

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: JF2 Event #: 111 Ship: Tully UTC Date (dd mmm yyyy): 19 FEB 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ✓ Pressure	Oxy	Sal	Nut-F	Chl	HPLC	DIC					
1	1	616	Bot-5	✓ 182	x		x x			x					
2	2	617	150	✓ 150	x		x			x					
3	3	618	125	✓ 125	x		x			x x					
4	4	619	100	✓ 100	x x		x			x					
5	5	620	75	✓ 75	x		x			x					
6	6	621	50	✓ 50	x		x x			x					
7	7	622	40	✓ 40	x		x			x x					
8	8	623	30	✓ 30	x		x			x					
9	9	624	20	✓ 20	x		x	x x		x					
10	10	625	10	✓ 10	x x		x	x x		x					
11	11	626	5	✓ 5	x	x	x			x					
12	12	627	0	✓ 0.7	x		x	x x	x x	x					
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

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

Watchkeeper(s): MS/JS

Bottom Depth: 187 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1133	0333
Bottom	1136	
End	1150	

Positional Information

Start Lat: 48 ° 17 90 N
Lon: 124 ° 0 05 W

Bottom Lat: 48 ° 17 89 N
Lon: 124 ° 0 07 W

End Lat: 48 ° 17 87 N
Lon: 124 ° 0 18 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: Haro 59 Event #: 112 Ship: Tully UTC Date (dd mmm yyyy): 19 FEB 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC	Phyto						
1	1	628	Bot-5	✓ 225	x		x		x								
2	2	629	200	✓ 200	x		x		xx								
3	3	630	175	✓ 175	x		x										
4	4	631	150	✓ 150	xx		xx		x								
5	5	632	125	✓ 125	x		x										
6	6	633	100	✓ 100	x		x		x								
7	7	634	75	✓ 75	x		x		x								
8	8	635	50	✓ 50	x		x		x								
9	9	636	40	✓ 40	x		xx										
10	10	637	30	✓ 30	x		x		x								
11	11	638	20	✓ 20	x		x	xx	x								
12	12	639	10	✓ 10	x		x	xx	x								
13	13	640	5	✓ 5	x	x	x		xx								
14	14	641	0	✓ 0	xx		x	xx	x	xx	x						
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): MBBottom Depth: 235 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	1647	0847
Bottom	1651	
End	1706	

Positional Information
Start
Lat: 48° 36 84 N
Lon: 123° 14 81 WBottom
Lat: 48° 36 84 N
Lon: 123° 14 81 WEnd
Lat: 48° 36 84 N
Lon: 123° 14 94 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: 56 Event #: 114 Ship: Tully UTC Date (dd mmm yyyy): 19 2 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ☒ Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC	Phyto				
1	1	642	Bot-5	✓ 220	x		xx								
2	2	643	200	✓ 200	xx		x								
3	3	644	175	✓ 175	x		x								
4	4	645	150	✓ 150	x		x								
5	5	646	125	✓ 125	x		x								
6	6	647	100	✓ 100	x		x								
7	7	648	75	✓ 75	x		xx								
8	8	649	50	✓ 50	x		x								
9	9	650	40	✓ 40	x		x								
10	10	651	30	✓ 30	xx		x								
11	11	652	20	✓ 20	x		x	xx							
12	12	653	10	✓ 10	x		x	xx							
13	13	654	5	✓ 5	x	x	x								
14	14	655	0	✓ 1	x		x	xx		xx	x				
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): DY/TVBottom Depth: 223 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	2000	1200
Bottom	2006	
End	2024	

Positional Information
Start
Lat: 48° 46.24 N
Lon: 123° 1.77 WBottom
Lat: 48° 46.24 N
Lon: 123° 1.78 WEnd
Lat: 48° 46.25 N
Lon: 123° 1.81 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: 46 Event #: Ship: Tully UTC Date (dd mmm yyyy): 19 2 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ✓ Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC					
1	✓	656	Bot-5	✓ 182	x		x								
2	2	657	150	✓ 150	x		x x								
3	3	658	125	✓ 125	x x		x								
4	4	659	100	✓ 100	x		x								
5	5	660	75	✓ 74	x		x								
6	6	661	50	✓ 50	x		x								
7	7	662	40	✓ 40	x x		x								
8	8	663	30	✓ 30	x		x								
9	9	664	20	✓ 19	x		x	x x							
10	10	665	10	✓ 10	x		x	x x							
11	11	666	5	✓ 5	x	x	x x								
12	12	667	0	✓ 1	x		x	x x		x x					
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

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

Bottom Depth: 187 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	0201	1401
Bottom	2206	
End	2241	

Positional Information
Start
Lat: 48 ° 51.32 N
Lon: 123 ° 10.55 W

Start

Bottom

Lat: 48 ° 51.21 N
Lon: 123 ° 10.52 W

End

Lat: 48 ° 51.06 N
Lon: 123 ° 10.38 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID:

2017-01

Station:

42

Event #:

Ship:

Tully

UTC Date (dd mmm yyyy):

20 2 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC	Phyto				
1	1	668	Bot-5	✓	314	x		x	x						
2	2	669	300	✓	300	x		x	xx						
3	3	670	250	✓	250	x		x	x						
4	4	671	200	✓	200	x		x	x						
5	5	672	175	✓	175	x		xx							
6	6	673	150	✓	150	x		x	x						
7	7	674	125	✓	124	xx		x	x						
8	8	675	100	✓	100	x		x	x						
9	9	676	75	✓	75	x		x	xx						
10	10	677	50	✓	50	x		x	x						
11	11	678	40	✓	40	x		x	x						
12	12	679	30	✓	30	x		x	x						
13	13	680	20	✓	20	x		xx	xx	x					
14	14	681	10	✓	10	xx		x	xx	x					
15	15	682	5	✓	5	x	x	x	x						
16	16	683	0	✓	2	x		x	xx	x	xx	x			
17															
18															
19															
20															
21															
22															
23															
24															

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s):

DY/TU

Bottom Depth: 318 m

Transmisso Cleaned: Y / N

Time

UTC

Local

Start

0040

1640

Bottom

0048

End

0109

Positional Information

Lat: 49 ° 1.68 N

Lon: 123 ° 26.26 W

Lat: 49 ° 1.72 N

Lon: 123 ° 26.23 W

Lat: 49 ° 1.75 N

Lon: 123 ° 26.12 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID:

2017-01

Station:

39

Event #:

119

Ship:

Tully

UTC Date (dd mmm yyyy): 20 2 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ☒ Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC					
1	1	684	Bot-5	✓ 369	x		x								
2	2	685	350	✓ 350	x x		x								
3	3	686	300	✓ 300	x		x x								
4	4	687	250	✓ 250	x		x								
5	5	688	200	✓ 200	x		x								
6	6	689	175	✓ 175	x		x								
7	7	690	150	✓ 150	x		x								
8	8	691	125	✓ 124	x		x								
9	9	692	100	✓ 100	x		x								
10	10	693	75	✓ 75	x		x								
11	11	694	50	✓ 50	x x		x								
12	12	695	40	✓ 40	x		x x								
13	13	696	30	✓ 30	x		x								
14	14	697	20	✓ 20	x		x	x x							
15	15	698	10	✓ 10	x		x	x x							
16	16	699	5	✓ 5	x	x	x								
17	17	700	0	✓ 2	x		x	x x		x x					
18															
19															
20															
21															
22															
23															
24															

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

Bottom Depth: 374 m
Transmisso Cleaned: ☒ Y / N

Time	UTC	Local
Start	0219	1819
Bottom	0229	
End	0250	

Positional Information

Lat:	49 ° 9.80	N
Lon:	123 ° 33.06	W

Start

Bottom

End

Lat: 49 ° 9.79 N
Lon: 123 ° 33.06 W

Lat: 49 ° 9.79 N
Lon: 123 ° 33.04 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: GE01 Event #: 120 Ship: Tully UTC Date (dd mmm yyyy): 20 2 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC	Phyto				
1	1	701	Bot-5	✓ 394			x								
2	2	702	200	✓ 200			x								
3	3	703	100	✓ 100			x								
4	4	704	75	✓ 75			x								
5	5	705	50	✓ 50			x								
6	6	706	40	✓ 40			x								
7	7	707	30	✓ 30			x								
8	8	708	20	✓ 20			x	xx							
9	9	709	10	✓ 10			x	xx							
10	10	710	5	✓ 5		x	x								
11	11	711	0	✓ 2			xx	xx		xx	x				
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): DY/TUBottom Depth: 398 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	0405	2005
Bottom	0415	
End	0433	

Positional Information
Start
Lat: 49 ° 15.04 N
Lon: 123 ° 44.96 WBottom
Lat: 49 ° 15.06 N
Lon: 123 ° 44.96 WEnd
Lat: 49 ° 15.05 N
Lon: 123 ° 44.93 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID:

2017-01

Station:

27

Event #:

124

Ship:

Tully

UTC Date (dd mmm yyyy): 20 2 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed ☒ Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC					
1	1	712	Bot-5	✓ 340	x		x		x						
2	2	713	300	✓ 300	x		x		xx						
3	3	714	250	✓ 250	x		xx		x						
4	4	715	200	✓ 200	x		x		x						
5	5	716	175	✓ 175	x		x								
6	6	717	150	✓ 150	x		x		x						
7	7	718	125	✓ 125	x		x		x						
8	8	719	100	✓ 100	x		x		x						
9	9	720	75	✓ 75	xx		x		x						
10	10	721	50	✓ 50	x		x		x						
11	11	722	40	✓ 40	x		xx		x						
12	12	723	30	✓ 30	x		x		x						
13	13	724	20	✓ 20	x		x	xx	xx						
14	14	725	10	✓ 10	x		x	xx	x						
15	15	726	5	✓ 5	xx	x	x		x						
16	16	727	0	✓ 1	x		x	xx	x	xx					
17															
18															
19															
20															
21															
22															
23															
24															

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

Bottom Depth: 343 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0619	2219
Bottom	0627	
End	0649	

Positional Information

Lat:	49° 19.12	N
Lon:	123° 48.01	W

Start

Lat: 49° 19.11 N
Lon: 123° 48.03 W

Bottom

Lat: 49° 19.13 N
Lon: 123° 47.99 W

End

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01

Station: 2

Event #: 125

Ship: Tully

UTC Date (dd mmm yyyy): 26 Feb 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-F	Chl	HPLC	Phyto					
1	1	728	Bot-5	✓ 275	x		x								
2	2	729	250	✓ 250	x x		x								
3	3	730	200	✓ 200	x		x								
4	4	731	175	✓ 176	x		x								
5	5	732	150	✓ 150	x x		x								
6	6	733	125	✓ 125	x		x x								
7	7	734	100	✓ 100	x		x								
8	8	735	75	✓ 75	x		x								
9	9	736	50	✓ 50	x		x								
10	10	737	40	✓ 40	x		x								
11	11	738	30	✓ 30	x		x								
12	12	739	20	✓ 19	x		x	x x							
13	13	740	10	✓ 11	x		x	x x							
14	14	741	5	✓ 5	x	x	x x								
15	15	742	0	✓ 1.1	x		x	x x	x x	x					
16															
17															
18															
19															
20															
21															
22															
23															
24															

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

Bottom Depth:	280	m
Transmisso Cleaned:	☒ Y ☐ N	

Time	UTC	Local
Start	08 32	00 32
Bottom	08 39	
End	08 56	

Positional Information
Start
Lat: 49 ° 24 10 N
Lon: 124 ° 9 33 W

Start

Bottom
Lat: 49 ° 24 07 N
Lon: 124 ° 9 31 W

Bottom

End
Lat: 49 ° 24 06 N
Lon: 124 ° 9 16 W

End

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID:

2017-01

Station:

CPF2

Event #:

127

Ship:

Tully

UTC Date (dd mmm yyyy): 20 Feb 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC							
1	1	743	Bot-5	✓ 319	x		x										
2	2	744	175	✓ 175	x		x										
3	3	745	150	✓ 150	x		x										
4	4	746	125	✓ 125	x		x										
5	5	747	100	✓ 100	xx		xx										
6	6	748	75	✓ 75	x		x										
7	7	749	50	✓ 50	xx		x										
8	8	750	40	✓ 40	x		x										
9	9	751	30	✓ 30	x		x										
10	10	752	20	✓ 20	x		x	xx									
11	11	753	10	✓ 10	x		x	xx									
12	12	754	5	✓ 5	x	x	x										
13	13	755	0	✓ 0.7	x		xx	xx		xx							
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 350 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	11 01	0301
Bottom	1109	
End	1124	

Positional Information

Lat:	49 ° 27 98	N
Lon:	124 ° 29 97	W

Start

Lat:	49 ° 27 96	N
Lon:	124 ° 30 03	W

Bottom

Lat:	49 ° 27 97	N
Lon:	124 ° 30 11	W

End

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: 12 Event #: 129 Ship: Tully UTC Date (dd mmm yyyy): 20 Feb 2017

