

ROSETTE LOG

MISSION ID: 2005-07

STATION: EF13

CAST NUMBER: 004

UTC DATE (dd/mm/yyyy):

APR 19/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	1	572	3.928	105	✓ 100	✓		✓										NO NUTRIENT TUBES
2	2	1212	4.231	75	✓			✓										
3	3	535	5.620	50	✓			✓										
4	4	657	6.362	30	✓			✓										
5	5	364	6.466	20	✓			✓										ALL SAMPLES OK
6	6	708	6.547	10	✓			✓										
7	7	709	7.530	5	✓			✓										
8																		
9																		
10																		
11																		
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19																		
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22																		
23																		
24																		

SHIP: Vetrol
 ENTERED BY: A.A.
 CHECKED BY: H.M.

Bottom Depth: 105

Cast # down: 004
 Cast # up:

Time	LOC	UTC
Begin:		<u>0227</u>
Bottom:		<u>0230</u>
End:		<u>0230</u>

START POSITION (GPS)
 LAT: 40 56 39
 LONG: 125 10 70

BOTTOM POSITION (GPS)
 LAT:
 LONG:

END POSITION (GPS)
 LAT:
 LONG:

Comments:

ROSETTE LOG

MISSION ID: 2005-07 STATION: EF12 CAST NUMBER: 005 UTC DATE (dd/mm/yyyy): 19/4/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY				ALK		CHL					
1	8	727	3.957	90	✓ 88			✓										
2	9	715	3.923	75	✓	✓		✓										
3	10	1105	5.187	30	✓			✓										
4	11	1110	6.059	30	✓			✓										
5	12	1126	6.131	20	✓			✓										
6	13	1128	6.238	10	✓			✓										
7	14	1130	6.374	5	✓			✓										
8																		ALL SAMPLES OK
9																		
10																		
11																		
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Comments:

SHIP: VECTOR
ENTERED BY: A.D
CHECKED BY: H.M.

Bottom Depth: 93

Cast # down: 005
Cast # up:

Time	LOC	UTC
Begin:		<u>0257</u>
Bottom:		<u>0259</u>
End:		

START POSITION (GPS)
LAT: 48 57 98
LONG: 125 10 52

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID:

STATION: EF11

CAST NUMBER: 006

UTC DATE (dd/mm/yyyy):

19/04/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY				ALK		CHL					
1	15	1158	3.810	88	✓ 85		✓											
2	16	1175	3.679	75	✓		✓											
3	17	1176	5.215	50	✓		✓											
4	18	1138	5.898	30	✓		✓											
5	19	1142	6.041	20	✓		✓											
6	20	1188	6.194	10	✓	✓	✓											
7	21		NOT TRIGGERED	5	✓		✓											NO SAMPLE
8																		
9																		
10																		
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SHIP: VECTOR
ENTERED BY: A.D.
CHECKED BY: H.M.

Bottom Depth: 95

Cast # down: 006
Cast # up:

Time	LOC	UTC
Begin:		0330
Bottom:		0333
End:		

START POSITION (GPS)
LAT: 48 59 14
LONG: 125 11 04

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: _____

STATION: EF10CAST NUMBER: 007UTC DATE (dd/mm/yyyy): 19/09/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
1	22	1137	3.694	100	✓ 95	✓		✓											
2	23	1146	3.675	75	✓			✓											
3	24	1192	5.1024	50	✓			✓											
4	25	1195	5.871	30	✓			✓											
5	26	1206	6.027	20	✓			✓											
6	27	1345	6.179	10	✓			✓											
7	28	1344	6.225	5	✓			✓											
8																			
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Comments: _____

SHIP: VECTORENTERED BY: A.D.CHECKED BY: N.A.Bottom Depth: 100Cast # down: 007

Cast # up: _____

Time LOC UTC

Begin: 0400Bottom: 0409

End: _____

START POSITION (GPS)

LAT: 48 59 02LONG: 125 11 23

BOTTOM POSITION (GPS)

LAT: 48 59 01LONG: 125 11 23

END POSITION (GPS)

LAT: _____

LONG: _____

ROSETTE LOG

MISSION ID: 2005-07 STATION: EFO1 CAST NUMBER: 012 UTC DATE (dd/mm/yyyy): APR 19/05

				ROSETTE OPERATION		Samples taken													
Niskin No.	Sample No.	OXY. Flask	OXY. m/l	Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
						OXY				ALK		CHL							
1	29	364	*	35	✓ 30	✓	✓	✓										SPINF KILLED VALUE	
2	30	1212	4.195	30	✓ 30			✓	✓										
3	31	535	5.213	20	✓			✓	✓	✓									
4	32	572	6.072	10	✓			✓	✓										
5	33	657	6.787	5	✓			✓	✓										
6	34	703	8.033	0	✓			✓	✓										
7																			
8																			
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Comments:

SHIP: Vector

ENTERED BY: A.A

CHECKED BY: H.M

Bottom Depth: 32

Cast # down: 012

Cast # up:

Time	LOC	UTC
Begin:		2053
Bottom:		2055
End:		2100

START POSITION (GPS)

LAT: 49 05 54

LONG: 125 11 64

BOTTOM POSITION (GPS)

LAT: 49 05 54

LONG: 125 11 64

END POSITION (GPS)

LAT: 49 05 55

LONG: 125 11 64

ROSETTE LOG

MISSION ID: 2005-07 STATION: EF02 CAST NUMBER: 013 UTC DATE (dd/mm/yyyy): APR 19/05

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	35	715	0.00	68	✓ 64	✓		✓	✓									
2	36	727	1.433	50	✓			✓	✓									
3	37	1105	4.782	30	✓			✓	✓									
4	38	1110	5.955	20	✓			✓	✓ (4)									
5	39	1126	6.253	10	✓			✓	✓									
6	40	1128	6.664	5	✓			✓	✓									
7	41	1130	7.989	0	✓ 2			✓	✓									
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24																		

Comments:

SHIP: Vector

ENTERED BY: A.A.

CHECKED BY: H.M.

Bottom Depth: 69

Cast # down: 013

Cast # up:

Time	LOC	UTC
Begin:		2115
Bottom:		2117
End:		2124

START POSITION (GPS)

LAT: 49 04 99

LONG: 125 10 31

BOTTOM POSITION (GPS)

LAT: 49 04 99

LONG: 125 10 29

END POSITION (GPS)

LAT: 49 04 96

LONG: 125 10 28

ROSETTE LOG

MISSION ID: 2005-07 STATION: FFO2A CAST NUMBER: 019 UTC DATE (dd/mm/yyyy): APR 19/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
							OXY			ALK		CHL						
1	42	1135	0.00	100	✓ 95	✓	✓	✓✓										
2	43	1136	0.00	75	✓		✓	✓✓										
3	44	1137	2.360	50	✓		✓	✓✓										
4	45	1138	5.067	30	✓		✓	✓✓										
5	46	1142	5.988	20	✓		✓	✓✓	✓✓									
6	47	1146	6.244	10	✓		✓	✓✓										
7	48	1158	6.889	5	✓		✓	✓✓										
8	49	1175	8.240	0	✓ 2		✓	✓✓										
9																		
10																		
11																		
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SHIP: Vector
ENTERED BY: A.A.
CHECKED BY: H.H.

Bottom Depth: 100

Cast # down: 014
Cast # up:

Time	LOC	UTC
Begin:		2145
Bottom:		2148
End:		2156

START POSITION (GPS)
LAT: 49 04 49
LONG: 125 09 79

BOTTOM POSITION (GPS)
LAT: 49 04 49
LONG: 125 09 78

END POSITION (GPS)
LAT: 49 04 47
LONG: 125 09 79

Comments:

ROSETTE LOG

MISSION ID: 2005-07 STATION: FF03 CAST NUMBER: 017 UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	50	1346	0.00	115	✓ 110	✓												
2	51	1347	0.00	100	✓		✓											
3	52	1349	0.00	75	✓		✓											
4	53	1367	2.222	50	✓		✓											
5	54	1351	5.422	30	✓		✓											
6	55	1352	5.905	20	✓		✓											
7	56	1353	NO SAMPLE	10	✓		✓											BOTTLE MISFIRE
8	57	1354	6.711	5	✓		✓											
9	58	1356	8.185	0	✓ 2		✓											
10																		
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Comments:

SHIP: VECTOR
ENTERED BY: A.D.
CHECKED BY: H.M.

Bottom Depth: 117

Cast # down: 017
Cast # up:

Time	LOC	UTC
Begin:		0409
Bottom:		0412
End:		0422

START POSITION (GPS)
LAT: 49 04 22
LONG: 125 09 35

BOTTOM POSITION (GPS)
LAT: 49 04 20
LONG: 125 09 32

END POSITION (GPS)
LAT: 49 04 19
LONG: 125 09 26

ROSETTE LOG

MISSION ID: 2005-07 STATION: ZFO3A CAST NUMBER: 013 UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	59	1360	0.00	91	✓ 81	✓	✓											
2	60	1361	0.00	75	✓		✓											
3	61	1362	2.106	50	✓		✓											
4	62	1363	5.415	30	✓		✓											
5	63	1382	5.738	20	✓		✓											
6	64	1366	6.191	10	✓		✓											
7	65	1350	6.563	5	✓		✓											
8	66	1368	8.292	0	✓ 2		✓											
9																		
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SHIP: VECTON
ENTERED BY: A.A.
CHECKED BY: H.M.

Bottom Depth: 86

Cast # down: 013
Cast # up:

Time	LOC	UTC
Begin:		0453
Bottom:		0456
End:		0505

START POSITION (GPS)
LAT: 49 03 78
LONG: 125 09 09

BOTTOM POSITION (GPS)
LAT: 49 03 78
LONG: 125 09 10

END POSITION (GPS)
LAT: 49 03 78
LONG: 125 09 13

Comments:

ROSETTE LOG

MISSION ID: 2005-07 STATION: EF04 CAST NUMBER: 019 UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	67	1373	3.816	68	✓ 54	✓		✓										
2	68	1374	3.871	50	✓			✓										
3	69	1375	5.554	30	✓			✓										
4	70	1376	5.073	20	✓			✓										
5	71	1378	5.755	10	✓			✓										
6	72	1379	6.519	5	✓			✓										
7	23	1380	8.067	0	✓ 2			✓										
8																		
9																		
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22																		
23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY: A.A

CHECKED BY: H.M.

Bottom Depth: 58

Cast # down: 019

Cast # up:

TimeLOCUTC

Begin:0525

Bottom:0527

End:

START POSITION (GPS)

LAT: 49 03 07

LONG: 125 08 58

BOTTOM POSITION (GPS)

LAT: 49 03 07

LONG: 125 08 58

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2005-07 STATION: EF04A CAST NUMBER: 020 UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	74	1364	1.185	102	✓ 100													
2	75	1383	2.377	75	✓													
3	76	1384	3.426	50	✓													
4	77	364	5.209	30	✓													
5	78	1212	5.851	20	✓													
6	79	535	6.166	10	✓													
7	80	572	6.375	5	✓													
8	81	657	8.005	0	✓ 2													
9																		
10																		
11																		
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23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY: A.D
CHECKED BY: H.M.

Bottom Depth: 105

Cast # down: 020
Cast # up:

Time	LOC	UTC
Begin:		0600
Bottom:		0603
End:		0611

START POSITION (GPS)
LAT: 49 03 00
LONG: 125 08 54

BOTTOM POSITION (GPS)
LAT: 49 03 01
LONG: 125 08 33

END POSITION (GPS)
LAT: 49 03 00
LONG: 125 08 02

ROSETTE LOG

MISSION ID: 2005-07 STATION: EFC5 CAST NUMBER: 022 UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	82	364	0.00	202	✓ 196	✓	✓	✓										
2	83	1212	0.00	175	✓			✓										
3	84	1206	0.074	150	✓			✓										
4	85	572	0.238	125	✓			✓										
5	86	657	0.753	100	✓			✓										
6	87	708	2.837	75	✓			✓										
7	88	709	NO SAMPLE	50	✓			✓										Bot 7 = NO TRIGGER
8	89	715	5.220	30	✓			✓										
9	90	727	5.952	20	✓			✓										
10	91	1105	6.122	10	✓			✓										
11	92	1110	6.561	5	✓			✓										
12	93	1126	7.865	0	✓ 2			✓										
13																		
14																		
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19																		
20																		
21																		
22																		
23																		
24																		

SHIP: VECTOR
ENTERED BY: A.D
CHECKED BY: H.M.

Bottom Depth: 196

Cast # down: 022
Cast # up:

Time	LOC	UTC
Begin:		1836
Bottom:		1842
End:		1855

START POSITION (GPS)
LAT: 49 02 61
LONG: 125 09 11

BOTTOM POSITION (GPS)
LAT: 49 02 65
LONG: 125 09 11

END POSITION (GPS)
LAT: 49 02 74
LONG: 125 09 07

Comments:

ROSETTE LOG

MISSION ID: 2005-07 STATION: E105A CAST NUMBER: 023 UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	94	1130	0.00	200	✓ 190	✓		✓	✓									
2	95	1134	0.00	175	✓			✓	✓									
3	96	1135	0.070	150	✓			✓	✓									
4	97	1136	0.256	125	✓			✓	✓	✓								
5	98	1137	0.821	100	✓			✓	✓									
6	99	1138	2.813	75	✓			✓	✓									
7	100	1142	3.540	50	✓			✓	✓									
8	101	1146	5.267	30	✓			✓	✓									
9	102	1158	5.899	20	✓			✓	✓									
10	103	1175	6.172	10	✓			✓	✓									
11	104	1176	7.430	5	✓			✓	✓									
12	105	1192	7.861	0	✓ 2			✓	✓									
13																		
14																		
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24																		

Comments:

SHIP: VECTOR
ENTERED BY: A.O.
CHECKED BY: H.M.

Bottom Depth: 190

Cast # down: 023
Cast # up:

Time	LOC	UTC
Begin:		1915
Bottom:		1921
End:		1936

START POSITION (GPS)
LAT: 49 02 74
LONG: 125 09 17

BOTTOM POSITION (GPS)
LAT: 49 02 72
LONG: 125 09 17

END POSITION (GPS)
LAT: 49 02 63
LONG: 125 09 18

ROSETTE LOG

MISSION ID: 2005-07 STATION: LF06 CAST NUMBER: 024 UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	106	1346	0.176	150	✓ 155	✓		✓	✓									
2	107	1347	0.115	125	✓			✓	✓									
3	108	1349	0.703	100	✓			✓	✓									
4	109	1367	2.558	75	✓			✓	✓	✓								
5	110	1351	3.838	50	✓			✓	✓									
6	111	1352	5.246	30	✓			✓	✓									
7	112	1353	5.596	20	✓			✓	✓									
8	113	1354	6.084	10	✓			✓	✓									
9	114	1356	6.495	5	✓			✓	✓									
10	115	1358	8.106	0	✓ 2			✓	✓									
11																		
12																		
13																		
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23																		
24																		

SHIP: VECTOR
ENTERED BY: A.D.
CHECKED BY: H.M.

Bottom Depth: 163

Cast # down: 024
Cast # up:

Time	LOC	UTC
Begin:		20 00
Bottom:		20 09
End:		20 16

START POSITION (GPS)
LAT: 49 01 85
LONG: 125 09 20

BOTTOM POSITION (GPS)
LAT: 49 01 85
LONG: 125 09 21

END POSITION (GPS)
LAT: 49 01 87
LONG: 125 09 22

Comments:

ROSETTE LOG

MISSION ID: 2005-07

STATION: EF07

CAST NUMBER: 025

UTC DATE (dd/mm/yyyy):

APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL							
1	116	1361	0.254	122	✓ 115	✓	✓	✓											
2	117	1362	0.613	100	✓			✓											
3	118	1363	2.288	75	✓			✓											
4	119	1362	4.046	30	✓			✓											
5	120	1366	5.546	30	✓			✓											
6	121	1356	5.799	20	✓			✓											
7	122	1368	6.240	10	✓			✓											
8	123	1371	7.255	5	✓			✓											
9	124	1373	8.010	0	✓ 2			✓											
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SHIP: VECTOR
ENTERED BY: A.D.
CHECKED BY: H.M.

Bottom Depth: 119

Cast # down: 025
Cast # up:

Time	LOC	UTC
Begin:		2036
Bottom:		2039
End:		2049

START POSITION (GPS)
LAT: 49 01 25
LONG: 125 09 45

BOTTOM POSITION (GPS)
LAT: 49 01 26
LONG: 125 09 43

END POSITION (GPS)
LAT: 49 01 23
LONG: 125 09 46

Comments:

ROSETTE LOG

MISSION ID: 2005-07 STATION: LFO7A CAST NUMBER: 026 UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
1	125	1375	1.349	81	✓ 100	✓		✓	✓									
2	126	1376	2.490	75	✓			✓	✓									
3	127	1378	3.564	50	✓			✓	✓									
4	128	1379	5.441	30	✓			✓	✓	✓								
5	129	1380	5.804	20	✓			✓	✓	✓								
6	130	1381	6.132	10	✓			✓	✓	✓								
7	131	1364	6.589	5	✓			✓	✓	✓								
8	132	1383	8.000	0	✓ 2			✓	✓	✓								
9																		
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Comments:

SHIP: VECTOR
ENTERED BY: A.D.
CHECKED BY: H.M.

Bottom Depth: 96

Cast # down: 026
Cast # up:

Time	LOC	UTC
Begin:		2109
Bottom:		2112
End:		2120

START POSITION (GPS)
LAT: 49 06 86
LONG: 125 09 91

BOTTOM POSITION (GPS)
LAT: 49 00 87
LONG: 125 09 89

END POSITION (GPS)
LAT: 49 00 87
LONG: 125 09 84

ROSETTE LOG

MISSION ID: 2005-07STATION: LF08CAST NUMBER: 027

UTC DATE (dd/mm/yyyy):

APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	133	1233	2.826	86	✓ 80	✓		✓	✓									
2	134	1231	2.862	75	✓			✓	✓									
3	135	1228	4.043	50	✓			✓	✓	✓								
4	136	1223	5.421	30	✓			✓	✓									
5	137	1225	5.743	20	✓			✓	✓									
6	138	1216	6.066	10	✓			✓	✓									
7	139	1248	6.389	5	✓			✓	✓									
8	140	1237	8.020	0	✓ 2			✓	✓									
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Comments:

SHIP: VECTORENTERED BY: A.D.CHECKED BY: H.M.Bottom Depth: 84Cast # down: 027

Cast # up:

Time LOC UTC

Begin: 21 44Bottom: 21 46End: 21 54

START POSITION (GPS)

LAT: 49 00 69LONG: 125 10 23

BOTTOM POSITION (GPS)

LAT: 49 00 69LONG: 125 10 22

END POSITION (GPS)

LAT: 49 00 70LONG: 125 10 26

ROSETTE LOG

MISSION ID: 2005-07STATION: EF 9CAST NUMBER: 028UTC DATE (dd/mm/yyyy): APR 20/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL							
1	141	1241	4.156	60	✓ 55	✓	✓	✓											
2	142	1247	4.006	50	✓			✓											
3	143	1235	5.304	30	✓			✓											
4	144	1258	5.823	20	✓			✓											
5	145	1260	6.109	10	✓			✓											
6	146	1270	6.170	5	✓			✓											
7	147	1279	7.502	0	✓ 2			✓											
8																			
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Comments:

SHIP: VECTORENTERED BY: A.D.CHECKED BY: U.M.

Bottom Depth:

Cast # down: 028

Cast # up:

Time LOC UTC

Begin: 2215Bottom: 2217End: 2224

START POSITION (GPS)

LAT: 49 00 10LONG: 125 10 84

BOTTOM POSITION (GPS)

LAT: 49 00 10LONG: 125 10 84

END POSITION (GPS)

LAT: 49 00 10LONG: 125 10 84

ROSETTE LOG

MISSION ID: Z005-07 STATION: C407 CAST NUMBER: 030 UTC DATE (dd/mm/yyyy): APR

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL			NUT		TCO		C13					
1	148	1233	6.235	110	✓ 91	✓	✓	✓	✓									
2	149	1231	6.204	100	✓ 91			✓	✓									
3	150	1228	6.215	75	✓			✓	✓									
4	151	1223	6.388	50	✓			✓	✓	✓								
5	152	1225	6.420	30	✓			✓	✓									
6	153	1216	6.414	20	✓			✓	✓									
7	154	1240	6.417	10	✓			✓	✓									
8	155	1237	6.673	5	✓			✓	✓									
9	156	1238	7.021	0				✓	✓									
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Comments: _____

SHIP: VECTOR
ENTERED BY: A.A.
CHECKED BY: H.M.

Bottom Depth: 98

Cast # down: 030
Cast # up: _____

Time	LOC	UTC
Begin:		<u>1758</u>
Bottom:		<u>1801</u>
End:		<u>1811</u>

START POSITION (GPS)
LAT: 49 14 47
LONG: 125 49 23

BOTTOM POSITION (GPS)
LAT: 49 14 46
LONG: 125 49 21

END POSITION (GPS)
LAT: 49 14 43
LONG: 125 49 16

ROSETTE LOG

MISSION ID: 2005-07 STATION: C402 CAST NUMBER: 032 UTC DATE (dd/mm/yyyy): APR 21/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	157	1247	5.875	150	✓ 140	✓	✓	✓										
2	158	1235	6.032	125	✓		✓	✓										
3	159	1258	6.220	100	✓		✓	✓										
4	160	1260	6.300	75	✓		✓	✓	✓									
5	161	1276	6.158	50	✓		✓	✓										
6	162	1279	6.421	30	✓		✓	✓										
7	163	1280	6.399	20	✓		✓	✓										
8	164	1281	6.510	10	✓		✓	✓										
9	165	1284	6.689	5	✓		✓	✓										
10	166	1295	6.726	0	✓ 2		✓	✓										
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Comments:

SHIP: VECTOR
ENTERED BY: A.D.
CHECKED BY: H.M.

Bottom Depth: 146

Cast # down: 032
Cast # up:

Time	LOC	UTC
Begin:		1920
Bottom:		1923
End:		1934

START POSITION (GPS)
LAT: 49 13 99
LONG: 125 45 49

BOTTOM POSITION (GPS)
LAT: 49 14 00
LONG: 125 45 50

END POSITION (GPS)
LAT: 49 13 97
LONG: 125 45 53

ROSETTE LOG

MISSION ID: 2005-07 STATION: C43 CAST NUMBER: 033 UTC DATE (dd/mm/yyyy): APR 21/05

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION			Samples taken												
				Sample Depth	Confirmed	pressure	SAL		NUT		TCO		CI3						
								OXY				ALK		CHL					
1	162	364	6.209	120	✓	100	✓		✓	✓									
2	168	1212	6.156	100	✓	100			✓	✓									
3	169	1206	6.169	75	✓				✓	✓									
4	170	572	6.287	50	✓				✓	✓	✓								
5	171	657	6.211	30	✓				✓	✓									
6	172	708	6.091	20	✓				✓	✓									
7	173	709	6.086	10	✓				✓	✓									
8	174	715	6.201	5	✓				✓	✓									
9	175	727	7.019	0	✓	2			✓	✓									
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Comments:

SHIP: VECTOR
ENTERED BY: A.D.
CHECKED BY: H.M.

Bottom Depth: 108

Cast # down: 033
Cast # up:

Time	LOC	UTC
Begin:		2121
Bottom:		2123
End:		2131

START POSITION (GPS)
LAT: 49 11 54
LONG: 125 45 75

BOTTOM POSITION (GPS)
LAT: 49 11 55
LONG: 125 45 74

END POSITION (GPS)
LAT: 49 11 61
LONG: 125 45 69

ROSETTE LOG

MISSION ID: 2005-07 STATION: C404 CAST NUMBER: 35 UTC DATE (dd/mm/yyyy): APR 21/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	176	1110	5.085	38	✓ 50	✓	✓	✓										
2	177	1126	5.074	30	✓			✓	✓									
3	178	1128	5.604	20	✓			✓	✓									
4	179	1130	5.802	10	✓			✓	✓	✓								
5	180	1134	6.093	5	✓			✓	✓									
6	181	1135	8.235	0	✓ 2			✓	✓									
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Comments:

SHIP: VECTOR
ENTERED BY: A.D.
CHECKED BY: H.M.

Bottom Depth: 57

Cast # down: 35
Cast # up:

Time	LOC	UTC
Begin:		0102
Bottom:		0104
End:		0111

START POSITION (GPS)
LAT: 49 10 68
LONG: 125 40 81

BOTTOM POSITION (GPS)
LAT: 49 10 68
LONG: 125 40 82

END POSITION (GPS)
LAT: 49 10 68
LONG: 125 40 82