

Water Properties Group

Rosette Log

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

Cruise ID: 2009-60

Station: S06 South

Event #: 1

Ship: Vector

UTC Date (dd|mmm|yyyy): 01 | 11 | 2009

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						
1	1	647	2.96364	B-5	✓ 304	✓		✓			✓						
2	2	620	2.81319	B-10	✓ 299	✓					✓						
3	3	700	2.85876	250	✓ 252						✓						
4	4	639	2.94037	200	✓ 202						✓						
5	5	715	2.96455	175	✓ 177						✓						
6	6	712	3.13717	150	✓ 151	✓					✓						
7	7	1301	3.07265	125	✓ 125						✓						
8	8	1333	3.28747	100	✓ 100						✓						
9	9	1321	3.25928	75	✓ 75						✓						
10	10	1368	3.2296	50	✓ 50						✓						
11	11	1374		30	✓ 30						✓						0.532 overshoot
12	12	1174	3.37575	20	✓ 20						✓						
13	13	1302	4.27161	10	✓ 10						✓						
14	14	1465	6.27891	0	✓ 1						✓						
15																	
16	REP	638	2.75784	B-10													
17	REP	1105	3.14273	150													
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Watchkeeper(s):

Bottom Depth: 308 m

Transmissio Cleaned: ✓ Y / N

	Time	UTC	Local
Start		0052	1752
Bottom		0102	1802
End		0125	1825

Positional Information

Start Lat: 49 ° 01.626 N
Lon: 123 ° 25.447 W

Bottom Lat: 49 ° 01.567 N
Lon: 123 ° 25.415 W

End Lat: 49 ° 01.409 N
Lon: 123 ° 25.376 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

Fix Sample number change
fix date entry

Water Properties Group

Rosette Log

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

Cruise ID: 2009-60 Station: SOG NORTH Event #: 4 Ship: Vector UTC Date (dd|mmm|yyyy): 01 | 11 | 09

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					
1	15	1247	149299	B-5	✓ 329			✓✓								Stalled .197 *
2	16	1400	305832	B-15	✓ 316	✓										
3	17	1175	309692	250	✓ 250											
4	18	1209	309199	200	✓ 200											error after HT
5	19	2020	307435	175	✓ 174											over shot
6	20	1384		150	✓ 149											over shot - reboot
7	21	1322	289875	125	✓ 125											
8	22	1373	273445	100	✓ 100											
9	23	1146	290964	75	✓ 75											
10	24	1386	376214	50	✓ 50	✓✓										
11	25	1414	529560	30	✓ 29											
12	26	1406	553915	20	✓ 20											
13	27	631	581212	10	✓ 9.7											
14	28	1397	593848	0	✓ 1.6											
15																
16	R&P	94	311201	B15	316											
17	R&P			50		No Sample ?										
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): _____

Bottom Depth: 333 m

Transmisso Cleaned: Y / N

	Time	UTC	Local
Start		1507	0707
Bottom		1518	0718
End		1541	0741

Positional Information

Start	Lat: <u>49</u> ° <u>50</u> <u>120</u> N
	Lon: <u>124</u> ° <u>51</u> <u>814</u> W

Bottom

Lat: <u>49</u> ° <u>50</u> <u>180</u> N
Lon: <u>124</u> ° <u>51</u> <u>779</u> W

End

Lat: <u>49</u> ° <u>50</u> <u>330</u> N
Lon: <u>124</u> ° <u>51</u> <u>858</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

* See notes in Kit 2 O₂ Log Book