

ROSETTE LOG

MISSION ID: 2006-08 STATION: SI03 CAST NUMBER: 1 UTC DATE (dd/mm/yyyy): 31/01/2006

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	1	1346	0.039	Bot-10	✓ 217	✓	✓	✓										
2	2	1347	0.086	200	✓ 200	✓	✓	✓										
3	3	1349	0.101	175	✓ 175	✓	✓	✓										
4	4	1351	0.139	150	✓ 150	✓	✓	✓										
5	5	1353	0.061	125	✓ 125	✓	✓	✓										
6	6	1354	1.216	100	✓ 100	✓	✓	✓										
7	7	1356	2.949	75	✓ 75	✓	✓	✓										
8	8	1358	4.254	50	✓ 49	✓	✓	✓										
9	9	1360	4.757	25	✓ 25	✓	✓	✓										
10	10	1361	5.094	10	✓ 9	✓	✓	✓										
11	11	1362	?	5	✓ 5	✓	✓	✓										11 BUBBLES THEN CRACKER (RUN ERROR 39)
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: OXYGEN BOX: GREEN — NUTRIENTS: GREEN RACK

SHIP: J. P. TULLY

ENTERED BY: MR

CHECKED BY:

Bottom Depth: 226

Cast # down: 1

Cast # up: 1

Time	LOC	UTC
Begin:		2104
Bottom:		2110
End:		2127

START POSITION (GPS)

LAT: 48 35 66

LONG: 123 30 07

BOTTOM POSITION (GPS)

LAT: 48 35 65

LONG: 123 30 06

END POSITION (GPS)

LAT: 48 35 63

LONG: 123 30 02

ROSETTE LOG

MISSION ID: 2006-08 STATION: 551 CAST NUMBER: 2 UTC DATE (dd/mm/yyyy): 02/2/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13		DA				
							OXY			ALK		CHL		pH				
1	12	1480	1.016	Bot-10	✓ 489			✓										
2	13	1479	1.210	400	✓ 400	✓												
3	14	1481	1.009	300	✓ 300	✓												
4	15	1482	2.027	250	✓ 250	✓												
5	16	1483	2.335	200	✓ 199													
6	17	1484	2.441	175	✓ 174													
7	18	1485	2.615	150	✓ 150			✓										
8	19	1342	3.027	125	✓ 124													
9	20	1284	4.314	100	✓ 100													
10	21	1295	6.219	75	✓ 76													
11	22	1332	6.517	50	✓ 50													
12	23	1465	6.539	25	✓ 25													
13	24	1336	6.531	10	✓ 10													
14	25	1476	6.540	5	✓ 5	✓		✓				✓	✓	✓				
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: JOHN R TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 490?

Cast # down: 2
Cast # up: 2

Time	LOC	UTC
Begin:		1015
Bottom:		1022
End:		1038

START POSITION (GPS)
LAT: 51 12 14
LONG: 130 00 17

BOTTOM POSITION (GPS)
LAT: 51 12 15
LONG: 130 00 28

END POSITION (GPS)
LAT: 51 12 25
LONG: 130 00 35

Comments: OXYGEN: RED BOX NUTRIENTS: BLUE RACK
DA: 1 l jar
phyto: 250 ml jar + Lugol.
NOT SAMPLED!

ROSETTE LOG

MISSION ID: 2006-08 STATION: 553 CAST NUMBER: 5 UTC DATE (dd/mm/yyyy): 02/2/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL	DA	PHTE				
1	26	1346	2.052	8-10	✓ 280		✓	✓										
2	27	1347	2.350	250	✓	✓												
3	28	1349	3.429	200	✓	✓												
4	29	1351	3.341	175	✓	✓												
5	30	1353	3.349	150	✓	✓												
6	31	1354	4.011	125	✓													
7	32	1356	6.378	100	✓													
8	33	1358	6.555	75	✓			✓										
9	34	1360	6.531	50	✓													
10	35	1361	6.502	25	✓													
11	36	1362	6.441	10	✓													
12	37	1364	6.476	5	✓	✓	✓	✓				✓	✓	✓				
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 292

Cast # down: 5
Cast # up:

Time	LOC	UTC
Begin:		1451
Bottom:		1456
End:		1516

START POSITION (GPS)
LAT: 51 15 04
LONG: 129 21 35

BOTTOM POSITION (GPS)
LAT: 51 15 09
LONG: 129 21 30

END POSITION (GPS)
LAT: 51 15 06
LONG: 129 21 29

Comments: OXY - GREEN BOX NUTS YELLOW CASE
DA - 1 L JUG
PHYTO - 250 ml TAR

ROSETTE LOG

MISSION ID: 2006-08 STATION: SS 5 CAST NUMBER: 7 UTC DATE (dd/mm/yyyy): 02 02 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	DA	Phy				
1	39	1480	2.581	8-10	- 189		✓	✓										
2	40	1479	2.951	175	- 173	✓												
3	41	1481	5.372	150	- 150	✓												
4	42	1482	6.300	125	- 124	✓												
5	43	1483	6.349	100	- 98	✓												
6	44	1484	6.294	75	- 78													
7	45	1485	6.344	50	- 50													
8	46	1342	6.357	25	- 25													
9	47	1284	6.381	10	- 10													
10	48	1295	6.404	5	- 5	✓	1	11				✓	✓	✓				
11																		
12																		
13																		
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18																		
19																		
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21																		
22																		
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24																		

Comments:

1- Not Blue RACK
2- Glass Not RACK in Freezer

Only - Red Box

SHIP: J. P. TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 200

Cast # down: 7
Cast # up: 7

Time	LOC	UTC
Begin:		2011
Bottom:		2014
End:		2027

START POSITION (GPS)
LAT: 51 27 98
LONG: 128 29 90

BOTTOM POSITION (GPS)
LAT: 51 28 60
LONG: 128 29 78

END POSITION (GPS)
LAT: 51 28 60
LONG: 128 29 43

ROSETTE LOG

MISSION ID: 2006-08 STATION: SS7 CAST NUMBER: 11 UTC DATE (dd/mm/yyyy): 03/02/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL	DA	PH72				
1	50	1346	5.512	8-10	✓ 115			✓	✓									
2	51	1347	6.283	100	✓	✓												
3	52	1349	6.510	75	✓	✓												
4	53	1351	6.584	50	✓	✓			✓									
5	54	1353	6.626	25														
6	55	1354	6.615	10														
7	56	1356	6.595	5		✓		✓	✓				✓	✓	✓			
8																		
9																		
10																		
11																		
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24																		

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

Bottom Depth: 125

Cast # down: 11
Cast # up:

Time	LOC	UTC
Begin:		0103
Bottom:		0106
End:		0116

START POSITION (GPS)		
LAT:	51 24	72
LONG:	127 47	62

BOTTOM POSITION (GPS)		
LAT:	51 24	72
LONG:	127 47	66

END POSITION (GPS)		
LAT:	51 24	66
LONG:	127 47	69

Comments: OXY - GREEN BOX
NUTS - RED RACK

ROSETTE LOG

MISSION ID: 2006-08 STATION: R01 CAST NUMBER: 12 UTC DATE (dd/mm/yyyy): 03/02/2006

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	57	1327	1.943	Bot-10	✓	313		✓	✓									
2	58	1329	1.931	300	✓		✓	✓	✓									
3	59	1417	2.182	250	✓		✓	✓	✓									
4	60	1421	2.219	200	✓			✓	✓									
5	61	1435	2.024	175	✓			✓	✓									
6	62	1438	3.278	150	✓			✓	✓									
7	63	1439	4.780	125	✓			✓	✓									
8	64	1440	5.322	100	✓			✓	✓									
9	65	1441	6.327	75	✓			✓	✓									
10	66	1442	6.488	50	✓			✓	✓									
11	67	1443	6.642	25	✓			✓	✓									
12	68	1462	6.577	10	✓			✓	✓									
13	69	1445	6.728	5	✓		✓	✓	✓			✓						
14																		
15																		
16																		
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18																		
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20																		
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23																		
24																		

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

Bottom Depth: 330

Cast # down: 12
Cast # up:

Time	LOC	UTC
Begin:		0226
Bottom:		0231
End:		0249

START POSITION (GPS)
LAT: 51 26 42
LONG: 127 38 09

BOTTOM POSITION (GPS)
LAT: 51 26 48
LONG: 127 38 26

END POSITION (GPS)
LAT: 51 26 39
LONG: 127 38 50

Comments: Oxygen: Black Box
NUTRIENTS: White rack.

ROSETTE LOG

MISSION ID: 2006-08 STATION: RI4 CAST NUMBER: 15 UTC DATE (dd/mm/yyyy): 3/2/2006

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	72	572	1.886	Bot-10	✓ 285			✓	✓									
2	73	364	1.868	250	✓	✓												
3	74	657	1.923	200	✓	✓												
4	75	708	2.173	175	✓													
5	76	709	2.939	150	✓													
6	77	715	3.901	125	✓													
7	78	727	4.853	100	✓													
8	79	1105	5.455	75	✓													
9	80	1110	6.120	50	✓													
10	81	1130	6.283	25	✓													
11	82	1126	6.389	10	✓													
12	83	1128	6.748	5	✓	✓						✓						
13																		
14																		
15																		
16																		
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19																		
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22																		
23																		
24																		

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 298

Cast # down: 15

Cast # up: 15

Time	LOC	UTC
Begin:		0553
Bottom:		0556
End:	2215	0615

START POSITION (GPS)

LAT: 51 38 922

LONG: 127 26 759

BOTTOM POSITION (GPS)

LAT: 51 38 930

LONG: 127 26 736

END POSITION (GPS)

LAT: 51 38 969

LONG: 127 26 705

Comments: oxygen Nutrients Blue Box ORANGE RACK plus glass in freezer

bgm 2001 rosette.xls

ROSETTE LOG

MISSION ID: 2006-08 STATION: M2 CAST NUMBER: 17 UTC DATE (dd/mm/yyyy): 03/02/2006

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	85	1480	3.272	Bot-10	- 163			✓	✓									
2	86	1479	5.475	125	✓ 125	✓		✓	✓									
3	87	1481	5.790	100	- 99	✓		✓	✓									
4	88	1482	6.052	75	- 75			✓	✓									
5	89	1483	5.982	50	✓			✓	✓									
6	90	1484	6.651	25	✓			✓	✓									
7	91	1485	6.744	10	✓			✓	✓									
8	92	1342	6.762	5		✓		✓	✓			✓						
9																		
10																		
11																		
12																		
13																		
14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: Nut - light Blue Rock
Oxy - Red Box

SHIP: J.P. TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 170

Cast # down: 17
Cast # up: 17

Time	LOC	UTC
Begin:		1146
Bottom:		1157
End:		1201

START POSITION (GPS)
LAT: 51 46 46
LONG: 127 53 21

BOTTOM POSITION (GPS)
LAT: 51 46 52
LONG: 127 53 20

END POSITION (GPS)
LAT: 51 46 63
LONG: 127 53 28

ROSETTE LOG

MISSION ID: 2006-08 STATION: M3 CAST NUMBER: 18 UTC DATE (dd/mm/yyyy): 03/02/2006

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	93	1346	2.668	Bot-10	✓ 320			✓	✓									
2	94	1347	2.617	350	✓ 320	✓		✓	✓									
3	95	1349	2.618	300	✓	✓		✓	✓									
4	96	1351	2.833	250	✓													
5	97	1353	3.072	200	✓			✓	✓									
6	98	1354	3.105	175	✓													
7	99	1356	3.667	150	✓													
8	100	1358	5.262	125	✓													
9	101	1360	5.680	100	✓													
10	102	1361	5.912	75	✓													
11	103	1362	5.823	50	✓													
12	104	1364	6.355	30	✓													
13	105	1368	6.636	20	✓													
14	106	1363	6.712	10	✓													
15	107	1367	6.721	5	✓	✓		✓	✓			✓						
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: OXY- GREEN BOX
NUTS- LABELED

SHIP: TULLY
ENTERED BY: DA
CHECKED BY:

Bottom Depth:

Cast # down: 18
Cast # up:

Time	LOC	UTC
Begin:		1225
Bottom:		1230
End:		1249

START POSITION (GPS)
LAT: 51 46 29
LONG: 127 54 62

BOTTOM POSITION (GPS)
LAT: 51 46 26
LONG: 127 54 65

END POSITION (GPS)
LAT: 51 46 22
LONG: 127 54 66

ROSETTE LOG

MISSION ID: 2006-08

STATION: M 4

CAST NUMBER: 19

UTC DATE (dd/mm/yyyy):

03/02/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3				
1	108	1327	2.600	B-10	✓ 420			✓	✓							
2	109	1329	2.543	400	✓	✓		✓								
3	110	1417	2.629	350	✓	✓										
4	111	1421	2.652	300	✓											
5	112	1435	2.734	250	✓											
6	113	1438	2.965	200	✓											
7	114	1439	3.490	175	✓											
8	115	1440	4.302	150	✓			✓								
9	116	1441	5.030	125	✓											
10	117	1442	5.761	100	✓											
11	118	1443	6.463	75	✓											
12	119	1462	6.548	50	✓											
13	120	1445	6.484	25	✓											
14	121	1446	6.505	10	✓											
15	122	1447	6.503	5	✓	✓	✓	✓				✓				
16																
17																
18																
19																
20																
21																
22																
23																
24																

SHIP: TULLY

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth: 430

Cast # down: 19

Cast # up:

Time LOC UTC

Begin: 1332

Bottom: 1340

End: 1404

START POSITION (GPS)

LAT: 51 44 66

LONG: 128 00 22

BOTTOM POSITION (GPS)

LAT: 51 44 65

LONG: 128 00 22

END POSITION (GPS)

LAT: 51 44 68

LONG: 128 00 22

Comments:

OXY - BLACK BOX

NUTS - BROWN TRAY + LABELLED GLASS

ROSETTE LOG

MISSION ID: 2006-08 STATION: P2 CAST NUMBER: 23 UTC DATE (dd/mm/yyyy): 05/02/2006

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	126	1400	5.238	Bot-10	- 105	✓		✓										
2	127	1479	5.226	100	- 100	✓		✓				✓						
3	128	1481	5.390	75	- 73	✓						✓						
4	129	1482	5.379	75	- 74							✓						
5	130	1403	6.144	50	- 50							✓						CALLED 25m in FILE
6	131	1484	6.181	25	- 25							✓						
7	132	1485	6.164	10	- 10							✓						
8	133	1342	6.185	5	- 5	✓		✓				✓						
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: NUTS: LABELS
OXYGEN: RED BOX

SHIP: J.P. TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 114

Cast # down: 23
Cast # up: 23

Time	LOC	UTC
Begin:		2155
Bottom:		2158
End:		2206

START POSITION (GPS)
LAT: 48 35 99
LONG: 126 00 12

BOTTOM POSITION (GPS)
LAT: 48 36 00
LONG: 126 00 18

END POSITION (GPS)
LAT: 48 36 02
LONG: 126 00 27

ROSETTE LOG

DEEP CAST

MISSION ID: 2006-08 STATION: P4 CAST NUMBER: 26 UTC DATE (dd/mm/yyyy): 06/02/2006

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	135	1327	0.518	Bot-10	✓ 1290	✓	✓	✓		✓								
2	136	1329	0.415	1250	✓	✓												
3	137	1417	0.291	1000	✓	✓												
4	138	1421	0.310	800	✓	✓												
5	139	1435	0.453	600	✓													
6	140	1438	0.461	600	✓					✓								
7	141	1439	1.521	400	✓													
8	142	1440	1.800	300	✓													
9	143	1441	1.954	250	✓													
10	144	1442	2.249	200	✓													
11	145	1443	2.375	175	✓			✓										
12	146	1462	2.375	150	✓													
13	147	1445	2.757	125	✓													
14	148	1446	3.210	100	✓													
15	149	1447	5.991	75	✓													
16	150	1448	6.253	50	✓													
17	151	1449	6.264	25	✓													
18	152	1450	6.265	10	✓													
19	153	1451	6.339	5	✓	✓	✓	✓		✓								
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 1327

Cast # down: 26
Cast # up:

Time	LOC	UTC
Begin:		0222
Bottom:		0240
End:		0323

START POSITION (GPS)
LAT: 48 39 05
LONG: 126 40 03

BOTTOM POSITION (GPS)
LAT: 48 39 11
LONG: 126 39 83

END POSITION (GPS)
LAT: 48 39 14
LONG: 126 40 32

Comments: NUTS: LIGHT BLUE RACK
OXYGEN: BLACK BOX

ROSETTE LOG

DMS. CAST

MISSION ID: 2006-08

STATION: P4

CAST NUMBER: 28

UTC DATE (dd/mm/yyyy):

6/2/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13		DMS				
							OXY			ALK		CHL						
1	154			200	✓			✓						✓				
2	155			175	✓													
3	156			100	✓								✓					
4	157			75	✓													
5	158			50	✓													
6	159			40	✓													
7	160			30	✓													
8	161			25	✓													
9	162			20	✓													
10	163			15	✓													
11	164			10	✓			✓										
12	165			5	✓													
13	166			0	✓													
14																		
15																		
16																		
17																		
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21																		
22																		
23																		
24																		

Comments: NUTS: BLUE RACK

SHIP: J. P. TULLY

ENTERED BY: MR

CHECKED BY: MR

Bottom Depth: 1322

Cast # down: 28

Cast # up:

Time LOC UTC

Begin: 0409

Bottom: 0415

End: 0429

START POSITION (GPS)

LAT: 48 39 06

LONG: 126 40.02

BOTTOM POSITION (GPS)

LAT: 48 39.08

LONG: 126 39.98

END POSITION (GPS)

LAT: 48 39 13

LONG: 126 39 85

ROSETTE LOG

MISSION ID: 2006-08 STATION: P8 CAST NUMBER: 32 UTC DATE (dd/mm/yyyy): 6/2/2006

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	170	1480	1.356	2000	✓	✓	✓	✓										
2	171	1479	0.676	1500	✓	✓		✓										
3	172	1481	0.348	1250	✓	✓												
4	173	1482	0.233	1000	✓	✓												
5	174	1483	0.610	800	✓													
6	175	1484	0.615	600	✓													
7	176	1485	0.947	400	✓													
8	177	1342	2.156	300	✓													
9	178	1284	2.814	250	✓													
10	179	1295	3.980	200	✓													
11	180	1332	4.220	175	✓													
12	181	1465	4.300	175	✓													
13	182	1336	4.626	150	✓													
14	183	1476	4.748	125	✓													
15	184	1464	5.332	100	✓							✓						
16	185	1466	6.502	75	✓													
17	186	1335	6.519	50	✓													
18	187	1467	6.520	25	✓													
19	188	1468	6.521	10	✓													
20	189	1470	6.518	5	✓	✓	✓	✓				✓						
21																		
22																		
23																		
24																		

SHIP: Jap P TULLY
 ENTERED BY: MR
 CHECKED BY: MR

Bottom Depth: 2532

Cast # down: 32
 Cast # up: 32

Time	LOC	UTC
Begin:		1615
Bottom:		1645
End:		1725

START POSITION (GPS)
 LAT: 48 49 03
 LONG: 128 40 00

BOTTOM POSITION (GPS)
 LAT: 48 48 99
 LONG: 128 40 05

END POSITION (GPS)
 LAT: 48 48 97
 LONG: 128 40 28

Comments: OXYGEN: RED BOX NUTRIENTS: RED RACK

ROSETTE LOG

MISSION ID: 2006-08 STATION: P12 CAST NUMBER: 37 UTC DATE (dd/mm/yyyy): 07/02/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY		DMS		ALK		CHL					
1	193			200	✓ 200			✓	✓									
2	194			175	- 175													
3	195			100	- 100									✓				
4	196			75	- 73													
5	197			50	- 50													
6	198			40	- 40													
7	199			30	- 30													
8	200			25	- 25													
9	201			20	- 19													
10	202			15	- 15			✓										
11	203			10	- 10													
12	204			5	- 5													
13	205			0	- 3									✓				
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: NUTRIENTS: Brown rack

SHIP: J.P. TULLY
 ENTERED BY:
 CHECKED BY:

Bottom Depth: 3300?

Cast # down: 37
 Cast # up: 37

Time	LOC	UTC
Begin:		2024
Bottom:		2028
End:		2042

START POSITION (GPS)
 LAT: 48 57.99
 LONG: 130 40.18

BOTTOM POSITION (GPS)
 LAT: 48 57.99
 LONG: 130 40.20

END POSITION (GPS)
 LAT: 48 57.85
 LONG: 130 40.30

ROSETTE LOG

MISSION ID: 2006-08

STATION: P12

CAST NUMBER: 39

UTC DATE (dd/mm/yyyy):

7/2/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13				
1	206	1327	2.340	Bot-10	✓ 3003	✓	✓	✓		✓						
2	207	1329	2.264	3000	✓ 2997	✓										
3	208	1417	1.897	2500	✓ 2500	✓										
4	209	1421	1.404	2000	✓ 2001	✓										
5	210	1435	0.699	1500	✓ 1499					✓						
6	211	1438	0.677	1500	✓ 1500											
7	212	1439	0.410	1250	✓ 1250											
8	213	1440	0.270	1000	✓ 1000			✓								
9	214	1441	0.318	800	✓ 799											
10	215	1442	0.535	600	✓ 600											
11	216	1443	1.724	400	✓ 400											
12	217	1462	2.577	300	✓ 300											
13	218	1445	3.055	250	✓ 200											
14	219	1446	3.803	200	✓ 204											
15	220	1447	4.399	175	✓ 175											
16	221	1448	4.647	150	✓ 150											
17	222	1449	5.048	125	✓ 124											
18	223	1450	5.658	100	✓ 100											
19	224	1451	6.593	75	✓ 75											
20	225	1452	6.632	50	✓ 50											SAMP ^d is "22" in FILE
21	226	1453	6.648	25	✓ 25											
22	227	1454	6.641	10	✓ 10											
23	228	1456	6.651	5	✓ 5	✓	✓	✓		✓						
24																

Comments: OXYGEN: BLACK BOX

NUTRIENTS: ORANGE RACK

SHIP: J. P. TULLY

ENTERED BY: ML

CHECKED BY:

Bottom Depth: 3300? / 3015

Cast # down: 39

Cast # up: 39

Time LOC UTC

Begin: 21 17

Bottom: 22 02

End: 22 57

START POSITION (GPS)

LAT: 48 57 76

LONG: 130 40 41

BOTTOM POSITION (GPS)

LAT: 48 57 70

LONG: 130 40 73

END POSITION (GPS)

LAT: 48 57 61

LONG: 130 40 22

ROSETTE LOG

DEEP CAST

MISSION ID: 2006-08 STATION: P16 CAST NUMBER: 44 UTC DATE (dd/mm/yyyy): 9/2/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	230	1346	2.805	Bot-10	✓ 3676	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	231	1347	2.706	3500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	232	1349	2.387	3000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	233	1351	1.876	2500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	234	1353	1.286	2000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	235	1354	1.282	2000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
7	236	1356	0.585	1500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8	237	1358	0.312	1250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
9	238	1360	0.279	1000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
10	239	1361	0.336	800	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
11	240	1362	0.576	600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
12	241	1364	1.147	400	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
13	242	1368	1.704	300	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
14	243	1363	2.422	250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
15	244	1367	3.245	200	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
16	245	1371	3.850	175	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
17	246	1373	4.291	150	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
18	247	1375	4.563	125	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
19	248	1374	5.893	100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
20	249	1378	6.184	75	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
21	250	1376	6.665	50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
22	251	1380	6.681	25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
23	252	1379	6.680	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
24	253	1382	6.473	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Comments: NUTRIENTS: GREEN RACK OXYGEN GREEN BOX

SHIP: John P Tully

ENTERED BY: MR

CHECKED BY: MR

Bottom Depth: 3638

Cast # down: 44

Cast # up:

Time LOC UTC

Begin: 0534

Bottom: 0629

End: 0743

START POSITION (GPS)

LAT: 49°17.02

LONG: 134°40.09

BOTTOM POSITION (GPS)

LAT: 49°16.97

LONG: 134°40.01

END POSITION (GPS)

LAT: 49°16.99

LONG: 134°39.92

ROSETTE LOG

DMS CAST

MISSION ID: 2006-08 STATION: P16 CAST NUMBER: 46 UTC DATE (dd/mm/yyyy): 9/02/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY		DMS	ALK		CHL						
1	254			200	- 200			✓	✓									
2	255			175	- 175													
3	256			100	- 99							✓						
4	257			75	- 75													
5	258			50	- 48													
6	259			40	- 39													
7	260			30	- 30													
8	261			25	- 25													
9	262			20	- 20													
10	263			15	- 15													
11	264			10	- 10													
12	265			5	- 5			✓	✓									
13	266			0	- 2			✓	✓									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: JOHN P TULLY

ENTERED BY: MR

CHECKED BY:

Bottom Depth: 3664

Cast # down: 46

Cast # up: 46

Time	LOC	UTC
Begin:		0843
Bottom:		0848
End:		0900

START POSITION (GPS)

LAT: 49 16.99

LONG: 134 40.09

BOTTOM POSITION (GPS)

LAT: 49 16.98

LONG: 134 40.08

END POSITION (GPS)

LAT: 49 17 02

LONG: 134 39 01

Comments: NUTRIENTS: YELLOW RACK

SHALLOW DMS CAST

ROSETTE LOG

MISSION ID: 2006-08

STATION: P20

CAST NUMBER: 50

UTC DATE (dd/mm/yyyy):

10 02 2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
1	267			200	✓			✓	✓										
2	268			175	✓														
3	269			100	✓								✓						
4	270			75	✓														
5	271			50	✓														
6	272			40	✓														
7	273			30	✓														
8	274			25	✓														
9	275			20	✓														
10	276			15	✓														
11	277			10	✓														
12	278			5	✓														
13	279			0	✓														
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: JOHN P TULLY

ENTERED BY: DT

CHECKED BY: MK

Bottom Depth: 3965

Cast # down: 50

Cast # up:

Time LOC UTC

Begin: 1935

Bottom: 1941

End: 1956

START POSITION (GPS)

LAT: 49 34.03

LONG: 138 39.98

BOTTOM POSITION (GPS)

LAT: 49 34.03

LONG: 138 39.96

END POSITION (GPS)

LAT: 49 34.05

LONG: 138 39.96

Comments:

WHITE NUTRIENT RACK

ROSETTE LOG

MISSION ID: 2006-08STATION: P20CAST NUMBER: 52UTC DATE (dd/mm/yyyy): 10/2/2006

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	280	1327	3.150	B-10	4021	✓	✓	✓		✓						
2	281	1329	2.858	3500	3499	✓										
3	282	1417	2.490	3000	3001	✓										
4	283	1421	1.911	2500	2501	✓										
5	284	1435	1.275	2000	2000											
6	285	1438	1.279	2000	2001					✓						
7	286	1439	0.583	1500	1500											
8	287	1440	0.361	1250	1250											
9	288	1441	0.262	1000	1000											
10	289	1442	0.352	800	800											
11	290	1443	0.678	600	599											
12	291	1462	1.198	400	400											
13	292	1445	1.774	300	300											
14	293	1446	2.476	250	249			✓								
15	294	1447	3.518	200	201											
16	295	1448	4.396	175	174											
17	296	1449	5.393	150	150											
18	297	1450	6.514	125	121											
19	298	1451	6.890	100	101											
20	299	1452	6.875	75	74											
21	300	1453	6.892	50	50											
22	301	1454	6.857	25	24											
23	302	1456	6.889	10	10											
24	303	1457	6.885	5	4	✓	✓	✓		✓						

Comments:

RED NUTRIENT RACK / OXYGEN BLACK BOX

SHIP: JOHN P TULLYENTERED BY: DT

CHECKED BY:

Bottom Depth: 3964 4035Cast # down: 52Cast # up: 52

Time LOC UTC

Begin: 2039Bottom: 2129End: 2305

START POSITION (GPS)

LAT: 49 34 05LONG: 138 39 37

BOTTOM POSITION (GPS)

LAT: 49 33 99LONG: 138 38 87

END POSITION (GPS)

LAT: 49 33 56LONG: 138 38 61

ROSETTE LOG

A. DMS ① + UBC SHALLOW

MISSION ID: 2006-08 STATION: P26 CAST NUMBER: 54 UTC DATE (dd/mm/yyyy): 13/2/2006

				ROSETTE OPERATION		Samples taken												
Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
						OXY			DMS	ALK		CHL						
1	304			700	✓													UBC
2	305			700	✓													UBC
3	306			400	✓													UBC
4	307			400	✓													UBC
5	308			200	✓													UBC
6	309			200	✓													UBC
7	310			200	✓			✓	✓									
8	311			175	✓													
9	312			100	✓								✓					
10	313			75	✓													
11	314			50	✓													
12	315			40	✓													
13	316			30	✓													
14	317			25	✓													
15	318			20	✓													
16	319			15	✓													
17	320			10	✓													
18	321			5	✓													
19	322			0														
20																		
21																		
22																		
23																		
24																		

Comments: NUTS: GREEN RACK

SHIP: JOHN P TULLY
ENTERED BY: MR
CHECKED BY: MR

Bottom Depth: 4242

Cast # down: 54
Cast # up:

Time	LOC	UTC
Begin:		1606
Bottom:		1619
End:		1643

START POSITION (GPS)
LAT: 50 00.06
LONG: 145 00.06

BOTTOM POSITION (GPS)
LAT: 50 00.08
LONG: 145 00.62

END POSITION (GPS)
LAT: 50 00.00
LONG: 144 59.95

ROSETTE LOG

MISSION ID: 2006-08

STATION: B. P26

CAST NUMBER: 55

UTC DATE (dd/mm/yyyy): 13/02/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
1	323			Bot-10	✓	4314												
2	324			Bot-10	✓													
3	325			4000	✓													
4	326			4000	✓													
5	327			3700	✓													
6	328			3700	✓													
7	329			3400	✓													
8	330			3400	✓													
9	331			3100	✓													
10	332			3100	✓													
11	333			2800	✓													
12	334			2800	✓													
13	335			2500	✓													
14	336			2500	✓													
15	337			2200	✓													
16	338			2200	✓													
17	339			1900	✓													
18	340			1900	✓													
19	341			1600	✓													
20	342			1600	✓													
21	343			1300	✓													
22	344			1300	✓													
23	345			1000	✓													
24	346			1000	✓													

Comments:

SHIP: JOHN P TULLI
ENTERED BY: MR
CHECKED BY:

Bottom Depth: 4243

Cast # down: 55

Cast # up:

Time	LOC	UTC
Begin:		1726
Bottom:		1825
End:		1935

START POSITION (GPS)
LAT: 50 00 00
LONG: 145 00 09BOTTOM POSITION (GPS)
LAT: 50 00 05
LONG: 144 59 98END POSITION (GPS)
LAT: 50 00 04
LONG: 145 00 04

ROSETTE LOG

C. IOS DEEP

MISSION ID: 2006-08 STATION: P26 CAST NUMBER: 56 UTC DATE (dd/mm/yyyy): 13/02/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3		CA				
						OXY				ALK		CHL						
1	323	572	3.392	Bd-10	-	4315	✓	✓	✓	✓		✓		✓				
2	324	364	3.196	4000	-	4000	✓							✓				
3	325	657	2.968	3500	-	3500	✓											
4	326	708	2.497	3000	-	2999	✓							✓				
5	327	709	1.903	2500	-	2500												
6	328	715	1.274	2000	-	1999								✓				
7	329	727	0.588	1500	-	1499												
8	330	1105	0.409	1250	-	1247												
9	331	1110	0.391	1000	-	1000								✓				
10	332	1130	0.481	800	-	800												
11	333	1126	0.706	600	-	599								✓				
12	334	1128	0.967	400	-	402												
13	335	1134	1.628	300	-	300			✓									
14	336	1135	2.492	250	-	250												
15	337	1138	6.938	200	-	200												
16	338	1136	3.594	175	-	175												? UNUSUALLY Hi READING
17	339	1142	4.148	150	-	150												
18	340	1158	5.327	125	-	125												
19	341	1175	6.883	100	-	99								✓				
20	342	1176	6.915	75	✓	74												
21	343	1385	6.930	50	-	51								✓				ZEROED COLOROMETER (102.1%)
22	344	1389	6.908	25	-	25												
23	345	1386	6.936	10	-	10								✓				
24	346	1146	6.956	5	-	4	✓	✓	✓	✓		✓						

Comments: NUT: BLUE RACK OXYGEN: BLUE BOX

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 4327

Cast # down: 56
Cast # up: 56

Time	LOC	UTC
Begin:		2016
Bottom:		2117
End:		2225

START POSITION (GPS)
LAT: 50 00 35
LONG: 145 00 23

BOTTOM POSITION (GPS)
LAT: 50 00 29
LONG: 145 00 50

END POSITION (GPS)
LAT: 50 00 35
LONG: 145 00 73

ROSETTE LOG

MISSION ID: 2006-08 STATION: P26 CAST NUMBER: 58 UTC DATE (dd/mm/yyyy): 2006/2/13

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	347			200	197			✓	✓									
2	348			175	175			✓	✓									
3	349			100	100													
4	350			75	73													
5	351			50	49													
6	352			40	39													
7	353			30	29													
8	354			25	25													
9	355			20	20													
10	356			20 15	15 20													
11	357			15 10	10 15													
12	358			10 5	5 10													
13	359			5 0	0 5													
14	360			0	3													
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully
 ENTERED BY:
 CHECKED BY:

Bottom Depth: 4246

Cast # down: 58
 Cast # up: 58

Time	LOC	UTC
Begin:		2343
Bottom:		2347
End:		0000

START POSITION (GPS)
 LAT: 50 00 32
 LONG: 145 01 32

BOTTOM POSITION (GPS)
 LAT: 50 00 29
 LONG: 145 01 35

END POSITION (GPS)
 LAT: 50 00 33
 LONG: 145 01 43

Comments: NUTRIENTS: LIGHT BLUE

ROSETTE LOG

MISSION ID: 2006-08 STATION: Argo 2 CAST NUMBER: 59 UTC DATE (dd/mm/yyyy): 15/02/2006

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	360			2000		✓				✓/✓								
2	361			"						✓/✓								
3	362			"						✓/✓								
4	363			"						✓/✓								
5	364			2000						✓/✓								
6	365			"														
7	366			"														
8	367			"														
9	368			2000														
10	369			"														
11	370			"														
12	371			"														
13	372			2000														
14	373			"														
15	374			"														
16	375			"														
17	376			2000														
18	377			"														
19	378			"														
20	379			"														
21	380			2000														
22	381			"														
23	382			"														
24	383			2000		✓												

SHIP: Tully
ENTERED BY: MR
CHECKED BY: DA/MR

Bottom Depth: 3540

Cast # down: 39
Cast # up: 39

Time	LOC	UTC
Begin:		1130
Bottom:		1157
End:		1220

START POSITION (GPS)
LAT: 55.30.01
LONG: 140.59.97

BOTTOM POSITION (GPS)
LAT: 55.29.99
LONG: 141.00.02

END POSITION (GPS)
LAT: 55.30.00
LONG: 140.59.99

ROSETTE LOG

MISSION ID: 2006-08 STATION: Argo 3 CAST NUMBER: 61 UTC DATE (dd/mm/yyyy): 16/2/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	384	1327	1.440	2000	✓ 2005	✓	✓	✓										
2	385	1329	0.694	1500	✓ 1500	✓	✓	✓										
3	386	1417	0.451	1200	✓	✓	✓	✓										
4	387	1421	0.390	1000	✓	✓	✓	✓										
5	388	1435	0.399	800	✓			✓										
6	389	1438	0.479	600	✓													
7	390	1439	0.744	400	✓													
8	391	1440	1.066	300	✓													
9	392	1441	1.522	250	✓													
10	393	1442	2.235	200	✓													
11	394	1443	2.895	175	✓													
12	395	1462	3.809	150	✓													CALLED SAMPLE #1444
13	396	1445	6.692	125	✓													
14	397	1446	6.828	100	✓													
15	398	1447	6.841	100	✓													
16	399	1448	6.820	75	✓													
17	400	1449	6.857	50	✓													
18	401	1450	6.848	25	✓													
19	402	1451	6.878	10														
20	403	1452	6.970	5		✓	✓	✓				✓						
21																		
22																		
23																		
24																		

SHIP: J.P. TULLY
 ENTERED BY: MK
 CHECKED BY: H.M.

Bottom Depth: 3141

Cast # down: 61

Cast # up:

Time	LOC	UTC
Begin:		<u>0158</u>
Bottom:		<u>0228</u>
End:		<u>0314</u>

START POSITION (GPS)
 LAT: 57 30 03
 LONG: 138 59 80

BOTTOM POSITION (GPS)
 LAT: 57 29 93
 LONG: 139 00 14

END POSITION (GPS)
 LAT: 57 29 91
 LONG: 139 00 09

Comments:

ORANGE Nutrient RACK

OXYGEN BLACK BOX

ROSETTE LOG

UBC CAST

MISSION ID: 2006-08 STATION: SI03 CAST NUMBER: 63 UTC DATE (dd/mm/yyyy): 19/02/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1				215	✓ 215													
2				215	✓													
3				215	✓													
4				195	✓													
5				180	✓													
6				165	✓													
7				150	✓													
8				135	✓													
9				125	✓													
10				125	✓													
11				125	✓													
12				112	✓													
13				100	✓													NO GOOY/DIDN'T TRIGGER
14				100	✓													
15				100	✓													
16				90	✓													
17				80	✓													
18				70	✓													
19				55	✓													
20				40	✓													
21				25	✓													
22				10														
23				10														
24				10														

SHIP: JOHN P TULLY
ENTERED BY: MR
CHECKED BY:

Bottom Depth:

Cast # down: 63
Cast # up:

Time	LOC	UTC
Begin:		1316
Bottom:		1320
End:		1341

START POSITION (GPS)
LAT: 48 35 59
LONG: 123 30 04

BOTTOM POSITION (GPS)
LAT: 48 35 59
LONG: 123 30 05

END POSITION (GPS)
LAT: 48 35 62
LONG: 123 30 05

Comments: