

# Water Properties Group

# Rosette Log

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

Cruise ID: 2009-27

Station: SOG-N

Event #: 1

Ship: Vector

UTC Date (dd|mmm|yyyy): 01 | 04 | 2009

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken						Comments		
		Flask Serial #	Value mL · L <sup>-1</sup>	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	NH <sub>4</sub>				
1	001	2068	4.053	BOT-10	✓	✓	✓							file # 2 in sample
2	002	—	~	200	✓									
3	003	—	~	200	✓									
4	004	—	~	200	✓									
5	005	3051	3.822	160	✓	✓								
6	006		3.776 3.778	150	✓	✓								
7														
8														
9														
10														zero'd colour.
11														
12														
13														for the first sample - got this weird error message - had to exit
14														and restart the program 2x
15														zero'ing colourimeter seems to require the command 2xs
16														
17														
18														April 2nd - try again under constant ship conditions
19														and running junk samples for test
20														
21														
22														
23														
24														

Replicates

Replicates

RI BOT-10

Watchkeeper(s):  
Mike Dempsey

Bottom Depth: 340 m  
Transmisso Cleaned:  Y  N

Time	UTC	Local
Start	1419	7:19
Bottom	1429	7:29
End		

Positional Information

Start	Lat: <u>49</u> ° <u>50.056</u> N
Start	Lon: <u>124</u> ° <u>52.147</u> W

Bottom

Bottom	Lat: <u>49</u> ° <u>50.09</u> N
Bottom	Lon: <u>124</u> ° <u>52.11</u> W

End

End	Lat: <u>49</u> ° <u>50.174</u> N
End	Lon: <u>124</u> ° <u>52.090</u> W

Oxygen Info For This Cast

Blank Value: \_\_\_\_\_ mL · L<sup>-1</sup>

Std Value: \_\_\_\_\_ mL · L<sup>-1</sup>

\*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: 2009-27

Station: SOG-S

Event #: 002

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 02 | 04 | 2009

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken					Comments	
		Flask Serial #	Value mL · L <sup>-1</sup>	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	NH <sub>4</sub>		
1	007	a 3.609 b 3.710		BOT-10	✓ 291	✓✓			✓			
2	008	a 4.993 b 4.982		160	✓ 159.9	✓✓						
3	009	a 4.817 b 4.827		150	✓ 150.2	✓✓						
4	010	4.515		5	✓ 5.0							
5		no values reported - just checking operations										
6												
7												
8												
9		007a → should be BOT-10 (not 150m)										
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Watchkeeper(s): Mike D

Bottom Depth: 310 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1413	
Bottom	1423	
End	1436	

Positional Information

Start  
 Lat: 49 ° 01.334 N  
 Lon: 123 ° 25.072 W

Bottom  
 Lat: 49 ° 01.294 N  
 Lon: 123 ° 24.962 W

End  
 Lat: 49 ° 01.280 N  
 Lon: 123 ° 24.869 W

Oxygen Info For This Cast

Blank Value: \_\_\_\_\_ mL · L<sup>-1</sup>

Std Value: \_\_\_\_\_ mL · L<sup>-1</sup>

\*Date Run: \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Analyst: \_\_\_\_\_

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