

ROSETTE LOG

MISSION ID: 2606-24 STATION: S103 CAST NUMBER: 1 UTC DATE (dd/mm/yyyy): 22/07/2006

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			200	✓													
2	2			200	✓													
3	3	1346	0.000	200	✓			✓										
4	4	1347	0.000	180	✓			✓										
5	5	1349	0.000	165	✓			✓										
6	6	1351	0.000	150	✓			✓										
7	7	1353	0.000	135	✓			✓										
8	8	1354	0.571	120	✓			✓										
9	9			120	✓													
10	10			120	✓													
11	11	1356	0.893	110	✓			✓										
12	12	1358	0.915	105	✓			✓										
13	13			105	✓													
14	14			105	✓													
15	15	1362	1.238	97	✓			✓										
16	16	1360	1.188	90	✓			✓										
17	17	1361	0.963	85	✓			✓										
18	18	1364	0.914	75	✓			✓										
19	19	1368	3.395	50	✓			✓										
20	20	1363	4.400	25	✓			✓										
21	21	1371	5.646	10				✓										
22	22			10														
23	23			10														
24	24	1461	7.720	5				✓										

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 224

Cast # down: 1

Cast # up: 1

TimeLOCUTC

Begin:1706

Bottom:1710

End:1732

START POSITION (GPS)

LAT: 48 35 57

LONG: 123 30 02

BOTTOM POSITION (GPS)

LAT: 48 35 57

LONG: 123 30 03

END POSITION (GPS)

LAT: 48 35 52

LONG: 123 30 08

ROSETTE LOG

MISSION ID: 2006-24 STATION: MYI CAST NUMBER: 2 UTC DATE (dd/mm/yyyy): 25/07/2006

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	25	1394	1.634	801-10	- 2101													
2	26	1393	1.484	2000	- 2000													
3	27	657	1.062	1750	- 1750													
4	28	708	0.714	1500	- 1500													
5	29	709	0.415	1250	- 1250													
6	30	715	0.247	1000	- 1002													
7	31	1486	0.206	800	- 800													
8	32	1105	0.533	600	- 600													
9	33	1110	0.881	500	- 498													
10	34	1130	1.337	400	- 399													
11	35	1126	2.346	300	- 300													
12	36	1134	3.006	250	- 250													
13	37	1158	3.192	200	- 200													
14	38	1142	3.040	175	- 175													
15	39	1136	3.515	150	- 149													Changed colorimeter probe.
16	40	1138	3.771	125	- 125													
17	41	1135	4.438	100	- 100													
18	42	1128	6.039	75	- 74													
19	43	1146	7.124	50	- 50													
20	44	1386	6.448	30	- 30													
21	45	1389	5.898	20	- 20													
22	46	1176	5.893	10	- 10													
23	47	1175	5.879	0														
24																		

Comments:

SHIP: TULLY

ENTERED BY: DA

CHECKED BY:

Bottom Depth: 2105

Cast # down: 2

Cast # up: 2

Time	LOC	UTC
Begin:		1441
Bottom:		1511
End:		1559

START POSITION (GPS)

LAT: 47 57 01

LONG: 129 05 98

BOTTOM POSITION (GPS)

LAT: 47 57 01

LONG: 129 06 02

END POSITION (GPS)

LAT: 47 56 99

LONG: 129 05 97

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFF16 CAST NUMBER: 4 UTC DATE (dd/mm/yyyy): 27/07/2006

ROSETTE OPERATION		Samples taken													
Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
		OXY				ALK		CHL							

1	48	1327	2.490	Bot-10	✓	103									
2	49	1329	2.520	75	-	73									
3	50	1417	2.949	50	-	48									
4	51	1421	4.162	30	-	29									
5	52	1460	4.846	20	-	19									
6	53	1438	5.750	10	-	10	✓								
7	54	1439	6.441	0	-	1.2									
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

SHIP: TULLY

ENTERED BY:

CHECKED BY:

Bottom Depth: 112

Cast # down: 4

Cast # up: 4

Time	LOC	UTC
Begin:		8
Bottom:		0240
End:		0254

START POSITION (GPS)

LAT: 48 47 66

LONG: 125 15 99

BOTTOM POSITION (GPS)

LAT: 48 47 66

LONG: 125 15 98

END POSITION (GPS)

LAT: 48 47 83

LONG: 125 15 99

Comments:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFR13 CAST NUMBER: 7 UTC DATE (dd/mm/yyyy): 27/07/2006

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	55	1347	2.176	96	Bot-5													
2	56	1346	2.164	75	75													
3	57	1349	2.968	50	50													
4	58	1351	3.490	30	30													
5	59	1353	4.235	20	20													
6	60	1354	6.536	10	10													poorly defined end point
7	61	1358	2.928	2	0													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: TOLLY

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down: 7

Cast # up: 7

Time

LOC

UTC

Begin: 1446

Bottom: 1443

End: 1453

START POSITION (GPS)

LAT: 48 56 47

LONG: 125 10 77

BOTTOM POSITION (GPS)

LAT: 48 56 46

LONG: 125 10 76

END POSITION (GPS)

LAT: 48 56 45

LONG: 125 10 79

Comments:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFF12 CAST NUMBER: 8 UTC DATE (dd/mm/yyyy): 27/07/2006

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	62	1356	2.113	Bot-5	-	85												
2	63	1362	2.272	75	-	75												
3	64	1360	2.974	50	-	50												
4	65	1364	3.515	30	-	30												
5	66	1361	4.078	20	-	20												
6	67	1368	4.844	10	-	10												
7	68	1363	7.575	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: 92

Cast # down: 8

Cast # up: 8

TimeLOCUTC

Begin:1516

Bottom:1518

End:1526

START POSITION (GPS)

LAT: 48 58 00

LONG: 125 10 47

BOTTOM POSITION (GPS)

LAT: 48 57 99

LONG: 125 10 47

END POSITION (GPS)

LAT: 48 58 00

LONG: 125 10 48

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFF11 CAST NUMBER: 9 UTC DATE (dd/mm/yyyy): 27/07/2006

ROSETTE OPERATION		Samples taken													
Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
		OXY				ALK		CHL							

1	69	1371	2.173	Bot-5	83										
2	70	1461	3.250	50	50										
3	71	1367	3.804	30	30										
4	72	1434	4.234	20	20										
5	73	1373	5.329	10	10										
6	74	1378	7.387	0	✓										
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 90

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:	1546	
Bottom:	1549	
End:	1555	

START POSITION (GPS)

LAT: 48°59.120

LONG: 125 11 09

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 2006-27 STATION: EFF10 CAST NUMBER: 10 UTC DATE (dd/mm/yyyy): 27/07/2006

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	75	1376	2.019	85	88													
2	76	1380	2.381	75	75													
3	77	1382	2.888	50	50													
4	78	1375	4.131	30	30													
5	79	1326	4.496	20	20													
6	80	1374	4.737	10	10													
7	81	1366	7.857	0	1.6m													poorly defined endpoint
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 91

Cast # down: 10

Cast # up:

Time	LOC	UTC
Begin:	16.1	1613
Bottom:		1618
End:		

START POSITION (GPS)

LAT: 48.59.863

LONG: 125° 11.240

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFFF09 CAST NUMBER: 11 UTC DATE (dd/mm/yyyy): 27/07/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	82	1327	3.007	15	30													
2	83	1329	3.747	30	30													
3	84	1417	4.293	20	20													
4	85	1421	5.229	10	10													
5	86	1460	7.471	0	1.4													
6																		
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: 55

Cast # down: 11
Cast # up:

Time	LOC	UTC
Begin:		1636
Bottom:		1639
End:		1643

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 00 . 12
LONG: 125 10 . 86

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFF08 CAST NUMBER: 12 UTC DATE (dd/mm/yyyy): 27/07/2006

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	87	1438	2.387	13-5	80											
2	88	1439	2.391	75	75											
3	89	1440	2.774	50	50											
4	90	1441	3.580	30	30											
5	91	1442	4.487	20	20											
6	92	1443	5.937	10	10											
7	93	1462	7.516	0	1.5m											
8																
9																
10																
11																
12																
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14																
15																
16																
17																
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21																
22																
23																
24																

Comments:

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 85

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1706
Bottom:		1708
End:		1715

START POSITION (GPS)

LAT: 49 0.635

LONG: 125 10.289

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFF07 CAST NUMBER: 13 UTC DATE (dd/mm/yyyy): 27/07/2006

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	94	1445	2.274	B-5	115													
2	95	1447	2.397	75	75													
3	96	1448	2.896	50	50													
4	97	1449	3.659	30	30													
5	98	1450	4.279	20	20													
6	99	1451	6.140	10	10													
7	100	1452	7.138	0	1.3 m													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 121

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1736
Bottom:		1739
End:		1747

START POSITION (GPS)

LAT: 49° 01.301

LONG: 125° 09.395

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFF06 CAST NUMBER: 14 UTC DATE (dd/mm/yyyy): 27/07/2006

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	101	1188	1.931	B-5	150													
2	102	1256	2.219	125	125													
3	103	1267	2.318	100	100													
4	104	1268	2.379	75	75													
5	105	1272	2.822	50	50													
6	106	1273	3.532	30	30													
7	107	1274	4.135	20	20													
8	108	1276	6.488	10	10													
9	109	1278	7.828	0	1.0													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 154

Cast # down: 14

Cast # up:

Time	LOC	UTC
Begin:		1757
Bottom:		1801
End:		1811

START POSITION (GPS)

LAT: 49° 01.811

LONG: 125° 04.137

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFT05 CAST NUMBER: 15 UTC DATE (dd/mm/yyyy): 27/07/2006

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	110	1300	0.000	135	195													ANOXIC SMELL
2	111	1301	0.000	175	185													
3	112	1302	0.029	150	175													
4	113	1305	0.778	125	160													
5	114	1306	0.992	100	150													
6	115	1307	2.208	75	100													
7	116	1309	2.823	50	50													
8	117	1310	3.602	30	30													
9	118	1311	4.079	20	20													
10	119	1313	5.446	10	10													
11	120	1314	6.966	0	2													
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 202

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1824
Bottom:		1829
End:		1840

START POSITION (GPS)

LAT: 49 2.519

LONG: 125 9.181

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: E1701 CAST NUMBER: 16 UTC DATE (dd/mm/yyyy): 27/07/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	121	1315	1.816	13.5	33													
2	122	1317	1.946	20	20													
3	123	1318	5.346	10	10													
4	124	1319	6.922	0	1.4													
5																		
6																		
7																		
8																		
9																		
10																		
11																		
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22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY: DS

CHECKED BY: /

Bottom Depth: 38

Cast # down: 16

Cast # up: 16

TimeLOCUTC

Begin:1952

Bottom:

End:2000

START POSITION (GPS)

LAT:49° 5.513

LONG:125° 11.633

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 7006-24 STATION: FFA02 CAST NUMBER: 17 UTC DATE (dd/mm/yyyy): 27/07/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	125	1394	2.181	B-6	65													
2	126	1393	2.150	50	50													
3	127	708	2.522	30	30													
4	128	657	3.247	20	20													
5	129	715	6.915	10	10													
6	130	709	8.045	0	1-4													
7																		
8																		
9																		
10																		
11																		
12																		
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22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 71

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2018
Bottom:		
End:		2028

START POSITION (GPS)
LAT: 49° 5.513
LONG: 125° 10.330

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFF03 CAST NUMBER: 18 UTC DATE (dd/mm/yyyy): 27/07/2006

				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	131	1486	0.000	B-5	116													ANOMAL SHELL
2	132	1105	0.000	100	100													
3	133	1130	1.905	75	75													
4	134	1110	2.467	50	50													
5	135	1134	3.389	30	30													
6	136	1126	4.037	20	20													
7	137	1142	6.498	10	10													
8	138	1158	7.736	0														
9																		
10																		
11																		
12																		
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22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 122

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		2047
Bottom:		2051
End:		2101

START POSITION (GPS)

LAT: 49° 4.252

LONG: 125° 9.395

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: EFF04 CAST NUMBER: 19 UTC DATE (dd/mm/yyyy): 27/07/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	139	1136	2.430	B-5														
2	140	1138	2.938	30	50													
3	141	1135	3.673	30	30													
4	142	1128	4.465	20	20													
5	143	1146	6.414	10	10													
6	144	1386	7.902	0	1.4													
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 82

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2117
Bottom:		
End:		

START POSITION (GPS)
LAT: 49°3.090'
LONG: 125°8.616'

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2006-24 STATION: KB3 CAST NUMBER: 24 UTC DATE (dd/mm/yyyy): 29/07/2006

				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	148			Bot-5	- 215														
2	149			200	- 200														
3	150			175	- 175														
4	151			150	- 150														
5	152			125	- 125														
6	153			100	- 100														
7	154			75	- 75														
8	155			50	- 50														
9	156			30	- 30														
10	157			20	- 20														
11	158			10	- 10														
12	159			0	- 2														
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: TULLY

ENTERED BY:

CHECKED BY:

Bottom Depth: 227

Cast # down: 24

Cast # up: 24

Time	LOC	UTC
Begin:		1445
Bottom:		1449
End:		1501

START POSITION (GPS)

LAT: 48 35 62

LONG: 123 29 99

BOTTOM POSITION (GPS)

LAT: 48 35 61

LONG: 123 29 99

END POSITION (GPS)

LAT: 48 35 61

LONG: 123 29 98

Comments:

ROSETTE LOG

MISSION ID: 2006-24 STATION: KB3 CAST NUMBER: 24 UTC DATE (dd/mm/yyyy): 29/07/2006

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	148	1327	0.000	Bot-5	-	215												CALLED #100 FL#1452
2	149	1329	0.000	200	-	200												
3	150	1417	0.000	175	-	175												
4	151	1421	0.000	150	-	150												
5	152	1460	0.249	125	-	125												
6	153	1438	0.604	100	-	100												
7	154	1439	1.459	75	-	75												
8	155	1440	2.958	50	-	50												
9	156	1441	4.102	30	-	30												
10	157	1442	4.903	20	-	20												
11	158	1443	5.799	10	-	10												
12	159	1462	6.247	0	-	2												
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 227

Cast # down: 224
Cast # up: 224

Time	LOC	UTC
Begin:		1445
Bottom:		1449
End:		1501

START POSITION (GPS)
LAT: 48 35 62
LONG: 123 29 99

BOTTOM POSITION (GPS)
LAT: 48 35 61
LONG: 123 29 99

END POSITION (GPS)
LAT: 48 35 61
LONG: 123 29 98