

Water Properties Group

Rosette Log

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

Cruise ID: 2011-28 Station: FRI Event #: 02 Ship: VECTOR UTC Date (dd|mmm|yyyy): 04 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken						Comments
		Flask Serial #	Value mL * L ⁻¹	Target Pressure	Confirmed ☒ Pressure	Oxy	Nut	Sal	POC	NH ₄	PH	
1	01											No DO taken see log for sampling
2	02					✓	✓	✓	✓	✓	✓	
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Watchkeeper(s): DS/SS/IGC

Bottom Depth: 84 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start		
Bottom		
End	<u>2047</u>	

Positional Information

Start Lat: 49 ° 6.805 N
Lon: 123 ° 16.640 W

Start

Bottom

Lat: ° N
Lon: ° W

End

Lat: ° N
Lon: ° 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: 2011-28

Station: FR2

Event #: 03

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 04 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken								Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed ☒ Pressure	Oxy DIC	Nut	Sal	Chl a	NH ₄ del18	pH	TOC DOC	CDOM	
1	03													
2	04					✓	✓	✓	✓	✓		✓	✓	
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): DS/ST/GC

Bottom Depth: _____ m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start		
Bottom		
End	2123	

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: 49 ° 6.206 N

Lon: 123 ° 18.060 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: 2011-28 Station: FR3 Event #: 04 Ship: Vector UTC Date (dd|mmm|yyyy): 04 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken								Comments		
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed ☒ Pressure	Oxy	Nut	Sal	chl	NH ₄	PH	TOC	CDOM			
1	05															
2	06															
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DS/SJ/GC

Bottom Depth: 86 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start		
Bottom		
End	<u>2154</u>	

Positional Information

Start
Lat: ° N
Lon: ° W

Bottom
Lat: ° N
Lon: ° W

End
Lat: 49 ° 6.401 N
Lon: 123 ° 19.577 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: 2011-28 Station: FR4 Event #: 05 Ship: Vector UTC Date (dd|mmm|yyyy): 04 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken								Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed ☒ Pressure	Oxy DIC	Nut	Sal	chl ☒	NH ₄ ☒	PH ☒	TOC ☒	CDOM ☒	
1	07													
2	08					✓	✓	✓	✓	✓	✓	✓	✓	
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): DS KS/GC

Bottom Depth: 148 m

Transmisso Cleaned: Y / ☒ N

Time	UTC	Local
Start		
Bottom		
End	<u>2216</u>	

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: 49 ° 6.660 N

Lon: 123 ° 20.974 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: 2011-28 Station: FR5 Event #: 000 Ship: VECTOR UTC Date (dd|mmm|yyyy): 04 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken								Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed √ Pressure	Oxy DIC	Nut	Sal	chl POC	NH ₄ de118	PH	TDC DOC	CDOM	
1	09													
2	10					✓✓	✓✓	✓✓	✓	✓✓		✓✓	✓✓	
3														
4														
5														
6														
7														
8														
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10														
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17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): DS/ST/GC

Bottom Depth: 181 m

Transmisso Cleaned: Y / (N)

Time	UTC	Local
Start		
Bottom		
End	2242	

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: 49° 7.066 N

Lon: 123° 22.397 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: 2011-28 Station: FR6 Event #: 007 Ship: VECTOR UTC Date (dd|mmm|yyyy): 04 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken								Comments
		Flask Serial #	Value mL • L ⁻¹	Target Pressure	Confirmed ☒ Pressure	Oxy DIC	Nut	Sal	chl POC	NH4 de18	pH	TOC DOC	CDOM	
1	11													
2	12						✓	✓	✓	✓				
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): DS/SJ/GC

Bottom Depth: 708 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start		
Bottom		
End	2307	

Positional Information
Start
Lat: ° N
Lon: ° W

Bottom
Lat: ° N
Lon: ° W

End
Lat: 49 ° 7.424 N
Lon: 123 ° 23.822 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: 2011-28 Station: FR 7 Event #: 08 Ship: VECTOR UTC Date (dd|mmm|yyyy): 04 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken										Comments
		Flask Serial #	Value mL * L ⁻¹	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	CHL	NH ₄	PH	TOC	DOC	CO ₂		
1	13															
2	14					/	/	/	/	/						
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DS/SS/GC

Bottom Depth: 280 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start		
Bottom		
End	<u>2330</u>	

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: 49° 08.070 N

Lon: 123° 26.183 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: 2011-28

Station: FR8

Event #: 09

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 05 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken							Comments
		Flask Serial #	Value mL * L ⁻¹	Target Pressure	Confirmed ☒ Pressure	Oxy	Nut	Sal	chl	NH ₄	PH	TOC	
1	15												
2	16												
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

Watchkeeper(s): DS/ST/GC

Bottom Depth: 322 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start		
Bottom		
End	<u>0036</u>	

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: 49 ° 8.694 N

Lon: 123 ° 28.586 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: 2011-28

Station: FR9

Event #: 10

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 05 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken								Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed √ Pressure	Oxy DIC	Nut	Sal	CHL POC	NH ₄ 2118	PH	TOC DOC	CO ₂ M	
1	17													NO DO
2	18													
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): OS/SJ/GC

Bottom Depth: 350 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start		
Bottom		
End	0057	

Positional Information

Start Lat: 49 ° 9.344 N
 Lon: 123 ° 30.962 W

Bottom Lat: ° N
 Lon: ° W

End Lat: ° N
 Lon: ° 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: 2011-28

Station: FR10

Event #: 11

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 05 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken								Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed Pressure	Oxy DIC	Nut	Sal	chl a	NH ₄ de18	PH	TOC	CDOM	
1	19													
2	20					✓✓	✓✓	✓✓	✓	✓✓				
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): DS/SJ/GC

Bottom Depth: 374 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start		
Bottom		
End	0122	

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: 49° 09.914 N

Lon: 123° 32.837 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: 2011-28

Station: SOG-N

Event #: 012

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 05 | 04 | 2011

	Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken										Comments
			Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	OM DIC	NH ₄ del18	PH	TOC	DOC	DOM	POC	
1	1	21	3187	3.200	BOT-5	✓ 334	✓				✓	✓	✓	✓			
	2	22			BOT-5	✓ 334		✓	✓	✓	✓	✓					
2	3	23	3043	?	250	✓	✓				✓	✓	✓	✓			
	4	24			250	✓		✓	✓	NO	✓						
3	5	25	3124	3.666	200	✓	✓				✓	✓	✓	✓			
	6	26			200	✓		✓	✓	NO	✓						
4	7	27	1174	3.917	150	✓	✓				✓	✓	✓	✓			
5	8	28	1313	4.036	150	✓		✓	✓	✓	✓						
6	9	29	657	4.213	100	✓	✓				✓	✓	✓	✓			
	10	30			100	✓		✓	✓	NO	✓						
7	11	31	2082	4.550	75	✓	✓				✓	✓	✓	✓			
	12	32			75	✓		✓	✓	✓	✓						
8	13	33	1477	5.982	50	✓	✓				✓	✓	✓	✓			
	14	34	1470	5.976	50	✓		✓	✓	NO	✓						
9	15	35	557	7.314	25	✓	✓				✓	✓	✓	✓			
	16	36			25	✓		✓	✓	✓	✓						
10	17	37	622	7.382	15	✓	✓				✓	✓	✓	✓			
	18	38			15	✓		✓	✓	NO	✓						
11	19	39	1498	8.349	10	✓	✓				✓	✓	✓	✓			AIR BUBBLE in SAMPLE
	20	40			10	✓		✓	✓	✓	✓						
12	21	41	2055	7.401	5	✓	✓				✓	✓	✓	✓			
	22	42			5	✓		✓	✓	NO	✓						
13	23	43	2019	7.399	0	✓	✓				✓	✓	✓	✓			
	24	44	3084	7.394	0	✓		✓	✓	✓	✓				✓		

Watchkeeper(s): DS/SS/GC

Bottom Depth: 338 m

Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	1416	
Bottom	1424	
End	1444	

Positional Information

Start Lat: 49 ° 50.035 N

Lon: 124 ° 51.935 W

Bottom Lat: 49 ° 50.035 N

Lon: 124 ° 51.850 W

End Lat: 49 ° 50.069 N

Lon: 124 ° 51.845 W

Oxygen Info For This Cast

Blank Value: 0.0006 mL · L⁻¹

Std Value: 0.5467 mL · L⁻¹

*Date Run: 7 | 4 | 11

Analyst: H.m.

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

2 niskins/depth. ; POC @ 0m only

Water Properties Group

Rosette Log

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

Cruise ID: 2011-28 Station: SoG-S Event #: 014 Ship: Vector UTC Date (dd|mmm|yyyy): 06 | Apr | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken										Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	CH DIC	NH ₄ 180	pH	TOC DOC	CDOM	POC		
1	45	1213	2.919	Bot-5	✓ 314	✓					✓✓✓	✓✓	✓✓			
2	46			Bot-5	✓ 314		✓✓	✓✓	✓✓	✓✓						
3	47	3200	3.161	250	✓	✓✓					✓✓✓	✓	✓			
4	48	3193	3.162	250	✓		✓	✓	✓	✓						
5	49	1473	3.714	200	✓	✓					✓✓	✓	✓			
6	50			200	✓		✓	✓	✓	✓						
7	51	1106	4.706	150	✓	✓✓					✓✓✓	✓	✓			
8	52			150	✓		✓✓	✓	✓	✓✓						
9	53	2063	5.610	100	✓	✓					✓✓✓	✓	✓			
10	54			100	✓		✓	✓	✓	✓						
11	55	2092	5.497	75	✓	✓					✓✓✓	✓	✓			
12	56			75	✓		✓	✓	✓	✓						
13	57	3075	5.405	50	✓	✓✓					✓✓	✓	✓✓			
14	58	3019	5.477	50	✓		✓✓	✓✓	✓	✓✓						
15	59	1377	5.726	25	✓	✓					✓✓✓	✓	✓			
16	60			25	✓		✓	✓	✓	✓						
17	61	1128	6.153	15	✓	✓					✓✓	✓	✓			
18	62			15	✓		✓	✓	✓	✓						
19	63	1314	6.936	10	✓	✓					✓✓✓	✓	✓			
20	64			10	✓		✓	✓	✓	✓						
21	65	94	7.612	5	✓	✓					✓✓	✓	✓			
22	66			5	✓		✓	✓	✓	✓						
23	67	712	7.242	0		✓✓					✓✓✓	✓✓	✓✓			
24	68	3016	7.250	0			✓✓	✓✓	✓✓	✓✓				✓		

Watchkeeper(s): DS / ST / GC

Bottom Depth: 316 m

Transmisso Cleaned: Y / N

	UTC	Local
Time Start	1421	
Bottom	1430	
End	1448	

Positional Information

Start Lat: 49 ° 1.532 N
Lon: 123 ° 25.792 W

Start

Bottom Lat: 49 ° 1.540 N
Lon: 123 ° 25.775 W

Bottom

End Lat: 49 ° 1.530 N
Lon: 123 ° 25.748 W

End

Oxygen Info For This Cast

Blank Value: 0.0005 mL · L⁻¹
Std Value: 0.5458 mL · L⁻¹
*Date Run: 8 | 4 | 11
Analyst: H.M.

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

2 Niskins / depth , POC @ surface only

Group

Rosette Log

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

Station: SOGN

Event #: 012

Ship: VECTOR

UTC Date (dd|mmm|yyyy): 05 | 04 | 2011

ions alue L·L ⁻¹	Rosette Operation		Samples Taken										Comments
	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	DIC DIC	-NH₄ -NH ₄	PH	TOC	DOC	DOM	POC	
	BOT-5	✓ 334	✓					✓	✓	✓			
	BOT-5	✓ 334		✓	✓	✓	✓	✓	✓	✓			
	250	✓	✓					✓	✓	✓			
	250	✓		✓	✓	NO	✓	✓	✓	✓			
	200	✓	✓			NO	✓	✓	✓	✓			
	200	✓		✓	✓	NO	✓						
	150	✓	✓		✓			✓	✓	✓			
	150	✓		✓	✓	✓	✓						
	100	✓	✓					✓	✓	✓			
	100	✓		✓	✓	NO	✓						
	75	✓	✓					✓	✓	✓			
	75	✓		✓	✓	✓	✓						
	50	✓	✓					✓	✓	✓			
	50	✓		✓	✓	NO	✓						
	25	✓	✓					✓	✓	✓			
	25	✓		✓	✓	✓	✓						
	15	✓	✓					✓	✓	✓			
	15	✓		✓	✓	NO	✓						
	10	✓	✓					✓	✓	✓			
	10	✓		✓	✓	✓	✓						
	5	✓	✓					✓	✓	✓			
	5	✓		✓	✓	NO	✓						
	0	✓	✓					✓	✓	✓			
	0	✓		✓	✓	✓	✓				✓		

missometer to be cleaned before each cast, do not use Ammonia products

<http://www.pac.dfo-mpo.gc.ca/sci/osap/projects/waterproperties/>

Watchkeeper(s):

Bottom Depth: 338 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1416	
Bottom	1424	
End	1444	

Positional Information		
Start	Lat:	° N
	Lon:	° W
Bottom	Lat:	° N
	Lon:	° W
End	Lat:	49° 50.069 N
	Lon:	124° 51.845 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

POC & DOC

Water Properties Group

Rosette Log

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

Cruise ID: 2011-28 Station: SOG S Event #: 014 Ship: Vector UTC Date (dd|mmm|yyyy): 06 | Apr | 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 ⁺	pH	TOC	DON	POC		
1	45			Bot-5	✓ 314	✓					✓✓	✓✓	✓✓			
2	46			Bot-5	✓ 314		✓✓	✓✓	✓✓	✓✓						
3	47			250	✓	✓✓					✓✓	✓	✓			
4	48			250	✓		✓	✓	✓	✓						
5	49			200	✓	✓					✓✓	✓	✓			
6	50			200	✓		✓	✓	✓	✓						
7	51			150	✓	✓✓					✓✓	✓	✓			
8	52			150	✓		✓✓	✓	✓	✓✓						
9	53			100	✓	✓					✓✓	✓	✓			
10	54			100	✓		✓	✓	✓	✓						
11	55			75	✓	✓					✓✓	✓	✓			
12	56			75	✓		✓	✓	✓	✓						
13	57			50	✓	✓✓					✓✓	✓	✓✓			
14	58			50	✓		✓✓	✓✓	✓	✓✓						
15	59			25	✓	✓					✓✓	✓	✓			
16	60			25	✓		✓	✓	✓	✓						
17	61			15	✓	✓					✓✓	✓	✓			
18	62			15	✓		✓	✓	✓	✓						
19	63			10	✓	✓					✓✓	✓	✓			
20	64			10	✓		✓	✓	✓	✓						
21	65			5	✓	✓					✓✓	✓	✓			
22	66			5	✓		✓	✓	✓	✓						
23	67			0		✓✓					✓✓	✓✓	✓✓			
24	68			0			✓✓	✓✓	✓✓	✓✓				✓		

Watchkeeper(s):

Bottom Depth: 316 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	<u>1421</u>	
Bottom	<u>1430</u>	
End		

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: ° N

Lon: ° 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

Version: 28 Feb 2008

Transmissometer to be cleaned before each cast, do not use Ammonia products

<http://www.pac.dfo-mpo.gc.ca/sci/osap/projects/waterproperties/>

2 Niskins / depth , poc @ surface only

→ original rose He sheet to HMV for analysis

Water Properties Group

Rosette Log

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

Cruise ID: 2011-28 Station: SOGN Event #: 012 Ship: VECTOR UTC Date (dd/mmm/yyyy): 05 | 04 | 2011

Niskin #	Sample #	Oxygen Titrations		Rosette Operation		Samples Taken				DIC	NH ₄	PH	TOC	CDOM	POC	Comments
		Flask Serial #	Value mL · L ⁻¹	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal								
1	21			Bot-5	✓ 334	✓						✓	✓	✓		
2	22			Bot-5	✓ 334	✓	✓	✓	✓			✓	✓	✓		
3	23			250	✓	✓						✓	✓	✓		
4	24			250	✓		✓	✓	NO	✓						
5	25			200	✓	✓						✓	✓	✓		
6	26			200	✓		✓	✓	NO	✓						
7	27			150	✓	✓						✓	✓	✓		
8	28			150	✓		✓	✓	✓	✓						
9	29			100	✓	✓						✓	✓	✓		
10	30			100	✓		✓	✓	NO	✓						
11	31			75	✓	✓						✓	✓	✓		
12	32			75	✓		✓	✓	✓	✓						
13	33			50	✓	✓						✓	✓	✓		
14	34			50	✓		✓	✓	NO	✓						
15	35			25	✓	✓						✓	✓	✓		
16	36			25	✓		✓	✓	✓	✓						
17	37			15	✓	✓						✓	✓	✓		
18	38			15	✓		✓	✓	NO	✓						
19	39			10	✓	✓						✓	✓	✓		
20	40			10	✓		✓	✓	✓	✓						
21	41			5	✓	✓						✓	✓	✓		
22	42			5	✓		✓	✓	NO	✓						
23	43			0	✓	✓						✓	✓	✓		
24	44			0	✓		✓	✓	✓	✓					✓	

Watchkeeper(s):

Bottom Depth: 338 m

Transmissio Cleaned: (Y) N

Time	UTC	Local
Start	1416	
Bottom	1424	
End	1444	

Positional Information

Start
Lat: ° N
Lon: ° W

Bottom
Lat: ° N
Lon: ° W

End
Lat: 49° 50.069 N
Lon: 124° 51.845 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

Version: 28 Feb 2008

Transmissometer to be cleaned before each cast, do not use Ammonia products

<http://www.pac.dfo-mpo.gc.ca/sci/osap/projects/waterproperties/>

2 niskins/depth. ; POC & CDOM only

→ original sheet to HM for analysis