

Water Properties Group

Rosette Log

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

Cruise ID: 2008-10 Station: SIO3 Event #: 1 Ship: TULLY UTC Date (dd|mmm|yyyy): 01 | 09 | 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	1	1456	0.00	Bot 70	☒ 215	☒	☒	☒								
2	2	1354	0.00	200	☒	☒	☒	☒								
3	3	1340	0.00	175	☒	☒	☒	☒								
4	4	1341	0.322	150	☒	☒	☒	☒								
5	5	1344	0.586	125	☒	☒	☒	☒								
6	6	1347	0.776	100	☒	☒	☒	☒								
7	7	1351	1.261	75	☒	☒	☒	☒								
8	8	1212	2.864	50	☒	☒	☒	☒								
9	9	1356	3.218	25	☒	☒	☒	☒								
10	10	1358	3.466	10	☒	☒	☒	☒								
11	11	1360	4.377	5	☒	☒	☒	☒								
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DMR

Bottom Depth: 227 m

Transmisso Cleaned: ☒ Y / ☐ N

	Time	UTC	Local
Start		0222	1922
Bottom		0225	
End		0239	

Positional Information

Start
Lat: 48 ° 35 49 N
Lon: 123 ° 30.06 W

Bottom
Lat: 48 ° 35.51 N
Lon: 123 ° 30.06 W

End
Lat: 48 ° 35 48 N
Lon: 123 ° 30 06 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: 2008-10 Station: L B01 Event #: 2 Ship: TOLLY UTC Date (dd|mmm|yyyy): 1 | 09 | 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						
1	12	639	3.885	Bot-10	☒ 25	↓	↓									
2	13	647	4.016	20	☒	↓	↓	✓	✓	✓						
3	14	657	5.370	10	☒	↓	↓	✓	✓	✓						
4	15	639	5.446	5	☒	↓	↓	✓	✓	✓						
5																
6	14	622	5.378													
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): H.M. +Bottom Depth: 32 mTransmisso Cleaned: ☒ N

	Time	UTC	Local
Start		1438	0738
Bottom		1441	0741
End		1447	0747

Positional Information

Start
Lat: 48 ° 40 49 N
Lon: 124 ° 59 53 WBottom
Lat: 48 ° 40 51 N
Lon: 124 ° 59 55 WEnd
Lat: 48 ° 40 57 N
Lon: 124 ° 59 60 W

Oxygen Info For This Cast

Blank Value: _____ mL · L⁻¹Std 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: 2008-10 Station: L302 Event #: 3 Ship: TULLY UTC Date (dd|mmm|yyyy): 1 | 9 | 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	16	712	2.920	Bot-10	☒	45	✓	✓								
2	17	1174	3.506	30	☒			✓								
3	18	1105	4.299	20	☒			✓	✓	W						Collected # 8 in FLG
4	19	1327	4.923	10	☒			✓	✓	W						
5	20	1487	5.442	5	☒			✓	✓	W						
6																
7	19	1333	4.956	10												
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PLAM

Bottom Depth: 55 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	1520	0820
Bottom	1521	0821
End	1526	0826

Positional Information
Start Lat: 48 ° 39 05 N
Lon: 125 ° 02 55 W

Bottom Lat: 48 ° 39 06 N
Lon: 125 ° 02 56 W

End Lat: 48 ° 39 08 N
Lon: 125 ° 02 65 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

OXY WHITE BOX LABELLED

Water Properties Group

Rosette Log

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

Cruise ID: 2008-20 Station: L B04 Event #: 5 Ship: TULLY UTC Date (dd|mmm|yyyy): 01 | 09 | 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	22	1374	1.873	Bot-10	☒	102	1									
2	23	1301	2.181	75	☒		1	☒								
3	24	1302	3.580	50	☒		☒	☒								BUBBLE in SAMPLE
4	25	1306	3.663	30	☒											
5	26	1321	4.741	20	☒				☒	☒						
6	27	1368	5.383	10	☒		1		☒	☒						
7	28	/	/	5	☒		☒	☒	☒	☒						> DID NOT FIRE
8																
9	24	1338	3.085													
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DLAM

Bottom Depth: 111 m

Transmisso Cleaned: ☒ Y / ☐ N

	Time	UTC	Local
Start		1629	0929
Bottom		1631	0931
End		1638	0938

Positional Information

Start
Lat: 48 ° 35.68 N
Lon: 125 ° 08.79 W

Bottom
Lat: 48 ° 35.69 N
Lon: 125 ° 08.81 W

End
Lat: 48 ° 35.69 N
Lon: 125 ° 08.91 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: 2008-10

Station: 4306

Event #: 9

Ship: TULLY

UTC Date (dd|mmm|yyyy): 1 | 9 | 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	31	632	1.159	Bot-10	✓	105	✓									0.060+
2	32	76	1.991	75	✓	75	✓									0.196 dosimet
3	33	329	2.978	50	✓	50	✓									
4	34	425	3.956	30	✓	30	✓									
5	35	371	5.634	20	✓	19.5	✓		✓	✓						
6	36	439	5.869	10	✓	9.8			✓	✓						
7	37			5	✓	5			✓	✓						Did not trip
8																
9																
10	35	1375	5.629													
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): _____

Bottom Depth: 116 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1939	1239
Bottom	1942	1242
End	1952	1252

Positional Information

Start	Lat: <u>48</u> ° <u>32 240</u> N
	Lon: <u>125</u> ° <u>15 604</u> W

Bottom

Lat: <u>48</u> ° <u>32.245</u> N
Lon: <u>125</u> ° <u>15 631</u> W

End

Lat: <u>48</u> ° <u>32.31</u> N
Lon: <u>125</u> ° <u>15-69</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

Dosimat lines loose - sample 31 & 32 run again
OXY: GREEN Box, LABELLED

Water Properties Group

Rosette Log

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

Cruise ID: 2008-10 Station: LB08 Event #: 22 Ship: TULLY UTC Date (dd|mmm|yyyy): 2 | 9 | 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	44	462	0.996	Bot 70	☒	130	✓	✓								
2	45	547	1.068	125	☒			✓								
3	46	471	1.168	100	☒	✓		✓								
4	47	557	1.310	75	☒											
5	48	2040	2.208	50	☒											
6	49	559	2.865	30	☒											
7	50	✓		20	☒											
8	51	586	3.846	20	☒				✓	✓						
9	52	599	6.052	10	☒		✓		✓	✓						
10	53	1158	6.443	5	☒	✓	✓	✓	✓	✓						
11																
12																
13	46	1328	1.116	100												
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DLAM

Bottom Depth: 140 m

Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	0507	2207
Bottom	0510	2210
End	0520	2220

Positional Information
Start Lat: 48 ° 25.27 N
Lon: 125 ° 28.63 W

Bottom Lat: 48 ° 25.29 N
Lon: 125 ° 28.62 W

End Lat: 48 ° 25.28 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: 2008-10 Station: LC01 Event #: 24 Ship: TULLY UTC Date (dd|mmm|yyyy): 21 | 9 | 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	54	690	2.554	Bot 10	☒	86	☒									
2	55	1175	2.611	75	☒		☒	☒								
3	56	1176	3.677	50	☒			☒								BUBBLE in SAMPLER
4	57	1146	3.923	30	☒											
5	58	1180	4.630	20	☒				☒	☒						
6	59	1414	5.246	10	☒				☒	☒						
7	60	—	—	5	☒											
8	61	1106	5.938	5	☒		☒	☒	☒	☒						
9																
10																
11	61	1123	5.979	5												#60 IN FILE
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DLAM

Bottom Depth: 96 m

Transmisso Cleaned: ☒ Y / ☐ N

	UTC	Local
Time		
Start	1637	0937
Bottom	1639	0939
End	1648	0948

Positional Information

Start Lat: 48 ° 50 .46 N
Lon: 125 ° 27 .86 W

Start

Bottom Lat: 48 ° 50 .47 N
Lon: 125 ° 27 .89 W

Bottom

End Lat: 48 ° 50 .51 N
Lon: 125 ° 28 .01 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: 2008-10 Station: LC02 Event #: 25 Ship: TULLY UTC Date (dd|mmm|yyyy): 02 | 09 | 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	63	1314	2.765	Bot-10	☒	↓	↓									#62 in FILE
2	63	1315	2.272	75	☒	↓	↓	↓								#62 in FILE
3	64	1317	3.143	50	☒			↓								
4	65	2020	4.138	30	☒											
5	66	1318	5.110	20	☒				✓✓	✓✓						
6	67	1319	6.329	10	☒				✓	✓✓						
7	68	1326	—	5	☒											
8	69	1320	6.719	5	☒	↓	↓✓	✓✓	✓	✓✓						
9																
10	#62	1213	2.437													#63 in FILE
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): PLAM

Bottom Depth: 109 m
Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	17 21	10 21
Bottom	17 23	10 23
End	17 30	10 30

Positional Information
Start
Lat: 48 ° 48.69 N
Lon: 125 ° 30.99 W

Bottom
Lat: 48 ° 48.69 N
Lon: 125 ° 31.02 W

End
Lat: 48 ° 48.71 N
Lon: 125 ° 31.12 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

Water Properties Group

Rosette Log

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

Cruise ID: 2008-10 Station: LC04 Event #: 27 Ship: J.P. TULLY UTC Date (dd|mmm|yyyy): 2 | 9 | 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	71	632	1.844	Bot-10	✓ 160	✓	✓									
2	72	76	2.059	125	✓ 126	✓	✓	✓								
3	73	329	2.309	100	✓ 101	✓	✓	✓								
4	74	425	2.741	75	✓ 75	✓	✓									
5	75	371	2.798	50	✓ 48	✓	✓									
6	76	439	4.535	30	✓ 30	✓	✓									
7	77	—	—	20	✓ 20	✓	✓									
8	78	456	5.671	20	✓ 20	✓	✓		✓	✓						
9	79	462	6.679	10	✓ 10	✓	✓		✓	✓						
10	80	547	6.944	5	✓ 5	✓	✓	✓	✓	✓						
11																
12																
13	79	1328	6.670	10												
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): _____

Bottom Depth: 167 m

Transmisso Cleaned: (Y) N

	Time	UTC	Local
Start		1852	1152
Bottom		1856	1156
End		1911	1211

Positional Information

Start Lat: 48 ° 43 472 N
Lon: 125 ° 40 986 W

Bottom Lat: 48 ° 43 469 N
Lon: 125 ° 40 986 W

End Lat: 48 ° 43 459 N
Lon: 125 ° 40 925 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: 2008-10 Station: LCO6 Event #: 31 Ship: JP Tolly UTC Date (dd|mmm|yyyy): 2 | 9 | 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	82	638	1.539	8-10	✓ 84											
2	83	647	2.018	75	✓ 76			XX								
3	84	1338	2.412	50	✓ 49	x	x	x								
4	85	639	3.939	30	✓ 30											
5	86	700	4.776	20	✓ 19				XX	XX						
6	87	712	6.178	10	✓ 9				x	XX						
7																
8	88	1105	7.089	5	✓ 5			x	x	XX						
9																
10																
11	84	657	2.466	50												
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s):

Bottom Depth: 94 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start		
Bottom	2153	
End		

Positional Information
Start
Lat: ° N
Lon: ° W

Bottom
Lat: 48 ° 36 532 N
Lon: 125 ° 54 036 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: 2008-10 Station: LC08 Event #: 35 Ship: TOLLY UTC Date (dd|mmm|yyyy): 3 | 9 | 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	90	1327	1.274	B-10	☒	190	☒	☒								
2	91	1487	1.258	175	☒			☒								
3	92	715	1.356	150	☒			☒								
4	93	1374	1.867	125	☒		☒									
5	94	1301	2.505	100	☒											
6	95	1302	2.919	75	☒											
7	96	—	—	50	☒											
8	97	1321	2.300	50	☒											
9	98	1368	3.254	30	☒		☒									
10	99	620	5.173	20	☒				☒	☒						
11	100	611	6.198	10	☒				☒	☒						
12	101	621	6.423	5	☒		☒	☒	☒	☒						
13																
14																
15	98	1367	3.272	30												
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): ATSM

Bottom Depth: 200 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0042	
Bottom	0049	
End	0105	

Positional Information
Start
Lat: 48° 29.41 N
Lon: 126° 07.00 W

Bottom
Lat: 48° 29.37 N
Lon: 126° 07.07 W

End
Lat: 48° 29.39 N
Lon: 126° 07.13 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: 2008-10 Station: L609 Event #: 39 Ship: Tully UTC Date (dd|mmm|yyyy): 3 | 09 | 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	103	632	0.486	B-10	✓ 592	✓	✓									
2	104	76	0.857	500	✓			✓								
3	105	329	1.177	400	✓	✓		✓								
4	106	425	1.218	300	✓											
5	107	371	1.277	250	✓		✓									
6	108	439	1.675	200	✓											
7	109	—	—	175	✓											
8	110	462	1.974	175	✓											
9	111	547	2.204	150	✓											
10	112	471	2.432	125	✓											
11	113	557	2.797	100	✓											
12	114	2040	2.771	75	✓											
13	115	539	3.407	50	✓											
14	116	586	4.011	30	✓											
15	117	575	5.144	20	✓				✓	✓						
16	118	589	6.155	10	✓				✓	✓						
17	119	1158	6.720	5	✓	✓	✓	✓	✓	✓						
18																
19	105	1328	1.151	400												
20																
21																
22																
23																
24																

Watchkeeper(s): DLAM

Bottom Depth: 601 m
Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0403	2103
Bottom	0412	2112
End	0434	2134

Positional Information
Start
Lat: 48 ° 25 94 N
Lon: 126 ° 13 65 W

Bottom
Lat: 48 ° 25 91 N
Lon: 126 ° 13 67 W

End
Lat: 48 ° 25 95 N
Lon: 126 ° 13 65 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

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

UTC Date (dd|mmm|yyyy): ____ | ____ | ____

[illegible]

Watchkeeper(s):

Bottom Depth: 1495 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	0720	
Bottom	0741	
End	0815	0115

Positional Information

Lat:	48 ° 18.876	N
Lon:	126 ° 26.639	W

Start

Bottom	Lat: 48 ° 18 916 N
	Lon: 126 ° 26 508 W

Bottom

End	Lat:	48	°	18.890	N
	Lon:	126	°	26.658	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: 2008-10 Station: LD04 Event #: 47 Ship: Tully UTC Date (dd|mmm|yyyy): 03 | sep | 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	142	638	3.318	20	☒ 55	☒	☒							
2	143	647	3.827	30	☒ 30	☒	☒							
3	144	1338	4.488	20	☒ 20	☒	☒		☒	☒				
4	145	639	5.821	10	☒ 10	☒	☒		☒	☒				
5	146	712	6.797	5	☒ 5	☒	☒		☒	☒				
6														
7	145	700	5.816	10										
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Watchkeeper(s): _____

Bottom Depth: 63 m

Transmisso Cleaned: ☒ Y / ☐ N

	Time	UTC	Local
Start		1908	1208
Bottom		1911	1211
End		1917	

Positional Information

Start
 Lat: 48 ° 53.219 N
 Lon: 125 ° 56.945 W

Bottom
 Lat: 48 ° 53.200 N
 Lon: 125 ° 56.940 W

End
 Lat: 48 ° 53.165 N
 Lon: 125 ° 56.944 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: LDO2 Event #: 51 Ship: Tully UTC Date (dd|mmm|yyyy): 03 | Sep | 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	147	690	3.918	B-10	☒ 36											
2	148	1175	4.121	30	☒ 30	X	X	XX								
3	149	1176	5.061	20	☒ 18			X	XX	XX						
4	150	1146	6.970	10	☒ 10				X	XX						
5	151	1180	8.231	5	☒ 4.5			X	X	XX						
6																
7	148	1123	3.997	30												
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s):

Bottom Depth: 46 m
Transmisso Cleaned: ☒ Y ☐ N

	Time	UTC	Local
Start		2145	1445
Bottom		2147	
End		2153	

Positional Information
Start
Lat: 48 ° 58 450 N
Lon: 125 ° 47 028 W

Bottom
Lat: 48 ° 58 400 N
Lon: 125 ° 47 034 W

End
Lat: 48 ° 58 508 N
Lon: 125 ° 47 051 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: 2008-10 Station: LG 01 Event #: 52 Ship: TULLY UTC Date (dd|mmm|yyyy): 04 | Sep | 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	152	1456	3.682	13-10	☒	43	x	x								
2	153	1354	4.039	30	☒		x	x	xx							
3	154	1340	4.046	20	☒		xx	xx	x	xx	xx					
4	155	1341	5.165	10	☒		x	x		x	xx					
5	156	1344	5.757	5	☒		x	x	x	x	xx					
6																
7																
8	154	1452	4.061	20												
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DLAM

Bottom Depth: 53 m

Transmisso Cleaned: (Y) / N

	UTC	Local
Time Start	0526	2226
Bottom	0526	2226
End	0531	2231

Positional Information

Start Lat: 48 ° 20.49 N
Lon: 126 ° 34.94 W

Start

Bottom Lat: 48 ° 20.48 N
Lon: 126 ° 34.94 W

Bottom

End Lat: 48 ° 20.46 N
Lon: 126 ° 34.96 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: 2008-10 Station: LG 02 Event #: 53 Ship: Tully UTC Date (dd|mmm|yyyy): 04 | Sep | 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	157	1351	2.833	B-10	☒	86	☒	☒								
2	158	1212	2.896	75	☒			☒								
3	159	1356	6.090	50	☒			☒								
4	160	1358	5.564	30	☒											
5	161	1360	5.424	20	☒				☒	☒						
6	162	14148	6.794	10	☒	☒	☒		☒	☒						
7	163			5	☒											
8	164	1362	7.162	5	☒	☒	☒	☒	☒	☒						
9																
10																
11	162	1361	6.780	10												
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): DLAM

Bottom Depth: 100 m

Transmisso Cleaned: ☒ / N

Time	UTC	Local
Start	0607	2307
Bottom	0609	2309
End	0617	2317

Positional Information

Start Lat: 48 ° 18.64 N
Lon: 126 ° 38.11 W

Bottom Lat: 48 ° 18.67 N
Lon: 126 ° 38.06 W

End Lat: 48 ° 18.30 N
Lon: 126 ° 38.01 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: 2008-10

Station: 2604

Event #: 56

Ship: TULLY

UTC Date (dd|mmm|yyyy): 4 | 9 | 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	166	632	1.274	Bot-10	☒ 136	✓										
2	167	76	1.736	125	☒ 123	✓		✓								
3	168	329	2.403	100	☒ 101	✓		✓								
4	169	435	3.107	75	☒ 74	✓										
5	170	371	3.254	50	☒ 51	✓										
6	171	439	4.003	30	☒ 27	✓										
7	172			20	☒ 21	✓										
8	173	456	4.850	20	☒ 22	✓	✓		✓	✓						
9	174	462	6.353	10	☒ 9	✓			✓	✓						
10	175	547	6.258	5	☒ 4	✓	✓	✓	✓	✓						
11																
12																
13																
14	174	1328	6.330													
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): _____

Bottom Depth: 146 m

Transmisso Cleaned: ☒ Y / N

	UTC	Local
Time		
Start	0934	0234
Bottom	0938	0234
End	0949	0234

Positional Information

Start Lat: 49 ° 11 356 N
Lon: 126 ° 49 279 W

Bottom Lat: 49 ° 11 362 N
Lon: 126 ° 49 208 W

End Lat: 49 ° 11 194 N
Lon: 126 ° 49 090 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: 2008-10

Station: LG 06

Event #: 59

Ship: Tully

UTC Date (dd|mmm|yyyy): 04 | 09 | 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	177	638	0.245	13-10	☒ 950	x	x									
2	178	647	0.270	750	☒	x	x	xx								
3	179	1338	0.773	500	☒	x	x	x								
4	180	639	1.070	400	☒	xx	xx									
5	181	712	1.449	300	☒	x	x									
6	182	700	1.658	250	☒	x	x									
7	183			200	☒	x	x									
8	184	1174	1.966	200	☒	x	x									
9	185	1327	2.131	175	☒	x	x									
10	186	1487	2.292	150	☒	x	x									
11	187	715	2.733	125	☒	x	x									
12	188	1374	3.434	100	☒	x	x									
13	189	1301	5.007	75	☒	x	x									
14	190	1302	3.119	50	☒	x	x									
15	191	1306	3.546	30	☒	x	x									
16	192	1321	6.131	20	☒	x	x		x	xx						
17	193	1368	6.320	10	☒	x	x		x	xx						
18	194	620	6.298	5	☒	x	x	x	xx	xx						
19																
20	180	657	1.032	400												
21																
22																
23																
24																

Watchkeeper(s): HTJM

Bottom Depth: 970 m

Transmisso Cleaned: ☒ Y / ☐ N

	Time	UTC	Local
Start		1217	
Bottom		1239	
End		1203	

Positional Information

Start
 Lat: 49 ° 03.46 N
 Lon: 127 ° 01.23 W

Bottom
 Lat: 49 ° 03.49 N
 Lon: 127 ° 01.21 W

End
 Lat: 49 ° 03.46 N
 Lon: 127 ° 01.03 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: 2008-10 Station: 2609 Event #: 63 Ship: TULLY UTC Date (dd|mmm|yyyy): 4 | 09 | 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	197	632	1.499	2000	✓ 2005	✓	✓	✓								
2	198	76	0.720	1500	✓ 1500			✓								
3	199	329	0.390	1250	✓ 1250											
4	200	425	0.298	1000	✓ 999											
5	201	371	0.267	750	✓ 749		✓									
6	202	439	0.658	500	✓ 499											
7	203			400	✓ 400											
8	204	456	1.093	400	✓ 400											
9	205	462	1.829	300	✓ 300											
10	206	547	2.021	250	✓ 250											
11	207	471	2.391	200	✓ 201											
12	208	557	2.635	175	✓ 175											
13	209	2040	3.186	150	✓ 150											
14	210	559	4.729	125	✓ 125											
15	211	586	5.812	100	✓ 100											
16	212	575	6.734	75	✓ 75											
17	213	589	6.757	50	✓ 50											
18	214	1159	6.395	30	✓ 30											
19	215	1365	6.196	20	✓ 19	✓			✓	✓						
20	216	605	6.236	10	✓ 9				✓	✓						
21	217	1309	6.236	5	✓ 5	✓	✓	✓	✓	✓						
22																
23	215	1375	6.200	20												
24																

Watchkeeper(s): DLAM +

Bottom Depth: 2058 m

Transmisso Cleaned: Y / N

	UTC	Local
Time Start	1820	1120
Bottom	1851	1151
End	1937	

Positional Information

Start Lat: 48° 51' 19" N
Lon: 127° 19' 38" W

Bottom Lat: 48° 51' 256" N
Lon: 127° 19' 272" W

End Lat: 48° 51' 215" N
Lon: 127° 19' 300" 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: 2008-10 Station: L3P7 Event #: 68 Ship: Tully UTC Date (dd|mmm|yyyy): 05 | Sep | 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	219	690	1.533	2000	✓ 2005	✓	✓									
2	220	1175	0.681	1500	✓ 1500	✓		✓								
3	221	1176	0.406	1250	✓ 1249			✓								
4	222	1146	0.255	1000	✓ 1000											
5	223	1180	0.224	750	✓ 749											
6	224	1414	0.724	500	✓ 499											
7	225			400	✓											
8	226	1144	1.007	400	✓ 400		✓									
9	227	1314	1.772	300	✓ 299											
10	228	1315	1.674	250	✓ 252											
11	229	1317	2.106	200	✓ 199											
12	230	2020	2.368	175	✓ 175											
13	231	1318	2.981	150	✓ 151											
14	232	1319	4.918	125	✓ 123											
15	233	1326	5.614	100	✓ 101											
16	234	1320	6.702	75	✓ 75											
17	235	1300	6.820	50	✓ 48	✓										
18	236	1322	6.159	30	✓ 28											
19	237	1307	6.170	20	✓ 19				✓	✓						
20	238	1373	6.151	10	✓ 10				✓	✓						
21	239	631	6.177	5	✓ 4	✓	✓	✓	✓	✓						
22																
23	235	1213	6.741	50												
24																

Watchkeeper(s):

Bottom Depth: 2000 m
Transmisso Cleaned: Y / N

	UTC	Local
Time Start	0711	0011
Bottom	0737	0037
End	0819	

Positional Information
Start Lat: 49 ° 52 402 N
Lon: 128 ° 11 098 W

Bottom Lat: 49 ° 52 390 N
Lon: 128 ° 11 081 W

End Lat: 49 ° 52 415 N
Lon: 128 ° 10 970 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: 2008-10

Station: LBP5

Event #: 71

Ship: TULLY

UTC Date (dd|mmm|yyyy): 5 | 09 | 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	241	632	0.578	B-10	☒ 1270											
2	242	76	0.308	1000	☒			XX								
3	243	329	0.284	750	☒			X								
4	244	425	0.805	500	☒											
5	245	371	1.073	400	☒											
6	246	439	1.254	300	☒											
7	247			250	☒											
8	248	462	1.468	250	☒											
9	249	547	1.790	200	☒											
10	250	471	2.234	175	☒											
11	251	557	2.580	150	☒	X										
12	252	2040	2.833	125	☒											
13	253	559	3.811	100	☒		X									
14	254	575	5.615	75	☒											
15	255	586	6.218	50	☒											
16	256	589	6.192	30	☒				X							
17	257	1158	6.149	20	☒				X	XX						
18	258	605	6.362	10	☒				XX	XX						
19	259	1365	6.364	5	☒			X	X	XX						
20																
21																
22	251	1328	2.399	150												
23																
24																

Watchkeeper(s): HTJM

Bottom Depth: 1280 m

Transmisso Cleaned: ☒ / N

	UTC	Local
Time Start	1105	
Bottom	1114	
End	1142	

Positional Information

Start Lat: 49 ° 59.97 N
Lon: 128 ° 00.06 W

Bottom Lat: 49 ° 59.96 N
Lon: 128 ° 00.05 W

End Lat: 49 ° 59.88 N
Lon: 127 ° 59.89 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: 2008-10 Station: LBP 3 Event #: 74 Ship: TOLLY UTC Date (dd|mmm|yyyy): 5 | 09 | 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	261	638	1.598	8-10	☒ 161	☒	☒									
2	262	647	1.666	150	☒			☒								
3	263	1338	1.768	125	☒			☒								
4	264	639	2.132	100	☒	☒										
5	265	712	2.884	75	☒											
6	266	700	3.872	50	☒											
7	267			30	☒											
8	268	1105	5.319	30	☒											
9	269	1333	6.100	20	☒		☒		☒	☒						
10	270	1487	6.171	10	☒				☒	☒						
11	271	715	6.490	5		☒	☒	☒	☒	☒						
12																
13																
14	264	1367	2.121	100												
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): HTJM

Bottom Depth: 172 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1341	
Bottom	1346	
End	1403	

Positional Information
Start
Lat: 50 ° 03.15 N
Lon: 127 ° 55.20 W

Bottom
Lat: 50 ° 03.15 N
Lon: 127 ° 55.22 W

End
Lat: 50 ° 03.15 N
Lon: 127 ° 55.25 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: 2008-10

Station: C502

Event #: 87

Ship: J.P. Tully

UTC Date (dd|mmm|yyyy): 06 | SEP | 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	278	638	0.334	1000	✓ 1005	✓	✓	✓								
2	279	647	0.319	750	✓ 751			✓								
3	280	1338	0.773	500	✓ 501											
4	281	639	1.035	400	✓ 402		✓									
5	282	712	1.599	300	✓ 299											
6	283	700	1.904	250	✓ 252											
7	284			200	✓ 201											
8	285	1174	2.595	200	✓ 201											
9	286	1105	2.855	175	✓ 175											
10	287	1333	3.154	150	✓ 149											
11	288	1487	3.523	125	✓ 125											
12	289	715	4.059	100	✓ 99											
13	290	1374	5.047	75	✓ 74	✓										
14	291	1301	5.417	50	✓ 49											
15	292	1302	5.758	30	✓ 30											
16	293	1306	6.165	20	✓ 20				✓	✓						
17	294	1321	6.516	10	✓ 9				✓	✓						
18	295	1368	6.563	5	✓ 5			✓	✓	✓						
19																
20																
21	290	657	5.034	75												
22																
23																
24																

Watchkeeper(s): _____

Bottom Depth: 1900 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	09:39	02:39
Bottom	09:54	02:54
End	10:20	03:20

Positional Information

Start
Lat: 50 ° 41.281 N
Lon: 129 ° 27.979 W

Bottom
Lat: 50 ° 41.294 N
Lon: 129 ° 28.016 W

End
Lat: 50 ° 41.357 N
Lon: 129 ° 27.946 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: 2008-10

Station: CS 04

Event #: 93

Ship: TULLY

UTC Date (dd|mmm|yyyy): 6 | 09 | 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	297	1456	4.936	8-10	☒ 87	☒	☒									
2	298	1354	5.486	75	☒	☒		vv								
3	299	1340	5.424	50	☒	☒		☒								
4	300	1341	5.322	30	☒	☒										
5	301	1344	5.412	20	☒	☒	☒		vv	vv						
6	302	1347	5.988	10	☒	☒			vv	vv						
7	303	—	—	5	☒	☒										
8	304	1212	6.110	5	☒	☒	☒	☒	☒	vv						
9																
10																
11				75												
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s):
HTIM

Bottom Depth: 98 m

Transmisso Cleaned: Y / N

	UTC	Local
Time		
Start	1402	
Bottom	1404	
End	1410	

Positional Information

Start

Lat: 50 ° 49 16 N

Lon: 129 ° 13 05 W

Bottom

Lat: 50 ° 49 15 N

Lon: 129 ° 13 06 W

End

Lat: 50 ° 49 16 N

Lon: 129 ° 13 05 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: 2008-10

Station: C506

Event #: 98

Ship: TULLY

UTC Date (dd|mmm|yyyy): 06 | Sep | 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	307	690	3.918	Bot-10	✓ 54	✓	✓	✓								
2	308	1175	4.055	50	✓ 49	✓		✓								
3	309	1176	4.509	30	✓ 31	✓										
4	310	1180	5.049	20	✓ 20		✓		✓	✓						
5	311	1414	5.884	10	✓ 10				✓	✓						
6	312	1106	6.109	5	✓ 4.8	✓	✓	✓	✓	✓						
7																
8																
9	309	1213	4.508	30												
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): _____

Bottom Depth: 64 m

Transmisso Cleaned: Y / N

Time	UTC	Local
Start	2003	1203
Bottom	2004	1204
End	2012	1212

Positional Information

Start Lat: 51 ° 00 072 N
Lon: 128 ° 51 766 W

Bottom Lat: 51 ° 00.067 N
Lon: 128 ° 51.780 W

End Lat: 51 ° 00.052 N
Lon: 128 ° 52.019 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: 2008-10 Station: CS 09 Event #: 105 Ship: TULLY UTC Date (dd|mmm|yyyy): 7 | 09 | 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	315	1314	2.122	B-10	☒	186	☒	☒								
2	316	1315	2.001	175	☒		☒	☒								
3	317	1317	2.038	150	☒		☒	☒								
4	318	2020	2.303	125	☒											
5	319	1318	2.899	100	☒											
6	320	1319	3.736	75	☒											
7	321			50	☒											
8	322	1320	4.867	50	☒											
9	323	1300	5.234	30	☒	☒										
10	324	1322	5.359	20	☒		☒		☒	☒						
11	325	1307	6.076	10	☒				☒	☒						
12	326	1373	6.018	5	☒	☒	☒	☒	☒	☒						
13																
14																
15	323	1123	5.276													
16																
17																
18																
19																
20																
21																
22																
23																
24																

Watchkeeper(s): HTJM

Bottom Depth: 196 m

Transmisso Cleaned: Y / N

	UTC	Local
Time Start	<u>0013</u>	
Bottom	<u>0017</u>	
End	<u>0030</u>	

Positional Information

Start Lat: 51° ° 12.46 N
Lon: 128° ° 27.94 W

Start

Bottom Lat: 51° ° 12.45 N
Lon: 128° ° 27.95 W

Bottom

End Lat: 51° ° 12.48 N
Lon: 128° ° 27.96 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