

Water Properties Group

Rosette Log

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

Cruise ID: 2014-06

Station: 51

Event #: 1

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 03 | APR | 2014

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken										Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed ☒ Pressure	Oxy	Nut	Sal	Chl a	NH ₄						
1	1			100	☒	+	+									
2	2			75	☒			✓								
3	3			50	☒											
4	4			40			XX									
5	5			30		XX										
6	6			20					✓✓							
7	7			10					✓✓							
8	8			5												
9	9			sfc		+	+		✓✓							
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC

Bottom Depth: 182 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	02:02	19:02
Bottom	02:05	
End	0222	

Positional Information
 Lat: 48 ° 39.11 N
 Lon: 123 ° 30.58 W

Start

Lat: 48 ° 39.10 N
 Lon: 123 ° 30.59 W

Bottom

Lat: 48 ° 39.10 N
 Lon: 123 ° 30.63 W

End

Oxygen Info For This Cast

Blank Value: _____ mL · L⁻¹

Std Value: _____ mL · L⁻¹

*Date Run: ____ | ____ | ____

Analyst: _____

* Oxygen blanks and standards should be run daily, if possible

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014 06 Station: 59 Event #: 3 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 03 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Filling #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a								
									DC							
1		10	5-5	✓ 227	X	X			X							
2		11	200	✓ 200			X		X							
3		12	175	✓ 175												
4		13	150	✓ 150	XX				X							
5		14	125	✓ 125		XY										
6		15	100	✓ 100					XX							
7		16	75	✓ 75					X							
8		17	50	✓ 50					X							
9		18	40	✓ 40												
10		19	30	✓ 30	XX				X							
11		20	20	✓ 20		XX		✓✓	X							
12		21	10	✓ 10				✓✓	XX							
13		22	5	✓ 5					X							
14		23	stc	✓ 1.6	X	X		✓✓	X							
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
ROS (default) | TIMEURUS | A-NISKIN
Watchkeeper(s):
R/LS/RL

Bottom Depth: 231 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 05:04 22:04
Bottom (BO) 05:09 22:09
End (EN) : :

Positional Information
Start Lat: 48 ° 37 . 81 N
Lon: 123 ° 14 . 63 W
Bottom Lat: 48 ° 37 . 80 N
Lon: 123 ° 14 . 60 W
Finish Lat: 48 ° 37 . 78 N
Lon: 123 ° 14 . 61 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: 2014 06 Station: 102 Event #: 7 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 03 | APR | 2014

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		24	6-	✓ 250	x	x										
2		25	200	✓			x									
3		26	175	✓												
4		27	150	✓	x	x										
5		28	125	✓												
6		29	100	✓		xx										
7		30	75	✓												
8		31	50	✓												
9		32	40	✓	x	x										
10		33	30	✓												
11		34	20	✓		xx		xx								
12		35	10	✓				xx								
13		36	5	✓												
14		37	sf	✓	x			xx								
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

37
CHL
102
2014-06
Bot 14
B

Spilled
twice
not run
←

Profile type:
Ros (default) | T-MoRos | X Niskin
Watchkeeper(s):
SR

Bottom Depth: 255 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 15:54 08:54
Bottom (BO) 15:59 :
End (EN) 16:17 :

Positional Information
Start
Lat: 48° 30.04 N
Lon: 124° 44.00 W
▼
Bottom
Lat: 48° 30.15 N
Lon: 124° 44.03 W
▼
Finish
Lat: 48° 30.50 N
Lon: 124° 44.21 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: 2014-06 Station: 75 Event #: 10 Vessel: Vector UTC Date (dd|mmm|yyyy): 03 | APR | 2014

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		38	6-5	222	X	X										
2		39	200		I		X									
3		40	175	✓	XX											
4		41	150	✓												
5		42	125			XX										
6		43	100													
7		44	75													
8		45	50													
9		46	40													
10		47	30		XX											
11		48	20			XX		XX								
12		49	10					XX								
13		50	5													
14		51	surf		↓	↓		XX								
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
Ros (default) | TrMetRos | X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 225 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 18:29 11:29
Bottom (BO) 18:34 :
End (EN) : :

Positional Information
Start Lat: 48° 28.23 N
Lon: 124° 32.84 W
Bottom Lat: 48° 28.20 N
Lon: 124° 32.93 W
Finish Lat: 48° 28. N
Lon: 124° 33.33 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: 2014-06 Station: 72 Event #: 13 Vessel: Vector UTC Date (dd|mmm|yyyy): 03|04|2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sai	Chi a	DIC							
1		52	6-5	✓	183	X	X		X							
2		53	175	✓	175			X								
3		54	150	✓	150				XX							
4		55	125	✓	125		XY									
5		56	100	✓	100	XX			X							
6		57	75	✓	75				X							
7		58	50	✓	50				X							
8		59	40	✓	40		XY									
9		60	30	✓	30	XX			XX							
10		61	20	✓	20			XX	X							
11		62	10	✓	10			XX	X							
12		63	5	✓	5				X							
13		64	5ft	✓	1.6	X	X	XX	X							
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TriMetiRos | X-Niskin
 Watchkeeper(s):
RL RS

Bottom Depth: 186 m
 Transmisso Cleaned: Y | N
 Fluorometer Cleaned: Y | N

Time	UTC	Local
Start (BE)	22:31	15:31
Bottom (BO)	22:37	15:37
End (EN)	22:49	15:51

Positional Information

Lat: 48° 18' . 60	N
Lon: 124° 4' . 02	W

▼

Lat: 48° 18' . 58	N
Lon: 124° 4' . 01	W

▼

Lat: 48° 18' . 53	N
Lon: 124° 3' . 96	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: 2014 06 Station: 69 Event #: 16 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 04 | APR | 2014

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		65	6-5	✓	174	XX	X												
2		66	150	✓	150	XX		Y											
3		67	125	✓	125	XX													
4		68	100	✓	100	XX	XX												
5		69	75	✓	75	XX													
6		70	50	✓	50	XX													
7		71	40	✓	40	XX													
8		72	30	✓	30	XX	XX												
9		73	20	✓	20	XX		XX											
10		74	10	✓	10	XX		XX											
11		75	5	✓	5	XX													
12		76	SPC	✓	1.5	XX		XX											
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
ROS (Gorquit) | TFMOTROS | X-NISKIN
Watchkeeper(s):
RS RL

Bottom Depth: 180 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 01 : 25 18 : 25
Bottom (BO) 01 : 32 18 : 32
End (EN) 01 : 42 18 : 42

Positional Information
Start Lat: 48 ° 15 . 59 N
Lon: 123 ° 43 . 14 W
Bottom Lat: 48 ° 15 . 57 N
Lon: 123 ° 43 . 14 W
Finish Lat: 48 ° 15 . 54 N
Lon: 123 ° 43 . 10 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: 201406 Station: ADCP Event #: 19 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 04 | APR | 2014

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		77	6-5	✓ 115	X	X												
2		78	100	✓ 100			X											
3		79	75	✓ 75														
4		80	50	✓ 50		XY												
5		81	40	✓ 40														
6		82	30	✓ 30	XY													
7		83	20	✓ 20				XX										
8		84	10	✓ 10				XX										
9		85	5	✓ 5														
10		86	stc	✓ 1.7	X	X		XX										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
ROS (default) | TFMETROS | X-NISKIN
Watchkeeper(s):
PO 18 R

Bottom Depth: 120 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 04:33 21:33
Bottom (BO) 04:37 21:37
End (EN) 04:45 21:45

Positional Information
Start
Lat: 48° 13.95 N
Lon: 123° 18.07 W
Bottom
Lat: 48° 13.96 N
Lon: 123° 18.05 W
Finish
Lat: 48° 13.97 N
Lon: 123° 18.04 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: 201406 Station: 65 Event #: 23 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 04 | APR | 2014

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		87	6-5	✓ 124		X												
2		88	100	✓			X											no
3		89	75	✓														oxygen
4		90	50	✓														samples
5		91	40	✓		XX												required
6		92	30	✓														
7		93	20	✓				XX										
8		94	10					XX										
9		95	5															
10		96	sfc			X		XX										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

96
CHL
Stn 65
2014-06
Bot 10
B

Spilled
the oil,
lost
run

Profile type:
Ros (default) | TriMetiRos | X-Niskin
Watchkeeper(s):
SOR

Bottom Depth: 125 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 07:23 12:23
Bottom (BO) 07:26 :
End (EN) 07:36 :

