

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36

Station: Si TEST

Event #: 2

Ship: Tully

UTC Date (dd|mmm|yyyy): 15 July 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials											Comments
			Target Pressure	Confirmed Pressure	DO	Nuts	Sal	HPLC	DA	Phyto	Chl					
1		1	Btm-5	✓ 190	x	x	xx									
2		2	150	✓ 151	x	x										
3		3	125	✓ 125	x	xx										
4		4	100	✓ 100	xx	x										
5		5	75	✓ 75	x	x										
6		6	50	✓ 50	x	x										
7		7	40	✓ 40	x	x										
8		8	30	✓ 30	x	x	xx									
9		9	20	✓ 20	xx	xx					xx					
10		10	10	✓ 10	x	x					xx					
11		11	5	✓ 5	x	x		xx	x	x	xx					
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s):

Bottom Depth: 193 m

Transmisso Cleaned: Y / N

Time UTC Local

Start 23/4 16/4

Bottom 2321

End 2335

Positional Information

Lat: 48 ° 36.310 N

Lon: 125 ° 30.140 W

Lat: 48 ° 36.330 N

Lon: 125 ° 30.169 W

Lat: 48 ° 36.340 N

Lon: 125 ° 30.240 W

Extra comments:

CTD to bottom-10

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36 Station: US42 Event #: 6 Ship: Tully UTC Date (dd|mmm|yyyy): 22 | Jul | 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed ✓ Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA				
1		12	Btm-5	2205	x	x	x					x					
2		13	Btm-15	2194	x	x	x										
3		14	Btm-25	2182	x	xx	x										
4		15	Btm-35	2170	xx	x	x										
5		16	2000	2000	x	x	x										
6		17	1500	1500	x	x	x										
7		18	1000	1000	x	x	x										
8		19	750	750	x	x	xx										
9		20	500	500	xx	x	x										
10		21	400	400	x	x	x										
11		22	300	300	x	x											
12		23	250	250	x	x						x					
13		24	200	200	x	x											
14		25	175	175	x	xx											
15		26	150	150	x	x											
16		27	125	125	x	x											
17		28	100	100	xx	x											
18		29	75	75	x	x											
19		30	50	50	x	x											
20		31	40	40	x	x											
21		32	30	30	x	x											
22		33	20	20	x	x					xx						
23		34	10	10	x	x					xx						
24		35	5	5	x	x		xx	x	x	xx		x				

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

Bottom Depth: 2131 m
Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0651	2351
Bottom	0729	
End		

Positional Information
Lat: 49 ° 34.960 N
Lon: 132 ° 48.280 W

Lat: 49 ° 34.920 N
Lon: 132 ° 48.490 W

Lat: ° N
Lon: ° W

Extra comments:
CTD to bottom-10

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36

Station: US47

Event #: 13

Ship: Tully

UTC Date (dd|mmm|yyyy): 23 Jul 2012

Rosette Operation

Samples Taken / Sampler's Initials

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA					
1	1	56	Btm-5	✓	448	x	x	x					x	x				
2	2	57	Btm-15	✓	438	x	x	x										
3	3	58	Btm-25	✓	428	x	xx	x										
4	4	59	Btm-35	✓	418	x	x	x										
5	5	60	400	✓	400	xx	x	xx					x					
6	6	61	300	✓	300	x	x											
7	7	62	250	✓	250	x	x											
8	8	63	200	✓	200	x	x											
9	9	64	175	✓	175	x	x											
10	10	65	150	✓	150	x	x											
11	11	66	125	✓	125	x	x											
12	12	67	100	✓	100	x	x											
13	13	68	75	✓	75	xx	x											
14	14	69	50	✓	50	x	x											
15	15	70	40	✓	40	x	xx											
16	16	71	30	✓	30	x	x											
17	17	72	20	✓	20	x	x					xx						
18	18	73	10	✓	10	x	x					xx						
19	19	74	5	✓	5	x	x		xx	x	x	xx						
20																		
21																		
22																		
23																		
24																		

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s): DS

Bottom Depth: 440 m

Transmisso Cleaned: Y / N

Time UTC Local

Start 0414

Bottom 0153

End 0218

Positional Information

Lat: 49 ° 31.460 N

Lon: 132 ° 42.320 W

Lat: 49 ° 31.430 N

Lon: 132 ° 42.340 W

Lat: 49 ° 31.390 N

Lon: 132 ° 42.360 W

Extra comments:

OTD to bottom 12

Cruise ID: 2017-36 Station: US49 Event #: 16 Ship: Tully UTC Date (dd|mmm|yyyy): 23 July 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed ✓ Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA				
1		75	Btm-5	✓ 1380	x		x					x	x				
2		76	Btm-15	✓ 1362	x		x										
3		77	Btm-25	✓ 1357	x		xx										
4		78	Btm-35	✓ 1349	x		x										
5		79	750	✓ 750	x		x										
6		80	500	✓ 500	x		x										
7		81	400	✓ 400	xx		x										
8		82	300	✓ 300	x		x										
9		83	250	✓ 250	x		x										
10		84	200	✓ 200	x		x										
11		85	175	✓ 175	x		xx										
12		86	150	✓ 150	x		x					x					
13		87	125	✓ 125	x		x										
14		88	100	✓ 100	x		x										
15		89	75	✓ 75	x		x										
16		90	50	✓ 50	x		x										
17		91	40	✓ 40	x		x										
18		92	30	✓ 30	xx		x										
19		93	20	✓ 20	x		x					xx					
20		94	10	✓ 10	x		x					xx					
21		95	5	✓ 5	x		x		xx	x	x	xx					
22																	
23																	
24																	

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s):

Bottom Depth: 1372 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0441	2141
Bottom	0506	
End	0549	

Positional Information

Lat: 49 ° 30.350 N

Lon: 132 ° 40.710 W

Lat: 49 ° 30.350 N

Lon: 132 ° 40.710 W

Lat: 49 ° 30.350 N

Lon: 132 ° 40.710 W

Extra comments:

CTD to bottom-10

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36

Station: US51

Event #: 19

Ship: Tully

UTC Date (dd|mmm|yyyy): 23 JUL 2017

Rosette Operation					Samples Taken / Sampler's Initials										Comments			
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA					
1		96	Btm-5	✓ 1986	x	x	x					x	x					
2		97	Btm-15	✓ 1975	xx	x	x											weird altimeter reading
3		98	Btm-25	✓ 1960	x	x	x											
4		99	Btm-35	✓ 1950	x	x	xx											
5		100	1500	✓ 1501	x	x	x											
6		101	1000	✓ 1001	x	xx	x											
7		102	750	✓ 750	x	x	x											
8		103	500	✓ 499	x	x	x											
9		104	400	✓ 400	x	x	x											
10		105	300	✓ 300	x	x												
11		106	250	✓ 249	x	x												
12		107	200	✓ 200	x	x												
13		108	175	✓ 175	x	x												
14		109	150	✓ 150	x	x												
15		110	125	✓ 126	x	x												
16		111	100	✓ 100	xx	x												
17		112	75	✓ 75	x	xx						x						
18		113	50	✓ 50	x	x												
19		114	40	✓ 40	x	x												
20		115	30	✓ 30	x	x												
21		116	20	✓ 20	x	x					xx							
22		117	10	✓ 11	x	x					xx							
23		118	5	✓ 4	x	x		xx			xx							
24																		

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): MT

Bottom Depth: 1842 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0800	0100
Bottom	0833	0133
End	0924	0224

Positional Information

Lat: 49 ° 29.490 N

Lon: 132 ° 39.270 W

Lat: 49 ° 29.430 N

Lon: 132 ° 39.160 W

Lat: 49 ° 29.390 N

Lon: 132 ° 39.190 W

Extra comments:

Cruise ID: 2017-36 Station: US45 Event #: 9 Ship: Tully UTC Date (dd|mmm|yyyy): 22 July 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments	
			Target Pressure	Confirmed Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA	DIC	**Please note salinities at DIC depths	
1		36	Btm-5	964	x	x	x					x	x	x		* 34.323
2		37	Btm-15	952	x	x	x					x		x		* 34.321
3		38	Btm-25	938	x	x	xx					x		xx		* 34.320
4		39	Btm-35	928	x	x	x					x		x		* 34.320
5		40	500	500	x	x	x					x		x		* 34.035
6		41	400	398	x	x	x					xx		x		* 33.954
7		42	300	301	x	xx										
8		43	250	250	x	x						x		x		* 33.852
9		44	200	200	x	x										
10		45	175	175	x	x										
11		46	150	150	x	x						x		x		* 33.678
12		47	125	125	x	x										
13		48	100	100	xx	x						x		x		* 32.991
14		49	75	75	x	x										
15		50	50	50	x	x						x		x		* 32.591
16		51	40	40	x	x										
17		52	30	30	x	x										
18		53	20	20	x	xx					xx					
19		54	10	10	xx	x					xx					
20		55	5	5	x	x		xx	x	x	xx					
21																
22																
23																
24																

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

Bottom Depth: 946 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	1107	0407
Bottom	1123	
End	1156	

Positional Information

Lat:	49 ° 33.380	N
Lon:	132 ° 45.370	W

Start

Lat:	49 ° 33.540	N
Lon:	132 ° 45.390	W

Bottom

Lat:	49 ° 33.340	N
Lon:	132 ° 45.390	W

End

Extra comments:
CTD to bottom-10

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36 Station: US53 Event #: 21 Ship: Tully UTC Date (dd|mmm|yyyy): 23 July 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA	DIC			
1		119	Btm-5	3156	x	x	x					x	x	x			SALINITY
2		120	Btm-15	3148	X	xx	x					x		x			34.656
3		121	Btm-25	3134	x	x	x					x		xx			34.655
4		122	Btm-35	3125	x	x	xx					xx		x			34.655
5		123	2000	2000	x	x	x										34.584
6		124	1500	1500	xx	x	x										34.494
7		125	1000	1000	x	x	x					x		x			34.366
8		126	750	750	x	x	x					x		x			34.250
9		127	500	500	x	x	x										34.066
10		128	400	400	x	x						x		x			33.950
11		129	300	300	x	x											33.876
12		130	250	250	x	x						x		x			
13		131	200	200	x	x											33.834
14		132	175	175	x	xx											22.5 33.792
15		133	150	150	xx	x						x		x			33.635
16		134	125	125	x	x											33.477
17		135	100	100	x	x											32.946
18		136	75	75	x	x											32.595
19		137	50	50	x	x						x		x			32.597
20		138	40	40	x	x											
21		139	30	30	x	x											
22		140	20	20	x	x					xx						32.591
23		141	10	10	x	x					xx						
24		142	5	5	x	x		xx	x	x	xx						

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

Bottom Depth: 3094 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1100	0400
Bottom	1153	
End	1303	

Positional Information
Lat: 49 ° 23.560 N
Lon: 132 ° 30.480 W

Lat: 49 ° 23.450 N
Lon: 132 ° 30.480 W

Lat: 49 ° 23.550 N
Lon: 132 ° 30.960 W

Extra comments:
Aim for salinities of 34.2, 33.9, 33.0, 32.5 and one other deeper depth

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36 Station: US35 Event #: 25 Ship: Tully UTC Date (dd/mm/yyyy): 24 July 2017

Rosette Operation					Samples Taken / Sampler's Initials										Comments				
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA						
1		143	Btm-5	973	x	x	x					x	x						
2		144	Btm-15	962	xx	x	x												
3		145	Btm-25	953	x	x	x												
4		146	Btm-35	943	x	x	xx												
5		147	750	750	x	x	x												
6		148	500	500	x	x	x												
7		149	400	400	x	x	x												
8		150	300	300	x	xx						x							
9		151	250	250	x	x													
10		152	200	200	x	x													
11		153	175	175	x	x													
12		154	150	150	xx	x													
13		155	125	125	x	x													
14		156	100	100	x	x													
15		157	75	75	x	x													
16		158	50	50	x	x													
17		159	40	40	x	xx													
18		160	30	30	x	x													
19		161	20	20	x	x					xx								
20		162	10	10	x	x					xx								
21		163	5	5	x	x		xx			xx								
22																			
23																			
24																			

Version: 25 Nov 2011

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

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

Bottom Depth: 973 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0343	2043
Bottom	0400	
End	0435	

Positional Information
Start
Lat: 49 ° 33.980 N
Lon: 132 ° 40.640 W

Bottom
Lat: 49 ° 33.990 N
Lon: 132 ° 40.640 W

End
Lat: 49 ° 34.010 N
Lon: 132 ° 40.650 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36 Station: US 37 Event #: 29 Ship: Tully UTC Date (dd|mmm|yyyy): 24 JUL 2017

Rosette Operation					Samples Taken / Sampler's Initials										Comments				
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA						
1		164	Btm-5	✓ 2185	x							x	x						
2		165	Btm-15	✓ 2174	x														
3		166	Btm-25	✓ 2164	x														
4		167	Btm-35	✓ 2154	x														
5		168	2000	✓ 2000	x														
6		169	1500	✓ 1500	x														
7		170	1000	✓ 1000	x							x							
8		171	750	✓ 749	xx														
9		172	500	✓ 501	x														
10		173	400	✓ 400	x														
11		174	300	✓ 300	x														
12		175	250	✓ 249	x														
13		176	200	✓ 200	x														
14		177	175	✓ 175	x														
15		178	150	✓ 150	x														
16		179	125	✓ 124	x														
17		180	100	✓ 100	x														
18		181	75	✓ 74	x														
19		182	50	✓ 50	x														
20		183	40	✓ 40	x														
21		184	30	✓ 30	xx														
22		185	20	✓ 20	x						xx								
23		186	10	✓ 9	x						xx								
24		187	5	✓ 5	x			xx			xx								

Version: 25 Nov 2011

Transmissometer to be cleaned before each cast. do not use Ammonia solution.

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

Bottom Depth: 2018 m
Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0745	0045
Bottom	0823	0123
End	0923	0223

Positional Information
Start
Lat: 49 ° 35.960 N
Lon: 132 ° 39.330 W

Bottom
Lat: 49 ° 35.930 N
Lon: 132 ° 39.370 W

End
Lat: 49 ° 35.970 N
Lon: 132 ° 39.500 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36 Station: US39 Event #: 31 Ship: Tully UTC Date (dd|mmm|yyyy): 24 July 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA if >2	Phyto if >2	Chl	Sal	eDNA				
				✓													
1		188	Btm-5	✓	3255	x	x	x				x					
2		189	Btm-15	✓	3245	x	x	x									
3		190	Btm-25	✓	3235	x	x	x									
4		191	Btm-35	✓	3224	xx	x	x									
5		192	2000	✓	2000	x	xx	x									
6		193	1500	✓	1500	x	x	x									
7		194	1000	✓	1000	x	x	xx									
8		195	750	✓	749	x	x										
9		196	500	✓	500	x	x										
10		197	400	✓	400	x	x										
11		198	300	✓	300	xx	x										
12		199	250	✓	249	x	x										
13		200	200	✓	200	x	x										
14		201	175	✓	175	x	x					x					
15		202	150	✓	150	x	x										
16		203	125	✓	125	x	xx										
17		204	100	✓	100	x	x										
18		205	75	✓	75	x	x										
19		206	50	✓	50	x	x										
20		207	40	✓	40	x	x										
21		208	30	✓	30	x	x										
22		209	20	✓	20	x					xx						
23		210	10	✓	10	x					xx						
24		211	5	✓	4	x			xx		xx						

Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): 82

Bottom Depth: 3186 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	<u>1054</u>	
Bottom	<u>1145</u>	
End	<u>1303</u>	

Positional Information
Start
Lat: 49 ° 43.460 N
Lon: 132 ° 34.880 W

Bottom
Lat: 49 ° 43.550 N
Lon: 132 ° 34.630 W

End
Lat: 49 ° 43.840 N
Lon: 132 ° 34.370 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36 Station: US31 Event #: 34 36 Ship: Tully UTC Date (dd|mmm|yyyy): 25 July 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed ✓ Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA	Phyto	Chl	Sal	eDNA					
1		212	Btm-5	✓ 1170	x							x	x					
2		213	Btm-15	✓ 1160	x													
3		214	Btm-25	✓ 1150	x													
4		215	Btm-35	✓ 1140	x													
5		216	1000	✓ 1000	x													
6		217	750	✓ 750	x													
7		218	500	✓ 500	x							x						
8		219	400	✓ 400	xx													
9		220	300	✓ 300	x													
10		221	250	✓ 250	x													
11		222	200	✓ 200	x													
12		223	175	✓ 175	x													
13		224	150	✓ 150	x													
14		225	125	✓ 125	x													
15		226	100	✓ 100	x													
16		227	75	✓ 75	x													
17		228	50	✓ 50	x													
18		229	40	✓ 40	x													
19		230	30	✓ 30	xx													
20		231	20	✓ 20	x				x	x	xx							flou. 3.93
21		232	10	✓ 10	x						xx							1.81
22		233	5	✓ 5	x			xx			xx							6.95
23																		
24																		

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

Bottom Depth: 1103 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	0343	2048
Bottom	0408	
End	0451	

Positional Information
Start
Lat: 49 ° 30.110 N
Lon: 132 ° 43.230 W

Bottom
Lat: 49 ° 30.080 N
Lon: 132 ° 43.210 W

End
Lat: 49 ° 30.120 N
Lon: 132 ° 43.250 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36 Station: US29 Event #: 36 37 Ship: Tully UTC Date (dd|mmm|yyyy): 25 July 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed ✓ Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA	Phyto	Chl	Sal	eDNA					
1		234	Btm-5	✓ 1572	x							x	x					
2		235	Btm-15	✓ 1562	xx													
3		236	Btm-25	✓ 1552	x													
4		237	Btm-35	✓ 1542	x													
5		238	1500	✓ 1500	x	NOT TAKEN												
6		239	1000	✓ 1000	x													
7		240	750	✓ 750	x													
8		241	500	✓ 500	x							x						
9		242	400	✓ 400	x													
10		243	300	✓ 300	x													
11		244	250	✓ 250	x													
12		245	200	✓ 200	x													
13		246	175	✓ 175	x													
14		247	150	✓ 150	x													
15		248	125	✓ 125	xx													
16		249	100	✓ 100	x													
17		250	75	✓ 75	x													
18		251	50	✓ 50	x													
19		252	40	✓ 40	x													
20		253	30	✓ 30	x													
21		254	20	✓ 20	x						xx							
22		255	10	✓ 10	x						xx							
23		256	5	✓ 5	x			xx			xx							
24																		

