

Cruise ID: 2022-071

Station: SC-04

Event #: 2

Ship: Strickland

UTC Date (dd mmm yyyy): 16 Aug 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: All_Samples								Comments	
			Target	Confirmed	HPLC	Nut-F	Lugol's	CHL										
			Pressure	✓ Pressure														
1		1	0	✓ 0	xx	xx	x	xx										forgot Lugol's
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: BOT

Watchkeeper(s): LH/NF/JJ

Bottom Depth: 97

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

Par Status: On / Off

Time	UTC	Local
Start	18:00	18:00
Bottom		
End		

Positional Information

StartLat: 44 ° 43.67 N

StartLon: 123 ° 25.017 W

BottomLat: ° N

BottomLon: ° W

EndLat: ° N

EndLon: ° W

Extra comments:

CTD = event 1

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2022-071

Station:

46

Event #:

4+5

Ship:

Strickland

UTC Date (dd mmm yyyy):

16 AUG 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: All_Samples				Comments	
			Target Pressure	Confirmed ✓ Pressure	HPLC	Nut-F	Sal	CHL					Save sheet after printing labels: YES	
1		2	Bot-5	(*) 180		x	xx						event 4	
2		3	0		xx	xx	x	xx	x				event 5	phyto missed from SL-04 => sampled from 46 instead.
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

CTD/BOT +
Profile type: BOT
Watchkeeper(s): LH/NF/JS

Bottom Depth: 184
Trans Clean: Y / N Fl. Clean: (Y) / N
Par Status: On / Off

Time	UTC	Local
Start	20:26	13:26
Bottom	20:32	13:32
End	20:42	13:42

Positional Information
Start
Lat: 48 ° 51.477 N
Lon: 123 ° 10.975 W

Bottom
Lat: 48 ° 51.371 N
Lon: 123 ° 10.970 W

End
Lat: 44 ° 51.376 N
Lon: 123 ° 10.426 W

Extra comments:
CTD event # 4
Bottom Niskin attached directly above CTD
(so < 1m?)

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-071 Station: 46-chito Event #: 7 Ship: Strickland UTC Date (dd mmm yyyy): 16 Aug 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: All_Samples						Comments
			Target Pressure	Confirmed	Chito	Chito										Save sheet after printing labels: final winch = 158 YES	
				✓ Pressure													
1		4	5	✓ 5	xxxxxx	x											winch: 150m - attach bot 5
2		5	10	✓ 10	xxxxxx	x											winch: 145m - attach bot 4
3		6	20	✓ 20	xxxxxx	x											winch: 135m - attach bot 3
4		7	50	✓ 50	xxxxxx	x											winch: 105m - attach bot 2
5		8	150	✓ 150	xxxxxx	x											winch: 5m - attach bot 1
6																	CTD = 0m*. Go down 5m
7																	* all readings done
8																	with equipment at rail
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: BOT

Watchkeeper(s): SS/NF/LH

Bottom Depth: 177

Trans Clean: FI. Clean: yes

Par Status: OFF

Time	UTC	Local
Start	21:15	14:25
Bottom	21:25	14:25
End	21:46	14:46

Positional Information

StartLat: 48° 51.376

StartLon: 123° 10.989

BottomLat: 48° 51.375

BottomLon: 123° 10.990

EndLat: 48° 51.376

EndLon: 123° 10.906

Extra comments:

Chito

add 3m for rail height at end so final winch reading is 158m, not 155

Had to send 2nd MR for last bottle that didn't fire

Water Properties Group

Program
STN List: All_Stns

Sampling Log

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

Cruise ID: 2022-071

Station: 42

Event #: 869

Ship: Strickland

UTC Date (dd mmm yyyy): 16 Aug 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: All_Samples					Comments	
			Target Pressure	Confirmed ☒ Pressure	HPLC	Nut-F	Lugol's	Sal	CHL						Save sheet after printing labels: YES	
1		9	Bot-5			xx		xx								ev8
2		10	0			xx	x	x	xx	xx						ev9
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: BOT

Watchkeeper(s): JS/LH/NE

Bottom Depth: 324

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

Par Status: On / Off

Time	UTC	Local
Start	2328	1628
Bottom	2336	1636
End	2347	1647

Positional Information

StartLat: 49 ° 01.787 N

StartLon: 123 ° 26.279 W

BottomLat: 49 ° 01.724 N

BottomLon: 123 ° 26.344 W

EndLat: 49 ° 01.790 N

EndLon: 123 ° 26.252 W

Extra comments:

Cruise ID: 2022-071

Station: 42 - chito

Event #: 11

Ship: Strickland

UTC Date (dd mmm yyyy): 17 Aug 2022

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken						Sample Lists: All_Samples						Comments	
			Target Pressure	Confirmed														Save sheet after printing labels: final winch = 258m YES	
				√	Pressure	Chito	Chito												
1		11	5			xxxxxx	x											winch: 250m - attach bot 6	
2		12	10			xxxxxx	x											winch: 245m - attach bot 5	
3		13	20			xxxxxx	x											winch: 235m - attach bot 4	
4		14	50			xxxxxx	x											winch: 205m - attach bot 3	
5		15	150			xxxxxx	x											winch: 105m - attach bot 2	
6		16	250			xxxxxx	x											winch: 5m - attach bot 1	
7																		CTD = 0m*. Go down 5m	
8																		* all readings done	
9																		with equipment at rail	
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: BOT

Watchkeeper(s): SS/LH/DF

Bottom Depth: 321

Trans Clean: Fl. Clean: ✓

Par Status:

Time	UTC	Local
Start	0017	1717
Bottom	0033	1733
End	0050	1750

Positional Information

StartLat: 49° 01.873

StartLon: 123° 26.171

BottomLat: 49° 01.847

BottomLon: 123° 26.470

EndLat: 49° 01.883

EndLon: 123° 26.764

Extra comments:

Chito

add 3m @ end for rail height so final winch reading = 258m (not 255)

Cruise ID: 2022-071

Station: GEO1

Event #: 18th 19

Ship: Strickland

UTC Date (dd mmm yyyy): 17 AUG 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: All_Samples				Comments			
			Target	Confirmed	HPLC	Nut-F	Lugol's	Sal	CHL								
			Pressure	✓ Pressure													
1	1	17	Bot-5	(*) 403		xx		xx									done w/ CTD event 18
2	2	18	0	0	xx	xx	x	x	xx								after CTD event 19
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: BOT

Watchkeeper(s): JS/CH/NE

Bottom Depth: 408

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

Par Status: On / Off

Time	UTC	Local
Start	18:09	11:09
Bottom	18:19	11:19
End	18:34	11:34

Positional Information

Start	Lat: 49 ° 14.870	N
	Lon: 123 ° 45.01	W
Bottom	Lat: 49 ° 14.643	N
	Lon: 123 ° 45.817	W
End	Lat: 49 ° 14.674	N
	Lon: 123 ° 44.814	W

Extra comments:

CTD event 18

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2022-071 Station: GEO1 - chito Event #: 2221 Ship: Strickland UTC Date (dd mmm yyyy): 17 AUG 2022

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: All_Samples						Comments
			Target Pressure	Confirmed Pressure	Chito	Chito											
1		19	5	✓ 5	xxxxxx	x											winch: 350m - attach bot 7
2		20	10	✓ 10	xxxxxx	x											winch: 345m - attach bot 6
3		21	20	✓ 20	xxxxxx	x											winch: 335m - attach bot 5
4		22	50	✓ 50	xxxxxx	x											winch: 305m - attach bot 4
5		23	150	✓ 150	xxxxxx	x											winch: 205m - attach bot 3
6		24	250	✓ 250	xxxxxx	x											winch: 105m - attach bot 2
7		25	350	✓ 350	xxxxxx	x											winch: 5m - attach bot 1
8																	CTD = 0m*. Go down 5m
9																	* all readings done
10																	with equipment at rail
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: BOT

Watchkeeper(s): JS/LH/NP

Bottom Depth: 406

Trans Clean: Fl. Clean: X

Par Status:

Time	UTC	Local
Start	19:07	12:07
BO	19:26	12:26
End	19:45	12:45

Positional Information

Lat: 49° 14.870

Lon: 123° 44.747

Lat: 49° 14.421

Lon: 123° 44.495

Lat: 49° 13.997

Lon: 123° 44.285

Extra comments:

Chito

+ 3m for rail height at end so final winch reading is 358m, not 355m