

Water Properties Group

Rosette Log

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

Cruise ID: 2012-06 Station: SI Event #: 1 Ship: VECTOR UTC Date (dd|mmm|yyyy): 19 | SEP | 2012

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	☒	100	X	X	X							
2	2			75	☒	75										
3	3			50	☒	50										
4	4			40	☒	40	X									
5	5			30	☒	30		X								
6	6			20	☒	20			xx							
7	7			10	☒	10			xx							
8	8			5	☒	5										
9	9			stc	☒	0.19	X	X	xx							
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): _____

Bottom Depth: 171 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	2243	1543
Bottom	2246	1546
End	2256	1556

Positional Information

Start	Lat: 48 °	39.47	N
	Lon: 123 °	29.93	W

Bottom

Lat: 48 °	39.47	N
Lon: 123 °	29.94	W

End

Lat: 48 °	39.49	N
Lon: 123 °	29.94	W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 59 Event #: 3 Ship: Vector UTC Date (dd|mmm|yyyy): 19 | Sep | 2012

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken											Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a	NH₄ <u>DIC</u>							
1	10			6-5	✓ 222	X	X			X							
2	11			200	✓ 201			X									
3	12			175	✓ 175												
4	13			150	✓ 151		X			X							
5	14			125	✓ 125	X											
6	15			100	✓ 100												
7	16			75	✓ 75					X							
8	17			50	✓ 50												
9	18			40	✓ 40	X											
10	19			30	✓ 30		X			XX							
11	20			20	✓ 20				XX								
12	21			10	✓ 10				XX	X							
13	22			5	✓ 5												
14	23			sfc	✓ .15	↓	↓		XX	X							
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Watchkeeper(s): PC KS FL

Bottom Depth: 226 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0136	1836
Bottom	0140	1840
End	0200	1900

Positional Information

Start

Lat: 48 ° 37.77 N

Lon: 123 ° 14.67 W

Bottom

Lat: 48 ° 37.77 N

Lon: 123 ° 14.65 W

End

Lat: 48 ° 37.78 N

Lon: 123 ° 14.63 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 102 Event #: 7 Ship: Vector UTC Date (dd|mmm|yyyy): 20 | Sept | 2012

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	24			6-5	✓ 252	X	X									
2	25			200	✓ 201			X								
3	26			175	✓ 174	X										
4	27			150	✓											
5	28			125	✓		X									
6	29			100	✓											
7	30			75	✓											
8	31			50	✓											
9	32			40	✓											
10	33			30	✓	X	X									
11	34			20	✓				XX							
12	35			10	✓				XX							
13	36			5	✓				XX							
14	37			sfc		↓	↓		XX							
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 256 m

Transmisso Cleaned: (Y) / N

	UTC	Local
Time Start	1139	0439
Bottom	1145	
End	1207	

Positional Information
 Start Lat: 48 ° 30.00 N
 Lon: 124 ° 44.01 W

Bottom Lat: 48 ° 30.02 N
 Lon: 124 ° 43.99 W

End Lat: 48 ° 30.06 N
 Lon: 124 ° 43.75 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 75 Event #: 10 Ship: Vector UTC Date (dd|mmm|yyyy): 20 | Sept | 2012

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	38			6-5	☒ 218	X	X									
2	39			200	☒			X								
3	40			175	☒											
4	41			150	☒		X									
5	42			125	☒	X										
6	43			100	☒											
7	44			75	☒											
8	45			50	☒											
9	46			40	☒	X										
10	47			30	☒											
11	48			20	☒				xx							
12	49			10	☒		X		xx							
13	50			5	☒											
14	51			sfc		↓	↓		xx							
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 223 m

Transmisso Cleaned: ☒ Y / N

Time	UTC	Local
Start	1450	0750
Bottom	1455	
End		

Positional Information

Start
 Lat: 48 ° 28.16 N
 Lon: 124 ° 32.85 W

Bottom
 Lat: 48 ° 28.15 N
 Lon: 124 ° 32.85 W

End
 Lat: 48 ° 28.14 N
 Lon: 124 ° 32.85 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: Stn 72 Event #: 13 Ship: Vector UTC Date (dd|mmm|yyyy): 20 | SEP | 2012

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	DIC					
1	52			8-5	✓ 185	X	X				X					
2	53			175	✓ 175	X		X								
3	54			150	✓ 150		X				X					
4	55			125	✓ 125											
5	56			100	✓ 100											
6	57			75	✓ 75						X					
7	58			50	✓ 50											
8	59			40	✓ 40											
9	60			30	✓ 30						XX					
10	61			20	✓ 20				XX							
11	62			10	✓ 10	X	X		XX		X					
12	63			5	✓ 5											
13	64			5fc	✓ 0.19	↓	↓		XX		X					
14																
15																
16																
17	62															trip bottle 17 in case 11 fails
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC VS FL LT

Bottom Depth: 188 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1935	1235
Bottom	1939	1239
End	1951	1251

Positional Information

Start

Lat: 48 ° 18.37 N

Lon: 124 ° 4.12 W

Bottom

Lat: 48 ° 18.37 N

Lon: 124 ° 4.11 W

End

Lat: 48 ° 18.37 N

Lon: 124 ° 4.11 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 69 Event #: 16 Ship: Vector UTC Date (dd|mmm|yyyy): 20 | Sep | 2012

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	65			6-5	✓ 173	X	X									
2	66			150	✓ 150			X								
3	67			125	✓ 125	X										
4	68			100	✓ 100		X									
5	69			75	✓ 75											
6	70			50	✓ 50											
7	71			40	✓ 40	X										
8	72			30	✓ 30											
9	73			20	✓ 20		X		XX							
10	74			10	✓ 10				XX							
11	75			5	✓ 5											
12	76			sfc	✓ .8	↓	↓		XX							
13																
14																
15																
16																
17	spare	fine	bottle													
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC KS FL

Bottom Depth: 175 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	2236	1536
Bottom	2239	1539
End	2252	1552

Positional Information

Start
 Lat: 48 ° 15.46 N
 Lon: 123 ° 43.33 W

Bottom
 Lat: 48 ° 15.47 N
 Lon: 123 ° 43.33 W

End
 Lat: 48 ° 15.49 N
 Lon: 123 ° 43.51 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: ADCP Event #: 19 Ship: Vector UTC Date (dd|mmm|yyyy): 20 | Sep | 2012

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	77			6-5	✓ 113	X	X									
2	78			100	✓ 100			X								
3	79			75	✓ 75		X									
4	80			50	✓ 50											
5	81			40	✓ 40											
6	82			30	✓ 30											
7	83			20	✓ 20				XX							
8	84			10	✓ 10	X			XX							
9	85			5	✓ 5											
10	86			sfc	✓ 1.0	✓	✓		XX							
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC KS FL

Bottom Depth: 120 m

Transmisso Cleaned: (Y) / N

	UTC	Local
Time Start	0151	1851
Bottom	0154	1854
End	0203	1903

Positional Information

Start Lat: 48 ° 13.98 N
Lon: 123 ° 18.08 W

Bottom Lat: 48 ° 13.99 N
Lon: 123 ° 18.04 W

End Lat: 48 ° 13.92 N
Lon: 123 ° 17.87 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 65 Event #: 23 Ship: Vector UTC Date (dd|mmm|yyyy): 20 | Sep | 2012

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	87			6-5	✓ 112		X									
2	88			100	✓ 100			X								
3	89			75	✓ 75											
4	90			50	✓ 50											
5	91			40	✓ 40											
6	92			30	✓ 30											
7	93			20	✓ 20				XX							
8	94			10	✓ 10		X		XX							
9	95			5	✓ 5											
10	96			sfc	✓ 1.1		↓		XX							
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC KS FL

Bottom Depth: 120 m

Transmisso Cleaned: Y Y N

Time	UTC	Local
Start	0555	2255
Bottom	0558	2258
End	0608	2308

Positional Information
 Start
 Lat: 48 ° 15.97 N
 Lon: 123 ° 9.17 W

Bottom
 Lat: 48 ° 15.93 N
 Lon: 123 ° 9.30 W

End
 Lat: 48 ° 15.83 N
 Lon: 123 ° 9.61 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 62 Event #: 26 Ship: Vector UTC Date (dd|mmm|yyyy): 1 Sep 2012

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	97			6-10	√ 136	X	X									
2	98			125	√			X								
3	99			100	√											
4	100			75												
5	101			50												
6	102			40												
7	103			30		X										
8	104			20			X		XX							
9	105			10					XX							
10	106			5												
11	107			stc		√	√		XX							
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 144 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0947	0247
Bottom	0951	
End		

Positional Information
 Lat: 48 ° 22.86 N
 Lon: 123 ° 2.53 W

Start

Lat: 48 ° 22.87 N
 Lon: 123 ° 2.52 W

Bottom

Lat: 48 ° 22. N
 Lon: 123 ° 2. 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

Rosette Log

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

Cruise ID: 2012-06

Station: 56

Event #: 31

Ship: Vector

UTC Date (dd|mmm|yyyy): 21 | Sept | 2012

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	108			6-5	☒ 204	X	X									
2	109			200	☒			X								
3	110			175	☒	X										
4	111			150	☒											
5	112			125	☒			X								
6	113			100	☒											
7	114			75	☒											
8	115			50	☒											
9	116			40	☒											
10	117			30	☒	X										
11	118			20			X		XX							
12	119			10					XX							
13	120			5					XX							
14	121			surf					XX							
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 210 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1551	0851
Bottom	1555	
End	1607	

Positional Information

Start
 Lat: 48 ° 46.46 N
 Lon: 123 ° 1.52 W

Bottom
 Lat: 48 ° 46.55 N
 Lon: 123 ° 1.43 W

End
 Lat: 48 ° 46.80 N
 Lon: 123 ° 1.10 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 46 Event #: 39 Ship: Vector UTC Date (dd|mmm|yyyy): 21 | SEP | 2012

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	122			6-5	✓ 176	x	x									
2	123			150	✓ 150			x								
3	124			125	✓ 125											
4	125			100	✓ 100		x									
5	126			75	✓ 75											
6	127			50	✓ 50	x										
7	128			40	✓ 40											
8	129			30	✓ 30											
9	130			20	✓ 20				xx							
10	131			10	✓ 10				xx							
11	132			5	✓ 5	x	x									
12	133			sif	✓ 0.5				xx							
13																
14					✓											fine for integrity check
15																
16																- okay -
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): RC KS FL

Bottom Depth: 177 m

Transmisso Cleaned: Y / N

	UTC	Local
Time Start	2211	1511
Bottom	2216	1516
End		

Positional Information

Start Lat: 48 ° 51.43 N
 Lon: 123 ° 10.91 W

Bottom Lat: 48 ° 51.43 N
 Lon: 123 ° 10.93 W

End Lat: 48 ° N
 Lon: 123 ° W

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

Rosette Log

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

Cruise ID: 2012-06

Station: 42

Event #: 43

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 21 | Sep | 2012

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 DIC				
1	134			5-5	☒ 316					X				
2	135			300	☒ 300			X						
3	136			250	☒ 250					X				
4	137			200	☒ 200	X				X				
5	138			175	☒ 175		X							
6	139			150	☒ 150					X				
7	140			125	☒ 125									
8	141			100	☒ 100									
9	142			75	☒ 75					X				
10	143			50	☒ 50					XX				
11	144			40	☒ 40		X							
12	145			30	☒ 30	X				X				
13	146			20	☒ 20				XX	X				
14	147			10	☒ 10				XX	X				
15	148			5	☒ 5				XX	X				
16	149			spc	☒ .4				XX	X				
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): PC KS FL LT

Bottom Depth: 320 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0132	1832
Bottom	0139	1839
End	0155	1855

Positional Information

Start

Lat: 49 ° 1.75 N

Lon: 123 ° 26.34 W

Bottom

Lat: 49 ° 1.74 N

Lon: 123 ° 26.34 W

End

Lat: 49 ° 1.74 N

Lon: 123 ° 26.35 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 39 Event #: 50 Ship: Vector UTC Date (dd|mmm|yyyy): | Sep | 2012

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	150			6-5	✓ 365	X	X									
2	151			350	✓	↓	↓	X								
3	152			300	✓	↓	↓									
4	153			250	✓	X	↓									
5	154			200	✓	↓	X									
6	155			175	✓	↓	↓									
7	156			150	✓	↓	↓									
8	157			125	✓	↓	↓									
9	158			100	✓	X	↓									
10	159			75	✓	↓	↓									
11	160			50	✓	↓	X									
12	161			40	✓	↓	↓									
13	162			30	✓	↓	↓									
14	163			20	✓	↓	↓		XX							
15	164			10	✓	↓	↓		XX							
16	165			5	✓	↓	↓		XX							
17	166			sfc	✓	↓	↓		XX							
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 370 m

Transmisso Cleaned: ☒ Y / ☐ N

	UTC	Local
Time		
Start	0650	2350
Bottom	0659	
End	0720	

Positional Information

Start

Lat: 49 ° 9.95 N

Lon: 123 ° 32.73 W

Bottom

Lat: 49 ° 9.93 N

Lon: 123 ° 32.72 W

End

Lat: 49 ° 9.94 N

Lon: 123 ° 32.77 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: Stn 27 Event #: 55 Ship: Vector UTC Date (dd|mmm|yyyy): 22 | Sept | 2012

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	167			6-5	339	x	x									
2	168			300				x								
3	169			250		x										
4	170			200			x									
5	171			175												
6	172			150												
7	173			125												
8	174			100												
9	175			75												
10	176			50			x									
11	177			40												
12	178			30		x										
13	179			20					xx							
14	180			10					xx							
15	181			5					xx							
16	182			surf					xx							
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): STR

Bottom Depth: 344 m

Transmisso Cleaned: (Y) N

	UTC	Local
Time Start	1104	0404
Bottom	1111	
End	1129	

Positional Information
 Start Lat: 49 ° 19.16 N
 Lon: 123 ° 47.97 W

Bottom Lat: 49 ° 19.17 N
 Lon: 123 ° 47.99 W

End Lat: 49 ° 19.19 N
 Lon: 123 ° 48.08 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: sn 2 Event #: 59 Ship: Vector UTC Date (dd|mmm|yyyy): 22 | Sept | 2012

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	183			6-5	275	X	X									
2	184			250				X								
3	185			200												
4	186			175												
5	187			150												
6	188			125		X										
7	189			100												
8	190			75			X									
9	191			50												
10	192			40												
11	193			30												
12	194			20					XX							fired without waiting 30 seconds
13	195			10		X			XX							
14	196			5					XX							
15	197			500			X		XX							
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 280 m

Transmisso Cleaned: (Y) N

	UTC	Local
Time		
Start	1526	0826
Bottom	1532	
End	1548	

Positional Information

Start

Lat: 49 ° 24.06 N

Lon: 124 ° 9.31 W

Start

Bottom

Lat: 49 ° 24.05 N

Lon: 124 ° 9.32 W

Bottom

End

Lat: 49 ° 24.05 N

Lon: 124 ° 9.30 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

Rosette Log

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

Cruise ID: 2012-06

Station: Stn 3

Event #: 64

Ship: Vector

UTC Date (dd|mmm|yyyy): 22 | Sept | 2012

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	198			B-5	✓ 322		X									
2	199			300	✓ 300			X								
3	200			250	✓ 250											
4	201			200	✓ 200											
5	202			175	✓ 175											
6	203			150	✓ 150											
7	204			125	✓ 125											
8	205			100	✓ 100											
9	206			75	✓ 75		X									
10	207			50	✓ 50											
11	208			40	✓ 40											
12	209			30	✓ 30											
13	210			20	✓ 20				XX							
14	211			10	✓ 10											
15	212			5	✓ 5				XX							
16	213			5.5	✓ 0.5		X		XX							
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC FL KS

Bottom Depth: 327 m

Transmisso Cleaned: ☒ Y / ☐ N

	UTC	Local
Time Start	1849	1149
Bottom	1856	1156
End	1914	1215

Positional Information

Start Lat: 49 ° 26.56 N
Lon: 124 ° 20.29 W

Bottom Lat: 49 ° 26.55 N
Lon: 124 ° 20.27 W

End Lat: 49 ° 26.52 N
Lon: 124 ° 20.27 W

Oxygen Info For This Cast

Blank Value: _____ mL · L⁻¹

Std Value: 4 mL · L⁻¹

*Date Run: 22 / 9 / 2012

Analyst: [Signature]

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

Water Properties Group

Rosette Log

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

Cruise ID: 2012-06 Station: STN 6 Event #: 68 Ship: Vector UTC Date (dd|mmm|yyyy): 22 | Sep | 2012

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	214			6-5	☒	187	X	X								
2	215			175	☒	175			X							
3	216			150	☒	150										
4	217			125	☒	125			X							
5	218			100	☒	100										
6	219			75	☒	75	X									
7	220			50	☒	50										
8	221			40	☒	40										
9	222			30	☒	30										
10	223			20	☒	20		X	XX							
11	224			10	☒	10			XX							
12	225			5	☒	5	X									
13	226			sfc	☒	0.4	↓	↓	XX							
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): EC RS FL

Bottom Depth: 192 m

Transmisso Cleaned: ☒ Y / ☐ N

	Time	UTC	Local
Start		2126	1426
Bottom		2131	1431
End		2143	1443

Positional Information

Start

Lat: 49 ° 30.66 N

Lon: 124 ° 27.77 W

Bottom

Lat: 49 ° 30.68 N

Lon: 124 ° 27.80 W

End

Lat: 49 ° 30.75 N

Lon: 124 ° 27.78 W

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

Rosette Log

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

Cruise ID: 2012-06 Station: 9 Event #: 71 Ship: Vector UTC Date (dd|mmm|yyyy): 23 | Sep | 2012

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	227			6-5	✓ 161		X									
2	228			150	✓ 150			X								
3	229			125	✓ 125											
4	230			100	✓ 100		X									
5	231			75	✓ 75											
6	232			50	✓ 50											
7	233			40	✓ 40											
8	234			30	✓ 30											
9	235			20	✓ 20		X		XX							
10	236			10	✓ 10				XX							
11	237			5	✓ 5											
12	238			sfc	✓ 0.4		✓		XX							
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): KE FL

Bottom Depth: 166 m

Transmisso Cleaned: ☒ Y ☐ N

	UTC	Local
Time		
Start	0030	1730
Bottom	0035	1735
End	0046	1746

Positional Information

Start
 Lat: 49 ° 35.52 N
 Lon: 124 ° 38.49 W

Start

Bottom

Bottom
 Lat: 49 ° 35.53 N
 Lon: 124 ° 38.53 W

End

End
 Lat: 49 ° 35.52 N
 Lon: 124 ° 38.63 W

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

Rosette Log

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

Cruise ID: 2012 06 Station: 12 Event #: 76 Ship: VECTOR UTC Date (dd|mmm|yyyy): 23 | SEP | 2012

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 DIC				
1	239			6-5	☒ 348	X	X			X				
2	240			300	☒ 300			X						
3	241			250	☒ 250					X				
4	242			200	☒ 200		X			X				
5	243			175	☒ 175									
6	244			150	☒ 150					X				
7	245			125	☒ 125									
8	246			100	☒ 100									
9	247			75	☒ 75	X				X				
10	248			50	☒ 50		X			XX				
11	249			40	☒ 40									
12	250			30	☒ 30					X				
13	251			20	☒ 20				XX	X				
14	252			10	☒ 10	X			XX	X				
15	253			5	☒ 5					X				
16	254			Stc	☒ 0.5	✓	✓		XX	X				
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): IC KS FL LT

Bottom Depth: 354 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0304	2004
Bottom	0313	0213
End	0329	2029

Positional Information

Start

Lat: 49 ° 43.57 N

Lon: 124 ° 40.98 W

Bottom

Lat: 49 ° 43.54 N

Lon: 124 ° 40.99 W

End

Lat: 49 ° 43.55 N

Lon: 124 ° 41.14 W

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

Rosette Log

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

Cruise ID: 2012-06

Station: 14

Event #: 82

Ship: Vector

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

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	255			6-5	308	X	X									
2	256			250	251			X								
3	257			200		X										
4	258			175			X									
5	259			150												
6	260			125												
7	261			100												
8	262			75												
9	263			50												
10	264			40												
11	265			30												
12	266			20			X		xx							
13	267			10		X			xx							
14	268			5												
15	269			sfc		✓	✓		xx							
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 313 m

Transmisso Cleaned: ☒ Y / ☐ N

	UTC	Local
Start	1027	0327
Bottom	1033	
End	1050	

Positional Information
 Lat: 49 ° 53.00 N
 Lon: 124 ° 59.57 W

Bottom
 Lat: 49 ° 52.98 N
 Lon: 124 ° 59.53 W

End
 Lat: 49 ° 52.99 N
 Lon: 124 ° 59.61 W

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

Rosette Log

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

Cruise ID: 2012-06

Station: Sta 16

Event #: 88

Ship: Vector

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

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	270			65	151	X	X									
2	271			125	122	X		X								
3	272			100												
4	273			75			X									
5	274			50												
6	275			40												
7	276			30												
8	277			20			X		XX							
9	278			10					XX							
10	279			5		X										
11	280			Surf					XX							
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 154 m

Transmisso Cleaned: (Y) N

	UTC	Local
Time Start	1653	0953
Bottom	1659	
End	1712	

Positional Information
 Lat: 49 ° 57.68 N
 Lon: 125 ° 8.79 W

Start

Lat: 49 ° 57.61 N
 Lon: 125 ° 8.70 W

Bottom

Lat: 49 ° 57.32 N
 Lon: 125 ° 8.37 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