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

Bottom Depth: 1579 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0555	
Bottom	0621	
End	0706	

Positional Information
Start
Lat: 49 ° 28.980 N
Lon: 132 ° 44.060 W

Bottom
Lat: 49 ° 28.980 N
Lon: 132 ° 44.090 W

End
Lat: 49 ° 28.930 N
Lon: 132 ° 44.020 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36

Station: US27

Event #: 39

Ship: Tully

UTC Date (dd|mmm|yyyy): 25 JUL 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials														Comments
			Target Pressure	Confirmed ✓ Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA	Phyto	Chl	Sal	eDNA						
1		257	Btm-5	✓ 3277	x								x						
2		258	Btm-15	✓ 3268	x														
3		259	Btm-25	✓ 3258	x														
4		260	2500	✓ 2500	x														
5		261	2000	✓ 2000	x														
6		262	1500	✓ 1500	x														
7		263	1000	✓ 1000	x														
8		264	750	✓ 750	x														
9		265	500	✓ 500	x														
10		266	400	✓ 400	x														
11		267	300	✓ 300	x														
12		268	250	✓ 250	xx														
13		269	200	✓ 200	x														
14		270	175	✓ 175	x								x						
15		271	150	✓ 150	x														
16		272	125	✓ 125	x														
17		273	100	✓ 100	x														
18		274	75	✓ 75	x														
19		275	50	✓ 50	x														
20		276	40	✓ 40	x														
21		277	30	✓ 30	x														
22		278	20	✓ 20	xx							xx							
23		279	10	✓ 10	x							xx							
24		280	5	✓ 5	x				xx			xx							

http://www.pac.dfo

Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): CSG

Bottom Depth: 3278 m

Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	0844	
Bottom	0938	
End	1049	

Positional Information

Start

Lat: 49 ° 21.552 N

Lon: 132 ° 48.917 W

Bottom

Lat: 49 ° 21.679 N

Lon: 132 ° 48.877 W

End

Lat: 49 ° 21.740 N

Lon: 132 ° 48.989 W

Extra comments:

Water Properties Group

Sampling Log

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

Cruise ID: 2017-36 Station: CS01 Event #: 44 Ship: Tully UTC Date (dd|mmm|yyyy): 26 | July | 2017

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments			
			Target Pressure	Confirmed Pressure	DO	Nuts Frozen	Nuts Fresh	HPLC	DA	Phyto	Chl	Sal	eDNA	DIC				
1		281	Btm-5	✓	2109	x	x	xx				x	x					
2		282	Btm-15	✓	2103	x	x	x										
3		283	Btm-25	✓	2090	x	x	x										
4		284	Btm-35	✓	2080	x	x	x										
5		285	1500	✓	1500	x	x	x										
6		286	1000	✓	1000	xx	x	x										
7		287	750	✓	750	x	x	x										
8		288	500	✓	500	x	x	x				x						
9		289	400	✓	400	x	x	x										
10		290	300	✓	300	x	x											
11		291	250	✓	250	x	xx											
12		292	200	✓	200	x	x											
13		293	175	✓	175	x	x											
14		294	150	✓	150	x	x											
15		295	125	✓	125	x	x											
16		296	100	✓	100	x	x											
17		297	75	✓	75	x	x											
18		298	50	✓	50	xx	x											
19		299	40	✓	40	x	x											
20		300	30	✓	30	x	x											
21		301	20	✓	20	x	x				xx							
22		302	10	✓	10	x	x				xx							
23		303	5	✓	5	x	x		xx		xx							
24																		

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

Bottom Depth: 2016 m
Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0440	2140
Bottom	0515	
End	0611	

Positional Information

Lat:	49 ° 52.440	N
Lon:	132 ° 8.880	W

▼

Lat:	49 ° 52.450	N
Lon:	132 ° 8.890	W

▼

Lat:	49 ° 52.350	N
Lon:	132 ° 4.090	W

Extra comments: