

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS14 Event #: 5 Vessel: Vedar UTC Date (dd|mmm|yyyy): 23 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		1	45	✓ 45.6	✓	✓												
2		2	43	✓ 43.4	✓	✓												
3		3	41	✓ 41.5	✓	✓	✓											
4		4	25	✓ 24.7	✓	✓												
5		5	10	✓ 10.4	✓	✓												
6		6	5	✓ 5.4	✓	✓												
7		7	0	✓ 1.9	✓	✓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
KS

Bottom Depth: 47 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 19:41 :
Bottom (BO) 19:43 :
End (EN) 19:54 :

Positional Information
Start Lat: 49° 31.063 N
Lon: 124° 48.690 W
Bottom Lat: 49° 31.072 N
Lon: 124° 48.665 W
Finish Lat: 49° 31.080 N
Lon: 124° 48.678 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS8 Event #: 10 Vessel: Vector UTC Date (dd|mmm|yyyy): 23 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		8	43	✓ 43.5	✓	✓												
2		9	41	✓ 41.1	✓	✓												
3		10	39	✓ 39.0	✓	✓												
4		11	25	✓ 25.2	✓	✓	✓											
5		12	10	✓ 9.8	✓	✓												
6		13	5	✓ 5.0	✓✓	✓✓												
7		14	0	✓ 2.2	✓	✓												
8																		
9																		
10																		
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19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
KS

Bottom Depth: 45 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>22:09</u>	:
Bottom (BO)	<u>22:11</u>	:
End (EN)	<u>22:20</u>	:

Positional Information

Start

Lat: 49° 34.148 N

Lon: 124° 51.548 W

Bottom

Lat: 49° 34.158 N

Lon: 124° 51.528 W

Finish

Lat: 49° 34.154 N

Lon: 124° 51.546 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-486 Station: BS2 Event #: 15 Vessel: Vector UTC Date (dd|mmm|yyyy): 24 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		15	34	✓ 34.2	✓	✓												
2		16	32	✓ 31.8	✓	✓												
3		17	30	✓ 29.9	✓	✓												
4		18	25	✓ 24.9	✓	✓	✓											
5		19	10	✓ 9.9	✓	✓												
6		20	5	✓ 5.3	✓	✓												
7		21	0	✓ 2.0	✓	✓												
8																		
9																		
10																		
11																		
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21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
KS

Bottom Depth: 36 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 01:11 :
Bottom (BO) 01:12 :
End (EN) 01:20 :

Positional Information
Start
Lat: 49° 38.420 N
Lon: 124° 53.698 W

Bottom
Lat: 49° 38.419 N
Lon: 124° 53.699 W

Finish
Lat: 49° 38.432 N
Lon: 124° 53.694 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BSS Event #: 22 Vessel: Vector UTC Date (dd|mmm|yyyy): 24 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a											
1		22	42	✓ 42.0	✓	✓													
2		23	40	✓ 39.8	✓	✓													
3		24	38	✓ 37.9	✓	✓													
4		25	25	✓ 24.9	✓	✓	✓												
5		26	10	✓ 10.0	✓	✓													
6		27	5	✓ 4.9	✓	✓													
7		28	0	✓ 1.8	✓	✓													
8																			
9																			
10																			
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21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

KS

Bottom Depth: 45 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:04	:
Bottom (BO)	15:06	:
End (EN)	15:15	:

Positional Information

Start

Lat: 49 ° 35.845 N

Lon: 124 ° 51.563 W

Bottom

Lat: 49 ° 35.844 N

Lon: 124 ° 51.557 W

Finish

Lat: 49 ° 35.861 N

Lon: 124 ° 51.529 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS11 Event #: 35 Vessel: Vector UTC Date (dd|mmm|yyyy): 24 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		29	43	✓	42.8	✓✓	✓											
2		30	41	✓	40.9	✓	✓											
3		31	39	✓	39.2	✓	✓											
4		32	25	✓	25.0	✓	✓	✓										
5		33	10	✓	9.9	✓	✓											
6		34	5	✓	4.9	✓	✓✓											
7		35	0	✓	1.9	✓	✓											
8																		
9																		
10																		
11																		
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21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

KS

Bottom Depth: 45 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20:10	:
Bottom (BO)	20:11	:
End (EN)	20:19	:

Positional Information

Start

Lat: 49° 32.174 N

Lon: 124° 50.453 W

Bottom

Lat: 49° 32.170 N

Lon: 124° 50.452 W

Finish

Lat: 49° 32.161 N

Lon: 124° 50.495 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS17 Event #: 45 Vessel: Vector UTC Date (dd|mmm|yyyy): 25 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a											
1		36	53	✓ 53.5	✓	✓													
2		37	51	✓ 50.7	✓	✓													
3		38	49	✓ 48.7	✓	✓													
4		39	25	✓ 24.5	✓	✓	✓												
5		40	10	✓ 9.8	✓	✓													
6		41	5	✓ 5.2	✓✓	✓✓													
7		42	0	✓ 2.2	✓	✓													
8																			
9																			
10																			
11																			
12																			
13																			
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16																			
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19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
KS

Bottom Depth: 55 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>15:35</u>	:
Bottom (BO)	<u>15:37</u>	:
End (EN)	<u>15:46</u>	:

Positional Information

Lat: 49 ° 29 . 023 N

Lon: 124 ° 46 . 176 W

Bottom

Lat: 49 ° 29 . 017 N

Lon: 124 ° 46 . 172 W

Finish

Lat: 49 ° 28 . 991 N

Lon: 124 ° 46 . 169 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: B520 Event #: 51 Vessel: Vecor UTC Date (dd|mmm|yyyy): 25 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		43	41	✓ 41.3	✓	✓												
2		44	39	✓ 39.1	✓	✓												
3		45	37	✓ 36.8	✓	✓												
4		46	25	✓ 25.0	✓	✓	✓											
5		47	10	✓ 10.1	✓	✓												
6		48	5	✓ 4.9	✓	✓												
7		49	0	✓ 1.9	✓	✓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
KS

Bottom Depth: 43 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17 : 40	:
Bottom (BO)	17 : 42	:
End (EN)	17 : 51	:

Positional Information

Start

Lat: 49° 28.320 N

Lon: 124° 44.233 W

Bottom

Lat: 49° 28.316 N

Lon: 124° 44.228 W

Finish

Lat: 49° 28.306 N

Lon: 124° 44.207 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS22 Event #: 55 Vessel: Vector UTC Date (dd|mmm|yyyy): 25 | June | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		50	42	✓ 42.3	✓	✓												
2		51	40	✓ 39.7	✓	✓												
3		52	38	✓ 37.8	✓	✓												
4		53	25	✓ 25.2	✓✓	✓	✓											
5		54	10	✓ 10.1	✓	✓												
6		55	5	✓ 4.9	✓	✓✓												
7		56	0	✓ 2.0	✓	✓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

KS

Bottom Depth: 44 m

Transmisso Cleaned: Y N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19 : 22	:
Bottom (BO)	19 : 24	:
End (EN)	19 : 31	:

Positional Information

Start

Lat: 49 ° 28 . 283 N

Lon: 124 ° 41 . 718 W

Bottom

Lat: 49 ° 28 . 286 N

Lon: 124 ° 41 . 711 W

Finish

Lat: 49 ° 28 . 265 N

Lon: 124 ° 41 . 627 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-456 Station: BS23 Event #: 58 Vessel: Vector UTC Date (dd|mmm|yyyy): 25 Jun 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a											
1		57	56	✓ 56.4	✓	✓													
2		58	54	✓ 53.8	✓	✓													
3		59	52	✓ 52.0	✓	✓													
4		60	25	✓ 25.2	✓	✓	✓												
5		61	10	✓ 9.9	✓✓	✓													
6		62	5	✓ 4.8	✓	✓✓													
7		63	0	✓ 2.2	✓	✓													
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

KS

Bottom Depth: 58 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21 : 14	:
Bottom (BO)	21 : 16	:
End (EN)	21 : 23	:

Positional Information

Lat: 49 ° 27.809 N

Lon: 124 ° 39.940 W

Bottom

Lat: 49 ° 27.799 N

Lon: 124 ° 39.944 W

Finish

Lat: 49 ° 27.784 N

Lon: 124 ° 39.976 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-476 Station: BS29 Event #: 63 Vessel: Vector UTC Date (dd|mmm|yyyy): 23 | June | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a											
1		64	54	✓ 54.2	✓	✓													
2		65	52	✓ 51.7	✓	✓													
3		66	50	✓ 49.9	✓	✓													
4		67	25	✓ 25.0	✓	✓	✓												
5		68	10	✓ 9.8	✓	✓													
6		69	5	✓ 5.0	✓✓	✓✓													
7		70	0	✓ 2.2	✓	✓													Did not close. Hung up → rosette sent back to surface to re-fire Niskin 7.
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
KS

Bottom Depth: 55 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 22:50 :
Bottom (BO) 22:52 :
End (EN) 23:00 :

Positional Information
Start
Lat: 49° 24.698 N
Lon: 124° 34.972 W
Bottom
Lat: 49° 24.696 N
Lon: 124° 34.960 W
Finish
Lat: 49° 24.688 N
Lon: 124° 34.894 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS40 Event #: 67 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		71	338	✓ 337.9	✓	✓													
2		72	336	✓ 335.6	✓	✓													
3		73	334	✓ 334.6	✓	✓													
4		74	250	✓ 249.9	✓✓	✓	✓												
5		75	200	✓ 199.89	✓	✓													
6		76	150	✓ 149.9	✓	✓													
7		77	100	✓ 99.7	✓	✓													
8		78	75	✓ 75.0	✓	✓													
9		79	50	✓ 49.9	✓	✓													
10		80	25	✓ 24.8	✓✓	✓													
11		81	10	✓ 10.3	✓	✓													
12		82	5	✓ 5.0	✓	✓✓													
13		83	0	✓ 1.7	✓	✓													
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
KS

Bottom Depth: 340 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	13:56	:
Bottom (BO)	14:03	:
End (EN)	14:27	:

Positional Information

Start

Lat: 49 ° 27.097 N

Lon: 124 ° 28.436 W

Bottom

Lat: 49 ° 27.103 N

Lon: 124 ° 28.478 W

Finish

Lat: 49 ° 27.106 N

Lon: 124 ° 28.492 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: B533 Event #: 70 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a											
1		84	58	✓ 57.9	✓✓	✓													
2		85	36	✓ 55.9	✓	✓													
3		86	54	✓ 53.8	✓	✓													
4		87	25	✓ 24.7	✓	✓	✓												
5		88	10	✓ 9.9	✓	✓													
6		89	5	✓ 4.8	✓	✓✓													
7		90	0	✓ 1.8	✓	✓													
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
KS

Bottom Depth: 60 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16 : 39	:
Bottom (BO)	16 : 41	:
End (EN)	16 : 50	:

Positional Information

Start

Lat:	49 °	30.564	N
Lon:	124 °	42.818	W

Bottom

Lat:	49 °	30.558	N
Lon:	124 °	42.830	W

Finish

Lat:	49 °	30.570	N
Lon:	124 °	42.839	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-476 Station: BS32 Event #: 73 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		91	45	✓ 45.2	✓	✓													
2		92	43	✓ 42.8	✓	✓													
3		93	41	✓ 40.9	✓	✓													
4		94	25	✓ 25.0	✓	✓	✓												
5		95	10	✓ 9.8	✓	✓													
6		96	5	✓ 5.1	✓	✓													
7		97	0	✓ 2.0	✓	✓													
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
XS

Bottom Depth: 47 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20 : 00	:
Bottom (BO)	20 : 01	:
End (EN)	20 : 09	:

Positional Information

Lat:	49 ° 33.517	N
Lon:	124 ° 44.484	W

Bottom

Lat:	49 ° 33.515	N
Lon:	124 ° 44.480	W

Finish

Lat:	49 ° 33.479	N
Lon:	124 ° 44.430	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS34 Event #: 89 Vessel: Vektor UTC Date (dd|mmm|yyyy): 27 | June | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		105	173	✓ 173.1	✓	✓												
2		106	171	✓ 171.0	✓	✓												
3		107	169	✓ 168.9	✓	✓												
4		108	125	✓ 124.6	✓/	✓	✓											
5		109	100	✓ 99.9	✓	✓												
6		110	75	✓ 74.8	✓	✓												
7		111	50	✓ 50.2	✓	✓												
8		112	25	✓ 25.1	✓	✓												
9		113	10	✓ 10.3	✓	✓												
10		114	5	✓ 4.9	✓	✓/												
11		115	0	✓ 2.0	✓	✓												
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

KS

Bottom Depth: 176 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	14 : 06	:
Bottom (BO)	14 : 10	:
End (EN)	14 : 26	:

Positional Information

Start

Lat: 49° 27.310 N

Lon: 124° 35.883 W

Bottom

Lat: 29° 27.308 N

Lon: 124° 35.099 W

Finish

Lat: 29° 27.328 N

Lon: 124° 35.140 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-486 Station: BS31 Event #: 92 Vessel: Vector UTC Date (dd|mmm|yyyy): 27 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		98	46	✓ 45.9	✓	✓												
2		99	44	✓ 43.8	✓	✓												
3		100	42	✓ 42.0	✓	✓												
4		101	25	✓ 24.8	✓	✓	✓											
5		102	10	✓ 10.0	✓	✓												
6		103	5	✓ 4.9	✓	✓												
7		104	0	✓ 1.8	✓	✓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

KS

Bottom Depth: 48 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17 : 05	:
Bottom (BO)	17 : 06	:
End (EN)	17 : 13	:

Positional Information

Start

Lat: 49 ° 37.418 N

Lon: 124 ° 46.946 W

Bottom

Lat: 49 ° 37.417 N

Lon: 124 ° 46.987 W

Finish

Lat: 49 ° 37.398 N

Lon: 124 ° 46.944 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: B524 Event #: 94 Vessel: Vector UTC Date (dd|mmm|yyyy): 27 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		123	52	✓ 51.9	✓	✓												
2		124	50	✓ 50.1	✓	✓												
3		125	48	✓ 47.9	✓	✓												
4		126	25	✓ 25.0	✓	✓	✓											
5		127	10	✓ 9.9	✓	✓												
6		128	5	✓ 5.0	✓	✓												
7		129	0	✓ 1.8	✓	✓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
KS.

Bottom Depth: 54 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 19 : 41 :
Bottom (BO) 19 : 43 :
End (EN) 19 : 51 :

Positional Information
Start
Lat: 49 ° 39.823 N
Lon: 124 ° 51.173 W
▼
Bottom
Lat: 49 ° 39.829 N
Lon: 124 ° 51.187 W
▼
Finish
Lat: 49 ° 39.827 N
Lon: 124 ° 51.140 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS35 Event #: 95 Vessel: Vector UTC Date (dd|mmm|yyyy): 27 | Jun | 20

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		130	123	✓	122.7	✓	✓											
2		131	121	✓	121.1	✓	✓											
3		132	119	✓	119.0	✓	✓											
4		133	100	✓	100.0	✓	✓	✓										
5		134	75	✓	74.9	✓	✓											
6		135	50	✓	49.9	✓✓	✓											
7		136	25	✓	24.9	✓✓	✓											
8		137	10	✓	10.0	✓	✓											
9		138	5	✓	4.850	✓	✓✓		- Bottle 9 Did not fire. Put rosette back in water to refill @ 5m									
10		139	0	✓	1.3	✓	✓		Under old file event 96									
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
KS

Bottom Depth: 124 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 22:23 :
Bottom (BO) 22:25 :
End (EN) 22:37 :

Positional Information
Start Lat: 49° 41.842 N
Lon: 124° 47.462 W
Bottom Lat: 49° 41.840 N
Lon: 124° 47.465 W
Finish Lat: 49° 41.843 N
Lon: 124° 47.477 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-486 Station: BS36 Event #: 97 Vessel: Vector UTC Date (dd|mmm|yyyy): 28 June 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		140	137	✓ 137.1	✓	✓													
2		141	135	✓ 135.0	✓	✓													
3		142	133	✓ 133.1	✓	✓													
4		143	100	✓ 100.1	✓	✓	✓												
5		144	75	✓ 75.2	✓	✓													
6		145	50	✓ 50.1	✓	✓													
7		146	25	✓ 25.3	✓	✓													
8		147	10	✓ 10.0	✓	✓													
9		148	5	✓ 5.1	✓✓	✓✓													
10		149	0	✓ 1.6	✓	✓													
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
KS

Bottom Depth: 138 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	00: 48	:
Bottom (BO)	00: 51	:
End (EN)	01: 03	:

Positional Information
Start
Lat: 49 ° 38 . 272 N
Lon: 124 ° 43 . 164 W

Bottom
Lat: 49 ° 38 . 875 N
Lon: 124 ° 43 . 147 W

Finish
Lat: 49 ° 38 . 863 N
Lon: 124 ° 43 . 154 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-476 Station: BS39 Event #: 100 Vessel: Vector UTC Date (dd|mmm|yyyy): 28 | June | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		150	173	✓ 172.9	✓	✓													
2		151	171	✓ 171.0	✓	✓													
3		152	169	✓ 169.1	✓	✓													
4		153	100	✓ 100.3	✓	✓	✓												
5		154	75	✓ 74.9	✓	✓													
6		155	50	✓ 50.2	✓✓	✓													
7		156	25	✓ 25.0	✓	✓													
8		157	10	✓ 10.2	✓	✓													
9		158	5	✓ 4.9	✓	✓✓													
10		159	0	✓ 1.6	✓	✓													
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

KS

Bottom Depth: 175 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	14 : 41	:
Bottom (BO)	14 : 46	:
End (EN)	15 : 01	:

Positional Information

Start

Lat: 49 ° 30.373 N

Lon: 124 ° 29.616 W

Bottom

Lat: 49 ° 30.356 N

Lon: 124 ° 29.608 W

Finish

Lat: 49 ° 30.298 N

Lon: 124 ° 29.562 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: B537 Event #: 101 Vessel: Vector UTC Date (dd|mmm|yyyy): 28 | June | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		170	160	✓ 160.1	✓	✓												
2		171	158	✓ 157.9	✓✓	✓												
3		172	156	✓ 156.1	✓	✓												
4		173	100	✓ 99.9	✓	✓	✓											
5		174	75	✓ 74.9	✓	✓												
6		175	50	✓ 49.9	✓	✓												
7		176	25	✓ 25.3	✓	✓												
8		177	10	✓ 10.0	✓	✓												
9		178	5	✓ 5.1	✓	✓✓												
10		179	0	✓ 1.7	✓	✓												
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
KS

Bottom Depth: 162 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17 : 21	:
Bottom (BO)	17 : 25	:
End (EN)	17 : 44	:

Positional Information

Start

Lat: 49 ° 35.945 N

Lon: 124 ° 39.317 W

Bottom

Lat: 49 ° 35.936 N

Lon: 124 ° 39.314 W

Finish

Lat: 49 ° 35.867 N

Lon: 124 ° 39.313 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-436 Station: BS38 Event #: 104 Vessel: Neodor UTC Date (dd|mmm|yyyy): 28 | Jun | 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		160	176	✓ 176.3	✓	✓												
2		161	174	✓ 173.8	✓	✓												
3		162	172	✓ 171.7	✓	✓												
4		163	100	✓ 100.0	✓	✓	✓											
5		164	75	✓ 74.9	✓✓	✓												
6		165	50	✓ 49.7	✓	✓												
7		166	25	✓ 24.9	✓	✓												
8		167	10	✓ 9.9	✓	✓												
9		168	5	✓ 5.1	✓✓	✓✓												
10		169	0	✓ 1.3	✓	✓												
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

KS

Bottom Depth: 178 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21:21	:
Bottom (BO)	21:26	:
End (EN)	21:39	:

Positional Information

Start

Lat: 49 ° 34.194 N

Lon: 124 ° 34.801 W

Bottom

Lat: 49 ° 34.196 N

Lon: 124 ° 34.818 W

Finish

Lat: 49 ° 34.220 N

Lon: 124 ° 34.838 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)