Positional Information
Start Lat: 48° 15.87 N
Lon: 123° 9.81 W
Bottom Lat: 48° 15.88 N
Lon: 123° 9.85 W
Finish Lat: 48° 15.91 N
Lon: 123° 9.99 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: 2014-06 Station: 62 Event #: 26 Vessel: Vector UTC Date (dd|mmm|yyyy): 04|APR|2014

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		97	6-5	✓ 145													
2		98	125	✓			X										
3		99	160	✓													
4		100	75	✓	XX	XX											
5		101	50	✓													
6		102	40	✓													
7		103	30	✓		XX											
8		104	20	✓				XX									
9		105	10	✓	XX			XX									
10		106	5	✓	↓	↓											
11		107	surf	✓	↓	↓		XX									
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
ROS (default) | TIMETROS | X-NISKIN
Watchkeeper(s):
SR

Bottom Depth: 148 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 10:13 03:13
Bottom (BO) 10:16 :
End (EN) 10:27 :

Positional Information
Start Lat: 48° 22.81 N
Lon: 123° 2.64 W
Bottom Lat: 48° 22.81 N
Lon: 123° 2.64 W
Finish Lat: 48° 23.04 N
Lon: 123° 2.77 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: 2014-06 Station: 56 Event #: 32 Vessel: Vector UTC Date (dd|mmm|yyyy): 04 | APR | 2014

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		108	6-5	✓ 220													
2		109	200	✓			X										
3		110	175	✓ 173													
4		111	150	✓													
5		112	125	✓													
6		113	100	✓													
7		114	75	✓	XX	XX											
8		115	50	✓													
9		116	40	✓													
10		117	30	✓		XX											
11		118	20					XX									
12		119	10		XX			XX									
13		120	5		↓	↓											
14		121	Surf		↓	↓		XX									
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
 ROS (default) | T-Met | ROS | X-Niskin
 Watchkeeper(s):
Car

Bottom Depth: 230 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 18:04 11:04
 Bottom (BO) 18:09 11:09
 End (EN) 18:23 11:23

Positional Information
 Start
 Lat: 48° 46.31 N
 Lon: 123° 1.52 W
 Bottom
 Lat: 48° 46.29 N
 Lon: 123° 1.49 W
 Finish
 Lat: 48° 46.32 N
 Lon: 123° 1.51 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: 2014 06 Station: 46 Event #: 39 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 04 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sai	Chi a									
1		122	6-5	✓	173												
2		123	150	✓	150			X									
3		124	125	✓	125												
4		125	100	✓	100	XY											
5		126	75	✓	75		XX										
6		127	50	✓	50												
7		128	40	✓	40												
8		129	30	✓	30		XX										
9		130	20	✓	20	XY		XX									
10		131	10	✓	10			XX									
11		132	5	✓	5												
12		133	sfc	✓	1.6			XX									
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
 Ros (default) | TrMetiRos | X-Niskin
 Watchkeeper(s):
RS RL

Bottom Depth: 177 m
 Transmisso Cleaned: (Y) / N
 Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	<u>22:59</u>	<u>15:39</u>
Bottom (BO)	<u>23:03</u>	<u>16:03</u>
End (EN)	<u>23:13</u>	<u>16:13</u>

Positional Information

Start	Lat: <u>48° 51' 39"</u> N
	Lon: <u>123° 10' 81"</u> W
Bottom	Lat: <u>48° 51' 40"</u> N
	Lon: <u>123° 10' 79"</u> W
Finish	Lat: <u>48° 51' 41"</u> N
	Lon: <u>123° 10' 80"</u> 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: 201406 Station: 42 Event #: 43 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 05 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sat	Chl a									
1		134	6-5	✓ 315	X	X			X								
2		135	300	✓ 300			X										
3		136	250	✓ 250					X								
4		137	200	✓ 200					XX								
5		138	175	✓ 175	XX												
6		139	150	✓ 150		XX			X								
7		140	125	✓ 125					X								
8		141	100	✓ 100					X								
9		142	75	✓ 75					X								
10		143	50	✓ 50					X								
11		144	40	✓ 40	XX				X								
12		145	30	✓ 30		XX			X								
13		146	20	✓ 20				XX	XX								
14		147	10	✓ 10				XX	X								
15		148	5	✓ 5					X								
16		149	SPC	✓ 1.9				XX	X								
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
☒ ROS (Vertical) ☐ TIME/ROS ☐ X-ROS
 Watchkeeper(s):
RL KS RL

Bottom Depth: 300 m
 Transmisso Cleaned: ☒ Y / ☐ N
 Fluorometer Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start (BE)	<u>02:42</u>	<u>19:42</u>
Bottom (BO)	<u>02:48</u>	<u>19:48</u>
End (EN)	<u>03:04</u>	<u>20:04</u>

Positional Information

Start	Lat: <u>49</u> ° <u>1.79</u> N
	Lon: <u>123</u> ° <u>26.17</u> W
Bottom	Lat: <u>49</u> ° <u>1.79</u> N
	Lon: <u>123</u> ° <u>26.21</u> W
Finish	Lat: <u>49</u> ° <u>1.80</u> N
	Lon: <u>123</u> ° <u>26.24</u> 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: 2014-06 Station: 39 Event #: 49 Vessel: Vector UTC Date (dd|mmm|yyyy): 05 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Filling #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		150	6-5	✓ 375	X	X												
2		151	350				X											
3		152	300															
4		153	250															
5		154	200		XX													
6		155	175			XX												
7		156	150															
8		157	125															
9		158	100															
10		159	75															
11		160	50															
12		161	40		XX													
13		162	30			XX												
14		163	20					XX										
15		164	10					XX										
16		165	5															
17		166	Stc					XX										
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
 RUS (Default) | TIME/RUS | A-NISKIN
 Watchkeeper(s):
SR

Bottom Depth: 379 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	07:29	12:29
Bottom (BO)	07:36	:
End (EN)	07:59	:

Positional Information

Lat:	49 °	9.78	N
Lon:	123 °	33.01	W

▼

Lat:	49 °	9.77	N
Lon:	123 °	33.05	W

▼

Lat:	49 °	9.72	N
Lon:	123 °	33.07	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: 2014-06

Station: 27

Event #: 53

Vessel: Vector

UTC Date (dd|mmm|yyyy): 05 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments
Niskin #	Filling #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a							
1		167	B-5	✓ 360											
2		168	300	✓			X								
3		169	250	✓											
4		170	200	✓	XX										
5		171	175	✓		XX									
6		172	150	✓											
7		173	125	✓											
8		174	100	✓											
9		175	75	✓											
10		176	50	✓											
11		177	40	✓	XX										
12		178	30	✓		XX									
13		179	20	✓				XX							
14		180	10	✓				XX							
15		181	5	✓											
16		182	surf	✓				XX							
17															
18															
19															
20															
21															
22															
23															
24															

Profile type:
 ROS (Default) | TIMEURUS | A-NISKIN
 Watchkeeper(s):
SR

Bottom Depth: 363 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 11:27 04:27
 Bottom (BO) 11:35 :
 End (EN) 11:53 :

Positional Information
 Start
 Lat: 49° 19.23 N
 Lon: 123° 47.87 W
 Bottom
 Lat: 49° 19.31 N
 Lon: 123° 47.81 W
 Finish
 Lat: 49° 19.51 N
 Lon: 123° 47.68 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: 2014-06 Station: 2 Event #: 57 Vessel: Vector UTC Date (dd|mmm|yyyy): 05 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Flag #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a									
1		183	6-5	278													
2		184	250				X										
3		185	200		XX												
4		186	175			XX											
5		187	150														
6		188	125														
7		189	100														
8		190	75														
9		191	50														
10		192	40		XX												
11		193	30			XX											
12		194	20					XX									
13		195	10					XX									
14		196	5														
15		197	Surf		↓	↓		XX									
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
☒ Rus (default) ☐ TIMEBUS ☒ X-Riskin
Watchkeeper(s):
SR

Bottom Depth: 281 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start (BE)	15:29	08:29
Bottom (BO)	15:35	:
End (EN)	15:51	:

Positional Information
Start
Lat: 49° 24.11 N
Lon: 124° 9.34 W
▼
Bottom
Lat: 49° 24.06 N
Lon: 124° 9.36 W
▼
Finish
Lat: 49° 23.94 N
Lon: 124° 9.29 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: 2014-06 Station: 3 Event #: 62 Vessel: Vector UTC Date (dd|mmm|yyyy): 05 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Filling #	Sample #	Target Pressure	Continued Pressure	Day	Nit	Sal	Chl a									
1		198	250	✓ 317													
2		199	300	✓ 300			X										
3		200	250	✓ 250			X										
4		201	200	✓ 200													
5		202	175	✓ 175		XX											
6		203	150	✓ 150													
7		204	125	✓ 125													
8		205	100	✓ 100													
9		206	75	✓ 75													
10		207	50	✓ 50													
11		208	40	✓ 40													
12		209	30	✓ 30		XX											
13		210	20	✓ 20				XX									
14		211	10	✓ 10				XX									
15		212	5	✓ 5													
16		213	Surf	✓ 1.7				XX									
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
NUS (Vertical) | TIME/NUS | X-NISKIN
Watchkeeper(s):
RL RS

Bottom Depth: 322 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 19 : 14 12 : 14
Bottom (BO) 19 : 20 12 : 20
End (EN) 19 : 36 12 : 36

Positional Information
Start
Lat: 49 ° 26 . 60 N
Lon: 124 ° 20 . 20 W
Bottom
Lat: 49 ° 26 . 62 N
Lon: 124 ° 20 . 18 W
Finish
Lat: 49 ° 26 . 59 N
Lon: 124 ° 20 . 17 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: 2014 06 Station: BS 17 Event #: 63 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 05 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Continued Pressure	Oxy	Nut	Sal	Chl a	DIC							
1		214	6-5	✓ 55	X	X			X							
2		215	50	✓ 50			X		X							
3		216	40	✓ 40					XX							
4		217	30	✓ 30	XX				X							
5		218	20	✓ 20		XX		XX	X							
6		219	10	✓ 10				XX	X							
7		220	5	✓ 5					XX							
8		221	Sfc	✓ 1.8	X	X		XX	X							
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
☐ ROS (Vertical) ☐ TIME/ROS ☐ X-ROSKIT
 Watchkeeper(s):
PKS PL

Bottom Depth: 58 m
 Transmisso Cleaned: ☒ Y / ☐ N
 Fluorometer Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start (BE)	21 : 40	14 : 40
Bottom (BO)	21 : 42	14 : 42
End (EN)	21 : 49	14 : 49

Positional Information

Start	Lat: <u>49</u> ° <u>29</u> . <u>07</u> N
	Lon: <u>124</u> ° <u>45</u> . <u>94</u> W
Bottom	Lat: <u>49</u> ° <u>29</u> . <u>06</u> N
	Lon: <u>124</u> ° <u>45</u> . <u>93</u> W
Finish	Lat: <u>49</u> ° <u>29</u> . <u>03</u> N
	Lon: <u>124</u> ° <u>45</u> . <u>89</u> 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: 2014 06 Station: 6 Event #: 67 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 06 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Continued ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		222	5-5	✓ 186	X	X												
2		223	175	✓ 175			X											
3		224	150	✓ 150														
4		225	125	✓ 125		XY												
5		226	100	✓ 100	XX													
6		227	75	✓ 75														
7		228	50	✓ 50														
8		229	40	✓ 40		XY												
9		230	30	✓ 30														
10		231	20	✓ 20	XY			XX										
11		232	10	✓ 10				XX										
12		233	5	✓ 5														
13		234	sfc	✓ 1.8				XX										
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
NUS (Default) | TIMEUS | A-NISKIN
Watchkeeper(s):
RL KS RL

Bottom Depth: 190 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 00 : 54 17 : 54
Bottom (BO) 00 : 58 17 : 58
End (EN) : :

Positional Information
Start Lat: 49 ° 30 . 64 N
Lon: 124 ° 27 . 75 W
Bottom Lat: 49 ° 30 . 62 N
Lon: 124 ° 27 . 73 W
Finish Lat: 49 ° 30 . 64 N
Lon: 124 ° 27 . 70 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: 2014-06 Station: 9 Event #: 70 Vessel: Vector UTC Date (dd|mmm|yyyy): 06 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Continued Pressure	Oxy	Nut	Sal	Chl a										
1		235	6-5	✓	164		X											
2		236	150	✓	150			X										
3		237	125	✓	125													
4		238	100	✓	100													
5		239	75	✓	75		XX											
6		240	50	✓	50													
7		241	40	✓	40													
8		242	30	✓	30													
9		243	20	✓	20		XX		XX									
10		244	10	✓	10				XX									
11		245	5	✓	5													
12		246	5fe	✓	1.8				XX									
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
ROS (Default) | TIMEBROS | A-NISKIN
Watchkeeper(s):

Bottom Depth: 168 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 03:31 20:31
Bottom (BO) 03:34 20:34
End (EN) 03:45 20:35

Positional Information
Start
Lat: 49° 35.50 N
Lon: 124° 38.26 W
Bottom
Lat: 49° 35.49 N
Lon: 124° 38.28 W
Finish
Lat: 49° 35.48 N
Lon: 124° 38.27 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: 2014-06

Station: 12

Event #: 73

Vessel: Vector

UTC Date (dd|mmm|yyyy): 06 | APR | 2014

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		247	b-5	✓ 351	x	x				x	x					
2		248	300	✓ 300	↓	↓	x			↓						
3		249	250	✓ 250	↓	↓				↓						
4		250	200	✓ 200	↓	↓				↓						
5		251	175	✓ 175	xx	↓				↓						
6		252	150	✓ 150	↓	xx				↓						
7		253	125	✓ 125	↓	↓				xx						
8		254	100	✓ 100	↓	↓				↓						
9		255	75	✓ 75	↓	↓				↓						
10		256	50	✓ 50	↓	↓				↓						
11		257	40	✓ 40	↓	↓				xx						
12		258	30	✓ 30	↓	xx				x						
13		259	20	✓ 20	xx	↓		xx		x						
14		260	10	✓ 10	↓	↓		xx		x						
15		261	5	✓ 5	↓	↓				x						
16		262	ste	✓ 1.9	↓	↓		xx		x						
17																
18		248	300	✓						x						
19																
20																
21																
22																
23																
24																

Profile type:
 ROS (Default) | TIMEUROS | A-NISKIN
 Watchkeeper(s):
PO NS RL

Bottom Depth: 357 m
 Transmisso Cleaned: (Y) / N
 Fluorometer Cleaned: (Y) / N
 Time UTC Local
 Start (BE) 05:40 22:40
 Bottom (BO) 05:47 22:47
 End (EN) 06:05 23:05

Positional Information
 Start
 Lat: 49 ° 43.62 N
 Lon: 124 ° 40.85 W
 Bottom
 Lat: 49 ° 43.62 N
 Lon: 124 ° 40.82 W
 Finish
 Lat: 49 ° 43.60 N
 Lon: 124 ° 40.81 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: 2014-06 Station: 14 Event #: 76 Vessel: Vector UTC Date (dd|mmm|yyyy): 06 | APR | 2014

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments
Niskin #	Firing #	Sample #	Target Pressure	Continued ✓ Pressure	Oxy	Nut	Sal	Chl a							
1		263	b-5	309											
2		264	250				X								
3		265	200												
4		266	175		XX										
5		267	150			XX									
6		268	125												
7		269	100												
8		270	75												
9		271	50												
10		272	40												
11		273	30			XX									
12		274	20		XX			XX							
13		275	10					XX							
14		276	5												
15		277	surf		↓	↓		XX							
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type:
ROS (Default) | TIMEBROS | A-NISKIN
Watchkeeper(s):
SR

Bottom Depth: 313 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N
Time UTC Local
Start (BE) 09:45 02:45
Bottom (BO) 09:51 :
End (EN) 10:11 :

Positional Information
Start Lat: 49° 52.96 N
Lon: 124° 59.76 W
Bottom Lat: 49° 52.90 N
Lon: 124° 59.90 W
Finish Lat: 49° 52.80 N
Lon: 124° 0.12 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: 2014-06 Station: 16 Event #: 78 Vessel: Vector UTC Date (dd|mmm|yyyy): 06 | APR | 2014

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		278	6.5	✓ 144													
2		279	125				X										
3		280	100			XX											
4		281	75		XX												
5		282	50														
6		283	40														
7		284	30			XX											
8		285	20		XX			XX									
9		286	10					XX									
10		287	5		↓	↓											
11		288	Surf					XX									
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:

RCS (Getaway) | T-MET/RCS | A-NISKIN

Watchkeeper(s):

SR

Bottom Depth: 150 m

Transmisso Cleaned: Y | N

Fluorometer Cleaned: Y | N

Time	UTC	Local
Start (BE)	11 : 36	04 : 36
Bottom (BO)	11 : 39	:
End (EN)	11 : 57	:

Positional Information

Start	Lat: 49° 57.82 N
	Lon: 125° 8.74 W
Bottom	Lat: 49° 57.82 N
	Lon: 125° 8.75 W
Finish	Lat: 49° 57.81 N
	Lon: 125° 8.76 W

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