

Water Properties Group

Rosette Log

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

Cruise ID: 2008-05

Station: LB01

Event #: 001

Ship: Tully

UTC Date (dd|mmm|yyyy): 22 | 5 | 2008

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	001	1413	4.995	30	26			✓						39 sec
2	002	1418	4.701	20	20		X							39
3	003	1421	6.027	10	9.6									58
4	004	1427	6.302	5	4.8									45
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): BT BM LG

Bottom Depth 32 m

Transmissio Cleaned: Y / N

Time	UTC	Local
Start		
Bottom		
End	15:12	08:12

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: 48 ° 40.49 N

Lon: 124 ° 59.66 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: 2008-05 Station: L802 Event #: 2 Ship: Tully UTC Date (dd|mmm|yyyy): 22 | |

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	005	1426	3.692	50	48		✓	✓	✓	✓				
2	006	1429	3.720	40	40		✓		✓	✓				
3	007	1430	5.567	30	30		✓		✓	✓				
4	008	1433	6.103	20	18		✓							
5	009	1432		10	10		✓							
6	010	1434	6.277	5	4.5		✓							
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): DT DM LG

Bottom Depth: 55 m

Transmisso Cleaned: (Y) / N

	Time	UTC	Local
Start		1608	0918
Bottom		1621	0921
End		1633	0933

Positional Information

Start

Lat: ° N

Lon: ° W

Bottom

Lat: ° N

Lon: ° W

End

Lat: 48 ° 39 040 N

Lon: 125 ° 02 450 W

Oxygen Info For This Cast

Blank Value: _____ mL · L⁻¹

Std Value: _____ mL · L⁻¹

*Date Run: ____ | ____ | ____

Analyst: DA

* 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: 2008-5 Station: LB04 Event #: 4 Ship: Tully UTC Date (dd|mmm|yyyy): 22 | 5 | 08

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	11	1443	2.920	100	☒ 101			☒	☒	☒						
2	12	1445	2.733	75	☒ 75				☒	☒						
3	13	1446	4.311	50	☒ 50			☒	☒	☒						
4	14	1447	5.543	30	☒ 30											
5	15	1451	6.368	20	☒ 18		☒									
6	16	1453	6.531	10	☒ 10											
7	17	1454	4.012	5	☒ 5											
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): BT DM LG

Bottom Depth: 110 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1751	1051
Bottom	1754	1054
End	1805	1105

Positional Information
 Start
 Lat: 48 ° 35 700 N
 Lon: 125 ° 08 652 W

Bottom
 Lat: 48 ° 35 716 N
 Lon: 125 ° 08 636 W

End
 Lat: 48 ° 35 741 N
 Lon: 125 ° 08 677 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: 2008-05 Station: L806 Event #: 8 Ship: Tully UTC Date (dd|mmm|yyyy): 22 | May | 2008

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	18	1456	1.656	80-10	☒	108		☒	☒	☒						NOTE NH4 + CHLA
2	19	1338	1.769	100	☒			☒	☒	☒						AT BOTTOM NOT TOP
3	20	1340	2.003	75	☒				☒	☒						
4	21	1341	3.336	50	☒				☒	☒						
5	22	1344	5.922	30	☒											
6	23	1347	6.145	20	☒											
7	24	1351	7.170	10	☒											
8	25	1354	7.857	5												
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DA, MC, SD, PhD

Bottom Depth: 115 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	2213	
Bottom	2217	
End	2224	

Positional Information

Start Lat: 48 ° 32 14 N
Lon: 125 ° 15 48 W

Bottom Lat: 48 ° 32 12 N
Lon: 125 ° 15 47 W

End Lat: 48 ° 32 05 N
Lon: 125 ° 15 45 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: 2008-05 Station: LB08 Event #: 27 Ship: Tully UTC Date (dd|mmm|yyyy): 23 | May | 2008

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	26	1356	1.455	Bot-10	✓ 12.7			X	X	XX						NOTE THE NH4 CHLOR AT BOTTOM NOT TOP
2	27	1358	2.978	125	✓			X	X	XX						
3	28	1360	2.219	100	✓				X	XX						
4	29	1361	2.349	75	✓		X									
5	30	1362	3.389	50	✓											
6	31	1363	3.605	30	✓											
7	32	1364	4.591	20	✓											
8	33	1366	7.095	10	✓											
9	34	1367	7.379	5				X								
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DA-JD MG

Bottom Depth: 135 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0831	
Bottom	0834	
End	0844	

Positional Information

Start Lat: 48 ° 25 23 N
Lon: 125 ° 28 57 W

Bottom Lat: 48 ° 25 23 N
Lon: 125 ° 28 58 W

End Lat: 48 ° 25 24 N
Lon: 125 ° 28 61 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: 2008-03 Station: LBO9 Event #: 29 Ship: Tully UTC Date (dd|mmm|yyyy): 23 | May | 2008

Nut
Samples
mistakenly
as
43
44
45
46
47
48
49

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	35	1150	1.840	Bot-10	☒			X								CHLA + NH4 ACTUALLY
2	36	647	1.818	125	☒			X								BOTTLE 1, 2, 3
3	37	700	2.311	100	☒											
4	38	638	2.574	75	☒											
5	39	657	3.125	50	☒											
6	40	639	3.925	30	☒											
7	41	1110	6.810	20	☒		X		X	XX						
8	42	1487	6.964	10	☒				X	XX						No nuts taken
9	43	715	7.254	5				X	X	XX						8 or 9.
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DA JD MG

Bottom Depth: 150 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	0945	
Bottom	0950	
End	1000	

Positional Information

Start Lat: 48 ° 21 96 N
Lon: 125 ° 34 82 W

Bottom Lat: 48 ° 21 99 N
Lon: 125 ° 34 82 W

End Lat: 48 ° 22 02 N
Lon: 125 ° 34 78 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: 2008-05 Station: L311 Event #: 31 Ship: TOLLY UTC Date (dd|mmm|yyyy): 23 | 05 | 2008

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	712	2.212	130	✓ 195			X								CHL a + NH ₄ ACTUALLY
2	45	1105	1.872	175	✓		X	X								BOTTLES 1, 2, 3
3	46	1305	2.524	150	✓											
4	47	1302	3.165	125	✓											
5	48	1333	3.546	100	✓											
6	49	1301	4.548	75	✓											
7	50	1321	6.785	50	✓											
8	51	1306	6.859	30	✓											
9	52	1174	7.337	20	✓				X	XX						
10	53	1309	7.254	10	✓				X	XX						
11	54	1328	7.361	5	✓			X	X	XX						
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): H.M. / A.S.

Bottom Depth: 205 m

Transmisso Cleaned: Y / N

	Time	UTC	Local
Start		11 48	
Bottom		11 52	
End		12 06	

Positional Information

Start
Lat: 48 ° 15.18 N
Lon: 125 ° 47.66 W

Bottom
Lat: 48 ° 15 18 N
Lon: 125 ° 47 65 W

End
Lat: 48 ° 15 19 N
Lon: 125 ° 47 72 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: 2008-05 Station: LB 12 Event #: 33 Ship: TULLY UTC Date (dd|mmm|yyyy): 23 | 05 | 2005

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	55	1413	0.635	B-10	☒ 500	☒	☒	☒								
2	56	1418	0.912	400	☒			☒								
3	57	1421	1.185	300	☒											
4	58	1427	1.893	250	☒											
5	59	1428	2.201	200	☒		☒									
6	60	1426	2.345	175	☒											
7	61	1429	4.261	150	☒											
8	62	1430	2.858	125	☒											
9	63	1433	3.715	100	☒											
10	64	1432	4.121	75	☒											
11	65	1434	5.998	50	☒											
12	66	1440	6.565	30	☒											
13	67	1443	7.295	20	☒				☒	☒						
14	68	1445	7.181	10	☒				☒	☒						
15	69	1446	8.405	5	☒	☒	☒	☒	☒	☒						
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): H.M./AS

Bottom Depth: 511 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	<u>1324</u>	
Bottom	<u>1330</u>	
End		

Positional Information

Start
 Lat: 48 ° 12.92 N
 Lon: 125 ° 51.93 W

Bottom
 Lat: 48 ° 12.88 N
 Lon: 125 ° 51.92 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: 2008-05 Station: LB 14 Event #: 36 Ship: _____ UTC Date (dd|mmm|yyyy): 23 | May | 2008

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	70	1456	0.309	8-10	✓	1151		✓								
2	71	1338	0.244	1000	✓	1001		✓								
3	72	1340	0.269	750	✓	751										
4	73			600												
5	74	Mr.		600												
6	75	Akash		600												
7	76	Sastri		600												
8	77			600												
9	78	1341	0.566	500	✓	500										
10	79	1344	0.971	400	✓	401										
11	80	1347	1.302	300	✓	300										
12	81	1351	2.093	250	✓	?										
13	82	1354	1.872	200	✓	?										
14	83	1356	2.452	175	✓	175										
15	84	1358	3.152	150	✓	149										
16	85	1360	3.443	125	✓	124										
17	86	1361	4.248	100	✓	99										
18	87	1362	6.433	75	✓	75										
19	88	1363	7.334	50	✓	50										
20	89	1364	6.827	30	✓	30										
21	90	1366	7.083	20	✓	19			✓✓	✓✓						
22	91	1367	7.426	10	✓	9			✓✓	✓✓						
23	92	1368	7.081	5	✓	5		✓	✓✓	✓✓						
24																

Watchkeeper(s): _____

Bottom Depth: 1172 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1601	
Bottom	1613	
End	1655	

Positional Information

Start Lat: 48 ° 08 492 N

Lon: 125 ° 59 958 W

Start

Bottom Lat: 48 ° 08 503 N

Lon: 125 ° 59 958 W

Bottom

End Lat: 48 ° 08 509 N

Lon: 125 ° 59 915 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: 2008-08 Station: LC11 Event #: 39 Ship: Tully UTC Date (dd|mmm|yyyy): 24 | 05 | 2008

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	93	1413	0.647	Bot-10	✓ 1457			✓✓								
2	94	1418	0.443	1250	✓			✓✓								
3	95	1421	0.284	1000	✓			✓✓								
4	96	1427	0.289	750	✓			✓✓								* CALLED 0=1750
5	97	1428	0.514	500	✓			✓✓								
6	98	1426	0.805	400	✓											
7	99	1429	1.508	300	✓		x									
8	100	1430	1.857	250	✓											
9	101	1433	2.320	200	✓											
10	102	1432	2.438	175	✓											
11	103	1434	3.187	150	✓											
12	104	1440	3.562	125	✓											
13	105	1443	3.752	100	✓											
14	106	1445	4.984	75	✓											
15	107	1446	6.035	50	✓											
16	108	1447	7.234	30	✓											
17	109	1451	7.070	20	✓				✓	✓✓						
18	110	1453	7.325	10	✓				✓	✓✓						
19	111	1454	7.363	5	✓			✓	✓	✓✓						
20																
21																
22																
23																
24																

Watchkeeper(s): H.M./A.S.

Bottom Depth: 1430 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	<u>0003</u>	
Bottom	<u>0037</u>	
End	<u>0124</u>	

Positional Information

Start

Lat: 48 ° 19.01 N

Lon: 126 ° 26.61 W

Bottom

Lat: 48 ° 19.07 N

Lon: 126 ° 26.82 W

End

Lat: 48 ° 19.48 N

Lon: 126 ° 26.70 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: 2008-05 Station: LC09 Event #: 42 Ship: TULLY UTC Date (dd|mmm|yyyy): 24 | 05 | 08

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	CVA			
1	112	1456	0.429	Bot-10	☒ 585	☒	☒							
2	113	1338	0.525	500	☒ 500			☒						
3	114	1340	0.702	400	☒ 399									
4	115	1341	1.050	300	☒ 300									
5	116	1344	1.280	250	☒ 249									
6	117	1347	2.058	200	☒ 198						☒			
7	118	1351	2.259	175	☒ 174									
8	119	1354	2.694	150	☒ 150						☒			
9	120	1356	3.006	125	☒ 126									
10	121	1358	3.542	100	☒ 100						☒			
11	122	1360	4.721	75	☒ 75		X							
12	123	1361	6.598	50	☒ 50						☒			
13	124	1362	7.051	30	☒ 32						☒			
14	125	1363	7.523	20	☒ 20				☒	☒				
15	126	1364	7.279	10	☒ 10				☒	☒	☒			
16	127	1366	9.213	5	☒ 5			☒	☒	☒				* BUBBLE
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): DT/DFM/LU

Bottom Depth: 599 m

Transmisso Cleaned: Y / N

	UTC	Local
Start	0510	2210
Bottom	0525	2225
End	0559	2259

Positional Information

Start

Lat: 48 ° 26 029 N

Lon: 126 ° 13 613 W

Bottom

Lat: 48 ° 26 140 N

Lon: 126 ° 13 602 W

End

Lat: 48 ° 26 082 N

Lon: 126 ° 13 801 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: 2008-05 Station: LCOS FA1 Event #: 46 Ship: Tully UTC Date (dd|mmm|yyyy): 24 | May | 2008

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	128	1150	1.331	Bot-10	-	182			x								
2	129	647	1.917	175	✓				x								
3	130	700	2.374	150	✓												
4	131	638	2.646	125	✓			x									
5	132	657	3.466	100	✓												
6	133	639	3.999	75	✓												
7	134	1110	7.286	50	✓												
8	135	1487	7.219	30	✓												
9	136	715	7.415	20	✓					x	xx						
10	137	1223	7.146	10	✓					x	xx						
11	138	712	7.691	5					x	x	xx						
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Watchkeeper(s): DA JD MG

Bottom Depth: 200 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start		0708
Bottom		0803
End		0817

Positional Information
Start
Lat: 48 ° 29 41 N
Lon: 126 ° 07 05 W

Bottom
Lat: 48 ° 29 41 N
Lon: 126 ° 07 06 W

End
Lat: 48 ° 29 42 N
Lon: 126 ° 07 07 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: 2008-05 Station: LC06/B6 Event #: 50 Ship: Tally UTC Date (dd|mmm|yyyy): 24 | May | 2008

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	1105	2.297	Bot-10	☒	86			x							
2	140	1305	4.421	75	☒			x								
3	141	1302	3.363	50	☒											
4	142	1333	6.430	30	☒											
5	143	1301	6.972	20	☒		x		x	x						
6	144	1321	7.740	10	☒				x	x						
7	145	1306	7.863	5				x	x	x						
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DA JD HG

Bottom Depth: 93 m

Transmisso Cleaned: ☒ Y / N

	UTC	Local
Time Start	0959	
Bottom	1002	
End	1009	

Positional Information

Start Lat: 48 ° 36 32 N
Lon: 125 ° 53 96 W

Bottom Lat: 48 ° 36 44 N
Lon: 125 ° 53 99 W

End Lat: 48 ° 36 49 N
Lon: 125 ° 54 01 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: 2008-05 Station: LC04 Event #: 56 Ship: Tully UTC Date (dd|mmm|yyyy): 24 05 | 2008

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	146	1413	2.782	80-10	☒ 155			x								
2	147	1418	2.779	150	☒			x								
3	148	1421	2.676	125	☒		x									
4	149	1427	2.828	100	☒											
5	150	1428	3.259	75	☒											
6	151	1426	3.698	50	☒											
7	152	1429	4.417	30	☒											
8	153	1430	5.470	20	☒				x	xx						
9	154	1433	6.722	10	☒				x	xx						
10	155	1432	6.981	5	☒			x	x	xx						
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): HM / AS

Bottom Depth: 166 m

Transmisso Cleaned: ☒ Y / N

	UTC	Local
Time Start	1245	
Bottom	1249	
End	1300	

Positional Information

Start Lat: 48 ° 43 49 N
Lon: 125 ° 40 76 W

Start

Bottom Lat: 48 ° 43 49 N
Lon: 125 ° 40 79 W

Bottom

End Lat: 48 ° 43 49 N
Lon: 125 ° 40 80 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: 2008-05 Station: LC02 Event #: 58 Ship: TULLY UTC Date (dd|mmm|yyyy): 24 | 05 | 2008

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	156	1434	2.787	B-10	☒ 100	☒	☒	☒								
2	157	1440	4.802	75	☒	☒	☒									
3	158	1443	4.147	50	☒	☒	☒									
4	159	1445	4.871	30	☒	☒	☒									
5	160	1446	5.023	20	☒	☒	☒		☒	☒						
6	161	1447	6.854	10	☒	☒	☒		☒	☒						
7	162	1451	6.713	5	☒	☒	☒		☒	☒						
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): HM/AS

Bottom Depth: 108 m

Transmisso Cleaned: ☒ / N

	UTC	Local
Start	1421	
Bottom	1424	
End		

Positional Information

Start
Lat: 48 ° 48.68 N
Lon: 125 ° 31.03 W

Bottom
Lat: 48 ° 48.64 N
Lon: 125 ° 31.00 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: 2008-05 Station: Lc01 Event #: 59 Ship: TULLY UTC Date (dd|mmm|yyyy): 24 | 05 | 2008

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	163	690	3.296	B-10	☒ 86	✓	✓	✓								
2	164	1175	3.211	75	☒ 74	✓	✓									
3	165	1176	3.726	50	☒ 50	✓	✓									
4	166	1146	4.926	30	☒ 30	✓	✓									
5	167	1180	6.204	20	☒ 20	✓	✓		✓	✓						
6	169	1414	6.911	10	☒ 9.9	✓	✓	✓	✓	✓						Salinity Bad
7	169	1213	8.066	5	☒ 4.8	✓	✓	✓	✓	✓						* AIR BUBBLE
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): D.T / DFM /

Bottom Depth: 94 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1505	0805
Bottom	1508	0808
End	1519	

Positional Information

Start

Lat: 48 ° 50.461 N

Lon: 125 ° 27.690 W

Bottom

Lat: 48 ° 50.477 N

Lon: 125 ° 27.683 W

End

Lat: 48 ° 50.471 N

Lon: 125 ° 27.739 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: 2008-05 Station: LG01 Event #: 60 Ship: Tully UTC Date (dd|mmm|yyyy): 24 | 5 | 08

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	170	1144	3.191	B-10	☒			x								CALLED 1106 in file
2	171	2020	3.285	30	☒											
3	172	1315	4.105	20	☒				xx	xx						
4	173	1318	4.085	10			x		xx	xx						
5	174	1317	5.223	5				x	xx	xx						
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DA JD MG

Bottom Depth: 51 m

Transmisso Cleaned: (Y) / N

	Time	UTC	Local
Start	<u>07</u>		<u>2031</u>
Bottom			<u>2033</u>
End			<u>2039</u>

Positional Information

Start

Lat: 49 ° 20 54 N

Lon: 126 ° 35 34 W

Bottom

Lat: 49 ° 20 60 N

Lon: 126 ° 35 38 W

End

Lat: 49 ° 20 59 N

Lon: 126 ° 35 40 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: _____ Station: LC02 Event #: 61 Ship: Tully UTC Date (dd|mmm|yyyy): 24 | May | 2008

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	175	1326	1.940	Bot-10	☒			x								
2	176	1320	2.631	75	☒			x								
3	177	1300	4.630	50	☒											
4	178	1322	3.843	30	☒											
5	179	1324	4.031	20	☒		x		xx	xx						
6	180	1373	4.762	10	☒				xx	xx						
7	181			5				x	xx	xx						Did not trigger
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): JA

Bottom Depth: 100 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start		2108
Bottom		2111
End		2121

Positional Information

Start
 Lat: 49 ° 18 78 N
 Lon: 126 ° 38 14 W

Bottom
 Lat: 49 ° 18 76 N
 Lon: 126 ° 38 13 W

End
 Lat: 49 ° 18 71 N
 Lon: 126 ° 38 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

* lots of jelly fish at surface gummed up latches.

Water Properties Group

Rosette Log

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

Cruise ID: _____ Station: LG 04 Event #: 64 Ship: TOLLY UTC Date (dd|mmm|yyyy): 24 | 05 | 08

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	182	647	1.917	Bot-10	☒ 135			x								
2	183	638	2.274	125	☒			x								
3	184	639	2.615	100	☒											
4	185	657	3.601	75	☒											
5	186	700	3.336	50	☒											
6	187	712	5.407	30	☒											
7	188	715	6.068	20	☒		x		x	xx						
8	189	1105	6.805	10	☒				x	xx						
9	190	1110	6.816	5	☒			x	x	xx						
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): HW/AS

Bottom Depth: 145 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	2317	
Bottom	2320	
End	23	

Positional Information

Start
 Lat: 49 ° 11.34 N
 Lon: 126 ° 49.40 W

Bottom
 Lat: 49 ° 11.33 N
 Lon: 126 ° 49.43 W

End
 Lat: 49 ° 11. N
 Lon: 126 ° 49. 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: 2008-05 Station: LG 06 Event #: 68 Ship: TULLY UTC Date (dd|mmm|yyyy): 25 | 05 | 08

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	191	1456	0.237	B-10	☒	976										
2	192	1338	0.431	750	☒											
3	193	1340	0.562	500	☒											
4	194	1341	0.790	400	☒											
5	195	1344	1.274	300	☒											
6	196	1347	1.481	250	☒											
7	197	1351	3.448	200	☒											
8	198	1354	3.075	175	☒											
9	199	1356	3.301	150	☒											
10	200	1358	4.180	125	☒											
11	201	1360	5.153	100	☒											
12	202	1361	6.873	75	☒											
13	203	—	—	50	☒	—————										Did not close
14	204	1363	7.007	30	☒											
15	205	1364	7.545	20	☒											
16	206	1366	7.807	10	☒											
17	207	1367	8.110	5	☒											
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): HN/AS

Bottom Depth: 971 m

Transmisso Cleaned: ☒ Y / ☐ N

	UTC	Local
Time Start	0154	
Bottom	0213	
End	0257	

Positional Information

Start Lat: 49 ° 03 . 47 N

Lon: 127 ° 01 . 21 W

Start

Bottom

Lat: 49 ° 03 48 N

Lon: 127 ° 01 22 W

End

Lat: 49 ° 03 51 N

Lon: 127 ° 01 23 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: 2008-05

Station: L609

Event #: 76

Ship: TULLY

UTC Date (dd|mmm|yyyy): 25 | MAY | 2008

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	208	705	1.368	2000	☒ 2005			☒								
2	209	1247	0.772	1500	☒			☒								
3	210	1230	0.356	1250	☒											
4	211	1228	0.188	1000	☒											
5	212	1238	0.197	750	☒		X									
6	213	1241	0.645	500	☒											
7	214	1268	0.903	400	☒											
8	215	1267	1.299	300	☒											
9	216	1244	1.740	250	☒											
10	217	1274	1.545	200	☒											
11	218	1271	1.410	175	☒											
12	219	1276	1.783	150	☒											
13	220	1424	1.792	125												
14	221	1278	3.493	100												
15	222	—	—	75				NO	SAMPLE							*
16	223	1280	6.730	50												
17	224	1281	7.061	30												
18	225	1282	6.898	20					☒	☒						
19	226	1283	6.923	10					☒	☒						
20	227	1293	6.865	5				☒	☒	☒						
21																
22																
23																
24																

Watchkeeper(s): D.A. MG, JD

Bottom Depth: 2050 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0812	
Bottom	0843	
End	0929	

Positional Information

Start

Lat: 48 ° 51 19 N

Lon: 127 ° 19 39 W

Bottom

Lat: 48 ° 51 18 N

Lon: 127 ° 19 35 W

End

Lat: 48 ° 51 21 N

Lon: 127 ° 19 42 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: 2008-5 Station: LBP 7 Event #: 83 Ship: Tully UTC Date (dd|mmm|yyyy): 25 | 5 | 8

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	CBA			
1	228	765	1.309	2005	☒			☒						
2	229	1247	0.838	1500	☒			☒						
3	230	1230	0.386	1250	☒									
4	231	1228	0.199	1000	☒									
5	232	1238	0.208	750	☒									
6	233	1241	0.487	500	☒									
7	234	1268	0.989	400	☒									
8	235	1267	1.664	300	☒									
9	236	1244	2.247	250	☒									
10	237	1274	3.102	200	☒									
11	238	1271	2.809	175	☒									
12	239	1276	2.945	150	☒									
13	240	1424	3.689	125	☒									
14	241	1278	4.671	100	☒									
15	242	1279	6.820	75	☒									
16	243	1280	5.543	50	☒		x							
17	244	1281	7.177	30	☒									
18	245	1282	7.094	20	☒				☒	☒				
19	246	1288	6.714	10	☒				☒	☒	☒			
20	247	1293	7.737	5				☒	☒	☒				
21														
22														
23														
24														

Watchkeeper(s): DA ME JD

Bottom Depth: 2167 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	2013	
Bottom	2051	
End	2147	

Positional Information

Start
Lat: 49 ° 52 39 N
Lon: 128 ° 11 23 W

Bottom
Lat: 49 ° 52 40 N
Lon: 128 ° 11 36 W

End
Lat: 49 ° 52 44 N
Lon: 128 ° 11 59 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: 2008-05

Station: LBP 5

Event #: 86

Ship: TULLY

UTC Date (dd|mmm|yyyy): 26 | 05 | 2008

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	248	1338	0.385	B-10	☒	1260	☒	☒								
2	249	1340	0.362	1000	☒		☒									
3	250	1341	0.282	750	☒		☒									
4	251	1344	0.616	500	☒		☒									
5	252	1347	0.832	400	☒		☒									
6	253	1351	1.123	300	☒		☒									
7	254	1354	1.783	250	☒		☒									
8	255	1356	2.039	200	☒		☒									
9	256	1358	2.508	175	☒		☒									
10	257	1360	2.681	150	☒		☒									
11	258	1361	2.699	125	☒		☒									
12	259	1362	2.804	100	☒		☒									
13	260	1363	3.617	75	☒		☒									
14	261	1364	5.351	50	☒		☒									
15	262	1366	5.898	30	☒		☒									
16	263	1456	6.459	20	☒		☒		☒	☒						
17	264	1367	7.116	10	☒		☒	☒	☒	☒						
18	265	1368	7.363	5	☒		☒	☒	☒	☒						
19																
20																
21																
22																
23																
24																

Watchkeeper(s): H.M. / A.S.

Bottom Depth: 1274 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	0004	
Bottom	0034	
End	0116	

Positional Information

Start
 Lat: 49 ° 59.95 N
 Lon: 127 ° 59.93 W

Bottom
 Lat: 49 ° 59.99 N
 Lon: 128 ° 00.03 W

End
 Lat: 49 ° 59.95 N
 Lon: 128 ° 00.13 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: 2008-05 Station: 1 BP 3 Event #: 90 Ship: TULLY UTC Date (dd|mmm|yyyy): 26 | 05 | 08

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	CBA			
1	266	638	2.256	8-10	☒ 160	☒	☒	☒						
2	267	639	4.027	150	☒ 150									(MISTRIGGER?) 160 DEPT'd in computer
3	268	647	2.731	125	☒ 125									
4	269	657	3.248	100	☒ 99									
5	270	700	3.230	75	☒ 75									
6	271	712	4.133	50	☒ 50									
7	272	715	4.876	30	☒ 30									
8	273	1105	5.546	20	☒ 20				☒	☒				
9	274	1110	6.735	10	☒ 10			☒	☒	☒				
10	275	1150	8.070	5	☒ 5			☒	☒	☒				
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): _____

Bottom Depth: 166 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0316	
Bottom	0323	
End	0338	

Positional Information

Start Lat: 50 ° 03 172 N
Lon: 127 ° 55 232 W

Start

Bottom Lat: 50 ° 03 182 N
Lon: 127 ° 55 241 W

Bottom

End Lat: 50 ° 03 203 N
Lon: 127 ° 55 294 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: _____ Station: CS02 Event #: 109 Ship: Tully UTC Date (dd|mmm|yyyy): 26 | May | 2008

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	276	705	0.282	B-10	✓ 1005			x								
2	277	1228	0.277	750	✓			x								
3	278	1238	0.614	500	✓											
4	279	1230	0.960	400	✓											
5	280	1241	1.734	300	✓											
6	281	1244	2.467	250	✓											
7	282	1247	2.195	200	✓											
8	283	1267	2.804	175	✓											
9	284	1269	2.980	150	✓		x									
10	285	1271	4.711	75	✓											
11	286	1274	6.847	50	✓											
12	287	1276	6.994	30	✓											
13	288	1278	7.370	20	✓				xx	xx						
14	289	1279	7.041	10	✓				xx	xx						
15	290	1280	6.945	5				x	xx	xx						
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DA HG JD

Bottom Depth: 1005 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1956	
Bottom	2012	
End	2045	

Positional Information

Start

Lat: 50 ° 41 35 N

Lon: 129 ° 27 96 W

Bottom

Lat: 50 ° 41 35 N

Lon: 129 ° 27 09 W

End

Lat: 50 ° 41 40 N

Lon: 129 ° 27 23 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: 2008-05

Station: C504

Event #: 113

Ship: TULLY

UTC Date (dd|mmm|yyyy): 26 | 05 | 08

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	291	638	3.469	80+10	☒ 86			x								
2	292	639	4.427	75	☒		x	x								
3	293	647	5.377	50	☒											
4	294	657	6.897	30	☒											
5	295	700	7.242	20	☒				x	xx						
6	296	712	7.279	10	☒				x	xx						
7	297	—	—	5	☒			y	x	xx	NO SAMPLE					FIRCD - BUT NO WATER (HUNG UP?)
8																TRIGGERED IN AIR?
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): HM/AS

Bottom Depth: 96 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	2343	
Bottom	2346	
End		

Positional Information

Start Lat: 50 ° 49.19 N
Lon: 129 ° 12.99 W

Bottom Lat: 50 ° 49.20 N
Lon: 129 ° 13.01 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: _____ Station: GEO1 Event #: 128 Ship: Tully UTC Date (dd|mmm|yyyy): 28 | May | 2008

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	298			350	✓	400										John's water ↓
2	299			350	✓											
3	300			325	✓											
4	301			300	✓											
5	302			250	✓											
6	303			225	✓											
7	304			200	✓											
8	305			175	✓											did not trip
9	306			150	✓											
10	307			125	✓											
11	308			100	✓											
12	309			75	✓											
13	310			50	✓											
14	311			30	✓											
15	312			25	✓											Akash water
16	313			20	✓											
17	314			10	✓											
18	315			5	✓											
19	316			surf												
20	317			surf												
21	318			surf												
22	319			surf												
23	320			surf												
24	321			surf												

Watchkeeper(s):
DA JD MG

Bottom Depth: 401 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0811	
Bottom	0818	
End		

Positional Information

Start
Lat: 49 ° 14 98 N
Lon: 123 ° 44 99 W

Bottom
Lat: 49 ° 14 98 N
Lon: 123 ° 44 99 W

End
Lat: 49 ° 14 N
Lon: 123 ° 44 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

7: lanyard was released, but latch was sticky. Will attend to # 7 latch. Marie.