

ROSETTE LOG

MISSION ID: 2007-14

STATION: ED 1

CAST NUMBER: 1

UTC DATE (dd/mm/yyyy):

JUNE 21/07

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
1	1	1461	1.380	2000	✓														
2	2	1256	0.575	1500	✓	✓													
3	3	1267	0.389	1250	✓	✓													
4	4	1268	0.332	1000	✓	✓													
5	5	1374	0.389	800	✓														
6	6	1273	0.1615	600	✓														
7	7	1274	1.472	400	✓														
8	8	1276	2.564	300	✓														
9	9	1278	3.063	250	✓														
10	10	1300	4.391	200	✓														
11	11	1318	5.641	175	✓														
12	12	1323	6.424	150	✓														
13	13	1272	6.537	125	✓														
14	14	1394	6.562	100	✓														
15	15	1424	6.749	75	✓														
16	16	1324	7.023	50	✓														
17	17	1443	7.115	25	✓														
18	18	1391	7.617	10	✓														
19	19	1389	7.695	5	✓	✓													
20																			
21																			
22																			
23																			
24																			

SHIP: TULLY
ENTERED BY: MR
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:	1249	0749
Bottom:	1323	0823
End:	0213	0913

START POSITION (GPS)
LAT: 56 00.050
LONG: 138 30 086

BOTTOM POSITION (GPS)
LAT: 55 59 989
LONG: 138 30 040

END POSITION (GPS)
LAT: 55 59 972
LONG: 138 30 028

Comments:

Oxygen - Red Box/Bottles
Nutrients - Blue Test Tubes

ROSETTE LOG

MISSION ID: 2007-14

STATION: EDS

CAST NUMBER: 9

UTC DATE (dd/mm/yyyy): 22/06/07

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	23	1461	1.362	2000	✓	✓		✓										
2	24	1256	0.598	1500	✓													
3	25	1267	0.395	1250	✓													
4	26	1268	0.349	1000	✓													
5	27	1374	0.358	800	✓													
6	28	1273	0.663	600	✓													
7	29	1274	1.441	400	✓													
8	30	1276	2.451	300	✓													
9	31	1278	2.801	250	✓													
10	32	1300	3.414	200	✓													
11	33	1318	4.718	175	✓													
12	34	1323	6.333	150	✓													bubble on lens
13	35	1272	6.611	125	✓													
14	36	1394	6.660	100	✓													
15	37	1424	6.595	75	✓													
16	38	1324	6.790	50	✓													
17	39	1443	7.220	25	✓													
18	40	1391	7.182	10	✓													
19	41	1389	7.166	5	✓													
20																		
21																		
22																		
23																		
24																		

Comments:

OXYGEN: RED BOX

NUTRIENTS: GREEN RACIO

BOTTLES 13 & 15 did not close properly
- top valve slightly open

SHIP: J.P. TULLY

ENTERED BY: MR

CHECKED BY: DY

Bottom Depth: 3174

Cast # down: 9

Cast # up:

Time	LOC	UTC
Begin:	2037	0337
Bottom:	2110	0410
End:	2106	0506

START POSITION (GPS)

LAT: 57 44 99

LONG: 140 10 08

BOTTOM POSITION (GPS)

LAT: 57 45.000

LONG: 140 10.054

END POSITION (GPS)

LAT: 57 45 018

LONG: 140 9.983

ROSETTE LOG

MISSION ID: 2007-14

STATION: EDG

CAST NUMBER: 13

UTC DATE (dd/mm/yyyy):

22/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
							OXY			ALK		CHL							
1	42	1461	1.224	2000	✓	✓		✓											
2	43	1256	0.632	1500	✓	✓													
3	44	1267	0.372	1250	✓	✓													
4	45	1268	0.401	1000	✓														
5	46	1374	0.701	800	✓	802													
6	47	1452	0.586	600	✓														
7	48	1274	1.367	400	✓														
8	49	1276	2.306	300	✓														
9	50	1278	2.888	250	✓														
10	51	1300	3.396	200	✓														
11	52	1318	4.391	175	✓														
12	53	1323	5.955	150	✓														
13	54	1272	6.470	125	✓														
14	55	1394	6.191	100	✓														
15	56	1424	6.453	75	✓														
16	57	1324	6.931	50	✓														
17	58	1443	6.979	25	✓														
18	59	1391	7.237	10	✓														
19	60	1389	7.515	5	✓														
20																			
21																			
22																			
23																			
24																			

SHIP: Tully
ENTERED BY: MR
CHECKED BY: MD

Bottom Depth: 3476

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	507	1207
Bottom:	542	1242
End:	630	1330

START POSITION (GPS)
LAT: 58 05 022
LONG: 141 00 029

BOTTOM POSITION (GPS)
LAT: 58 05 012
LONG: 141 00 017

END POSITION (GPS)
LAT: 58 05 005
LONG: 140 59 983

Comments:

Oxy Red NUT - ORANGE

ROSETTE LOG

MISSION ID: 2007-14

STATION: E07

CAST NUMBER: 14

UTC DATE (dd/mm/yyyy):

22/6/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3							
1	61	1110	1.311	2000	✓	✓	✓	✓											
2	62	1138	0.603	1500	✓	✓													
3	63	1142	0.419	1250	✓	✓													
4	64	1280	0.328	1000	✓														
5	65	1329	0.355	800	✓														
6	66	1349	0.395	600	✓														
7	67	1375	0.830	400	✓														
8	68	1376	1.181	300	✓														
9	69	1453	1.601	250	✓														
10	70	1393	2.185	200	✓														
11	71	1386	2.685	175	✓														
12	72	1399	2.670	150	✓														
13	73	1410	3.776	125	✓														
14	74	1411	5.971	100	✓			✓											
15	75	1421	6.970	75	✓														
16	76	1440	7.097	50	✓														
17	77	1441	7.256	25	✓														
18	78	1442	7.362	10	✓														
19	79	1445	7.086	5	✓	✓	✓	✓				✓							
20																			
21																			
22																			
23																			
24																			

Comments:

OXYGEN: GREEN BOX
NUTRIENTS: RED: P&K

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2007-14

STATION: 220

CAST NUMBER: 17

UTC DATE (dd/mm/yyyy):

23/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL							
1	81	1110	5.589	Bot-10	✓ 180			✓											
2	82	1138	6.638	125	✓	✓		✓											
3	83	1142	6.773	100	✓														
4	84	1280	6.821	75	✓														
5	85	1325	6.675	50	✓														
6	86	1349	6.901	25	✓			✓											
7	87	1375	7.911	10	✓														
8	88	1376	7.737	5	✓	✓		✓											
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: TULLY
ENTERED BY: MR
CHECKED BY: MD

Bottom Depth: 190

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	307	1007
Bottom:	313	1013
End:	322	1022

START POSITION (GPS)
LAT: 59 49 976
LONG: 145 02 015

BOTTOM POSITION (GPS)
LAT: 59 50 005
LONG: 145 01 972

END POSITION (GPS)
LAT: 59 50 048
LONG: 145 01 975

Comments: OXYGEN: GREEN BOX
NUTS: YELLOW RACK

ROSETTE LOG

MISSION ID: 2007-14 STATION: 218 CAST NUMBER: 20 UTC DATE (dd/mm/yyyy): 23/6/07

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	90	1110	3.492	Bot -10	✓	4130		✓										
2	91	1138	3.385	4000	✓		✓											
3	92	1142	3.059	3500	✓		✓											
4	93	1280	2.396	3000	✓		✓											
5	94	1329	1.961	2500	✓													
6	95	1349	1.336	2000	✓													
7	96	1375	0.707	1500	✓													
8	97	1376	0.444	1250	✓													
9	98	1453	0.332	1000	✓				✓									
10	99	1393	0.311	800	✓													
11	100	1386	0.371	600	✓													
12	101	1399	0.634	400	✓													
13	102	1410	0.963	300	✓													
14	103	1411	1.269	250	✓													
15	104	1421	1.807	200	✓													
16	105	1440	2.115	175	✓													
17	106	1441	2.438	150	✓													
18	107	1442	2.252	125	✓													
19	108	1445	5.426	100	✓													
20	109	1446	7.139	75	✓													
21	110	1447	7.116	50	✓													
22	111	1457	7.473	25	✓													
23	112	1448	7.045	10	✓													
24	113	1451	6.936	5	✓													

SHIP: TULLY
ENTERED BY: MR
CHECKED BY:

Bottom Depth: 4150

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	0948	1648
Bottom:		
End:		

START POSITION (GPS)
LAT: 59 9.958
LONG: 145 0.032

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2007-14 STATION: Z16 CAST NUMBER: 22 UTC DATE (dd/mm/yyyy): 24/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
							OXY			ALK		CHL							
1	115	1110	3.570	BOT - 10	✓ 4035			✓											
2	116	1138	3.501	4000	✓														
3	117	1142	3.136	3500	✓	✓													
4	118	1280	2.583	3000	✓	✓													
5	119	1329	1.998	2500	✓	✓		✓											
6	120	1349	1.370	2000	✓														
7	121	1375	0.689	1500	✓														
8	122	1376	0.444	1250	✓														
9	123	1453	0.345	1000	✓														
10	124	1393	0.334	800	✓														
11	125	1386	0.383	600	✓														
12	126	1399	0.640	400	✓														
13	127	1410	0.933	300	✓														
14	128	1411	1.086	250	✓														
15	129	1421	1.483	200	✓														
16	130	1440	1.844	175	✓														
17	131	1441	2.215	150	✓														
18	132	1442	2.878	125	✓														
19	133	1445	4.236	100	✓														
20	134	1446	6.574	75	✓														
21	135	1447	7.198	50	✓														
22	136	1457	7.277	25	✓														
23	137	1448	7.440	10	✓														
24	138	1451	7.731	5	✓	✓		✓		✓									

Comments: OXYGEN GREEN BOX
NUTRIENTS BLUE RACKSHIP: TULLY
ENTERED BY: MR
CHECKED BY:Bottom Depth: 3952Cast # down: 22
Cast # up: 22

Time	LOC	UTC
Begin:		
Bottom:		
End:		

START POSITION (GPS)
LAT: 58 30 00
LONG: 144 59 99BOTTOM POSITION (GPS)
LAT:
LONG:END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2007-14

STATION: 214

CAST NUMBER: 24

UTC DATE (dd/mm/yyyy): 24/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3							
1	139	715	3.1421	Bot-10	✓ 4023														
2	140	1105	3.373	4000	✓														
3	141	1158	2.970	3500	✓	✓													
4	142	1146	2.505	3000	✓	✓													
5	143	1175	1.987	2500	✓	✓													
6	144	1301	1.333	2000	✓														
7	145	1305	0.697	1500	✓														
8	146	1307	0.452	1250	✓														
9	147	1311	0.359	1000	✓														
10	148	1317	0.358	800	✓														
11	149	1319	0.361	600	✓														
12	150	1321	0.558	400	✓														
13	151	1322	0.850	300	✓														
14	152	1325	1.085	250	✓														
15	153	1328	1.641	200	✓														
16	154	1327	1.956	175	✓														
17	155	1358	2.468	150	✓														
18	156	1351	3.023	125	✓														
19	157	1361	4.946	100	✓														
20	158	1362	6.941	75	✓														
21	159	1363	7.314	50	✓														
22	160	1364	7.461	25	✓														
23	161	1367	7.016	10	✓														
24	162	1368	7.107	5		✓		✓		✓									

Comments: OXYGEN: BLUE BOX
NUTRIENT: ORANGE PACK

SHIP: TULLY
ENTERED BY: MR
CHECKED BY: MD

Bottom Depth: 4021

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	504	1204
Bottom:	610	1310
End:	0730	1430

START POSITION (GPS)
LAT: 57 30 021
LONG: 144 59 947

BOTTOM POSITION (GPS)
LAT: 57 29 978
LONG: 145 00 066

END POSITION (GPS)
LAT: 57 29 98
LONG: 144 59 99

ROSETTE LOG

MISSION ID: 2007-14 STATION: 212 CAST NUMBER: 27 UTC DATE (dd/mm/yyyy): 25/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13				
1	164	715	3.451	Bot-16	✓ 3906											
2	165	1105	3.089	3500	✓	✓										
3	166	1158	2.578	3000	✓	✓										
4	167	1146	2.046	2500	✓	✓										
5	168	1175	1.418	2000	✓											
6	169	1301	0.723	1500	✓											
7	170	1305	0.502	1250	✓											
8	171	1307	0.415	1000	✓											
9	172	1311	0.346	800	✓											
10	173	1317	0.335	600	✓											
11	174	1319	0.539	400	✓											
12	175	1321	0.769	300	✓											
13	176	1322	1.019	250	✓											
14	177	1325	1.287	200	✓											
15	178	1326	1.655	175	✓											
16	179	1327	1.987	150	✓											
17	180	1356	2.456	125	✓											
18	181	1351	3.439	100	✓											
19	182	1361	6.867	75	✓											
20	183	1362	7.293	50	✓											
21	184	1363	7.374	25	✓											
22	185	1364	6.957	10	✓											
23	186	1367	6.979	5	✓	✓										
24																

SHIP: TULLY
ENTERED BY: MR
CHECKED BY: MD

Bottom Depth: 3906

Cast # down: 27

Cast # up:

Time	LOC	UTC
Begin:	1807	0107
Bottom:	1919	0219
End:	2029	0329

START POSITION (GPS)
LAT: 56 30 01
LONG: 144 59 983

BOTTOM POSITION (GPS)
LAT: 56 29 874
LONG: 144 59 971

END POSITION (GPS)
LAT: 56 29 81
LONG: 144 59 87

Comments: OXYGEN: BLUE BOX
NUTRIENTS: YELLOW RACK

ROSETTE LOG

MISSION ID: 2007-14 STATION: Z10 CAST NUMBER: 29 UTC DATE (dd/mm/yyyy): 25/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
1	188	715	3.504	Bot-10	✓ 4059			✓	✓									
2	189	1105	3.366	4000	✓													
3	190	1158	3.001	3500	✓	✓												
4	191	1146	2.492	3000	✓	✓												
5	192	1175	1.970	2500	✓	✓												
6	193	1301	1.346	2000	✓													
7	194	1305	0.710	1500	✓													
8	195	1307	0.507	1250	✓													
9	196	1311	0.403	1000	✓													
10	197	1317	0.370	800	✓													
11	198	1319	0.373	600	✓													
12	199	1321	0.432	400	✓													
13	200	1322	0.656	300	✓													
14	201	1325	0.914	250	✓			✓										
15	202	1326	1.230	200	✓													
16	203	1327	1.454	175	✓													
17	204	1358	2.078	150	✓													
18	205	1351	2.644	125	✓													
19	206	1361	4.909	100	✓													
20	207	1362	7.000	75	✓													
21	208	1363	7.326	50	✓													
22	209	1364	7.218	25	✓													
23	210	1367	7.161	10	✓													
24	211	1368	7.267	5	✓	✓		✓	✓									

SHIP: TULLY
 ENTERED BY: MR
 CHECKED BY: MD

Bottom Depth: 4068

Cast # down: 29
 Cast # up:

Time	LOC	UTC
Begin:	0610	1310
Bottom:	0713	1413
End:	0830	1530

START POSITION (GPS)
 LAT: 55 36 010
 LONG: 145 00 043

BOTTOM POSITION (GPS)
 LAT: 55 30 002
 LONG: 145 00 037

END POSITION (GPS)
 LAT: 55 29.98
 LONG: 144 59.86

Comments:

Not Brown RACK
Oxy Blue Box

ROSETTE LOG

MISSION ID: 2007-14 STATION: HAIDA-1 CAST NUMBER: 32 UTC DATE (dd/mm/yyyy): 27/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3				
1	213	715	3.836	Bot-10	✓	✓	✓	✓								cloudy
2	214	1105	2.489	3000	✓											
3	215	1158	1.909	2500	✓											
4	216	1146	1.277	2000	✓											
5	217	1175	0.538	1500	✓											
6	218	1301	0.350	1250	✓											
7	219	1305	0.275	1000	✓											
8	220	1307	0.292	800	✓											
9	221	1311	0.479	600	✓											
10	222	1317	1.057	400	✓											
11	223	1319	1.679	300	✓			✓								
12	224	1321	2.264	250	✓											
13	225	1322	2.700	200	✓											
14	226	1325	3.003	175	✓											
15	227	1326	3.696	150	✓											
16	228	1327	4.576	125	✓											
17	229	1358	5.433	100	✓								✓			
18	230	1351	6.593	75	✓								✓			
19	231	1361	6.565	50	✓								✓			
20	232	1362	6.747	25	✓								✓			
21	233	1363	6.705	10	✓								✓			
22	234	1364	6.714	5	✓	✓	✓	✓					✓			
23																
24																

SHIP: TULLY
ENTERED BY: MK
CHECKED BY: DY

Bottom Depth: 3490

Cast # down: 32

Cast # up: 32

Time	LOC	UTC
Begin:	1140	1840
Bottom:	1243	1943
End:	1308	2108

START POSITION (GPS)
LAT: 52 16.996
LONG: 135 55.026

BOTTOM POSITION (GPS)
LAT: 52 17.011
LONG: 135 54.974

END POSITION (GPS)
LAT: 52 16.993
LONG: 135 54.926

Comments: OXYGEN: BLUE BOX
NUTRIENTS: RED RACK

ROSETTE LOG

MISSION ID: 2007-14 STATION: HAIDA-3 CAST NUMBER: 35 UTC DATE (dd/mm/yyyy): 28/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3							
						OXY				ALK		CHL							
1	236	1212	2.739	Bot-10	✓														
2	237	1216	2.426	3000	✓	✓													
3	238	1223	1.937	2500	✓	✓													
4	239	1228	1.302	2000	✓	✓													
5	240	1238	0.577	1500	✓														
6	241	1241	0.393	1250	✓														
7	242	1247	0.248	1000	✓														
8	243	1279	0.293	800	✓														
9	244	1403	0.499	600	✓														
10	245	1281	1.133	400	✓														
11	246	1313	1.902	300	✓														
12	247	1338	2.466	250	✓														
13	248	1344	2.846	200	✓														
14	249	1347	3.207	175	✓														
15	250	1354	3.440	150	✓														
16	251	1356	4.507	125	✓														
17	252	1360	5.834	100	✓			✓											
18	253	1366	6.472	75	✓														
19	254	1384	6.602	50	✓														
20	255	1430	6.681	25	✓														
21	256	1426	6.747	10	✓														
22	257	1427	6.737	5	✓	✓	✓	✓				✓							
23																			
24																			

SHIP: TULLY
 ENTERED BY: MR
 CHECKED BY: DY

Bottom Depth: 3366

Cast # down: 35

Cast # up: 35

Time	LOC	UTC
Begin:	<u>2016</u>	<u>0316</u>
Bottom:	<u>2118</u>	<u>0418</u>
End:	<u>2220</u>	<u>0520</u>

START POSITION (GPS)
 LAT: 52 0.043
 LONG: 135 4.015

BOTTOM POSITION (GPS)
 LAT: 51 59.960
 LONG: 135 3.950

END POSITION (GPS)
 LAT: 51 59.972
 LONG: 135 3.988

Comments: OXYGEN: BLACK BOX
NUTRIENTS: WHITE PACK

ROSETTE LOG

MISSION ID: 2007-14 STATION: HAIDA-5 CAST NUMBER: 38 UTC DATE (dd/mm/yyyy): 28/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3						
1	259	1212	2.614	Bot -6	✓ 3221													9m from bottom
2	260	1216	2.501	3000	✓	✓												Run out of order
3	261	1223	1.926	2500	✓	✓												
4	262	1228	1.261	2000	✓	✓												
5	263	1434	0.542	1500	✓													
6	264	1241	0.582	1250	✓													
7	265	1247	0.282	1000	✓													
8	266	1279	0.416	800	✓													
9	267	1403	0.939	600	✓													
10	268	1281	1.912	400	✓													
11	269	1313	1.528	300	✓													
12	270	1338	1.482	250	✓													
13	271	1344	1.560	200	✓													
14	272	1347	1.743	175	✓													
15	273	1354	2.080	150	✓													
16	274	1356	3.375	125	✓													
17	275	1360	5.059	100	✓			✓					✓					
18	276	1366	5.934	75	✓								✓					
19	277	1384	6.527	50	✓								✓					
20	278	1430	6.819	25	✓								✓					
21	279	1426	6.778	10	✓								✓					
22	280	1427	6.767	5	✓	✓							✓					
23																		
24																		

SHIP: TULLY
 ENTERED BY: MD
 CHECKED BY:

Bottom Depth:

Cast # down: 38

Cast # up: 38

Time	LOC	UTC
Begin:	0340	1040
Bottom:	0433	1133
End:		1223

START POSITION (GPS)
 LAT: 51 44 977
 LONG: 134 19 993

BOTTOM POSITION (GPS)
 LAT: 51 45 013
 LONG: 134 19 946

END POSITION (GPS)
 LAT: 51 44 98
 LONG: 134 20 12

Comments:

Nut green
 Oxy black

ROSETTE LOG

MISSION ID: 2007-14 STATION: 851 CAST NUMBER: 42 UTC DATE (dd/mm/yyyy): 29/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	283	1212	0.932	Bot-10	✓ 485		✓	✓										
2	284	1216	1.330	400	✓	✓												
3	285	1223	1.926	300	✓	✓												
4	286	1228	2.428	250	✓													
5	287	1434	3.292	200	✓													
6	288	1241	3.544	175	✓													
7	289	1247	3.743	150	✓													
8	290	1279	3.830	125	✓													
9	291	1403	3.925	100	✓													
10	292	1281	4.454	75	✓													
11	293	1313	5.795	50	✓			✓										
12	294	1338	6.577	25	✓													
13	295	1344	6.681	10	✓													
14	296	1347	6.484	5	✓	✓	✓	✓										
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:	0418	1118
Bottom:	0430	1130
End:	448	1148

START POSITION (GPS)
LAT: 51 11 987
LONG: 129 59 996

BOTTOM POSITION (GPS)
LAT: 51 12 010
LONG: 129 59 957

END POSITION (GPS)
LAT: 51 12 024
LONG: 129 59 920

Comments: NUTRIENTS: LIGHT BLUE
OXYGEN: BLACK BOX

ROSETTE LOG

MISSION ID: 2007-14 STATION: 553 CAST NUMBER: 44 UTC DATE (dd/mm/yyyy): 29/6/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
						OXY				ALK		CHL							
1	298	1110	1.693	Bot-10	✓														
2	299	1138	1.833	250	✓	X													
3	300	1142	2.382	200	✓	X													
4	301	1280	2.925	175	✓			X											
5	302	1329	3.190	150	✓														
6	303	1349	3.702	125	✓														
7	304	1375	5.065	100	✓							X							
8	305	1376	5.292	75	✓							X							
9	306	1453	5.686	50	✓							X							
10	307	1393	6.281	25	✓							X							
11	308	1386	6.780	10	✓							X							
12	309	1399	7.043	5	✓	X						X							
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: TULLY
ENTERED BY: MD
CHECKED BY: DY

Bottom Depth: 289

Cast # down: 44
Cast # up:

Time	LOC	UTC
Begin:	0757	1457
Bottom:	0804	1504
End:	0824	1524

START POSITION (GPS)
LAT: 51 15.07
LONG: 129 21.19

BOTTOM POSITION (GPS)
LAT: 51 15 09
LONG: 129 21.29

END POSITION (GPS)
LAT: 51 15.06
LONG: 129 21.17

Comments:

ROSETTE LOG

MISSION ID: 2007-14 STATION: SSS CAST NUMBER: 47 UTC DATE (dd/mm/yyyy): 29/06/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
1	311	1461	1.812	Bot-10	✓ 190			✓	✓										
2	312	1256	1.776	200	✓ 190	✓		✓	✓										
3	313	1267	1.830	175	✓			✓	✓										
4	314	1268	2.547	150	✓			✓	✓										
5	315	1374	3.283	125	✓			✓	✓										
6	316	1452	4.319	100	✓			✓	✓			✓							
7	317	1274	5.1619	75	✓			✓	✓			✓							
8	318	1276	6.025	50	✓			✓	✓			✓							
9	319	1278	6.517	25	✓			✓	✓			✓							
10	320	1300	6.801	10	✓			✓	✓			✓							
11	321	1318	6.675	5	✓	✓	✓	✓	✓			✓							
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments: OXYGEN: RED BOX

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 201

Cast # down: 47
Cast # up: 47

Time	LOC	UTC
Begin:	1234	1934
Bottom:	1240	1940
End:		

START POSITION (GPS)
LAT: 51 28.004
LONG: 128 29.956

BOTTOM POSITION (GPS)
LAT: 51 27.985
LONG: 128 29.998

END POSITION (GPS)
LAT:
LONG: