

Water Properties Group

Rosette Log

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

Cruise ID: 2011-25 Station: 1 Event #: _____ Ship: Vector UTC Date (dd|mmm|yyyy): 8 | 8 | 11

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			200	<u>175</u>		9	X								
2	2			150	<u>150</u>		9									
3	3			100	<u>100</u>		9									
4	4			50	<u>50</u>		9									
5	5			30	<u>30</u>		9									
6	6			20	<u>20</u>		9									
7	7			10	<u>10</u>		9									
8	8			0	<u>1</u>		9									
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SN

Bottom Depth: 192 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	<u>0237</u>	
Bottom	<u>0241</u>	
End	<u>0251</u>	

Positional Information
 Lat: 49 ° 0.230 N
 Lon: 123 ° 35.291 W

▼
 Lat: 49 ° 0.237 N
 Lon: 123 ° 35.256 W

▼
 Lat: 49 ° 0.209 N
 Lon: 123 ° 35.263 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

BROWN

Water Properties Group

Rosette Log

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

Cruise ID: 2011-25 Station: NC1 Event #: 2 Ship: Vector UTC Date (dd|mmm|yyyy): 9 | 9 | 2011

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	9	3191	4.459	6.5	☒ 336											9.7°
2	10	3166	4.451	300	☒ 300		☒	X								9.7°
3	11	3160	4.477	250	☒ 250											9.8°
4	12	471	4.474	200	☒ 200		☒									9.8°
5	13	2064	4.481	175	☒ 175		☒									9.8°
6	14	3040	4.486	150	☒ 150		☒									9.8°
7	15	1497	4.522	125	☒ 125											10.0°
8	16	1401	4.530	100	☒ 100	2	☒									10.0°
9	17	3098	4.570	75	☒ 75		☒									10.1°
10	18	3038	4.657	50	☒ 50		☒									10.2°
11	19	2032	4.666	30	☒ 30		☒									10.2°
12	20	3174	4.666	20	☒ 20		☒									10.3°
13	21	3057	4.664	10	☒ 10		☒									10.3°
14	22	1317	4.675	0	☒ 2		☒									10.3°
15																
16																
17																
18	16	2035	4.531	100												10.0°
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SN

Bottom Depth: 340 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	1602	
Bottom	1614	
End	1632	

Positional Information

Start
Lat: 50 ° 20.790 N
Lon: 125 ° 25.926 W

Bottom
Lat: 50 ° 20.774 N
Lon: 125 ° 25.932 W

End
Lat: 50 ° 20.784 N
Lon: 125 ° 25.931 W

Oxygen Info For This Cast

Blank Value: 0.0050 mL · L⁻¹

Std Value: 0.703 mL · L⁻¹

*Date Run: 8 15 11

Analyst: SN

* 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: 2011-25 Station: N04 Event #: 5 Ship: Ventur UTC Date (dd|mmm|yyyy): 9 | 8 | 2011

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	23	3191	4.477	6-5	☒ 250		☒							temp
2	24	3166	4.456	225	☒ 225			X						9.8
3	25	3160	4.466	200	☒ 200		☒							9.8
4	26	471	4.474	175	☒ 175	2								9.8
5	27	3040	4.479	150	☒ 150		☒							9.8
6	28	1497	4.493	125	☒ 125									9.9
7	29	1401	4.661	100	☒ 100		☒							9.9
8	30	2035	4.532	75	☒ 75		☒							10.1
9	31	3098	(*)	50	☒ 50		☒							10.2
10	32	3038	4.526	30	☒ 30		☒							10.1
11	33	2032	4.593	20	☒ 20		☒							10.2
12	34	3174	4.706	10	☒ 10		☒							10.2
13	35	3057	4.927	0	☒ 0		☒							10.0
14														
15														
16														
17														
18														
19	26	2064	4.475	175										9.7
20														
21														
22														
23														
24														

Watchkeeper(s): SN

Bottom Depth: 254 m

Transmisso Cleaned: ☒ Y / N

	Time	UTC	Local
Start		2053	
Bottom		2100	
End		2116	

Positional Information

Start
Lat: 50 ° 21.735 N
Lon: 125 ° 22.312 W

Bottom
Lat: 50 ° 21.719 N
Lon: 125 ° 22.267 W

End
Lat: 50 ° 21.730 N
Lon: 125 ° 22.320 W

Oxygen Info For This Cast

Blank Value: 0.0050 mL · L⁻¹

Std Value: 0.702 mL · L⁻¹

*Date Run: 8 | 8 | 11

Analyst: SN

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

* Program locked up, no end point - had to restart.

Water Properties Group

Rosette Log

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

Cruise ID: 2011-25 Station: NCS Event #: 6 Ship: Vector UTC Date (dd|mmm|yyyy): 9 | 8 | 11

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	36	1317	4.454	200	211	1										9.3
2	37	3109	4.495	150	150	2		X								9.8
3	38	3171	4.479	100	100	1										9.9
4	39	3184	4.606	50	50											10.1
5	40	3201	4.683	30	30											10.1
6	41	3009	4.602	20	20											10.1
7	42	3142	4.675	10	10											10.1
8	43	3204	5.018	0	1											11.0
9																
10																
11																
12	37	1492	4.492	150												9.8
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SN

Bottom Depth: 218 m
Transmisso Cleaned: Y N

	Time	UTC	Local
Start		2227	
Bottom		2233	
End		2244	

Positional Information
Start
Lat: 50 ° 22.068 N
Lon: 125 ° 21.654 W

Bottom
Lat: 50 ° 22.074 N
Lon: 125 ° 21.703 W

End
Lat: 50 ° 22.074 N
Lon: 125 ° 21.718 W

Oxygen Info For This Cast
Blank Value: 0.000 mL · L⁻¹
Std Value: 0.003 mL · L⁻¹
*Date Run: 8 | 8 | 11
Analyst: SN

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

BLUE

Water Properties Group

Rosette Log

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

Cruise ID: 2011-26 Station: NCG Event #: 7 Ship: Vector UTC Date (dd|mmm|yyyy): 9 | 8 | 11

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	44	2068	4.434	6-5	☒ 227											9.8
2	45	1144	4.423	200	☒ 200											9.7
3	46	631	4.500	150	☒ 150											9.8
4	47	468	4.482	100	☒ 100											9.8
5	48	1475	4.542	50	☒ 50											10.0
6	49	1298	4.516	30	☒ 30	2		X								9.9
7	50	3028	4.446	20	☒ 20	1										9.9
8	51	1373	4.540	10	☒ 10											9.9
9	52	3151	4.696	0	☒ 1											10.4
10																
11																
12																
13																
14	49	1397	4.516	30												9.9
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SV

Bottom Depth: 228 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	2308	
Bottom	2314	
End	2326	

Positional Information
Start Lat: 50 ° 22.656 N
Lon: 125 ° 20.954 W

Bottom Lat: 50 ° 22.652 N
Lon: 125 ° 20.906 W

End Lat: 50 ° 22.640 N
Lon: 125 ° 20.929 W

Oxygen Info For This Cast
Blank Value: 0.0050 mL · L⁻¹
Std Value: 0.703 mL · L⁻¹
*Date Run: 8 | 8 | 11
Analyst: SN

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

Water Properties Group

Rosette Log

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

BLUE

Cruise ID: 2011-25 Station: NCS Event #: 9 Ship: Vector UTC Date (dd|mmm|yyyy): 10 | 8 | 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	53	1318	4.443	6-5	/ 254											9.7
2	53	745	4.448	200	/ 200											9.8
3	53	2020	4.466	150	/ 150											9.8
4	56	1300	4.449	100	/ 100											9.8
5	57	1395	4.482	50	/ 50											9.9
6	58	1321	4.416	30	/ 30											9.9
7	59	1406	4.459	20	/ 20											9.9
8	60	1407	4.442	10	/ 10	2		X								9.8
9	61	1123	4.721	0		1										10.4
10																
11																
12																
13																
14	60	1476	4.439	10												9.8
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SMBottom Depth: 259 mTransmisso Cleaned: ☒ N

Time	UTC	Local
Start	0123	
Bottom	0128	
End	0141	

Positional Information

Start
Lat: 50 ° 24.109 N
Lon: 125 ° 19.874 WBottom
Lat: 50 ° 24.131 N
Lon: 125 ° 19.917 WEnd
Lat: 50 ° 24.096 N
Lon: 125 ° 19.932 W

Oxygen Info For This Cast

Blank Value: 0.0050 mL · L⁻¹Std Value: 0.203 mL · L⁻¹*Date Run: 8 | 8 | 11Analyst: SM

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

ORANGE BOGE

Water Properties Group

Rosette Log

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

Cruise ID: 2011-25 Station: NCG Event #: 10 Ship: Vector UTC Date (dd|mmm|yyyy): 10 | 8 | 11

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	52	1421	4.530	6-5	✓ 279	1								9.7
2	63	708	4.483	250	✓ 250	2		X						9.7
3	64	3181	4.460	200	✓ 200	1								9.7
4	65	1322	4.447	150	✓ 150	1								9.7
5	66	2084	4.428	100	✓ 100	1								9.8
6	67	1481	4.372	50	✓ 50	1								9.7
7	68	3137	4.375	30	✓ 30	1								9.7
8	69	3007	4.372	20	✓ 20	1								9.7
9	20	1400	4.439	10	✓ 10	1								9.8
10	71	1311	4.567	0	✓ 2	1								9.9
11														
12														
13	63	1488	4.469	250										9.7
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): SR

Bottom Depth: 281 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1442	
Bottom	1451	
End	1503	

Positional Information

Start	Lat: 50 ° 24.745	N
	Lon: 125 ° 19.424	W

Bottom

Lat: 50 ° 24.745	N
Lon: 50 ° 24.702	W

End

Lat: 50 ° 24.739	N
Lon: 125 ° 19.409	W

Oxygen Info For This Cast

Blank Value:	0.000	mL · L ⁻¹
Std Value:	0.703	mL · L ⁻¹
*Date Run:	8 8 11	
Analyst:	SR	

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

Water Properties Group

Rosette Log

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

ORANORE

Cruise ID: 201-25 Station: NC10 Event #: 11 Ship: Vector UTC Date (dd|mmm|yyyy): 10 | 8 | 11

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	72	2033	4.450	6.5	307	1	1									9.8
2	73	3055	4.454	250	250	1	1									9.7
3	74	2065	4.439	200	200	1	1									9.7
4	75	690	4.427	150	150	1	1									9.7
5	76	2069	4.419	100	100	1	1									9.7
6	77	1490	4.381	50	50	2	1	X								9.7
7	78	1464	4.367	30	29	1	1									9.7
8	79	1387	4.414	20	20	1	1									9.7
9	80	1365	4.469	10	10	1	1									9.3
10	81	638	4.556	0	2	1	1									9.9
11																
12																
13																
14	77	1489	4.384	50												9.7
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 307 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1531	
Bottom	1538	
End	1551	

Positional Information

Start Lat: 50 ° 25.292 N
Lon: 125 ° 19.012 W

Bottom Lat: 50 ° 25.319 N
Lon: 125 ° 19.015 W

End Lat: 50 ° 25.319 N
Lon: 125 ° 19.015 W

Oxygen Info For This Cast

Blank Value: 0.0052 mL · L⁻¹
Std Value: 0.703 mL · L⁻¹
*Date Run: 8 | 8 | 11
Analyst: SR

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

Water Properties Group

Rosette Log

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

~~WHITE~~ ~~BROWN~~ BLUE

Cruise ID: 2011-25

Station: NC13

Event #: 14

Ship: Ventur

UTC Date (dd|mmm|yyyy): 10 | 8 | 11

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	82	2068	4.473	5-5	✓ 302	2										9.9°
2	83	631	4.411	150	✓ 150	1										9.8°
3	84	468	4.378	100	✓ 100	1										9.7
4	85	1475	4.318	50	✓ 50	1										9.6
5	86	1248	4.333	30	✓ 30	1										9.6
6	87	1397	4.366	20	✓ 20	1										9.6
7	88	3028	4.451	10	✓ 10	1										9.7
8	89	1373	4.563	0	✓ 1	1										9.9
9																
10																
11																
12	82	1144	4.419	5-5												9.7°
13																debris in sample on filtration
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 308 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	1906	
Bottom	1914	
End	1926	

Positional Information

Start Lat: 50 ° 26.552 N
Lon: 125 ° 18.076 W

Bottom Lat: 50 ° 26.547 N
Lon: 125 ° 18.084 W

End Lat: 50 ° 26.904 N
Lon: 125 ° 18.094 W

Oxygen info For This Cast

Blank Value: 0.0037 mL · L⁻¹

Std Value: 0.7027 mL · L⁻¹

*Date Run: 10 | 8 | 11

Analyst: SR

* 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: 2011-25Station: B52Event #: 17Ship: VectorUTC Date (dd|mmm|yyyy): 11 | 8 | 11

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						
2	90	3151	2.112	5-2	✓ 32	1	1									10.8
3	91	3166	2.035	5-4	✓ 30	1	1									10.6
4	92	3160	2.041	5-6	✓ 28	1	1									10.5
5	93	471	2.830	20	✓ 20	1	1									10.8
6	94	2064	3.553	10	✓ 10	1	1									11.5
7	95	3040	6.091	5	✓ 5	2		X								15.8
8	96	1401	X	0	✓ 2	1	1									18.1
8																
9																
10																
11																
12																
13																
14																
15																
16																
17	95	1497	6.114	5												15.8
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SRBottom Depth: 33 mTransmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	1618	
Bottom	1622	
End	1623	

Positional Information

Start
Lat: 49 ° 38.417 N
Lon: 124 ° 53.626 WBottom
Lat: 49 ° 38.422 N
Lon: 124 ° 53.579 WEnd
Lat: 49 ° 38.412 N
Lon: 124 ° 53.516 W

Oxygen Info For This Cast

Blank Value: 0.0037 mL · L⁻¹Std Value: 0.7027 mL · L⁻¹*Date Run: 10 | 8 | 11Analyst: SR

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

BROWN

Water Properties Group

Rosette Log

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

Cruise ID: 2011-25 Station: B55 Event #: 24 Ship: Vector UTC Date (dd|mmm|yyyy): 11 | 8 | 11

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	2035	1.701	6-2	☒ 35											10.6
2	98	3098	1.639	6-4	☒ 37											10.5
3	99	3038	1.700	6-6	☒ 35											10.5
4	100	2032	2.482	25	☒ 25											10.7
5	101	3174	4.003	10	☒ 10											12.1
6	102	1317	6.711	5	☒ 5											16.6
7	103	3109	7.182	0	☒ 1											18.7
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 40 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	1657	
Bottom	1700	
End	1706	

Positional Information

Start
 Lat: 49 ° 35.875 N
 Lon: 124 ° 51.605 W

Bottom
 Lat: 49 ° 35.861 N
 Lon: 124 ° 51.614 W

End
 Lat: 49 ° 35.856 N
 Lon: 124 ° 51.612 W

Oxygen Info For This Cast

Blank Value: 0.0037 mL · L⁻¹
 Std Value: 0.7027 mL · L⁻¹
 *Date Run: 10 | 8 | 11
 Analyst: SR

* 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: 2011-25 Station: B58 Event #: 31 Ship: Vector UTC Date (dd|mmm|yyyy): 11 | 8 | 11

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	104	1492	1.026	5-2	✓ 44	1	1									10.5
2	105	3131	1.234	5-4	✓ 41	2	1									10.4 <i>check depth</i>
3	106	3184	1.455	5-6	✓ 39	1	1									10.4
4	107	3209	2.880	25	✓ 25	1	1									10.5
5	108	3005	4.120	10	✓ 10	1	1									11.9
6	109	3142	6.425	5	✓ 5	1	1									16.2
7	110	3204	7.188	0	✓ 1	1	1									16.4
8																
9																
10																
11																
12																
13	105	3104	1.239	5-4	✓ 41											10.5
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SL

Bottom Depth: 1742 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	1724	
Bottom	1727	
End	1733	

Positional Information

Start
Lat: 49 ° 34.120 N
Lon: 124 ° 51.594 W

Bottom
Lat: 49 ° 34.115 N
Lon: 124 ° 51.602 W

End
Lat: 49 ° 34.117 N
Lon: 124 ° 51.598 W

Oxygen Info For This Cast

Blank Value: 0.0037 mL · L⁻¹
Std Value: 0.7067 mL · L⁻¹
*Date Run: 10 | 8 | 11
Analyst: SL

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

BLUE

Water Properties Group

Rosette Log

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

Cruise ID: 2011-25 Station: BS 11 Event #: 38 Ship: Vector UTC Date (dd|mmm|yyyy): 11 | 8 | 11

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	111	2088	1.908	5-2	✓ 44	✓	✓									temp
2	112	1144	2.086	5-4	✓ 42	✓	✓									10.5
3	113	631	2.318	5-6	✓ 40	✓	✓									10.5
4	114	468	3.437	25	✓ 25	✓	✓									10.3
5	115	1475	4.107	10	✓ 10	✓	✓									10.5
6	116	745	5.899	5	✓ 5	✓	✓									11.9
7	117	1300	6.816	0	✓ 1	✓	✓									16.3
8																18.5
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SL

Bottom Depth: 46 m
Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	1752	
Bottom	1756	
End	1803	

Positional Information
Start
Lat: 49 ° 32.543 N
Lon: 124 ° 50.515 W

Bottom
Lat: 49 ° 32.538 N
Lon: 124 ° 50.526 W

End
Lat: 49 ° 32.574 N
Lon: 124 ° 50.555 W

Oxygen Info For This Cast
Blank Value: 0.0037 mL · L⁻¹
Std Value: 0.7027 mL · L⁻¹
*Date Run: 10 | 8 | 11
Analyst: SL
* 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: 2011-25 Station: 3514 Event #: 45 Ship: Vector UTC Date (dd|mmm|yyyy): 11 | 8 | 11

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	118	1395	3.136	5-2	☒ 34	1	1									10.7
2	119	1321	3.013	6-4	☒ 32	1	1									10.5
3	120	1406	3.103	6-6	☒ 30	1	1									10.5
4	121	1407	3.278	25	☒ 25	2		X								10.5
5	122	1123	3.961	10	☒ 10	1	1									11.0
6	123	1330	6.409	5	☒ 5	1	1									17.5
7	124	1411	6.772	0	☒ 1	1	1									18.5
8																
9																
10																
11																
12																
13	121	1476	3.276	25												10.5
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SR

Bottom Depth: 32 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	1859	
Bottom	1902	
End	1908	

Positional Information

Start
 Lat: 49 ° 31.033 N
 Lon: 124 ° 49.109 W

Bottom
 Lat: 49 ° 31.032 N
 Lon: 124 ° 49.112 W

End
 Lat: 49 ° 31.030 N
 Lon: 124 ° 49.104 W

Oxygen Info For This Cast

Blank Value: 0.0037 mL · L⁻¹
 Std Value: 0.7027 mL · L⁻¹
 *Date Run: 10 | 8 | 11
 Analyst: SR

* 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: 2011-25Station: B517Event #: 52Ship: VectorUTC Date (dd|mmm|yyyy): 11 | 8 | 11

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	125	1323	3.332	5-2	☒ 46											10.5
2	126	3151	3.349	5-4	☒ 44											10.3
3	127	1318	3.300	5-6	☒ 42											10.3
4	128	1243	3.839	25	☒ 25											10.5
5	129	2020	A. 426	10	☒ 10											12.3
6	130	1392	6.513	5	☒ 5											17.4
7	131	3028	7.150	0	☒ 1											18.9
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s):

SRBottom Depth: 48 mTransmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	1938	
Bottom	1942	
End	1948	

Positional Information

Start	Lat: <u>49 ° 29.032</u>	<u>N</u>
	Lon: <u>124 ° 46.234</u>	<u>W</u>
▼		
Bottom	Lat: <u>49 ° 29.046</u>	<u>N</u>
	Lon: <u>124 ° 46.240</u>	<u>W</u>
▼		
End	Lat: <u>49 ° 29.059</u>	<u>N</u>
	Lon: <u>124 ° 46.183</u>	<u>W</u>

Oxygen Info For This Cast

Blank Value: <u>0.0032</u>	mL · L ⁻¹
Std Value: <u>0.7027</u>	mL · L ⁻¹
*Date Run: <u>10 8 11</u>	
Analyst: <u>SR</u>	

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

Water Properties Group

Rosette Log

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

ORANGE

Cruise ID: 2011-25

Station: BS20

Event #: 59

Ship: Vector

UTC Date (dd/mmm/yyyy): 11/8/11

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	132	1421	4.176	6-2	36	1	1									temp
2	133	703	4.033	6-4	34	1	1									10.6
3	134	1433	4.031	6-6	32	1	1									10.5
4	135	3181	4.298	25	25	1	1									10.5
5	136	1322	4.689	10	10	1	1									10.9
6	137	2084	5.797	5	5	2	1	x								11.9
7	138	3137	6.740	0	1	1	1									15.1 - air bubble on transducer
8																
9																
10																
11																
12																
13																
14	137	1431	5.327	5												15.1
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Screwed up on transducer - edited oxy file to correct #'s

held bubbles in this line after this sample

Watchkeeper(s): SR

Bottom Depth: 38 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2004	
Bottom	2007	
End	2013	

Positional Information

Start Lat: 49 ° 28.339 N
Lon: 124 ° 44.900 W

Bottom Lat: 49 ° 28.330 N
Lon: 124 ° 44.900 W

End Lat: 49 ° 28.332 N
Lon: 124 ° 44.861 W

Oxygen Info For This Cast

Blank Value: 0.0037 mL · L⁻¹

Std Value: 0.7027 mL · L⁻¹

*Date Run: 10/3/11

Analyst: SR

* 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: 2011-25 Station: B522 Event #: 64 Ship: Vector UTC Date (dd|mmm|yyyy): 12 | 8 | 11

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	139	3055	3.996	6-2	☒ 35	1	1									10.3
2	140	3007	3.975	6-4	☒ 33	1	1									9.9
3	141	1400	3.985	6-6	☒ 30	1	1									9.8
4	142	2033	4.615	10	☒ 10	2	1	X								11.7
5	143	2065	6.223	5	☒ 5	1	1									14.9 16.0
6	144	690	6.686	0	☒ 1	1	1									17.7
7																
8																
9																
10																
11	142	1311	4.641	10												11.9
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): SL

Bottom Depth: 37 m

Transmisso Cleaned: Y ☒ N

Time	UTC	Local
Start	2141	
Bottom	2144	
End	2148	

Positional Information

Start

Lat: 49 ° 28, 219 N

Lon: 124 ° 41.931 W

Bottom

Lat: 49 ° 28, 222 N

Lon: 124 ° 41.931 W

End

Lat: 49 ° 28, 206 N

Lon: 124 ° 41.939 W

Oxygen Info For This Cast

Blank Value: 0.0039 mL · L⁻¹

Std Value: 0.7029 mL · L⁻¹

*Date Run: 12 | 8 | 11

Analyst: SL

* 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: 2011-25 Station: B523 Event #: 66 Ship: Vector UTC Date (dd|mmm|yyyy): 12 | 8 | 11

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	145	2069	3.389	6-2	☒ 56											9.3
2	146	1490	3.900	5-4	☒ 54											9.4
3	147	1489	3.901	6-6	☒ 52											9.3
4	148	1464	4.041	25	☒ 25			X								9.9
5	149	1532	4.640	10	☒ 10											11.3
6	150	1565	6.470	5	☒ 5											16.9
7	151	638	7.024	0	☒ 1											
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): ST

Bottom Depth: 59 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	2214	
Bottom	2217	
End	2224	

Positional Information

Start Lat: 49 ° 27.732 N
Lon: 124 ° 39.962 W

Bottom Lat: 49 ° 27.733 N
Lon: 124 ° 39.958 W

End Lat: 49 ° 27.721 N
Lon: 124 ° 39.960 W

Oxygen Info For This Cast

Blank Value: 0.0037 mL · L⁻¹
Std Value: 0.7029 mL · L⁻¹
*Date Run: 12 | 8 | 11
Analyst: ST

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