Cruise ID: 2017-01			Station: 12		Date: 11/11/17										Time: 11:00		Comments					
Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials																	
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC	Phyto											
				✓	WTRB	RB	LH	MB	SS/WB	MB	MO											
1	1	756	Bot-5	✓	351	x		x		x												
2	2	757	300	✓	300	x	x	x		x												
3	3	758	250	✓	250	x		x		x												
4	4	759	200	✓	200	x		x		x												
5	5	760	175	✓	175	x		x														
6	6	761	150	✓	150	xx		x		xx												
7	7	762	125	✓	125	x		x		x												
8	8	763	100	✓	100	x		xx		x												
9	9	764	75	✓	75	x		x		x												
10	10	765	50	✓	50	x		x		x												
11	11	766	40	✓	40	x		x		x												
12	12	767	30	✓	30	xx		x		xx												
13	13	768	20	✓	20	x		x	xx	x												
14	14	769	10	✓	10	x		xx	xx	x												
15	15	770	5	✓	5	x	x	x		x												
16	16	771	0	✓	0.6	x		x	xx	x	xx	x										
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						

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

Watchkeeper(s): MB

Bottom Depth: 355 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	1351	
Bottom	1358	
End	1416	

Positional Information

Start

Lat: 49° 43' 80" N

Lon: 124° 41' 09" W

Bottom

Lat: 49° 43' 77" N

Lon: 124° 41' 14" W

End

Lat: 49° 43' 85" N

Lon: 124° 41' 12" W

Extra comments:

Rosette sat on deck ~10 min before sampling.

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: 14 Event #: 132 Ship: Tully UTC Date (dd mmm yyyy): 10 Feb 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments	
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC						
1	1	772	Bot-5	✓ 310	x		x									
2	2	773	250	✓ 250	x		x									
3	3	774	200	✓ 200	xx		x									
4	4	775	175	✓ 175	x		x									
5	5	776	150	✓ 150	x		x									
6	6	777	125	✓ 125	x		xx									
7	7	778	100	✓ 100	x		x									
8	8	779	75	✓ 75	x		x									
9	9	780	50	✓ 51	x		x									
10	10	781	40	✓ 40	xx		x									
11	11	782	30	✓ 30	x		xx									
12	12	783	20	✓ 20	x		x	xx								
13	13	784	10	✓ 10	x		x	xx								
14	14	785	5	✓ 5	x	x	x									
15	15	786	0	✓ 0.8	x		x	xx		xx						
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?
Watchkeeper(s): MSBottom Depth: 313 m
Transmisso Cleaned: ☒ Y / ☐ N

	UTC	Local
Start	1653	0853
Bottom	1700	
End	1720	

Positional Information
Start
Lat: 49° 53' 15" N
Lon: 124° 59' 73" WBottom
Lat: 49° 53' 14" N
Lon: 124° 59' 71" WEnd
Lat: 49° 53' 06" N
Lon: 124° 59' 47" W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: BS11 Event #: 133 Ship: Tully UTC Date (dd mmm yyyy): 20 2 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	Oxy	Sal	Nut-F	Chl	DIC	HPLC					
1	1	787	Bot-5	✓ 57	x		x		x						
2	2	788	40	✓ 40	x		x x								
3	3	789	30	✓ 30	x		x		x						
4	4	790	20	✓ 20	x		x	x x	x						
5	5	791	10	✓ 10	x		x	x x	x						
6	6	792	5	✓ 5	x		x		x						
7	7	793	0	✓ 1	x		x	x x		x x					
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?
Watchkeeper(s): DY/TUBottom Depth: 62 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	2144	1344
Bottom	2147	
End	2154	

Positional Information
Start
Lat: 49° 29.01 N
Lon: 124° 46.00 WBottom
Lat: 49° 29.01 N
Lon: 124° 46.00 WEnd
Lat: 49° 28.99 N
Lon: 124° 46.01 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-01 Station: SI03 Event #: 136 Ship: Tully UTC Date (dd mmm yyyy): 21 Feb 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure											
1	1	794	48	✓ 48											
2	2	795	44	✓ 44											
3	3	796	40	✓ 40.1											
4	4	797	36	✓ 36.1											
5	5	798	32	✓ 32.1											
6	6	799	28	✓ 28.1											
7	7	800	24	✓ 24.1											
8	8	801	20	✓ 20											
9	9	802	16	✓ 16.1											
10	10	803	12	✓ 12.1											
11	11	804	8	✓ 8											
12	12	805	4	✓ 4											
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

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

Bottom Depth: 226 m
 Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1232	0432
Bottom	1237	
End	1254	

Positional Information
 Start
 Lat: 48 ° 35 57 N
 Lon: 123 ° 30 05 W

Bottom
 Lat: 48 ° 35 57 N
 Lon: 123 ° 30 08 W

End
 Lat: 48 ° 35 58 N
 Lon: 123 ° 30 11 W

Extra comments:
 CTD to bottom-10