

ROSETTE LOG

#5 1-8

MISSION ID: 2003-08

STATION: NS-0

CAST NUMBER: 007

UTC DATE (dd/mm/yyyy): 04/04/2003

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	534	6.943	Bot-5	✓ 80		✓	✓										
2	2	535	6.414	75	✓		✓	✓										
3	3	364	6.394	50	✓		✓	✓										
4	4	572	6.320	30	✓		✓	✓										
5	5	657	6.310	20	✓		✓	✓										
6	6	707	6.424	10	✓		✓	✓										
7	7	708	6.431	5	✓		✓	✓										
8	8	709	6.400	0	✓		✓	✓										
9																		
10																		
11																		
12																		
13																		
14																		
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16																		
17																		
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19																		
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22																		
23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth: 87

Cast # down: 007

Cast # up:

TimeLOCUTC

Begin: 2005

Bottom: 2007

End: 2015

START POSITION (GPS)

LAT: 51 05 51

LONG: 127 28 59

BOTTOM POSITION (GPS)

LAT: 51 05 51

LONG: 127 28 58

END POSITION (GPS)

LAT: 51 05 53

LONG: 127 28 56

ROSETTE LOG

9 - 16

MISSION ID: 2003-08

STATION: SEPI

CAST NUMBER: 009

UTC DATE (dd/mm/yyyy): 04/04/2003

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	9	1126	6.342	B-5	✓ 96		✓	✓										
2	10	1128	6.336	70	✓		✓	✓										
3	11	1130	6.385	75	✓		✓	✓										
4	12	1134	6.299	50	✓		✓	✓										
5	13	1135	6.286	30	✓		✓	✓										
6	14	1136	6.226	20	✓		✓	✓										
7	15	1137	6.283	10	✓		✓	✓										
8	16	1138	6.437	0	✓		✓	✓										
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
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19																		
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22																		
23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth: 102

Cast # down: 009

Cast # up:

TimeLOCUTC

Begin: 2059

Bottom: 2102

End: 2110

START POSITION (GPS)

LAT: 51 04 51

LONG: 127 26 30

BOTTOM POSITION (GPS)

LAT: 51 04 51

LONG: 127 26 52

END POSITION (GPS)

LAT: 51 04 49

LONG: 127 26 39

ROSETTE LOG

MISSION ID: 2003-08

STATION: SE02

CAST NUMBER: 011

UTC DATE (dd/mm/yyyy): 04/04/2003

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	916	1206	6.303	90	✓ 90		✓	✓										
2	17	1269	6.351	80	✓ 80		✓	✓										
3	18	1212	6.358	75	✓ 75		✓	✓										
4	19	1216	6.320	50	✓ 50		✓	✓										
5	20	1222	6.008	30	✓ 30		✓	✓										
6	21	1223	6.119	20	✓ 20		✓	✓										
7	22	1224	6.274	10	✓ 10		✓	✓										
8	23	1225	6.546	0	✓ ✓		✓	✓										
9																		
10																		
11																		
12																		
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23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth: 98

Cast # down: 011

Cast # up:

Time	LOC	UTC
Begin:	2147	
Bottom:	2150	
End:	2159	

START POSITION (GPS)

LAT: 51 03 51

LONG: 127 23 52

BOTTOM POSITION (GPS)

LAT: 51 03.516

LONG: 127 23.534

END POSITION (GPS)

LAT: 51 03.500

LONG: 127 23.651

ROSETTE LOG

#24-30

MISSION ID: 2003-08

STATION: SE02A

CAST NUMBER: 012

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		C13					
							OXY				ALK		CHL					
1	24	1228	5.956	RM-5	✓ 68		✓		✓									
2	25	1231	5.886	40	✓ 40		✓		✓									
3	26	1233	5.880	40	✓ 40				✓									
4	27	1235	5.887	30	✓ 30				✓									
5	28	1248	6.037	20	✓ 20				✓									
6	29	1256	6.256	10	✓ 10				✓									
7	30	1237	6.937	0	✓ 0				✓									
8																		
9																		
10																		
11																		
12																		
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23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth: 72

Cast # down: 012

Cast # up:

TimeLOCUTC

Begin: 2228

Bottom: 2231

End: 2239

START POSITION (GPS)

LAT: 5102.303

LONG: 12720.040

BOTTOM POSITION (GPS)

LAT: 5102.296

LONG: 12720.069

END POSITION (GPS)

LAT: 5102.290

LONG: 12720.147

ROSETTE LOG

MISSION ID: 2003-08STATION: SFO3CAST NUMBER: 0013

UTC DATE (dd/mm/yyyy):

#31-47
04/04/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	31	1238	3.189	440	✓ 436			✓	✓									
2	32	1241	3.106	425	✓ 425			✓	✓									
3	33	1247	3.119	400	✓ 400			✓	✓									
4	34	1258	3.336	350	✓ 350			✓	✓									
5	35	1260	3.517	300	✓ 300			✓	✓									
6	36	1267	3.394	250	✓ 250			✓	✓									
7	37	1268	3.201	225	✓ 225			✓	✓									
8	38	1270	3.448	200	✓ 200			✓	✓									
9	39	1271	3.605	175	✓ 175			✓	✓									
10	40	1272	4.050	150	✓ 150			✓	✓									
11	41	1273	4.650	125	✓ 125			✓	✓									
12	42	1274	4.738	100	✓ 100			✓	✓									
13	43	1276	5.644	75	✓ 75			✓	✓									
14	44	1277	6.030	50	✓ 50			✓	✓									
15	45	1278	5.995	30	✓ 30			✓	✓									
16	46	1382	6.034	10	✓ 10			✓	✓									
17	47	1383	6.724	0	✓			✓	✓									
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 451

Cast # down:

Cast # up:

Time LOC UTC

Begin: 2311Bottom: 2321

End:

START POSITION (GPS)

LAT: 51 02.869LONG: 127 15.489

BOTTOM POSITION (GPS)

LAT: 51 02.896LONG: 127 15.516

END POSITION (GPS)

LAT: 51LONG: 127

ROSETTE LOG

MISSION ID: 2000-08 STATION: 8504 CAST NUMBER: 015 UTC DATE (dd/mm/yyyy): 05/04/2003

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	48	1384	3.046	B-5	✓ 540		✓											
2	49	1385	3.093	500	✓ 500		✓											
3	50	1386	3.288	450	✓ 450		✓											
4	51	1397	3.153	400	✓ 400		✓											
5	52	1388	3.352	350	✓ 350		✓											
6	53	1399	3.187	300	✓ 300		✓											
7	54	1391	3.103	250	✓ 250		✓											
8	55	1393	2.987	225	✓ 225		✓											
9	56	1394	2.931	200	✓ 200		✓											
10	57	1397	2.887	175	✓ 175		✓											
11	58	1398	3.144	150	✓ 150		✓											
12	59	1399	3.489	125	✓ 125		✓											
13	60	1400	4.286	100	✓ 100		✓											
14	61	1402	4.673	75	✓ 95		✓											
15	62	1403	5.617	50	✓ 50		✓											
16	63	1404	5.905	30	✓ 30		✓											
17	64	1405	5.779	10	✓ 10		✓											
18	65	1406	6.838	0	✓ 0		✓											
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 540 m

Cast # down: 0047 Apt. 5/03
Cast # up:

Time	LOC	UTC
Begin:	1647	0047
Bottom:		0059
End:		0122

START POSITION (GPS)
LAT: 51 03.134
LONG: 127 08.040

BOTTOM POSITION (GPS)
LAT: 51 03.057
LONG: 127 08.089

END POSITION (GPS)
LAT: 51 03.003
LONG: 127 08.189

ROSETTE LOG

MISSION ID: 2003-08STATION: SE05CAST NUMBER: 016

UTC DATE (dd/mm/yyyy):

05/04/2003

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	66	534	3.033	Bot-5	✓ 610		✓											
2	67			550	✓ 550		✓											
3	68	364	3.176	500	✓ 500		✓											
4	69	572	3.112	450	✓ 450		✓											
5	70	657	3.168	400	✓ 400		✓											
6	71	767	3.172	350	✓ 350		✓											
7	72	708	3.262	300	✓ 300		✓											
8	73	709	3.036	250	✓ 250		✓											
9	74	715	2.920	225	✓ 225		✓											
10	75	727	2.897	200	✓ 200		✓											
11	76	1105	2.940	175	✓ 175		✓											
12	77	1110	2.936	150	✓ 150		✓											
13	78	1126	3.292	125	✓ 125		✓											
14	79	1128	4.165	100	✓ 100		✓											
15	80	1130	4.733	75	✓ 75		✓											
16	81	1134	4.801	50	✓ 50		✓											
17	82	1135	6.032	30	✓ 30		✓											
18	83	1136	5.969	20	✓ 20		✓											
19	84	1137	5.607	10	✓ 10		✓											
20	85	1138	6.564	0	✓ 0		✓											
21																		
22																		
23																		
24																		

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 616 m

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0214Bottom: 0225End: 0249

START POSITION (GPS)

LAT: 51 04.305LONG: 127 00.714

BOTTOM POSITION (GPS)

LAT: 51 04.305LONG: 127 00.811

END POSITION (GPS)

LAT: 51 04.389LONG: 127 00.912

Comments:

ROSETTE LOG

MISSION ID: 2003 08 STATION: Se06 CAST NUMBER: 018 UTC DATE (dd/mm/yyyy): 05/04/2003

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	86	1206	3.001	13.5	✓ 532		✓											
2	87	1209	3.107	500	✓ 450		✓											
3	88	1212	3.127	450	✓ 400		✓											
4	89	1216	3.127	400	✓ 350		✓											
5	90	1222	3.120	350	✓ 300		✓											
6	91	1223	2.984	300	✓ 250		✓											
7	92	1224	2.953	250	✓ 225		✓											
8	93	1225	2.963	225	✓ 200		✓											
9	94	1228	2.939	200	✓ 175		✓											
10	95	1231	2.988	175	✓ 150		✓											
11	96	1233	3.236	150	✓ 125		✓											
12	97	1235	3.453	125	✓ 100		✓											
13	98	1237	4.169	100	✓ 75		✓											
14	99	1248	4.747	75	✓ 50		✓											
15	100	1256	5.716	50	✓ 30		✓											
16	101	1238	filled	30	✓ 20		✓											
17	102	1241	5.533	20	✓ 10		✓											
18	103	1247	6.427	10	✓ 10		✓											
19	104			0	✓		✓											
20																		
21																		
22																		
23																		
24																		

DID NOT FIRE 1st time

ONLY 18 bottles NOT USED

SHIP: Vector

ENTERED BY:

CHECKED BY:

Bottom Depth: 538m

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0431
Bottom:		0441
End:		

START POSITION (GPS)

LAT: 51 04.285

LONG: 126 52.421

BOTTOM POSITION (GPS)

LAT: 51 04.247

LONG: 126 52.418

END POSITION (GPS)

LAT: 51 04

LONG: 126 52

Comments: * LANYARD REPLACED ON BOTTLE #2 ON PREVIOUS CAST
#2 DID NOT OPEN AT PLANNED depth. Opened at 450 m instead of 500 m
Depth of 2ND BOTTLE VERIFIED BY REALTIME PLOT.

ROSETTE LOG

MISSION ID: 2003-08STATION: SE 7CAST NUMBER: 020

UTC DATE (dd/mm/yyyy):

05/04/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
1	105	1382	2.928	Bot 5	✓ 255		✓	✓											
2	106	1383	failed	250	✓ 250		✓												
3	107	1384	2.936	225	✓ 225		✓												
4	108	1385	failed	200	✓ 200		✓												
5	109	1386	2.927	175	✓ 175		✓												
6	110	1387	2.977	150	✓ 150		✓												
7	111	1388	3.033	125	✓ 125		✓												
8	112	1389	3.329	100	✓ 100		✓												
9	113	1391	3.869	75	✓ 75		✓												
10	114	1393	4.340	50	✓ 50		✓												
11	115	1394	5.536	30	✓ 30		✓												
12	116	1397	5.629	20	✓ 20		✓												
13	117	1398	5.557	10	✓ 10		✓												
14	118	1399	1.973(?)	0	✓ 0		✓												
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 251 m

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0625
Bottom:		0631
End:		0644

START POSITION (GPS)

LAT: 51 06.013LONG: 126 45.001

BOTTOM POSITION (GPS)

LAT: 51 06.034LONG: 126 45.027

END POSITION (GPS)

LAT: 51 06.031LONG: 126 45.039

Comments:

ROSETTE LOG

MISSION ID: 2003-08 STATION: SEO 8 CAST NUMBER: 022 UTC DATE (dd/mm/yyyy): 05/04/2003

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	1400	2.612	135-5	✓ 125													
2	136	1402	2.670	100	✓ 100													
3	137	1403	2.848	75	✓ 75													
4	138	1404	3.404	50	✓ 50													
5	139	1405	3.701	30	✓ 30													
6	140	1406	4.120	20	✓ 20													
7	141	1407	4.919	10	✓ 10													
8	142	1410	7.178	0	✓ 0													
9																		
10																		
11																		
12																		
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21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 133

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0754
Bottom:		0758
End:		0807

START POSITION (GPS)
LAT: 51 10.995
LONG: 126 39.482

BOTTOM POSITION (GPS)
LAT: 51 10.947
LONG: 126 39.450

END POSITION (GPS)
LAT: 51 10.938
LONG: 126 39.408

ROSETTE LOG

MISSION ID: STATION: FR 53 CAST NUMBER: 029 UTC DATE (dd/mm/yyyy): 06/04/2003

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	143	534	3.914	Bot-5	✓ 56		✓											
2	144	535	3.696	50	✓ 50		✓											
3	145	364	3.729	30	✓ 30		✓											
4	146	572	4.084	20	✓ 20		✓											
5	147	657	5.183	10	✓ 10		✓											
6	148	707	6.898	0	✓ 0		✓											
7	149			20														
8	50			0														
9																		
10																		
11																		
12																		
13																		
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22																		
23																		
24																		

SHIP: Vedav

ENTERED BY:

CHECKED BY:

Bottom Depth: 58

Cast # down:

Cast # up:

TimeLOCUTC

Begin:0016

Bottom:0023

End:0028

START POSITION (GPS)

LAT: 50 59.906

LONG: 126 43.686

BOTTOM POSITION (GPS)

LAT: 59 59.910

LONG: 126 43.690

END POSITION (GPS)

LAT: 59 59.901

LONG: 126 43.667

ROSETTE LOG

MISSION ID: 2003/08 STATION: FRS2 CAST NUMBER: 031 UTC DATE (dd/mm/yyyy): 06/04/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	144	708	0.128	180-5M	✓ 203		✓											
2	150	709	0.099	200	✓ 203		✓											
3	151	715	0.106	175	✓		✓											
4	152	727	0.233	150	✓		✓											
5	153	1105	0.388	125	✓		✓											
6	154	MIS FIRE		100	✓		✓											
7	155	1126	1.280	75	✓		✓											
8	156	1128	4.305	50	✓		✓											
9	157	1130	4.303	30	✓		✓											
10	158	1134	4.351	20	✓		✓											
11	159	1135	5.371	10	✓		✓											
12	160	1136	5.969	0	✓		✓											
13																		
14																		
15																		
16																		
17																		
18																		
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22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 214

Cast # down: 031

Cast # up:

TimeLOCUTC

Begin: 0056

Bottom: 0100

End: 0113

START POSITION (GPS)

LAT: 51 00 54

LONG: 126 42 22

BOTTOM POSITION (GPS)

LAT: 51 00 54

LONG: 126 42 21

END POSITION (GPS)

LAT: 51 00 54

LONG: 126 42 26

ROSETTE LOG

MISSION ID: STATION: FPS-1 CAST NUMBER: 038 UTC DATE (dd/mm/yyyy): 6/04/2003

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	1206	0.086	BUT-5	✓ 230													
2	162	1212	0.040	225	✓ 225													
3	163	1216	0.030	215	✓ 215													
4	164	1222	0.085	200	✓ 200													
5	165	1223	0.137	175	✓ 175													
6	166	1228	0.323	150	✓ 150													
7	167	1231	0.587	125	✓ 125													
8	168	1225	0.496	100	✓ 100													
9	169	1224	1.427	75	✓ 75													
10	170	1233	4.093	50	✓ 50													
11	171	1256	4.282	30	✓ 30													
12	172	1235	4.890	20	✓ 20													
13	173	1237	5.584	10	✓ 10													
14	174	1238	6.237	0	✓													
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 241 m

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0153
Bottom:		0159
End:		0211

START POSITION (GPS)
LAT: 51 02.232
LONG: 126 42.986

BOTTOM POSITION (GPS)
LAT: 51 02.220
LONG: 126 42.972

END POSITION (GPS)
LAT: 51 02.236
LONG: 126 43.045

ROSETTE LOG

MISSION ID: 2003-08 STATION: FRS 0 CAST NUMBER: 035 UTC DATE (dd/mm/yyyy): 06/04/2003

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	175	1248	0.190	130	✓	150	✓											
2	176	1258	4.643	140	✓	140	✓											RAI Twice!
3	177	1260	0.268	125	✓	125	✓											
4	178	1267	0.442	100	✓	100	✓											
5	179	1277	1.227	75	✓	75	✓											
6	180	1278	4.260	50	✓	50	✓											
7	181	1274	4.654	30	✓	30	✓											
8	182	1268	5.436	20	✓	20	✓											
9	183	1270	5.589	10	✓	10	✓											
10	184	NO	SAMPLE	0	✓	0	✓											
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth:

collected twice to be sure

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0253
Bottom:		0258
End:		0306

START POSITION (GPS)
LAT: 51 03.813
LONG: 126 44.600

BOTTOM POSITION (GPS)
LAT: 51 03.816
LONG: 126 44.601

END POSITION (GPS)
LAT: 51 03.817
LONG: 126 44.609

ROSETTE LOG

MISSION ID: 2003-08 STATION: BE06 CAST NUMBER: 048 UTC DATE (dd/mm/yyyy): 07/04/2003

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	185	1203	3.582	Bot-5	✓ 322	✓	✓											
2	186	1206	3.440	300	✓ 300	✓	✓											
3	187	1212	3.544	250	✓ 250		✓											
4	188	1216	3.575	225	✓ 225		✓											
5	189	1222	3.557	200	✓ 200		✓											
6	190	1223	3.478	175	✓ 175													
7	191	1224	3.098	125	✓ 125													
8	192	1225	2.394	100	✓ 100													
9	193	1228	2.086	90	✓ 90													
10	194	1231	1.933	75	✓ 75													
11	195	1233	1.411	50	✓ 50													
12	196	1235	4.322	30	✓ 30													
13	197	1237	5.466	20	✓ 20													
14	198	1238	5.411	10	✓ 10													
15	199	1241	6.138	0	✓													
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 323 m

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0555
Bottom:		0600
End:		0616

START POSITION (GPS)
LAT: 5106.564
LONG: 12702.154

BOTTOM POSITION (GPS)
LAT: 5106.575
LONG: 12702.155

END POSITION (GPS)
LAT: 5106.628
LONG: 12702.187

ROSETTE LOG

MISSION ID: 2003-08

STATION: BEO7

CAST NUMBER: 050

UTC DATE (dd/mm/yyyy):

07/04/2003

Niskin No.	Sample No.	ROSETTE OPERATION		Samples taken														
		OXY. 1	OXY. 2	Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
		Flask	ml/l				OXY				ALK		CHL					
1	200	1247	3.600	B-5	✓ 240			✓	✓									
2	201	1248	3.636	230	✓ 225			✓	✓									
3	202	1256	3.339	200	✓ 200			✓	✓									
4	203	1258	3.353	175	✓ 175			✓	✓									
5	204	1260	3.290	150	✓ 150			✓	✓									
6	205	1267	2.914	125	✓ 125			✓	✓									
7	206	1268	1.930	100	✓ 100			✓	✓									
8	207	1272	1.317	90	✓ 90			✓	✓									
9	208	1273	1.150	80	✓ 75			✓	✓									
10	209	1274	2.110	80	✓ 50			✓	✓									
11	210	1276	3.417	80	✓ 30			✓	✓									
12	211	1277	4.321	10	✓ 10			✓	✓									
13	212	1278	5.324	0	✓ 0			✓	✓									
14																		
15																		
16																		
17																		
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19																		
20																		
21																		
22																		
23																		
24																		

SHIP: NEOSUR
ENTERED BY:
CHECKED BY:

Bottom Depth: 262m.

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0715
Bottom:		0721
End:		0732

START POSITION (GPS)
LAT: 51 06.316
LONG: 126 55.836

BOTTOM POSITION (GPS)
LAT: 51 06.327
LONG: 126 55.833

END POSITION (GPS)
LAT: 51 06.267
LONG: 126 55.815

Comments:

ROSETTE LOG

MISSION ID: 2003-08 STATION: BC 5 CAST NUMBER: 052 UTC DATE (dd/mm/yyyy): 07/04/03

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	213	1279	3.498	B-5	✓ 275		✓											
2	214	1280	3.454	275	✓		✓											
3	215	1281	3.520	250	✓		✓											
4	216	1284	3.513	200	✓		✓											
5	217	1287	3.480	175	✓		✓											
6	218	1288	3.342	150	✓		✓											
7	219	1290	3.100	125	✓		✓											
8	220	1291	2.843	100	✓		✓											
9	221	1292	2.968	75	✓		✓											
10	222	1293	3.778	50	✓		✓											
11	223	1294	5.397	30	✓		✓											
12	224	1295	5.799	20	✓		✓											
13	225	1297	5.619	10	✓		✓											
14	226	1298	5.715	0	✓		✓											
15																		
16																		
17																		
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23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY: H.A.

CHECKED BY:

Bottom Depth: 280

Cast # down: 052

Cast # up:

Time	LOC	UTC
Begin:	1415	
Bottom:	14	
End:	14	

START POSITION (GPS)

LAT: 51 07 20

LONG: 127 08 80

BOTTOM POSITION (GPS)

LAT: 51 07

LONG: 127 08

END POSITION (GPS)

LAT: 51 07

LONG: 127 08

ROSETTE LOG

MISSION ID: 2003-08 STATION: ALS1 CAST NUMBER: 54 UTC DATE (dd/mm/yyyy): 07/04/03

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	227	1299	1.569	8-5	✓ 144		✓											
2	228	1300	1.581	135	✓ 135													
3	229	1301	1.580	125	✓ 125													
4	230	1302	1.724	100	✓ 100													
5	231	1303	2.339	80	✓ 80													
6	232	1304	3.886	60	✓ 60													
7	233	1305	4.477	30	✓ 30													
8	234	1306	4.294	20	✓ 20													
9	235	1307	4.528	10	✓ 10													
* 10	236	1308	9.201	0	✓		✓	O ₂ too high				13.126					should be 13.08	
11			9.044															
12																		
13																		
14																		
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Comments:

SHIP: VECTOR

ENTERED BY: W. J.

CHECKED BY:

Bottom Depth: 155 m

Cast # down: 54

Cast # up:

Time	LOC	UTC
Begin:		1600
Bottom:		1605
End:		1617

START POSITION (GPS)

LAT: 51 10.126

LONG: 127 05.831

BOTTOM POSITION (GPS)

LAT: 51 10.121

LONG: 127 05.868

END POSITION (GPS)

LAT: 51 10.129

LONG: 127 05.865

ROSETTE LOG

MISSION ID: STATION: ALS2 CAST NUMBER: 056 UTC DATE (dd/mm/yyyy): 07/04/2003

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	237	1203	1.848	8-5	✓ 100		✓									
2	238	1206	1.693	90	✓ 90		✓									
3	239	1212	2.434	75	✓ 75		✓									
4	240	1222	3.552	50	✓ 50		✓									
5	241	1216	4.107	30	✓ 30		✓									
6	242	1224	3.400	20	✓ 20		✓									
7	243	1223	3.867	10	✓ 10		✓									
8	244	1228	8.295	0	✓ 0		✓									
9																
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Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 110

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1701
Bottom:		1705
End:		1715

START POSITION (GPS)

LAT: 51 10.201

LONG: 127 02.497

BOTTOM POSITION (GPS)

LAT: 51 10.215

LONG: 127 02.485

END POSITION (GPS)

LAT: 51 10.196

LONG: 127 02.499

ROSETTE LOG

MISSION ID: 2003-08

STATION: AL53CAST NUMBER: 058

UTC DATE (dd/mm/yyyy):

07/04/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL			NUT		TCO		C13		CHL			
1	245	1225	0.007	8-5	✓ 128				✓									
2	246	1233	0.000	120	✓ 120				✓									-0.016 in Comp.
3	247	1231	0.018	100	✓ 100				✓									
4	248	1235	0.018	70	✓ 70				✓									
5	249	1237	0.334	50	✓ 50				✓									
6	250	1238	2.447	30	✓ 30				✓									
7	251	1241	2.328	20	✓ 20				✓									
8	252	1248	2.869	10	✓ 10				✓									
9	253	1247	4.815	0	✓				✓									
10																		
11																		
12																		
13																		
14																		
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17																		
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21																		
22																		
23																		
24																		

Comments:

phyto to L. Hobson

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 136 m

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1758

Bottom: 1804

End: 1814

START POSITION (GPS)

LAT: 51 09.997

LONG: 126 56.824

BOTTOM POSITION (GPS)

LAT: 51 09.984

LONG: 126 56.860

END POSITION (GPS)

LAT: 51 09.984

LONG: 126 56.830

ROSETTE LOG

MISSION ID: STATION: ALS4 CAST NUMBER: 060 UTC DATE (dd/mm/yyyy): 07/04/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	254	1256	0.041	74	✓ 70			✓										
2	255	1258	0.018	67	✓ 67			✓										
3	256	1260	0.331	50	✓ 50			✓										
4	257	1267	1.893	30	✓ 30													
5	258	1268	2.032	20	✓ 20													
6	259	1272	2.366	10	✓ 10													
7	260	1273	5.483	0	✓ 0													
8																		
9																		
10																		
11																		
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22																		
23																		
24																		

Comments:

SHIP: vector

ENTERED BY:

CHECKED BY:

Bottom Depth: 74

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		<u>1841</u>
Bottom:		<u>1844</u>
End:		<u>1853</u>

START POSITION (GPS)

LAT: 51 10.834

LONG: 126 55.459

BOTTOM POSITION (GPS)

LAT: 51 10.833

LONG: 126 55.455

END POSITION (GPS)

LAT: 51 10.830

LONG: 126 55.460

ROSETTE LOG

MISSION ID: 2003-08 STATION: BG 04 CAST NUMBER: 073 UTC DATE (dd/mm/yyyy): 08/04/03

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	261	1280	3.436	8-5	✓ 373													
2	262	1279	3.644	300	✓													
3	263	1281	3.538	250	✓													
4	264	1284	3.575	200	✓													
5	265	1287	3.531	175	✓													
6	266	1288	3.501	150	✓													
7	267	1290	3.488	125	✓													
8	268	1291	3.241	100	✓													
9	269	1292	3.741	75	✓													
10	270	1293	4.744	50	✓													
11	271	1294	5.812	30	✓													
12	272	1295	6.146	20	✓													
13	273	1297	6.077	10	✓													
14	274	1298	6.621	0	✓													
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 378

Cast # down: 073
Cast # up:

Time	LOC	UTC
Begin:	1416	
Bottom:	1424	
End:	1447	

START POSITION (GPS)
LAT: 51 07 80
LONG: 127 15 27

BOTTOM POSITION (GPS)
LAT: 51 07 80
LONG: 127 15 17

END POSITION (GPS)
LAT: 51 07 81
LONG: 127 15 04

Comments:

ROSETTE LOG

MISSION ID: 2003-08 STATION: BE03 CAST NUMBER: 075 UTC DATE (dd/mm/yyyy): 08/04/2003

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	275	1299	3.509	Bot-5	✓ 275	✓	✓											
2	276	1300	3.668	275	✓ 275	✓												
3	277	1301	3.551	250	✓ 250													
4	278	1302	3.748	200	✓ 200													
5	279	1303	3.559	175	✓ 175													
6	280	1304	3.651	150	✓ 150													
7	281	1305	4.099	125	✓ 125													
8	282	1306	3.956	100	✓ 100													
9	283	1307	4.558	75	✓ 75													
10	284	1309	5.218	50	✓ 50													
11	285	1310	5.905	30	✓ 30													
12	286	1311	6.066	20	✓ 20													
13	287	1313	6.515	10	✓ 10	✓												- SAL
14	288	1314	6.795	0	✓ 0	✓	✓											- SAL
15																		
16																		
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20																		
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22																		
23																		
24																		

Comments: * HUNG UP IN DOSIMAT FOR A SEC - PUSHED CONTINUE AND ALL WAS FINE

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 280

Cast # down: 075
Cast # up:

Time	LOC	UTC
Begin:		<u>1545</u>
Bottom:		<u>1553</u>
End:		<u>1615</u>

START POSITION (GPS)
LAT: 51 07.848
LONG: 127 22.184

BOTTOM POSITION (GPS)
LAT: 51 07.882
LONG: 127 22.142

END POSITION (GPS)
LAT: 51 07.899
LONG: 127 22.066

ROSETTE LOG

MISSION ID: 2003-08 STATION: Mex1 CAST NUMBER: 077 UTC DATE (dd/mm/yyyy): 08/04/2003

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	289	1203	4.718	ROT-5	✓ 75		✓											
2	290	1206	4.652	75	✓ 65		✓											
3	291	1212	4.895	50	✓ 50		✓											
4	292	1216	4.885	30	✓ 30		✓											
5	293	1222	5.375	20	✓ 20		✓											
6	294	1223	6.320	10	✓ 10		✓											
7	295	1224	6.598	0	✓ 0		✓											
8																		
9																		
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Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 81

Cast # down:
Cast # up: 076

Time	LOC	UTC
Begin:		1649
Bottom:		1653
End:		1700

START POSITION (GPS)
LAT: 51 08.864
LONG: 127 24.788

BOTTOM POSITION (GPS)
LAT: 51 08.855
LONG: 127 24.800

END POSITION (GPS)
LAT: 51 08.844
LONG: 127 24.821

ROSETTE LOG

MISSION ID: 2003-08 STATION: MEØ 2 CAST NUMBER: 078 UTC DATE (dd/mm/yyyy): 08/04/2023
April

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	296	1225	4.677	805-5	✓ 87		✓											
2	297	1231	4.697	75	✓ 75		✓											
3	298	1233	4.678	50	✓ 50		✓											
4	299	1235	4.777	30	✓ 30		✓											
5	300	1237	5.404	20	✓ 20		✓											
6	301	1238	6.322	10	✓ 10		✓											
7	302	1241	7.393	0	✓ 0		✓											
8																		
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24																		

Comments:

SHIP: vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 91

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1720
Bottom:		1724
End:		1730

START POSITION (GPS)
LAT: 51 09.935
LONG: 127 25.149

BOTTOM POSITION (GPS)
LAT: 51 09.930
LONG: 127 25.154

END POSITION (GPS)
LAT: 51 09.913
LONG: 127 25.118

ROSETTE LOG

MISSION ID: 2003-08 STATION: ME03 CAST NUMBER: 079 80? UTC DATE (dd/mm/yyyy): 08/04/2003 April

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	303	1247	2.565	Bot-5	✓ 81			✓	✓									
2	304	1248	2.435	75	✓			✓	✓									
3	305	1256	3.281	50	✓			✓	✓									
4	306	1258	4.496	30	✓			✓	✓									
5	307	1260	5.153	20	✓			✓	✓									
6	308	1267	6.079	10	✓			✓	✓									
7	309	1268	7.087	0	✓			✓	✓									
8																		
9																		
10																		
11																		
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23																		
24																		

Comments:

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 079
Cast # up:

Time	LOC	UTC
Begin:	1802	
Bottom:	1804	
End:	1812	

START POSITION (GPS)
LAT: 51 11 58
LONG: 127 24 74

BOTTOM POSITION (GPS)
LAT: 51 11 59
LONG: 127 24 73

END POSITION (GPS)
LAT: 51 11 57
LONG: 127 24 72

ROSETTE LOG

MISSION ID: 2003-08 STATION: ME 04 CAST NUMBER: 082 UTC DATE (dd/mm/yyyy): 08/04/03

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	310	1279	0.825	B-5	✓	159												
2	311	1280	0.616	150	✓	150												
3	312	1281	0.995	125	✓	125												
4	313	1284	1.634	100	✓													
5	314	1287	1.605	75	✓													
6	315	1288	3.001	50	✓													
7	316	1290	3.488	30	✓													
8	317	1291	3.852	20	✓													
9	318	1292	5.859	10	✓													
10	319	1293	6.848	0	✓													
11																		
12																		
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Comments:

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 164

Cast # down: 082

Cast # up:

Time	LOC	UTC
Begin:	1845	
Bottom:	1850	
End:	1901	

START POSITION (GPS)

LAT: 51 11 83.00

LONG: 127 21 114

BOTTOM POSITION (GPS)

LAT: 51 11 83

LONG: 127 21 10

END POSITION (GPS)

LAT: 51 11 79

LONG: 127 21 02

ROSETTE LOG

MISSION ID: 2003 STATION: ME 05 CAST NUMBER: 84 UTC DATE (dd/mm/yyyy): 09/04/03

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13		CHL	phyto			
1	320	1297	0.713	B-5	✓ 125		✓											
2	321	1298	1.044	100	✓		✓											
3	322	1299	1.163	75	✓		✓											
4	323	1300	1.976	50	✓		✓											
5	324	1301	2.527	30	✓		✓											
6	325	1302	2.923	20	✓		✓											
7	326	1303	4.208	10	✓		✓								✓			
8	327	1304	6.796	0	✓		✓											
9																		
10																		
11																		
12																		
13																		
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19																		
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22																		
23																		
24																		

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 84
Cast # up:

Time ~~LOG~~ UTC
Begin: 1942
Bottom: 1945
End: 1953

START POSITION (GPS)
LAT: 51 11 63
LONG: 127 16 35

BOTTOM POSITION (GPS)
LAT: 51 11 63
LONG: 127 16 36

END POSITION (GPS)
LAT: 51 11 62
LONG: 127 16 35

Comments: phyto to Hobson

ROSETTE LOG

MISSION ID: 2003-08 STATION: MESO CAST NUMBER: 0910 UTC DATE (dd/mm/yyyy): 08/04/2003

		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	328	1271	3.537	200																	
2	329	1206	3.508	175																	
3	330	1212	3.656	150																	
4	331	1216	3.773	125																	
5	332	1270	4.086	100																	
6	333	1223	4.573	75																	
7	334	1224	5.301	50																	
8	335		5.841	30																	
9	336	1228	6.199	20																	
10	337	1231	6.394	10																	
11	338	1233	6.749	0																	
12																					
13																					
14																					
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16																					
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22																					
23																					
24																					

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 209

Cast # down:

Cast # up:

TimeLOCUTC

Begin:2317

Bottom:

End:

START POSITION (GPS)

LAT:5107.788

LONG:12725.294

BOTTOM POSITION (GPS)

LAT:5107.78

LONG:12725.31

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2003-08 STATION: BE02 CAST NUMBER: 092 UTC DATE (dd/mm/yyyy): 09/04/2003

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	339	1237	3.588	BOT-Sm	✓ 180		✓	✓										
2	340	414	1.75	175	✓ 175		✓	✓										
3	341	1238	3.636	150	✓ 150		✓	✓										
4	342	1242	3.704	125	✓ 125		✓	✓										
5	343	1248	4.180	100	✓ 100		✓	✓										
6	344	1256	4.783	75	✓ 75		✓	✓										
7	345	1258	5.246	50	✓ 50		✓	✓										
8	346	1260	6.045	30	✓ 30		✓	✓										
9	347	1267	6.307	20	✓ 20		✓	✓										
10	348	1268	6.661	10	✓ 10		✓	✓										
11	349	1272	6.807	0	✓ 0		✓	✓										
12																		
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Comments:

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 191 m

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0044
Bottom:		0049
End:		0102

START POSITION (GPS)
LAT: 51 07.890
LONG: 127 30.528

BOTTOM POSITION (GPS)
LAT: 51 07.901
LONG: 127 30.511

END POSITION (GPS)
LAT: 51 07.906
LONG: 127 30.453

ROSETTE LOG

MISSION ID: 2003-08 STATION: BEO1 CAST NUMBER: 094 UTC DATE (dd/mm/yyyy): 09/04/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	350	1279	3.735	Bot-5m	✓ 220			✓										
2	351	1280	3.537	200	✓													
3	352	1281	3.557	175	✓													
4	353	1284	3.592	150	✓													
5	354	1287	3.894	125	✓													
6	355	1288	4.530	100	✓													
7	356	1290	5.148	75	✓													
8	357	1291	5.915	50	✓													
9	358	1293	6.331	30	✓													
10	359	1294	6.764	20	✓													
11	360	Niskin failed		10	✓													
12	361	1295	6.970	0	✓													
13																		
14																		
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Comments:

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 225

Cast # down: 94

Cast # up:

Time	LOC	UTC
Begin:	<u>0140</u>	
Bottom:	<u>0144</u>	
End:	<u>0158</u>	

START POSITION (GPS)

LAT: 51 07 69

LONG: 127 34 28

BOTTOM POSITION (GPS)

LAT: 51 07 69

LONG: 127 34 26

END POSITION (GPS)

LAT: 51 07 67

LONG: 127 34 25

ROSETTE LOG

MISSION ID: 2003-03 STATION: Fox 1 CAST NUMBER: 097 UTC DATE (dd/mm/yyyy): 09/04/03

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	362	1279	6.023	B-10	✓	130		✓										
2	363	1280	6.186	100	✓													
3	364	1281	6.378	75	✓													
4	365	1284	6.313	50	✓													
5	366	1287	6.285	30	✓													
6	367	1288	6.297	20	✓													
7	368	1290	6.329	10	✓													
8	369	1291	6.319	0	✓			✓										
9																		
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Comments:

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 134

Cast # down: 97

Cast # up:

Time ~~1600~~ UTC

Begin: 1615

Bottom: 1616

End: 1628

START POSITION (GPS)

LAT: 51 04 21

LONG: 127 41 21

BOTTOM POSITION (GPS)

LAT: 51 04 25

LONG: 127 41 30

END POSITION (GPS)

LAT: 51 04 35

LONG: 127 41 43

ROSETTE LOG

MISSION ID: 2003-08

STATION: QCS6

CAST NUMBER: 098

UTC DATE (dd/mm/yyyy): 09/04/03

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	376	1279	5.759	0-5	✓	140	✓											
2	371	1280	5.790	125	✓													
3	372	1281	5.902	100	✓													
4	373	1284	6.128	75	✓													
5	374	1288	6.206	50	✓													
6	375	1290	6.318	20	✓													
7	376	1292	6.336	10	✓													
8	377	1291	6.289	0	✓													
9																		
10																		
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Comments:

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 151

Cast # down: 98

Cast # up:

TimeLOCUTC

Begin: 1928

Bottom: 1931

End: 1940

START POSITION (GPS)

LAT: 50 52 45

LONG: 127 21 66

BOTTOM POSITION (GPS)

LAT: 50 52 46

LONG: 127 21 65

END POSITION (GPS)

LAT: 50 52 46

LONG: 127 21 64

ROSETTE LOG

MISSION ID: 2003-08 STATION: 9052 CAST NUMBER: 099 UTC DATE (dd/mm/yyyy): 09/04/03

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	378	1293	5.301	18-5	✓ 216		✓												.929
2	379	1294	5.556	200	✓														.917
3	380	1295	5.475	175	✓														.970
4	381	1316	5.681	150	✓						.302								.302
5	382	1299	6.027	125	✓ =118 - (check)			1297			1.012								1.012 / 1.091
6	383	1300	6.291	75	✓		✓												1.584
7	384	1301	6.127	50	✓		✓												.977
8	385	1301	6.742	30	✓		✓												1.126
9	386	1303	6.341	20	✓														1.067
10	387	1304	6.161	10	✓														1.006
11	388				✓														
12	389				✓														
13																			
14																			
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24																			

Comments: * did not trip

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 225

Cast # down: 99

Cast # up:

Time LOC UTC

Begin: 2140

Bottom: 2145

End: 2159

START POSITION (GPS)

LAT: 51 46 60

LONG: 127 02 34

BOTTOM POSITION (GPS)

LAT: 51 46 60

LONG: 127 02 35

END POSITION (GPS)

LAT: 51 46 61

LONG: 127 02 36

V1 = 1005

V2 .717

10.02

.0101296

ROSETTE LOG

MISSION ID: 2003/08 STATION: QCS1 CAST NUMBER: 100 UTC DATE (dd/mm/yyyy): 09/04/03

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	390	1305	5.685	8-5	✓	154		✓										
2	391	1306	5.636	12	✓													
3	392	1307	5.693	100	✓													
4	393	1309	5.721	75	✓													
5	394	1310	5.850	50	✓													
6	395	1311	5.873	30	✓													
7	396	1313	5.910	20	✓													
8	397	1314	5.935	10	✓													
9	398	1315	6.038	0	✓			✓										
10																		
11																		
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22																		
23																		
24																		

Comments:

SHIP: V6c208
ENTERED BY:
CHECKED BY:

Bottom Depth: 155

Cast # down: 100
Cast # up:

Time	LOC	UTC
Begin:		2338
Bottom:		2341
End:		2351

START POSITION (GPS)
LAT: 50 40 05
LONG: 126 46 26

BOTTOM POSITION (GPS)
LAT: 50 40 10
LONG: 126 46 25

END POSITION (GPS)
LAT: 50 40 22
LONG: 126 46 32