

ROSETTE LOG

MISSION ID: 2005-08 STATION: LA 02 CAST NUMBER: 065 UTC DATE (dd/mm/yyyy): 29/04/05

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	4	1385	1.970	B-10	✓ 299		✓											FLAKES
2	5	1386	1.931	250	✓ 252		✓											F
3	6	1389	2.209	200	✓ 201		✓											F
4	7	1391	2.285	175	✓ 176		✓											
5	8	1393	2.317	150	✓ 151		✓											
6	9	1394	2.538	125	✓ 124		✓											
7	10	1397	3.243	100	✓ 101		✓											F
8	11	1398	4.444	75	✓ 75		✓											
9	12	1399	5.044	50	✓ 50		✓											F
10	13	1400	5.519	30	✓ 29		✓											
11	14	1402	5.654	20	✓ 20		✓											
12	15	1403	6.121	10	✓ 10		✓											
13	16	1404	6.523	5	✓ 5		✓											
14	17	1406	6.511	0	✓ 2		✓											
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY: H.M.
CHECKED BY:

Bottom Depth: 308

Cast # down: 65
Cast # up: 65

Time	LOC	UTC
Begin:		0806
Bottom:		0812
End:		0828

START POSITION (GPS)
LAT: 48 26.21
LONG: 124 51.50

BOTTOM POSITION (GPS)
LAT: 48 26.25
LONG: 124 51.70

END POSITION (GPS)
LAT: 48 26.35
LONG: 124 52.00

ROSETTE LOG

MISSION ID: 2005-08 STATION: LA04 CAST NUMBER: 067 UTC DATE (dd/mm/yyyy): 29/04/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION			Samples taken										
				Sample Depth	Confirmed	pressure	SAL		NUT		TCO		Cl3				
								OXY			ALK		CHL				
1	18	1410	2.675	B-10	✓	185		✓									
2	19	1411	3.255	150	✓	150		1									
3	20	1417	3.463	125	✓	125											
4	21	1421	4.410	100	✓	100											
5	22	1424	6.145	75	✓	75											
6	23	1425	6.343	50	✓	50											
7	24	1426	6.031	30	✓	30											
8	25	1427	6.397	20	✓	20											
9	26	1428	6.676	10	✓	10											
10	27	1429	7.235	0				V									
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Comments:

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 194

Cast # down: 67
Cast # up: 67

Time	LOC	UTC
Begin:		1002
Bottom:		1007
End:		1017

START POSITION (GPS)
LAT: 48 19.39
LONG: 125 04.04

BOTTOM POSITION (GPS)
LAT: 48 19.41
LONG: 125 04.07

END POSITION (GPS)
LAT: 48 19.47
LONG: 125 04.12

ROSETTE LOG

MISSION ID: 2005-08 STATION: LA06 CAST NUMBER: 069 UTC DATE (dd/mm/yyyy): 30/04/2005

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	28	1385	3.337	20-10		102		X										
2	29	1386	3.296	100		100.3		X										
3	30	1389	5.268	75		74.49		X										
4	31	1391	5.997	50		49.01		X										
5	32	1393	5.854	30		29.0		X										
6	33	1394	5.482	20		19.29		X										
7	34	1397	5.936	10		9.16		X										
8	35	1398	8.995	0		1.33		X										
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY

ENTERED BY: JE

CHECKED BY: RR

Bottom Depth: 113

Cast # down: 69

Cast # up: 69

Time LOC UTC

Begin: 0019

Bottom: 0023

End: 0028

START POSITION (GPS)

LAT: 48 12.68

LONG: 125 17.13

BOTTOM POSITION (GPS)

LAT: 48 12.68

LONG: 125 17.02

END POSITION (GPS)

LAT: 48 12.74

LONG: 125 16 93

ROSETTE LOG

MISSION ID: 2005-08 STATION: LA08 CAST NUMBER: 071 UTC DATE (dd/mm/yyyy): 30/04/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	36	1399	2.339	Bo-10	✓ 135		✓											FLAKES
2	37	1400	3.414	100	✓ 100													
3	38	1402	4.297	75	✓ 75													P
4	39	1403	5.723	50	✓ 50													
5	40	1404	6.795	30	✓ 30													F
6	41	1406	6.971	20	✓ 20													F
7	42	1410	6.896	10	✓ 10													F
8	43	1411	6.916	0	✓ 1.8		✓											
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 142

Cast # down: 71
Cast # up: 71

Time	LOC	UTC
Begin:		0207
Bottom:		0212
End:		0222

START POSITION (GPS)
LAT: 48 05.75
LONG: 125 30.37

BOTTOM POSITION (GPS)
LAT: 48 05.79
LONG: 125 30.33

END POSITION (GPS)
LAT: 48 05.78
LONG: 125 30.36

ROSETTE LOG

MISSION ID: 2005-08 STATION: LA10 CAST NUMBER: 073 UTC DATE (dd/mm/yyyy): 30/04/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	44	1233	0.309	B ₀ -10	✓ 920	✓	✓											F
2	45	1231	0.255	800	✓													
3	46	1228	0.458	600	✓													
4	47	1223	0.679	500	✓													
5	48	1225	0.967	400	✓													
6	49	1216	1.579	300	✓													
7	50	1248	3.556	250	✓													
8	51	1237	2.180	200	✓													
9	52	1238	2.564	175	✓													
10	53	1241	2.649	150	✓													
11	54	1247	3.098	125	✓													
12	55	1235	3.563	100	✓													
13	56	1258	4.197	75	✓													
14	57	1260	5.934	50	✓													
15	58	1270	6.464	30	✓													
16	59	1279	6.914	20	✓													
17	60	1280	6.920	10	✓													
18	61	1281	6.879	0	✓													
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: JE
CHECKED BY: H.M.

Bottom Depth: 930

Cast # down: 73
Cast # up: 73

Time	LOC	UTC
Begin:		0403
Bottom:		0418
End:		0445

START POSITION (GPS)
LAT: 47 59 05
LONG: 125 43 40

BOTTOM POSITION (GPS)
LAT: 47 59 03
LONG: 125 43 48

END POSITION (GPS)
LAT: 47 58 94
LONG: 125 43 67

Comments:

ROSETTE LOG

MISSION ID: 2005-08 STATION: LB 14 CAST NUMBER: 074 UTC DATE (dd/mm/yyyy): 30/04/05

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	62	1385	0.364	B-10	✓ 1180	✓	✓											
2	63	1386	0.263	1000	✓													F
3	64	1389	0.235	800	✓													F
4	65	1391	0.470	600	✓													F
5	66	1393	0.911	400	✓													
6	67	1394	1.402	300	✓													
7	68	1397	1.600	250	✓													F
8	69	1398	2.374	200	✓													
9	70	1399	2.573	175	✓													F
10	71	1400	2.582	150	✓													F
11	72	1402	3.029	125	✓													
12	73	1403	3.543	100	✓													
13	74	1404	4.228	75	✓													
14	75	1406	6.367	50	✓													F
15	76	1410	6.789	30	✓													
16	77	1411	6.865	20	✓													
17	78	1417	6.758	10	✓													
18	79	1421	6.699	0	✓													F
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY: H.M.
CHECKED BY:

Bottom Depth: 1195

Cast # down: 74
Cast # up: 74

Time	LOC	UTC
Begin:		0619
Bottom:		0639
End:		0713

START POSITION (GPS)
LAT: 48 08 50
LONG: 126 00 05

BOTTOM POSITION (GPS)
LAT: 48 08 45
LONG: 126 00 11

END POSITION (GPS)
LAT: 48 08 50
LONG: 126 00 03

ROSETTE LOG

MISSION ID: 2005-08 STATION: LB12 CAST NUMBER: 076 UTC DATE (dd/mm/yyyy): 30/04/2005

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	80	1346	0.684	B-10	✓	500		✓										
2	81	1347	0.894	400	✓													
3	82	1349	1.406	300	✓													
4	83	1367	1.603	250	✓													F
5	84	1351	2.158	200	✓													
6	85	1352	2.594	175	✓													
7	86	1353	2.897	150	✓													
8	87	1354	2.855	125	✓													F
9	88	1356	3.118	100	✓													F
10	89	1358	3.578	75	✓													
11	90	1360	5.989	50	✓													
12	91	1361	6.604	30	✓													
13	92	1362	6.918	20	✓													
14	93	1363	6.902	10	✓													
15	94	1382	6.647	0	✓	1.5												
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 512

Cast # down: 076

Cast # up: 076

Time	LOC	UTC
Begin:		0845
Bottom:		0855
End:		0912

START POSITION (GPS)

LAT: 48 12.94

LONG: 125 51.91

BOTTOM POSITION (GPS)

LAT: 48 12.94

LONG: 125 51.94

END POSITION (GPS)

LAT: 48 12.95

LONG: 125 51.90

Comments: CHECK DEPTHS IN FILE

ROSETTE LOG

MISSION ID: 2005-08 STATION: LB10 CAST NUMBER: 078 UTC DATE (dd/mm/yyyy): 30/04/2005

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	95	1366	2.882	B0-10	✓ 145		X											
2	96	1350	3.580	125	✓													
3	97	1368	3.672	100	✓ 110													
4	98	1371	4.378	75	✓													
5	99	1373	5.795	50	✓													
6	100	1374	6.204	30	✓													
7	101	1375	6.471	20	✓													
8	102	1376	6.890	10	✓													
9	103	1378	6.337	0	✓													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 154

Cast # down: 78
Cast # up: 78

Time	LOC	UTC
Begin:		1035
Bottom:		1039
End:		1048

START POSITION (GPS)
LAT: 48 18.68
LONG: 125 41.29

BOTTOM POSITION (GPS)
LAT: 48 18.67
LONG: 125 41.31

END POSITION (GPS)
LAT: 48 18.64
LONG: 125 41.40

ROSETTE LOG

MISSION ID: 2005-08 STATION: LB01 CAST NUMBER: 79 UTC DATE (dd/mm/yyyy): 01/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	104	1346	6.723	B ₀ -10	✓ 31			✓										
2	105	1347	6.797	20	✓													
3	106	1349	8.146	10	✓													
4	107	1350	8.500	0	✓ 1.3			↓										
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 37

Cast # down: 79
Cast # up: 79

Time	LOC	UTC
Begin:		0107
Bottom:		0109
End:		0112

START POSITION (GPS)
LAT: 48 40.40
LONG: 124 59.38

BOTTOM POSITION (GPS)
LAT: 48 40.37
LONG: 124 59.35

END POSITION (GPS)
LAT: 48 40.36
LONG: 124 59.35

47 36.00 124 38.00

ROSETTE LOG

MISSION ID: 2005-08 STATION: LB02 CAST NUMBER: 80 UTC DATE (dd/mm/yyyy): 01/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	108	1351	5.016	30-10	✓ 48			✓										
2	109	1352	5.248	30	✓													
3	110	1353	8.397	26	✓													
4	111	1354	8.334	10	✓													
5	112	1356	8.197	0	✓ 1.6			✓										
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 56

Cast # down: 80
Cast # up: 80

Time	LOC	UTC
Begin:		0135
Bottom:		0137
End:		0140

START POSITION (GPS)
LAT: 48 39.02
LONG: 125 02.26

BOTTOM POSITION (GPS)
LAT: 48 39.02
LONG: 125 02.22

END POSITION (GPS)
LAT: 48 39.03
LONG: 125 02.14

ROSETTE LOG

MISSION ID: 2005-08 STATION: LB04 CAST NUMBER: 82 UTC DATE (dd/mm/yyyy): 01/05/2005

				ROSETTE OPERATION			Samples taken													
Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	Sample Depth	Confirmed	pressure	SAL		NUT		TCO		C13							
							OXY				ALK		CHL							
1	113	1358	2.984	Bo-10	✓	105		✓												
2	114	1360	4.185	75	✓			↓												
3	115	1361	4.596	50	✓															
4	116	1362	5.338	30	✓															
5	117	1363	5.970	20	✓															
6	118	1364	6.581	10	✓															
7	119	1366	No sample	0	✓	1.3		↓											no sample - bottle 7 closed but empty	
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Comments:

SHIP: TULLY
ENTERED BY: JC
CHECKED BY:

Bottom Depth: 113

Cast # down: 82
Cast # up: 82

Time	LOC	UTC
Begin:		0237
Bottom:		0241
End:		0246

START POSITION (GPS)
LAT: 48 35.67
LONG: 125 08.62

BOTTOM POSITION (GPS)
LAT: 48 35.63
LONG: 125 08.50

END POSITION (GPS)
LAT: 48 35.66
LONG: 125 08.62

ROSETTE LOG

MISSION ID: 2005-08

STATION: LB06

CAST NUMBER: 84

UTC DATE (dd/mm/yyyy):

01/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3						
1	120	1367	2.981	30-10	✓ 110			✓										
2	121	1368	4.213	75	✓													
3	122	1371	5.811	50	✓													
4	123	1373	6.542	30	✓													
5	124	1374	6.848	20	✓													
6	125	1375	7.050	10	✓													
7	126	1376	6.855	0	✓			✓										END END POINT
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 115

Cast # down: 84
Cast # up:

Time	LOC	UTC
Begin:		0340
Bottom:		0343
End:		0350

START POSITION (GPS)
LAT: 48 32 21
LONG: 125 15 49

BOTTOM POSITION (GPS)
LAT: 48 32 23
LONG: 125 15 49

END POSITION (GPS)
LAT: 48 32 29
LONG: 125 15 44

Comments:

ROSETTE LOG

MISSION ID: 2005-08

STATION: LB 07

CAST NUMBER: 85

UTC DATE (dd/mm/yyyy):

01/05/05

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	127	1216	2.231	8-10	✓ 150		✓												
2	128	1223	2.930	125	✓														
3	129	1225	3.589	100	✓														
4	130	1228	5.064	75	✓														
5	131	1231	6.195	50	✓														
6	132	1233	6.691	30	✓														
7	133	1235	6.779	20	✓														
8	134	1237	7.021	10	✓														
9	135	1238	7.011	0	✓														
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: TULLY

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth: 157

Cast # down: 85

Cast # up:

Time	LOC	UTC
Begin:		0432
Bottom:		0436
End:		0445

START POSITION (GPS)		
LAT:	48	28 66
LONG:	125	21 90

BOTTOM POSITION (GPS)		
LAT:	48	28 65
LONG:	125	21 83

END POSITION (GPS)		
LAT:	48	25 65
LONG:	125	21 79

Comments:

ROSETTE LOG

MISSION ID: 2005-08

STATION: LB 08

CAST NUMBER: 86

UTC DATE (dd/mm/yyyy):

01/05/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL						
1	136	1247	2.263	B-10	✓ 132			✓										
2	137	1248	2.257	125	✓													
3	138	1258	3.057	100	✓													
4	139	1260	5.108	75	✓													
5	140	1270	6.024	50	✓													
6	141	1279	6.403	30	✓													
7	142	1280	7.101	20	✓													
8	143	1281	7.606	10	✓													
9	144	1284	7.398	0	✓													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: H.M.
CHECKED BY:

Bottom Depth: 139

Cast # down: 86
Cast # up:

Time	LOC	UTC
Begin:		0527
Bottom:		0530
End:		0539

START POSITION (GPS)
LAT: 48 25 31
LONG: 125 28 57

BOTTOM POSITION (GPS)
LAT: 48 25 33
LONG: 125 28 53

END POSITION (GPS)
LAT: 48 25 37
LONG: 125 28 41

Comments:

ROSETTE LOG

MISSION ID: 2005-08 STATION: LC02 CAST NUMBER: 103 UTC DATE (dd/mm/yyyy): 03/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3						
							OXY			ALK		CHL						
1	145	1216	5.095	Bo-10	✓ 100			X										
2	146	1223	5.652	75	✓													
3	147	1225	5.794	50	✓													
4	148	1228	5.757	30	✓													
5	149	1231	5.866	20	✓													
6	150	1233	6.828	10	✓													
7	151	1235	7.452	0	✓													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 109

Cast # down: 103
Cast # up: 103

Time	LOC	UTC
Begin:		<u>0208</u>
Bottom:		<u>0211</u>
End:		<u>0218</u>

START POSITION (GPS)
LAT: 48 48.66
LONG: 125 30.8

BOTTOM POSITION (GPS)
LAT: 48 48.66
LONG: 125 30.93

END POSITION (GPS)
LAT: 48 48.68
LONG: 125 30.99

ROSETTE LOG

MISSION ID: 2005-08 STATION: Lc04 CAST NUMBER: 105 UTC DATE (dd/mm/yyyy): 03/05/2005

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	152	1237	4.761	30-10	✓ 160			✓										
2	153	1238	5.163	125	✓													
3	154	1241	5.305	100	✓													
4	155	1247	5.660	75	✓													
5	156	1248	5.762	50	✓													
6	157	1258	5.918	30	✓													
7	158	1260	6.325	20	✓													
8	159	1270	7.518	10	✓													
9	160	1279	7.819	0	✓													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: JE
CHECKED BY: H.M.

Bottom Depth: 166

Cast # down: 105
Cast # up:

Time	LOC	UTC
Begin:		0335
Bottom:		0338
End:		0348

START POSITION (GPS)
LAT: 48 43 38
LONG: 125 40 84

BOTTOM POSITION (GPS)
LAT: 48 43 42
LONG: 125 40 83

END POSITION (GPS)
LAT: 48 43 55
LONG: 125 40 86

Comments:

ROSETTE LOG

MISSION ID: 2005-08 STATION: LC05 CAST NUMBER: 108 UTC DATE (dd/mm/yyyy): MAY 3/05

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	161	1280	5.195	8-5	✓ 60													
2	162	1281	5.333	50	✓													
3	163	1284	6.185	30	✓													
4	164	1295	6.853	20	✓													
5	165	1334	7.657	10	✓													
6	166	1335	7.652	0	✓													
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: H.M.
CHECKED BY:

Bottom Depth: 66

Cast # down: 108
Cast # up:

Time	LOC	UTC
Begin:		04 35
Bottom:		04 36
End:		04 43

START POSITION (GPS)
LAT: 48 39 99
LONG: 125 47 41

BOTTOM POSITION (GPS)
LAT: 48 39 97
LONG: 125 47 41

END POSITION (GPS)
LAT: 48 39
LONG: 125 47

Comments:

ROSETTE LOG

MISSION ID: 2005-08

STATION: LC07

CAST NUMBER: 110

UTC DATE (dd/mm/yyyy):

03/05/05

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	167	1346	2.410	B-10	✓ 125		✓											FLAKES
2	168	1347	2.444	100	✓													
3	169	1349	4.178	75	✓													
4	170	1350	5.561	50	✓													
5	171	1351	6.280	30	✓													
6	172	1352	6.457	20	✓													
7	173	1353	7.212	10	✓													
8	174	1354	7.281	0	✓ 1.8													
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TOLLY
ENTERED BY: H.M.
CHECKED BY:

Bottom Depth: 131

Cast # down: 110
Cast # up:

Time	LOC	UTC
Begin:		0649
Bottom:		0652
End:		0659

START POSITION (GPS)
LAT: 48 32.95
LONG: 126 00.49

BOTTOM POSITION (GPS)
LAT: 48 32.98
LONG: 126 00.48

END POSITION (GPS)
LAT: 48 32.99
LONG: 126 00.47

Comments:

ROSETTE LOG

MISSION ID: 2005-08 STATION: LC 08 CAST NUMBER: 111 UTC DATE (dd/mm/yyyy): MAY 3/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL						
1	175	1356	2.002	B-10	✓ 197		✓											
2	176	1358	2.149	175	✓													
3	177	1360	2.645	150	✓													
4	178	1361	3.108	125	✓													
5	179	1362	3.728	100	✓													
6	180	1363	4.490	75	✓													
7	181	1364	5.907	50	✓													
8	182	1366	6.329	30	✓													
9	183	1367	NO SAMPLE	20	✓													
10	184	1368	6.889	10	✓													
11	185	1371	6.767	0	✓ 1.9													
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: H.M.
CHECKED BY:

Bottom Depth: 201

Cast # down: 111
Cast # up:

Time	LOC	UTC
Begin:		0741
Bottom:		0746
End:		0757

START POSITION (GPS)
LAT: 48 29.45
LONG: 126 07.12

BOTTOM POSITION (GPS)
LAT: 48 29.47
LONG: 126 07.13

END POSITION (GPS)
LAT: 48 29.49
LONG: 126 07.02

ROSETTE LOG

MISSION ID: 2005-08

STATION: LC10

CAST NUMBER: 115

UTC DATE (dd/mm/yyyy):

03/05/2005

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	186	1385	0.410	Bo-10	✓ 1245	✓										
2	187	1386	0.239	1060	✓	✓										
3	188	1389	0.247	800	✓											
4	189	1391	0.482	600	✓											
5	190	1393	1.056	400	✓											
6	191	1394	1.564	300	✓											
7	192	1397	1.953	250	✓											
8	193	1398	2.350	200	✓											FLAKES
9	194	1399	2.647	175	✓											✓
10	195	1400	2.928	150	✓											✓
11	196	1402	3.471	125	✓											✓
12	197	1403	3.506	100	✓											✓
13	198	1404	3.983	75	✓											✓
14	199	1406	6.511	50	✓											✓
15	200	1410	6.930	30	✓											✓
16	201	1411	7.030	20	✓											✓
17	202	1136	6.961	10	✓											✓
18	203	1137	6.731	0	✓ 1.1											✓
19																
20																
21																
22																
23																
24																

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 1252

Cast # down: 115
Cast # up: 115

Time	LOC	UTC
Begin:		1032
Bottom:		1054
End:		1124

START POSITION (GPS)
LAT: 48 22.40
LONG: 126 20.22

BOTTOM POSITION (GPS)
LAT: 48 22.40
LONG: 126 20.19

END POSITION (GPS)
LAT: 48 22.38
LONG: 126 19.98

Comments: Bottle 17 leaked (when spigot open, air valve closed) Bottle 11 drips when spigot closed, air valve open

ROSETTE LOG

MISSION ID:

2005-08

STATION:

LG07

CAST NUMBER:

119

UTC DATE (dd/mm/yyyy):

04/05/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
1	204	1346	3.747	B-10	✓ 1760	✓	✓											No Good - MAGNETIC STRIP OFF
2	205	1347	0.632	1500	✓													
3	206	1349	0.255	1000	✓													
4	207	1350	0.239	800	✓													
5	208	1351	0.487	600	✓													
6	209	1352	1.171	400	✓													
7	210	1353	1.649	300	✓													* PETCOCK OPEN
8	211	1354	1.938	250	✓													
9	212	1356	2.848	200	✓													
10	213	1358	3.386	175	✓													
11	214	1360	3.987	150	✓													
12	215	1361	4.071	125	✓													
13	216	1362	4.159	100	✓													* PETCOCK OPEN
14	217	1363	5.369	75	✓													
15	218	1364	6.647	50	✓													* PETCOCK OPEN
16	219	1366	6.837	30	✓													
17	220	1367	6.858	20	✓													
18	221	1368	6.811	10	✓													
19	222	1371	6.594	0	✓													
20																		
21																		
22																		
23																		
24																		

*spigots open but no leaks

SHIP: TULLY

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth: 1770

Cast # down: 119

Cast # up:

Time	LOC	UTC
Begin:		0529
Bottom:		0557
End:		0634

START POSITION (GPS)		
LAT:	48 59	41
LONG:	127 07	27

BOTTOM POSITION (GPS)		
LAT:	48 59	39
LONG:	127 07	25

END POSITION (GPS)		
LAT:	48 59	33
LONG:	127 07	26

Comments:

ROSETTE LOG

MISSION ID: 2005-08

STATION: LG05

CAST NUMBER: 121

UTC DATE (dd/mm/yyyy):

04/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL						
1	223	1216	1.591	Bo-10	✓	270	✓											FLAKES
2	224	1223	1.932	200	✓													F
3	225	1225	1.959	175	✓													F
4	226	1228	2.361	150	✓													F
5	227	1231	3.118	125	✓													F
6	228	1233	3.656	100	✓													F
7	229	1235	4.597	75	✓													F
8	230	1237	5.525	50	✓													F
9	231	1238	6.122	30	✓													F
10	232	1241	6.304	20	✓													F
11	233	1247	6.166	10	✓													F
12	234	1248	6.995	0	✓													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 277

Cast # down: 121
Cast # up: 121

Time	LOC	UTC
Begin:		0930
Bottom:		0836
End:		0848

START POSITION (GPS)
LAT: 49 07.36
LONG: 126 55.31

BOTTOM POSITION (GPS)
LAT: 49 07.36
LONG: 126 55.33

END POSITION (GPS)
LAT: 49 07.37
LONG: 126 55.39

Comments:

ROSETTE LOG

MISSION ID: 2005-08 STATION: LG04 CAST NUMBER: 122 UTC DATE (dd/mm/yyyy): 04/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL						
1	235	1258	2.249	Bo-10	✓	138	✓											FLAKES
2	236	1260	2.653	125	✓													F
3	237	1270	3.400	100	✓													F
4	238	1279	4.271	75	✓													F
5	239	1280	6.682	50	✓													F
6	240	1281	6.794	30	✓													F
7	241	1284	6.753	20	✓													F
8	242	1295	7.283	10	✓													Operator forgot to fire bottle
9	243	1334	NO SAMPLE	0		1.7	✓											
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 146

Cast # down: 122
Cast # up:

Time	LOC	UTC
Begin:		0931
Bottom:		0935
End:		0945

START POSITION (GPS)
LAT: 49 11.28
LONG: 126 49.30

BOTTOM POSITION (GPS)
LAT: 49 11.29
LONG: 126 49.26

END POSITION (GPS)
LAT: 49 11.28
LONG: 126 49.34

Comments:

ROSETTE LOG

MISSION ID: 2005-08

STATION: LG02

CAST NUMBER: 124

UTC DATE (dd/mm/yyyy):

04/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
1	244	1335	3.621	Bo-10	✓ 92													FLAKES
2	245	1336	5.024	75	✓													F
3	246	1337	6.434	50	✓													F
4	247	1338	6.038	30	✓													F
5	248	1341	6.150	20	✓													F
6	249	1342	7.297	10	✓													F
7	250	1384	7.095	0	✓ 19													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 100

Cast # down: 124
Cast # up: 124

Time	LOC	UTC
Begin:		1107
Bottom:		1111
End:		1116

START POSITION (GPS)
LAT: 49 18.73
LONG: 126 38.12

BOTTOM POSITION (GPS)
LAT: 49 18.71
LONG: 126 38.12

END POSITION (GPS)
LAT: 49 18.70
LONG: 126 38.13

Comments: