

ROSETTE LOG

MISSION ID: 2006-33

STATION: SI - Test

CAST NUMBER: 1

UTC DATE (dd/mm/yyyy): 11/10/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13				
							OXY				ALK		CHL	OXY2		
1	1	1192	0.682	154	✓ Bot - 10		✓									
2	2	1206	0.459	125	✓ 125											
3	3	1216	0.620	100	✓ 100											
4	4	1225	1.234	75	✓ 75											
5	5	1231	3.159	50	✓ 50											
6	6	1237	3.634	30	✓ 30											
7	7	1241	3.993	20	✓ 20											
8	8	1258	3.996	10	✓ 10											
9	9	1270	4.145	5	✓ 5											
10	10	1280	4.305	2	✓ 0		✓									Bot No
11	11	1195	0.818		✓ Bot - 10											1 Win 98 analysis
12	12	1212	0.553		✓ 125											2
13	13	1223	0.817		✓ 100											3
14	14	1228	1.753		✓ 75											4
15	15	1235	4.635		✓ 50											5
16	16	1238	5.231		✓ 30											6
17	17	1247	5.774		✓ 20											7
18	18	1260	5.754		✓ 10											8
19	19	1279	6.130		✓ 5											9
20	20	1281	6.199		✓ 0											10
21																
22																
23																
24																

Comments:

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 165

Cast # down: 1

Cast # up: 1

Time	LOC	UTC
Begin:		0224
Bottom:		0229
End:		0241

START POSITION (GPS)		0.518
LAT:	48 39.57	0.322
LONG:	123 27.80	0.543

BOTTOM POSITION (GPS)		1.359
LAT:	48 39.56	3.213
LONG:	123 29.83	3.339

END POSITION (GPS)		3.702
LAT:	48 39.59	3.705
LONG:	123 29.84	3.853

ROSETTE LOG

MISSION ID: 2006-33

STATION: L809

CAST NUMBER: 12

UTC DATE (dd/mm/yyyy):

12/10/2006

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	21	1158	1.631	Bot-10	✓ 140	✓												
2	22	1175	1.486	125	✓ 125													
3	23	1317	2.560	100	✓ 100													
4	24	1322	3.180	75	✓ 75													
5	25	1326	3.965	50	✓ 50													
6	26	1339	8.455	30	✓ 30													
7	27	1351	8.856	20	✓ 20													
8	28	1358	8.804	10	✓ 10													
9	29	1361	8.890	5	✓ 5													
10	30	1362	8.819	0	✓ 1.3													
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully

ENTERED BY: DA

CHECKED BY:

Bottom Depth: 149

Cast # down: 3

Cast # up: 3

Time	LOC	UTC
Begin:		0234
Bottom:		0256
End:		0310

START POSITION (GPS)

LAT: 48 22 07

LONG: 125 34 84

BOTTOM POSITION (GPS)

LAT: 48 22 07

LONG: 125 34 94

END POSITION (GPS)

LAT: 48 22 07

LONG: 125 35 10

Comments:

ROSETTE LOG

MISSION ID: 2006-33 STATION: LC08 CAST NUMBER: 12 UTC DATE (dd/mm/yyyy): 13/10/2006

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	31	1158	2.193	bot	✓ 198													
2	32	1175	2.658	150														
3	33	1317	3.590	125														
4	34	1332	4.117	100														
5	35	1326	7.608	175														
6	36	1338	8.780	50	✓													
7	37	1351	8.692	30	✓													
8	38	1358	8.976	20	✓													
9	39	1361	9.164	10	✓													
10	40	1362	9.201	5	✓													
11	41	1363	9.166	0	✓													
12					✓													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully
ENTERED BY: SM
CHECKED BY: DA

Bottom Depth:

Cast # down: 12
Cast # up:

Time	LOC	UTC
Begin:		0612
Bottom:		0614
End:		

START POSITION (GPS)
LAT: 48 29 45
LONG: 126 07 14

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: 27.20 bot

ROSETTE LOG

MISSION ID: 2006-33

STATION: LC06

CAST NUMBER: 14

UTC DATE (dd/mm/yyyy): 13/10/2006

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	1364	2.509	Bot-16	✓ 82													
2	43	1367	2.606	75	✓ 76	✓												
3	44	1368	3.150	50	✓ 50													
4	45	1371	5.622	30	✓ 28													
5	46	1373	6.561	20	✓ 20													
6	47	1374	9.099	10	✓ 10													
7	48	1375	9.109	5	✓ 5													
8	49	1376	9.165	0														
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully
ENTERED BY: DA
CHECKED BY:

Bottom Depth: 91

Cast # down: 14
Cast # up: 14

Time	LOC	UTC
Begin:		0821
Bottom:		0825
End:		0836

START POSITION (GPS)
LAT: 48 36 51
LONG: 125 53 88

BOTTOM POSITION (GPS)
LAT: 48 36 53
LONG: 125 53 90

END POSITION (GPS)
LAT: 48 36 59
LONG: 125 53 91

ROSETTE LOG

MISSION ID: 2006-33

STATION: LC04

CAST NUMBER: 16

UTC DATE (dd/mm/yyyy): 13/10/2006

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	50	1380	2.674	Bot-10	156														
2	51	1381	3.232	150	148	✓													
3	52	1382	2.829	125	125														
4	53	1389	2.964	100	100														
5	54	1391	3.024	75	75														
6	55	1397	3.587	50	50														
7	56	1394	5.220	30	28														
8	57	1434	6.175	20	20														
9	58	1461	7.871	10	10														
10	59	1424	8.730	5	5	✓													
11	60	1176	8.920	0	2														
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 65

Cast # down: 16

Cast # up: 16

Time	LOC	UTC
Begin:		008
Bottom:		1013
End:		1027

START POSITION (GPS)
LAT: 48 43 47
LONG: 125 40 81

BOTTOM POSITION (GPS)
LAT: 48 43 49
LONG: 125 40 75

END POSITION (GPS)
LAT: 48 43 50
LONG: 125 40 56

Comments:

ROSETTE LOG

MISSION ID: 2006-33 STATION: EF01 CAST NUMBER: 17 UTC DATE (dd/mm/yyyy): 13/10/2006

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	61	1327	2.413	B-5	✓													spigot open
2	62	1329	2.358	20	✓	20												spigot port open
3	63	1417	3.655	10	✓	10												spigot open
4	64	1421	7.788	0	✓	1.7												spigot port open
5																		
6																		
7																		
8																		
9																		
10																		
11																		
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22																		
23																		
24																		

Comments:

SHIP: JPTully
ENTERED BY:
CHECKED BY:

Bottom Depth: 32

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1911
Bottom:		1915
End:		1918

START POSITION (GPS)
LAT: 49° 5.56'
LONG: 125° 11.69'

BOTTOM POSITION (GPS)
LAT: 49° 5.55'
LONG: 125° 11.68'

END POSITION (GPS)
LAT: 49° 5.54'
LONG: 125° 11.66'

ROSETTE LOG

MISSION ID: 2006-33 STATION: EF02 CAST NUMBER: 18 UTC DATE (dd/mm/yyyy): 13/10/2006

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	65	1460	6.011	B-5	65	x												4 mab
2	66	1438	6.000	50	60													bottle depths
3	67	1439	0.014	30	50													moved to better
4	68	1440	4.007	20	25													define oxygen
5	69	1441	5.278	10	10													profile
6	70	1442	8.680	0	1.2													
7																		
8																		
9																		
10																		
11																		
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22																		
23																		
24																		

Comments:

SHIP: Tullu
ENTERED BY:
CHECKED BY:

Bottom Depth: 70

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2003
Bottom:		
End:		2012

START POSITION (GPS)
LAT: 49 4.999
LONG: 125 10.306

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 49 4.998
LONG: 125 10.220

ROSETTE LOG

MISSION ID: 2006-33 STATION: EF03 CAST NUMBER: 19 UTC DATE (dd/mm/yyyy): 13/10/2006

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	71	1443	0.000	B-5	✓ 115													H2O4 small
2	72	1462	0.000	100	✓ 100													"
3	73	1445	0.000	75	✓ 75													"
4	74	1446	0.658	50	✓ 50													
5	75	1447	3.917	30	✓ 30													
6	76	1448	4.332	20	✓ 20													
7	77	1449	4.993	10	✓ 10													
8	78	1450	7.993	0	✓ 1.0													
9																		
10																		
11																		
12																		
13																		
14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 120

Cast # down: 19

Cast # up: 19

Time

LOC

UTC

Begin: 2116

Bottom: 2120

End: 2126

START POSITION (GPS)

LAT: 49 04.23

LONG: 125 09.37

BOTTOM POSITION (GPS)

LAT: 49 04.25

LONG: 125 09.38

END POSITION (GPS)

LAT: 49 07.26

LONG: 125 09.93

ROSETTE LOG

MISSION ID: 2006-33 STATION: EF04 CAST NUMBER: 20 UTC DATE (dd/mm/yyyy): 13/10/2006

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	79	1451	1.955	13-5	✓ 64													
2	80	1452	3.441	30	✓ 30													
3	81	1453	4.839	20	✓ 20													
4	82	1454	4.711	10	✓ 10													
5	83	1456	4.830	0	✓ 10													
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 64

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2202
Bottom:		2202
End:		2212

Bottom

START POSITION (GPS)

LAT: 49 3.110

LONG: 125 8.625

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 49 3.106

LONG: 125 8.625

Comments:

ROSETTE LOG

MISSION ID: 2006-33 STATION: EFOS CAST NUMBER: 21 UTC DATE (dd/mm/yyyy): 13/10/2006

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	84	1192	1.259	8-5	✓ 199													
2	85	1195	1.350	775	✓ 175													
3	86	1206	1.496	150	✓ 150	x												
4	87	1212	1.471	125	✓ 125													
5	88	1216	1.438	100	✓ 100													
6	89	1223	1.436	75	✓ 88													
7	90	1225	1.413	50	✓ 50													
8	91	1228	2.584	30	✓ 30													
9	92	1231	3.120	20	✓ 20													
10	93	1235	3.555	10	✓ 10													
11	94	1237	4.896	0	✓ 1.1													
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 202

Cast # down: 21
Cast # up: 21

Time	LOC	UTC
Begin:		2229
Bottom:		2234
End:		2243

START POSITION (GPS)
LAT: 49 02 51
LONG: 125 09 16

BOTTOM POSITION (GPS)
LAT: 49 02 51
LONG: 125 09 16

END POSITION (GPS)
LAT: 49 02 50
LONG: 125 09 18

Comments:

ROSETTE LOG

MISSION ID: 2006-33 STATION: EF06 CAST NUMBER: 22 UTC DATE (dd/mm/yyyy): 13/10/2006

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	95	1238	1.565	B-5	-	141												
2	96	1241	1.557	125	-	125												
3	97	1247	1.486	100	-	100	x											
4	98	1258	1.445	75	-	75												
5	99	1260	1.638	50	-	50												
6	100	1270	2.627	30	-	30												
7	101	1279	3.194	20	-	20												
8	102	1280	3.469	10	-	10												
9	103	1281	4.628	0	-	2												
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
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22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 150

Cast # down: 22
Cast # up: 22

Time	LOC	UTC
Begin:		23 19
Bottom:		23 23
End:		23 38

START POSITION (GPS)
LAT: 49 01 78
LONG: 125 09 16

BOTTOM POSITION (GPS)
LAT: 49 01 78
LONG: 125 09 16

END POSITION (GPS)
LAT: 49 01 75
LONG: 125 09 13

ROSETTE LOG

MISSION ID: 2006-33

STATION: EF07

CAST NUMBER: 23

UTC DATE (dd/mm/yyyy): 13/10/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
1	104	1331	1.781	B-5	✓ 110														
2	105	1333	1.656	100	✓ 100														
3	106	1337	1.441	75	✓ 75	✓													
4	107	1344	1.779	50	✓ 50														
5	108	1383	2.677	30	✓ 30														
6	109	1384	3.290	20	✓ 20														
7	110	1398	3.541	10	✓ 10														
8	111	1399	4.469	0	✓ 2														
9																			
10																			
11																			
12																			
13																			
14																			
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22																			
23																			
24																			

Comments:

SHIP: Tully

ENTERED BY: DA

CHECKED BY:

Bottom Depth: 118

Cast # down: 22

Cast # up: 22

Time LOC UTC

Begin: 0006

Bottom: 0009

End: 0018

START POSITION (GPS)

LAT: 49 01 24

LONG: 125 09 37

BOTTOM POSITION (GPS)

LAT: 49 01 24

LONG: 125 09 39

END POSITION (GPS)

LAT: 49 01 22

LONG: 125 09 40

ROSETTE LOG

MISSION ID: 2006-33

STATION: EF08

CAST NUMBER: 24

UTC DATE (dd/mm/yyyy): 14/10/2006

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	112	1400	1.798	bot	86													
2	113	1406	1.778	75	75													
3	114	1158	5.184?	50	50													
4	115	1175	2.812	30	30													
5	116	1317	3.340	20	20													
6	117	1322	3.548	10	10													
7	118	1326	4.521	0														
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
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19																		
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22																		
23																		
24																		

Sample no.
* Problem need reversing
with titration in file

SHIP: TULLY

ENTERED BY:

CHECKED BY:

Bottom Depth: 87

Cast # down:

Cast # up:

TimeLOCUTC

Begin:0044

Bottom:

End:

START POSITION (GPS)

LAT:49 0.662 N

LONG:125 10.261 W

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 2006-33STATION: EF 09CAST NUMBER: 25UTC DATE (dd/mm/yyyy): 14/10/2006

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	119	1338	1.983	bot	54													
2	120	1351	2.158	50	50													
3	121	1358	3.268	30	30													Did not fire.
4	122	1361	3.480	20	20													
5	123	1362	3.748	10	10													
6	124			0	0													
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY

ENTERED BY:

CHECKED BY:

Bottom Depth: 61Cast # down: 25Cast # up: 25

Time LOC UTC

Begin: 0108Bottom: 1110End: 0120

START POSITION (GPS)

LAT: 49 00 09LONG: 125 10.86

BOTTOM POSITION (GPS)

LAT: 49 00 09LONG: 125 10.87

END POSITION (GPS)

LAT: 49 00 07LONG: 125 10 94

ROSETTE LOG

MISSION ID: 2006-33 STATION: EF 10 CAST NUMBER: 26 UTC DATE (dd/mm/yyyy):

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	125	1367	1.726	bot	- 90													
2	126	1363	1.751	75	- 75													
3	127	1368	1.992	50	- 50													
4	128	1371	3.007	30	- 30													
5	129	1373	3.476	20	- 20													
6	130	1374	3.638	10	- 10													
7	131	1375	6.015	0	- 2													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 102

Cast # down: 26
Cast # up: 26

Time	LOC	UTC
Begin:		0137
Bottom:		0140
End:		0150

START POSITION (GPS)
LAT: 48 59.84
LONG: 125 11.24

BOTTOM POSITION (GPS)
LAT: 48 59.84
LONG: 125 11.24

END POSITION (GPS)
LAT: 48 59.83
LONG: 125 11.25

ROSETTE LOG

MISSION ID: 2006-33 STATION: EF11 CAST NUMBER: 27 UTC DATE (dd/mm/yyyy): 14/10/2006

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	132	1376	bot	75	✓ 1.818													
2	133	1380	75	75	- 1.803													
3	134	1381	50	50	- 2.182													
4	135	1382	30	30	- 3.089													
5	136	1389	20	20	✓ 3.496													
6	137	1391	10	10	✓ 3.811													
7	138	1397	surf	2	✓ 4.790													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 84

Cast # down: 27
Cast # up: 27

Time	LOC	UTC
Begin:		0213
Bottom:		0217
End:		0224

START POSITION (GPS)
LAT: 48 59 09
LONG: 125 11 05

BOTTOM POSITION (GPS)
LAT: 48 59 08
LONG: 125 11 08

END POSITION (GPS)
LAT: 48 59 10
LONG: 125 11 09

ROSETTE LOG

MISSION ID: 2006-33 STATION: EFF12 CAST NUMBER: 28 UTC DATE (dd/mm/yyyy): 14/10/2006

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	139	1188	1.897	872	bot-10													
2	140	1256	1.795	75	✓ 75													
3	141	1267	2.158	50	✓ 50													
4	142	1268	3.283	30	✓ 30													
5	143	1272	3.600	20	✓ 20													
6	144	1273	4.096	10	✓ 10													
7	145	1274	5.197	0	✓ 1.1													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully
ENTERED BY: DA
CHECKED BY: SM

Bottom Depth: 93

Cast # down: 28
Cast # up: 28

Time	LOC	UTC
Begin:		0249
Bottom:		0254
End:		

START POSITION (GPS)
LAT: 48 58 00
LONG: 125 10 53

BOTTOM POSITION (GPS)
LAT: 48 57.99
LONG: 125 10.54

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2006-33 STATION: EFF13 CAST NUMBER: 29 UTC DATE (dd/mm/yyyy):

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	146	1276	1.987	Bot-10	✓ 97													
2	147	1278	1.860	75	✓ 75													
3	148	1300	2.192	50	✓ 50													
4	149	1301	3.479	30	✓ 30													
5	150	1302	3.732	20	✓ 20													
6	151	1305	4.352	10	✓ 10													
7	152	1306	4.972	0	✓ 1.4													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 103

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0319
Bottom:		0322
End:		0326

START POSITION (GPS)
LAT: 48 56.49
LONG: 125 10.71

BOTTOM POSITION (GPS)
LAT: 48 56.49
LONG: 125 10.71

END POSITION (GPS)
LAT: 48 56.50
LONG: 125 10.70

ROSETTE LOG

MISSION ID: 2006-33 STATION: LC02 CAST NUMBER: 36

UTC DATE (dd/mm/yyyy):

14/OCT/2006

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	153	1307	2.	BOTTOM	✓ 175													3 reversed depths are correct
2	154	1309	2.642	75	✓ 175													
3	155	1310	2.414	100	✓ 100													
4	156	1311	2.723	50	✓ 50													
5	157	1313	3.318	30	✓ 30													
6	158	1314	3.690	20	✓ 20													
7	159	1315	4.773	10	✓ 10													
8	160	1146	5.272	0														
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 109

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0552

Bottom: 0555

End: 0603

START POSITION (GPS)

LAT: 48 48.67

LONG: 125 30.98

BOTTOM POSITION (GPS)

LAT: 48 48.66

LONG: 125 30.98

END POSITION (GPS)

LAT: 48 48.65

LONG: 125 31.03

ROSETTE LOG

MISSION ID: 2006-33 STATION: LB 13 CAST NUMBER: 35 UTC DATE (dd/mm/yyyy): 15 Oct 2006

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	161	1406	0.250	Bot-10	✓	917												
2	162	1256	0.346	700	✓	699	✓											
3	163	1267	0.466	600	✓	600												
4	164	1268	0.716	500	✓	500												
5	165	1272	1.032	400	✓	400												
6	166	1273	1.450	300	✓	300												
7	167	1274	1.616	250	✓	250												
8	168	1276	1.723	200	✓	200												
9	169	1278	1.646	175	✓	175												
10	170	1300	1.829	150	✓	150												
11	171	1301	2.224	125	✓	125												
12	172	1302	2.750	100	✓	100												
13	173	1305	4.064	75	✓	75												
14	174	1306	6.082	50	✓	50												
15	175	1307	6.456	30	✓	30												
16	176	1309	6.564	20	✓	20	✓											
17	177	1310	6.416	10	✓	9												
18	178	1311	6.406	0	✓	1.1												
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully
ENTERED BY: SPH
CHECKED BY:

Bottom Depth: 915

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0253
Bottom:		0314
End:		0339

START POSITION (GPS)
LAT: 48 10.63
LONG: 125 56.04

BOTTOM POSITION (GPS)
LAT: 48 10.69
LONG: 125 56.09

END POSITION (GPS)
LAT: 48 10.908
LONG: 125 56.183

Comments:

ROSETTE LOG

MISSION ID: 2006-33 STATION: LB 11 CAST NUMBER: 37 UTC DATE (dd/mm/yyyy): 15/10/2006

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	179	1313	1.190	BOT-10	✓ 203													
2	180	1314	1.197	200	✓ 200	✓												
3	181	1315	1.213	175	✓ 175													
4	182	1146	1.195	150	✓ 150													
5	183	1318	1.547	125	✓ 124													
6	184	1319	2.085	100	✓ 100													
7	185	1323	2.693	75	✓ 75													
8	186			50	✓ 50													No Sample
9	187	1321	5.498	30	✓ 30													
10	188	1325	6.867	20	✓ 20													
11	189	1327	6.313	10	✓ 10													
12	190	1400	6.292	0	✓ 1.2													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY: SFM
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0522
Bottom:		0529
End:		0539

START POSITION (GPS)
LAT: 48 15.19
LONG: 125 47.68

BOTTOM POSITION (GPS)
LAT: 48 15.18
LONG: 125 47.68

END POSITION (GPS)
LAT: 48 15.18
LONG: 125 47.70

ROSETTE LOG

MISSION ID: 2006-33 STATION: LB 8 CAST NUMBER: 38 UTC DATE (dd/mm/yyyy): 15/10/2006

		ROSETTE OPERATION		Samples taken														
Niskin	Sample	OXY.	OXY.	Sample	Confirmed	SAL		NUT		TCO		C13						
No.	No.	Flask	ml/l	Depth	pressure		OXY			ALK		CHL						
1	191	1417	0.840	Bot-	145													
2	192	1421	0.743	135	125	✓												
3	193	1460	0.868	100	100													
4	194	1438	1.248	75	75													
5	195	1439	1.854	50	50													
6	196	1440	2.685	30	30													
7	197	1441	3.437	20	20													
8	198	1442	5.743	10	10													
9	199	1443	6.465	0														
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 134

Cast # down: 34
Cast # up: 34

Time	LOC	UTC
Begin:		0728
Bottom:		0734
End:		0744

START POSITION (GPS)
LAT: 48 25 33
LONG: 125 28 55

BOTTOM POSITION (GPS)
LAT: 48 25 42
LONG: 125 28 51

END POSITION (GPS)
LAT: 48 25 41
LONG: 125 28 51

ROSETTE LOG

MISSION ID: 2006-33 STATION: LA 10 CAST NUMBER: 40 UTC DATE (dd/mm/yyyy): 15/10/2006

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	200	1462	0.246	Bot-10	900													
2	201	1445	0.239	800	800													
3	202	1446	0.332	700	700													
4	203	1447	0.457	600	600													
5	204	1448	0.778	500	497													
6	205	1449	0.991	400	400													
7	206	1450	1.302	300	300													
8	207	1451	1.481	250	250													
9	208	1452	1.654	200	199													
10	209	1453	1.846	175	174													
11	210	1454	2.314	150	150													
12	211	1456	2.469	125	125													
13	212	1457	2.954	100	100													
14	213	1459	3.839	75	74													
15	214	1410	5.263	50	50													
16	215	1411	6.020	30	30													
17	216	1458	6.012	20	20													
18	217	1399	6.081	10	10													
19	218	1329	6.092	0														
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully
ENTERED BY: DJS
CHECKED BY:

Bottom Depth: 920

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1440
Bottom:		1457
End:		1528

START POSITION (GPS)
LAT: 47°59.057
LONG: 125°43.378

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2006-35 STATION: LA 8 CAST NUMBER: 42 UTC DATE (dd/mm/yyyy): 15/10/2006

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	219	1192	1.696	Bottom	136													
2	220	1195	1.400	125	125													
3	221	1208	2.489	100	100													
4	222	1398	3.173	75	73													
5	223	1384	4.145	50	50													
6	224	1383	5.685	30	29													
7	225	1344	6.411	20	20													
8	226	1337	6.426	10	10													
9	227	1333	6.429	0	1.4													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 140

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1711
Bottom:		1715
End:		

START POSITION (GPS)

LAT: 48° 5.767

LONG: 125° 30.278

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-33STATION: LA 4CAST NUMBER: 46UTC DATE (dd/mm/yyyy): 15/10/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
1	228	1331	1.330	Bot-10	✓	190													
2	229	1281	1.295	150	✓	148													
3	230	1280	1.463	125	✓	123													
4	231	1279	1.687	100	✓	99													
5	232	1270	1.962	75	✓	73													
6	233	1260	3.689	50	✓	48													
7	234	1258	5.193	30	✓	29													
8	235	1247	5.544	20	✓	20													
9	236	1241	6.169	10	✓	9													
10	237	1238	6.396	0	✓	1.5													
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 192

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom: 2102

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 19.37LONG: 125 4.10

END POSITION (GPS)

LAT: 48 19.38LONG: 125 4.16

ROSETTE LOG

MISSION ID: 2006-33STATION: LA 2CAST NUMBER: 48

UTC DATE (dd/mm/yyyy):

15/10/2006

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	238	1237	1.205	805-10	300													
2	239	1235	1.273	250	250	✓												
3	240	1231	1.443	200	200													
4	241	1228	1.567	175	176													
5	242	1225	1.571	150	150													
6	243	1233	1.832	125	124													
7	244	1244	2.545	100	100													
8	245	1212	3.088	75	75													
9	246	1158	4.857	50	50													
10	247	1175	5.073	30	28													
11	248	1314	5.487	20	19													
12	249	1322	6.067	10	10													
13	250	1326	6.170	0	2													
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 305Cast # down: 48Cast # up: 48

Time LOC UTC

Begin: 22 46Bottom: 22 53End: 23 12

START POSITION (GPS)

LAT: 48 26.29LONG: 124 51 40

BOTTOM POSITION (GPS)

LAT: 48 26 35LONG: 124 51 37

END POSITION (GPS)

LAT: 48 26 37LONG: 124 51 35

ROSETTE LOG

MISSION ID: 2006-33

STATION: QCS1

CAST NUMBER: 63

UTC DATE (dd/mm/yyyy): 17/10/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	251	1158	3.180	Bot	145													
2	252	1175	2.954	125	125	✓												
3	253	1317	3.034	100	100													
4	254	1322	3.159	75	74													
5	255	1326	3.222	50	50													
6	256	1338	3.685	30	30													
7	257	1351	3.798	20	20													
8	258	1358	3.808	10	10													
9	259	1361	4.025	0	13			N										
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 151

Cast # down:

Cast # up:

Time LOC UTC

Begin: 2139

Bottom:

End:

START POSITION (GPS)

LAT: 50°39.952

LONG: 126°46.217

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-33

STATION: KNI

CAST NUMBER: 65

UTC DATE (dd/mm/yyyy):

18/10/2006

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	260	1362	2.974	Bot 10	250													
2	261	1361	2.920	200	200													
3	262	1367	2.898	175	175													
4	263	1363	2.909	150	150													
5	264	1368	2.927	125	125													
6	265	1371	2.886	100	100													
7	266	1373	3.007	75	75													
8	267	1374	3.131	50	50													
9	268	1375	3.293	30	30													
10	269	1376	3.242	20	20													
11	270	1380	3.424	10	10													
12	271	1381	4.892	0	1.2													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 256

Cast # down: 65

Cast # up: 65

Time	LOC	UTC
Begin:		0001
Bottom:		0006
End:		0024

START POSITION (GPS)

LAT: 50 38.07

LONG: 126 35.32

BOTTOM POSITION (GPS)

LAT: 50 38 07

LONG: 126 35 31

END POSITION (GPS)

LAT: 50 38 06

LONG: 126 25 29

ROSETTE LOG

MISSION ID: 2006-33 STATION: TRC 1.5 CAST NUMBER: 71

UTC DATE (dd/mm/yyyy):

18/10/2006

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	272	1188	3.247	Bot-10	220.5													
2	273	1212	3.045	200	200	X												
3	274	1216	3.103	175	175													
4	275	1233	3.030	150	150													
5	276	1222	3.064	125	125													
6	277	1225	3.069	100	100													
7	278	1231	3.188	75	75													
8	279	1235	3.374	50	50													
9	280	1237	3.248	30	30													
10	281	1238	3.310	20	20													
11	282	1241	3.625	10	10													
12	283	1247	0.750	0	1.3													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Talley
ENTERED BY: Scott Rose
CHECKED BY:Bottom Depth: 225 mCast # down: 71Cast # up: 71

Time	LOC	UTC
Begin:		0604
Bottom:		0608
End:		0621

START POSITION (GPS)
LAT: 50 45.60
LONG: 126 9.09BOTTOM POSITION (GPS)
LAT: 50 45.59
LONG: 126 9.10END POSITION (GPS)
LAT: 50 45.558
LONG: 126 9.128

ROSETTE LOG

MISSION ID: 2006-33 STATION: Tr 3.0 CAST NUMBER: 74 UTC DATE (dd/mm/yyyy): 18/10/2006

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	284	1270	2.847	225	1301-10														
2	285	1279	2.942	200	200														
3	286	1280	3.017	175	175														
4	287	1281	3.598	150	150														
5	288	1331	3.349	125	125														
6	289	1333	3.080	100	100														
7	290	1337	3.235	75	75														
8	291	1344	3.464	50	50														
9	292	1383	3.631	30	30														
10	293	1384	3.756	20	20														
11	294	1398	3.998	10	10														
12	295	1206	5.447		0														
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 230

Cast # down: 74
Cast # up: 74

Time	LOC	UTC
Begin:		0927
Bottom:		0931
End:		0945

START POSITION (GPS)
LAT: 50 48 96
LONG: 126 25 42

BOTTOM POSITION (GPS)
LAT: 50 48 95
LONG: 126 25 45

END POSITION (GPS)
LAT: 50 48 83
LONG: 126 25 74

Comments:

ROSETTE LOG

OXY COMPARISON CAST
WIN 98 to WXP AutoOxy Program

MISSION ID: 2006-33

STATION: KINO

CAST NUMBER: 78

UTC DATE (dd/mm/yyyy):

19/10/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l (win 98)	ROSETTE OPERATION		Samples taken												Do w/L (XP)
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3		ALK	CHL	Sample No's		
1	296	1158	2.710	Bot - 5	- 383										Bot	1175	310	2.834
2	297	1322	2.851	300	- 301										300	1317	311	3.137
3	298	1338	2.846	250	- 250										250	1326	312	2.949
4	299	1358	3.132	200	- 200										200	1331	313	3.329
5	300	1362	3.032	175	- 175										175	1361	314	3.161
6	301	1367	2.969	150	- 150										150	1364	315	3.327
7	302	1368	3.336	125	- 125										125	1363	316	3.480
8	303	1373	3.865	100	- 100										100	1371	317	3.625
9	304	1375	3.449	75	- 75										75	1374	318	3.483
10	305	1380	3.294	50	- 50										50	1376	319	3.471
11	306	1382	3.223	30	- 30										30	1381	320	3.480
12	307	1391	3.458	20	- 20										20	1389	321	3.873
13	308	1394	3.724	10	- 10										10	1397	322	3.770
14	309	1461	7.104	0											0	1434	323	7.130
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 388

Cast # down: 78

Cast # up: 78

Time LOC UTC

Begin: 0100

Bottom: 0106

End: 0128

START POSITION (GPS)

LAT: 50 51 68

LONG: 126 37 20

BOTTOM POSITION (GPS)

LAT: 50 51 64

LONG: 126 37 20

END POSITION (GPS)

LAT: 50 51 52

LONG: 126 37 10

ROSETTE LOG

MISSION ID: 2006-33

STATION: QCS2

CAST NUMBER: 83

UTC DATE (dd/mm/yyyy): 19/10/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	310	1158	2.698	215	219													
2	311	1175	2.582	200	200													
3	312	1317	2.600	175	175													
4	313	1322	2.615	150	150													
5	314	1326	2.626	125	124													
6	315	1338	2.775	100	100													
7	316	1351	3.193	75	74													
8	317	1358	3.520	50	50													
9	318	1361	3.789	30	30													
10	319	1362	4.140	20	20													
11	320	1364	4.444	10	10													
12	321	1367	4.459	0	1-1													
13				0														
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 222

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1533

Bottom: 1539

End: 1552

START POSITION (GPS)

LAT: 50° 46.561

LONG: 127° 02.328

BOTTOM POSITION (GPS)

LAT: 50 46 : 60

LONG: 127 02 , 33

END POSITION (GPS)

LAT: 50 46.71

LONG: 127.02.42