: On / Off

Time UTC Local

Start 0704 0004

Bottom 0711

End 0731

Positional Information

Start Lat: 55 ° 0.19 N Lon: 130 ° 8.543 W

Bottom Lat: 55 ° 0.18 N Lon: 130 ° 8.564 W

End Lat: 55 ° 0.221 N Lon: 130 ° 8.665 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: All_Samples					Comments		
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC				Save sheet after printing labels: YES
1	1	391	b-5	249									xxx				
2	2	392	b-5	249			x		x	x	x	x					
3	3	393	b-5	249		x											
4	4	394	100	101		x											
5	5	395	75	75		x											
6	6	396	50	50		x	x		x	x	x	x					
7	7	397	30	30		xx											
8	8	398	20	20		x		x									
9	9	399	10	10		x		x									
10	10	400	5	5		x		x									
11	11	401	0	2		x		xx									
12	12	402	0	2			x		xx	xx	x	x					
13	13	403	0	2									xxx				
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): CH

Bottom Depth: 252

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

Par Status: On / Off

Time

UTC

Local

Start

10 57

Bottom

11 04

0404

End

11 19

Positional Information

Start

Lat: 55 ° 18.98

N

Lon: 129 ° 59.444

W

Bottom

Lat: 55 ° 18.995

N

Lon: 129 ° 59.456

W

End

Lat: 55 ° 18.967

N

Lon: 129 ° 59.477

W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		All Samples				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC				
1		404	b-5	✓									xxx				
2		405	b-5	✓			x		x	x	x	x					
3		406	b-5	✓		x											
4		407	100	✓		xx											
5		408	75	✓		x											
6		409	50	✓		x	x		x	x	x	x					
7		410	30	✓		x											
8		411	20	✓		x		x									
9		412	10	✓		x		x									
10		413	5	✓		x		xx									
11		414	0			x		x									
12		415	0				x		xx	xx	x	x					
13		416	0										xxx				
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): SP

Bottom Depth: 297

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

Par Status: On / Off

Time	UTC	Local
Start	1707	
Bottom	1713	
End	1728	

Positional Information

Lat: 55° 48.904 N

Lon: 130° 5.887 W

Start

Bottom

End

Lat: ° N

Lon: ° W

Lat: ° N

Lon: ° W

Extra comments:

Water Properties Group

Program
STN List:

Mooring: 294

Sampling Log

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

Cruise ID:

2022-069

Station:

MT05

Event #:

138

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

03/06/2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: All_Samples						Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC				
1	1	417	b-5	✓ 261									xxx				
2	2	418	b-5	✓ 261			x		x	x	x	x					
3	3	419	b-5	✓ 261	x	x											
4	4	420	200	✓ 199	x	x											
5	5	421	150	✓ 149	x	xx											
6	6	422	100	✓ 100	x	x											
7	7	423	75	✓ 75	x	x											
8	8	424	50	✓ 50	x	x											
9	9	425	50	✓ 50			x		x	x	x	x					
10	10	426	30	✓ 30	xx	x											
11	11	427	20	✓ 20	x	xx		x									
12	12	428	10	✓ 10	x	x		x									
13	13	429	5	✓ 5	x	x		xx									
14	14	430	0	✓ 1.5	x	x		x									
15	15	431	0	✓ 1.5			x		xx	xx	x	x					
16	16	432	0	✓ 1.5									xxx				
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): 4P

Bottom Depth: 264

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

Par Status: On / Off

Time UTC Local

Start 1903

Bottom 1915

End 1930

Positional Information

Lat: 52° 40.540 N

Lon: 129° 59.230 W

Lat: 52° 40.540 N

Lon: 129° 59.230 W

Lat: 52° 40.540 N

Lon: 129° 59.240 W

Extra comments:

Water Properties Group

Program
STN List:

Mooring

Sampling Log

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

Cruise ID:

2022-069

Station:

MT11B

Event #:

144

Ship:

JP Tully

UTC Date (dd|mmm|yyyy):

24 JUL 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: All_Samples					Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	TOC	DOC	CDOM	O18	SPC		Save sheet after printing labels: YES	
1	1	433	b-5	1001									xxx			
2	2	434	b-5	1001			x		x	x	x					
3	3	435	b-5	1002	x	x										
4	4	436	750	751	x	x										
5	5	437	500	500	x	xx										
6	6	438	400	400	x	x										
7	7	439	300	300	xx	x										
8	8	440	250	250	x	x										
9	9	441	200	200	x	x										
10	10	442	150	150	x	x										
11	11	443	100	100	x	x										
12	12	444	75	76	xx	x										
13	13	445	50	50	x	xx										
14	14	446	50	50			x		x	x	x	x				
15	15	447	30	30	x	x										
16	16	448	20	20	x	x		x								
17	17	449	10	10	x	x		x								
18	18	450	5	5	x	x		xx								
19	19	451	0	2.4	x	x		x								
20	20	452	0	2.5			x		xx	x	x	x	x			
21	21	453	0	2.2									xxx			
22																
23																
24																

Profile type: ROS

Watchkeeper(s): CM

Bottom Depth: 999

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

Par Status: On / Off

Time	UTC	Local
Start	0431	2131
Bottom	0450	
End	0524	

Positional Information

Start Lat: 51 ° 41.996 N
Lon: 130 ° 33.247 W

Bottom Lat: 51 ° 42.000 N
Lon: 130 ° 33.202 W

End Lat: 51 ° 41.951 N
Lon: 130 ° 33.158 W

Extra comments:
Did not drop
bottle 21.
No SPC taken