

Water Properties Group

Rosette Log

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

Cruise ID: 2012-05 Station: SAANICH WLET Event #: 1 Ship: VECTOR UTC Date (dd|mmm|yyyy): | |

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	☒								
2	2			75	☒ 75											
3	3			50	☒ 50											
4	4			40	☒ 40		X									
5	5			30	☒ 30	X										
6	6			20	☒ 20				☒ ☒							
7	7			10	☒ 10				☒							
8	8			5	☒ 5				☒ ☒							
9	9			stc	☒ 2.0	X	X		☒ ☒							
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR/PC

Bottom Depth: 182 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	2246	1546
Bottom	2250	1550
End	2259	1559

Positional Information

Start
 Lat: 48 ° 39.06 N
 Lon: 123 ° 30.64 W

Bottom
 Lat: 48 ° 39.06 N
 Lon: 123 ° 30.66 W

End
 Lat: 48 ° 39.05 N
 Lon: 123 ° 30.70 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: 201205 Station: 59 Event #: 2 Ship: VECTOR UTC Date (dd|mmm|yyyy): 14 | JUN | 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 PH	DIC			
1	10			8-5	☒ 225	☒	☒	☒		☒	☒			
2	11			200	☒ 200						☒			
3	12			175	☒ 175		☒							
4	13			150	☒ 150	☒				☒				
5	14			125	☒ 125									
6	15			100	☒ 100						☒			
7	16			75	☒ 75									
8	17			50	☒ 50						☒			
9	18			40	☒ 40		☒							
10	19			30	☒ 30	☒								
11	20			20	☒ 20				☒		☒			
12	21			10	☒ 10				☒		☒			
13	22			5	☒ 5					☒				
14	23			sf	☒ 1	☒	☒	☒	☒	☒	☒			
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): IC/KS/TC/GS

Bottom Depth: 230 m

Transmisso Cleaned: ☒ Y / N

Time	UTC	Local
Start	0042	1742
Bottom	0050	1750
End	0105	1805

Positional Information

Start

Lat: 48 ° 37.78 N

Lon: 123 ° 14.60 W

Bottom

Lat: 48 ° 37.79 N

Lon: 123 ° 14.61 W

End

Lat: 48 ° 37.80 N

Lon: 123 ° 14.58 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: 2012-05 Station: 56 Event #: 7 Ship: Vector UTC Date (dd|mmm|yyyy): 14 | Jun | 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			8-5	✓ 188	✓	✓									
2	25			200	✓ 188	✓	✓	✓								
3	26			175	✓ 175	✓	✓									
4	27			150	✓ 150	✓	✓									
5	28			125	✓ 125											
6	29			100	✓ 100											
7	30			75	✓ 75											
8	31			50	✓ 50											
9	32			40	✓ 40											
10	33			30	✓ 30											
11	34			20	✓ 20	✓	✓		✓							
12	35			10	✓ 10		✓		✓							
13	36			5	✓ 5				✓							
14	37			8FC	✓ 1.4	✓	✓		✓							
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC/KS/TC/GB

Bottom Depth: 188 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0556	2256
Bottom	0601	2301
End	0615	2315

Positional Information

Start

Lat: 48 ° 46.47 N

Lon: 123 ° 1.68 W

Bottom

Lat: 48 ° 46.54 N

Lon: 123 ° 1.69 W

End

Lat: 48 ° 46.77 N

Lon: 123 ° 1.84 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: 2012-05 Station: 14 Event #: 13 Ship: Vector UTC Date (dd|mmm|yyyy): 14 | Jun | 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	pH	DIC		
1	38			B-10	✓ 309						1	X		
2	39			250	✓ 250			X			xxx			
3	40			200	✓ 200							X		
4	41			175	✓ 175		xx							
5	42			150	✓ 150	xxx								
6	43			125	✓ 125									
7	44			100	✓ 100							xx		
8	45			75	✓ 75						xxx			
9	46			50	✓ 50							X		
10	47			40	✓ 40									
11	48			30	✓ 30									
12	49			20	✓ 20	xxx			2			X		
13	50			10	✓ 10		xx					X		
14	51			5	✓ 5				2					
15	52			surf	✓ 1.2	↓	↓		2		↓	X		
16	UVic			sfc	✓									+ 2 bottles e
17	UVic			sfc	✓									sfc for UVic
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): PC/KS/TC/QB

Bottom Depth: 315 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1911	1211
Bottom	1917	1217
End	1934	1234

Positional Information

Start
 Lat: 49 ° 53.02 N
 Lon: 124 ° 59.59 W

Bottom
 Lat: 49 ° 53.03 N
 Lon: 124 ° 59.60 W

End
 Lat: 49 ° 53.12 N
 Lon: 124 ° 59.67 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: 2012-05 Station: 16 Event #: 15 Ship: Vector UTC Date (dd|mmm|yyyy): 14 | 06 | 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	53			B-5	✓ 152	x	x							
2	54			125	✓ 125			x						
3	55			100	✓ 100									
4	56			75	✓ 75									
5	57			50	✓ 50									
6	58			40	✓ 40									
7	59			30	✓ 30									
8	60			20	✓ 20	xxx			xx					
9	61			10	✓ 10		xx							
10	62			5	✓ 5				xx					
11	63			SFC	✓ 1.1	↓	↓		xx					
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): FE/KS/TC/GB

Bottom Depth: 146 m

Transmisso Cleaned: Y / N

	UTC	Local
Start	2129	1429
Bottom	2131	1431
End	2142	1442

Positional Information

Start Lat: 49 ° 57.70 N
Lon: 125 ° 8.80 W

Start

Bottom Lat: 49 ° 57.70 N
Lon: 125 ° 8.78 W

Bottom

End Lat: 49 ° 57.69 N
Lon: 125 ° 8.72 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: 201205 Station: 12 Event #: 23 Ship: VECTOR UTC Date (dd|mmm|yyyy): 15 | JUN | 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	pH			
1	64			B-5	☒ 351	☒	☒	☒		☒	☒			
2	65			300	☒ 300									
3	66			250	☒ 250		☒							
4	67			200	☒ 200					☒				
5	68			175	☒ 175	☒								
6	69			150	☒ 150						☒ ☒ ☒			
7	70			125	☒ 125									
8	71			100	☒ 100					☒				
9	72			75	☒ 75									
10	73			50	☒ 50					☒ ☒				
11	74			40	☒ 40		☒							
12	75			30	☒ 30	☒					☒ ☒ ☒			
13	76			20	☒ 20				☒ ☒	☒				
14	77			10	☒ 10					☒				
15	78			5	☒ 5				☒ ☒					
16	79			sfc	☒ 1.1	☒	☒	☒	☒ ☒	☒				
17	uvic			sfc	☒									
18	uvic			sfc	☒									
19														
20														
21														
22														
23														
24														

Watchkeeper(s): PC/GC/KS/TC/GB

Bottom Depth: 356 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	<u>0410</u>	<u>2110</u>
Bottom	<u>0418</u>	<u>2118</u>
End		

Positional Information

Start	Lat: <u>49</u> ° <u>43.59</u> N
	Lon: <u>124</u> ° <u>40.81</u> W

Bottom

Lat: <u>49</u> ° <u>43.62</u> N
Lon: <u>124</u> ° <u>40.84</u> W

End

Lat: <u>49</u> ° <u>43.64</u> N
Lon: <u>124</u> ° <u>40.86</u> 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: 2012-05 Station: 9 Event #: 25 Ship: Vector UTC Date (dd|mmm|yyyy): 15 | 06 | 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	80			B-5	✓ 165		X									
2	81			150	✓ 150		X	X								
3	82			125	✓ 125		X									
4	83			100	✓ 100		X									
5	84			75	✓ 75		X	X								
6	85			50	✓ 50		X									
7	86			40	✓ 40		X									
8	87			30	✓ 30		X									
9	88			20	✓ 20		X		XX							
10	89			10	✓ 10		X									
11	90			5	✓ 5		XX		XX							
12	91			8fc	✓ 1.3		X		XX							
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC/GB/TC

Bottom Depth: 170 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0626	2326
Bottom	0629	2329
End	0641	2341

Positional Information

Start
 Lat: 49 ° 35.53 N
 Lon: 124 ° 38.31 W

Bottom
 Lat: 49 ° 35.51 N
 Lon: 124 ° 38.31 W

End
 Lat: 49 ° 35.45 N
 Lon: 124 ° 38.29 W

Oxygen Info For This Cast

Blank Value: _____ mL · L⁻¹

Std Value: _____ mL · L⁻¹

*Date Run: 1 / 1 / 1

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: 2012-05 Station: 6 Event #: 27 Ship: Vector UTC Date (dd|mmm|yyyy): 15 | Jun | 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	92			B-S	189	X	X									
2	93			175		XXX	X	X								
3	94			150		X	X									
4	95			125		X	X									
5	96			100		X	X									
6	97			75		X	XX									
7	98			50		X	X									
8	99			40		XXX	X									
9	100			30		X	X									
10	101			20		X	X		XX							
11	102			10		X	XX									
12	103			5		X	X		XX							
13	104			8FC		X	X		XX							
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): 482

Bottom Depth: 194 m

Transmisso Cleaned: ☒ Y / N

Time	UTC	Local
Start	0847	0147
Bottom	0851	
End	0905	

Positional Information
 Start
 Lat: 49 ° 30.61 N
 Lon: 124 ° 27.79 W

Bottom
 Lat: 49 ° 30.62 N
 Lon: 124 ° 27.76 W

End
 Lat: 49 ° 30.60 N
 Lon: 124 ° 27.67 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: 2012-05

Station: 3

Event #: 33

Ship: Vector

UTC Date (dd|mmm|yyyy): 15 | 06 | 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	105			8-10	319											
2	106			300				X								
3	107			250												
4	108			200												
5	109			175												
6	110			150												
7	111			125												
8	112			100												
9	113			75			XX									
10	114			50												
11	115			40												
12	116			30												
13	117			20					XX							
14	118			10			XX									
15	119			5					XX							
16	120			surf			↓		XX							
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 322 m

Transmisso Cleaned: ☒ Y / N

Time	UTC	Local
Start	1232	0532
Bottom	1238	
End	1255	

Positional Information

Start

Lat: 49 ° 26.61 N

Lon: 124 ° 20.23 W

Bottom

Lat: 49 ° 26.60 N

Lon: 124 ° 20.21 W

End

Lat: 49 ° 26.62 N

Lon: 124 ° 20.19 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: 2012-05 Station: 2 Event #: 37 Ship: Vector UTC Date (dd|mmm|yyyy): 15 | JUN | 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	121			B-5	269	1	1									
2	122			250		XXX		X								
3	123			200		1	1									
4	124			175		1	1									
5	125			150		1	1									
6	126			125		1	1									
7	127			100		1	1									
8	128			75			XX									
9	129			50		1	1									
10	130			40		XXX	1									
11	131			30		1	1									
12	132			20		1	1		XX							
13	133			10		1	XX									
14	134			5		1	1		XX							
15	135			surf		↓	↓		XX							
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 279 m

Transmisso Cleaned: (Y) N

	Time	UTC	Local
Start		1537	0837
Bottom		1542	
End		1559	

Positional Information
 Lat: 49 ° 24.11 N
 Lon: 124 ° 9.33 W

Start

Lat: 49 ° 24.10 N
 Lon: 124 ° 9.31 W

Bottom

Lat: 49 ° 24.10 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: 2012-05

Station: 27

Event #: 41

Ship: Vector

UTC Date (dd|mmm|yyyy): 15 | JUN | 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	pH		
1	136			B-5	✓ 342			X			X	X		
2	137			300	✓ 300									
3	138			250	✓ 250									
4	139			200	✓ 200		XX				X			
5	140			175	✓ 175	XXX						XXX		
6	141			150	✓ 150									
7	142			125	✓ 125									
8	143			100	✓ 100						X			
9	144			75	✓ 75									
10	145			50	✓ 50						X			
11	146			40	✓ 40									empty
12	147			30	✓ 30	XXX								
13	148			20	✓ 20		XX		2		X			
14	149			10	✓ 10						X			opened before oxy
15	150			5	✓ 5				2					
16	151			5	✓ 1.0	↓	↓	↓	2		XX	X		opened before oxy
17	UVic			sf	✓									
18	UVic			sf	✓									
19														
20														
21														
22														
23														
24														

Watchkeeper(s): RC/KS/TC/GB

Bottom Depth: 350 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	20 06	13 06
Bottom	20 12	13 12
End	20 30	13 30

Positional Information			
Lat:	49 °	19.15	N
Lon:	123 °	48.10	W

Start	Lat:	49 °	19.17	N
Bottom	Lon:	123 °	48.12	W

End	Lat:	49 °	19.21	N
	Lon:	123 °	48.12	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: 2012-05 Station: 39 Event #: 46 Ship: Vector UTC Date (dd|mmm|yyyy): 15 | Jun | 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	152			B-5	☒	371	X	X								
2	153			350	☒	350	X	X	X							
3	154			300	☒	300	X	X								
4	155			250	☒	250	X	X	X							
5	156			200	☒	200	X	X								
6	157			175	☒	175	X	X	X							
7	158			150	☒	150	X	X								
8	159			125	☒	125	X	X								
9	160			100	☒	100	X	X								
10	161			75	☒	75	X	X								oxygen triplicates did not fire
11	162			50	☒	50	X	X	X							
12	163			40	☒	40	X	X								
13	164			30	☒	30	X	X								
14	165			20	☒	20	X	X		XX						
15	166			10	☒	10	X	X	X							
16	167			5	☒	5	X	X		XX						
17	168			8fc	☒	0.9	X	X		XX						
18	UVIC			sfc	☒											
19	UVIC			sfc	☒											
20																
21																
22																
23																
24																

Watchkeeper(s): PC/KS/TC/GS

Bottom Depth: 376 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	0015	1715
Bottom	0021	1721
End	0040	1740

Positional Information

Start

Lat: 49 ° 9.79 N

Lon: 123 ° 32.97 W

Bottom

Lat: 49 ° 9.86 N

Lon: 123 ° 32.98 W

End

Lat: 49 ° 9.87 N

Lon: 123 ° 32.99 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: 2012-05 Station: 42 Event #: 51 Ship: VECTOR UTC Date (dd|mmm|yyyy): 15 | JUN | 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	PH	phyto		
1	169			B-5	✓ 317	✓	✓	✓		✓	✓			
2	170			300	✓ 300									
3	171			250	✓ 250									
4	172			200	✓ 200		✓			✓				
5	173			175	✓ 175	✓✓								
6	174			150	✓ 150									
7	175			125	✓ 125									
8	176			100	✓ 100					✓				
9	177			75	✓ 75									
10	178			50	✓ 50					✓				
11	179			40	✓ 40									
12	180			40	✓ 40									
13	181			30	✓ 30	✓✓								
14	182			20	✓ 20		✓		✓✓	✓	✓✓			
15	183			10	✓ 10					✓✓				
16	184			5	✓ 5				✓✓					
17	185			sfc	✓ 1.5	✓	✓	✓	✓✓	✓	✓	✓		
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): PC/GC/KS/TC/QB

Bottom Depth: 322 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0408	2108
Bottom	0415	2115
End		

Positional Information
Start Lat: 49 ° 1.77 N
Lon: 123 ° 26.22 W

Bottom Lat: 49 ° 1.77 N
Lon: 123 ° 26.32 W

End Lat: 49 ° 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: 2012-05 Station: 46 Event #: 57 Ship: Vector UTC Date (dd|mmm|yyyy): 16 | Jun | 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	186			13-5	172	x	x									
2	187			150		x	x	x								
3	188			125		x	xx									
4	189			100		x	x									
5	190			75		xxx	x									
6	191			50		x	x									
7	192			40		x	x									
8	193			30		x	x									
9	194			20		xxx	x		xx							
10	195			10		x	x									
11	196			5		x	xx		xx							
12	197			8fc		x	x		xx							
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): BR

Bottom Depth: 178 m

Transmisso Cleaned: ☒ Y / N

	UTC	Local
Time Start	0924	0224
Bottom	0927	
End	0939	

Positional Information

Start Lat: 48 ° 51.38 N
Lon: 123 ° 10.74 W

Bottom Lat: 48 ° 51.37 N
Lon: 123 ° 10.70 W

End Lat: 48 ° 51.31 N
Lon: 123 ° 10.51 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: 2012-05 Station: 102 Event #: 64 Ship: Vector UTC Date (dd|mmm|yyyy): 17 JUN 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	pH		
1	198			B-10	✓ 245			✓			x	x		
2	199			200	✓ 200						xx	xxx		
3	200			175	✓ 175									
4	201			130	✓ 150									
5	202			125	✓ 125		xx							
6	203			100	✓ 100						x			
7	204			75	✓ 75	xxx								
8	205			50	✓ 50						x			
9	206			40	✓ 40									
10	207			30	✓ 30							xxx		
11	208			20	✓ 20	xxx			xx		x			
12	209			10	✓ 10						x			
13	210			5	✓ 5		xx		xx					
14	211			surf	✓ 1.9	↓	↓	↓	xx		x	↓		
15	UVIC			stc	✓									
16	UVIC			stc	✓									
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): RC/GC/KS/TC/CB

Bottom Depth: 253 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0043	1743
Bottom	0048	1748
End	0103	1803

Positional Information			
Lat:	48 °	30.03	N
Lon:	124 °	44.12	W

Start

Lat:	48 °	30.09	N
Lon:	124 °	44.32	W

Bottom

Lat:	48 °	30.19	N
Lon:	124 °	44.72	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: 2012-05 Station: 75 Event #: 67 Ship: VECTOR UTC Date (dd|mmm|yyyy): 17 | JUN | 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 phyto						
1	212			B-10	☒	210	☒									
2	213			200	☒	200	☒									
3	214			175	☒	175	☒									
4	215			150	☒	150	☒									
5	216			125	☒	125	☒									
6	217			100	☒	100	☒									
7	218			75	☒	75	☒									
8	219			50	☒	50	☒									
9	220			40	☒	40	☒									
10	221			30	☒	30	☒									
11	222			20	☒	20	☒		☒							
12	223			10	☒	10	☒		☒							
13	224			5	☒	5	☒		☒							
14	225			ste	☒	1	☒		☒	☒						
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): KE/KS/GC/TC/GB

Bottom Depth: 220 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	0353	2053
Bottom	0357	2057
End	0410	2110

Positional Information

Start

Lat: 48 ° 28.29 N

Lon: 124 ° 32.88 W

Bottom

Lat: 48 ° 28.34 N

Lon: 124 ° 32.94 W

End

Lat: 48 ° 28.48 N

Lon: 124 ° 33.06 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: 2012-05 Station: 72 Event #: 70 Ship: VECTOR UTC Date (dd|mmm|yyyy): 17 | JUN | 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	DC	PH				
1	226			B-5	184	X	X	X			X	X				
2	227			175		X	XX	X				X				
3	228			150		XXX	X	X				X				
4	229			125		X	X	X				XXX				
5	230			100		X	X	X			XX	X				
6	231			75		X	X	X				X				
7	232			50		X	X	X			X	XXX				
8	233			40		X	X	X				X				
9	234			30		XXX	X	X				X				
10	235			20		X	X	X	XX		X	X				
11	236			10		X	XX	X			X	X				
12	237			5		X	X	X	XX			X				
13	238			8fc		X	X	X	XX		X	X				
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 189 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	0814	0114
Bottom	0818	
End	0826	

Positional Information
 Lat: 48° 18.56 N
 Lon: 124° 4.10 W

Start

▼
 Lat: 48° 18.52 N
 Lon: 124° 4.14 W

Bottom

▼
 Lat: 48° 18.50 N
 Lon: 124° 4.16 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: 2012-05 Station: 69 Event #: 73 Ship: Vector UTC Date (dd|mmm|yyyy): 17 JUN 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	239			13-5		172	1									
2	240			150			xxx		x							
3	241			125			1									
4	242			100			1									
5	243			75			1									
6	244			50			1									
7	245			40			1									
8	246			30			xxx									
9	247			20			1		xx							
10	248			10				xx								
11	249			5					xx							
12	250			surf			↓	↓	xx							
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 176 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1144	
Bottom	1148	
End	1159	

Positional Information

Start
 Lat: 48 ° 15.61 N
 Lon: 123 ° 43.42 W

Bottom
 Lat: 48 ° 15.65 N
 Lon: 123 ° 43.52 W

End
 Lat: 48 ° 15.77 N
 Lon: 123 ° 43.96 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: 2012-05 Station: ADCP Event #: 76 Ship: Vector UTC Date (dd|mmm|yyyy): 17 | Jan | 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	251			B-5	110											
2	252			75				X								
3	253			50												
4	254			40												
5	255			30												
6	256			20					XX							
7	257			10			XX									
8	258			5					XX							
9	259			5			↓		XX							
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 113 m

Transmisso Cleaned: ☒ Y / ☐ N

	UTC	Local
Time Start	1541	0841
Bottom	1544	
End	1551	

Positional Information
 Start Lat: 48 ° 14.04 N
 Lon: 123 ° 18.14 W

Bottom Lat: 48 ° 14.03 N
 Lon: 123 ° 18.25 W

End Lat: 48 ° 13.97 N
 Lon: 123 ° 18.68 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: 2012-05 Station: 65 Event #: 80 Ship: Vector UTC Date (dd|mmm|yyyy): 17 JUN | 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	pH	DIC		
1	260			B-5	120			✓			x	x		
2	261			100							xxx	x		
3	262			75										
4	263			50								xx		
5	264			40										
6	265			30			xx							
7	266			20					xx			x		
8	267			10							xxx	x		
9	268			5					xx					
10	269			surf			↓	↓	xx		↓	x		
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): SR

Bottom Depth: 123 m

Transmisso Cleaned: (Y) / N

	Time	UTC	Local
Start		1836	1136
Bottom		1839	1139
End		1850	1150

Positional Information

Start
 Lat: 48 ° 15.85 N
 Lon: 123 ° 9.75 W

Bottom
 Lat: 48 ° 15.85 N
 Lon: 123 ° 9.76 W

End
 Lat: 48 ° 15.85 N
 Lon: 123 ° 9.73 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: 2012-05 Station: 62 Event #: 83 Ship: VECTOR UTC Date (dd|mmm|yyyy): 17 | JUL | 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			B-10	☒	137	☒									
2	271			125	☒	125										
3	272			100	☒	100										
4	273			75	☒	75										
5	274			50	☒	50										
6	275			40	☒	40										
7	276			30	☒	30	☒									
8	277			20	☒	20			☒							
9	278			10	☒	10			☒							
10	279			5	☒	5			☒							
11	280			etc	☒	2.0	☒		☒							
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PC/KS/TC/CB

Bottom Depth: 145 m

Transmisso Cleaned: ☒ Y / ☐ N

	UTC	Local
Time		
Start	2135	1435
Bottom	2138	1438
End	2148	1448

Positional Information

Start

Lat: 48 ° 22.81 N

Lon: 123 ° 2.53 W

Bottom

Lat: 48 ° 22.80 N

Lon: 123 ° 2.47 W

End

Lat: 48 ° 22.80 N

Lon: 123 ° 2.36 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