

ROSETTE LOG

MISSION ID: 2007-11 STATION: Kn2 CAST NUMBER: 002 UTC DATE (dd/mm/yyyy): 28/03/2007

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	715	4.632	BOT-5	✓ 176	✓✓												
2	2	1105	4.647	150	✓ 150													
3	3	1146	5.055	125	✓ 125													
4	4	1267	4.874	100	✓ 100													
5	5	1268	4.863	75	✓ 75													
6	6	1272	5.426	50	✓ 50			✓										
7	7	1273	5.747	30	✓ 30													
8	8	1274	5.743	20	✓ 20													
9	9	1276	6.147	10	✓ 10													
10	10	1278	6.527	0	1		✓	✓										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: V3C7012
ENTERED BY: ZF
CHECKED BY:

Bottom Depth: 186

Cast # down: 2
Cast # up:

Time	LOC	UTC
Begin:	02:15	
Bottom:	02:15	
End:	02:32	

START POSITION (GPS)
LAT: 50 39 325
LONG: 120 10 981

BOTTOM POSITION (GPS)
LAT: 50 39 316
LONG: 126 10 993

END POSITION (GPS)
LAT: 50 39 297
LONG: 126 10 988

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: Tr C1 CAST NUMBER: 4 UTC DATE (dd/mm/yyyy): 28/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	11	1300	5.591	807-5	✓ 285	✓✓												
2	12	1321	5.820	250	✓ 250													
3	13	1305	5.960	200	✓ 200													
4	14	1301	6.078	175	✓ 175													
5	15	1306	5.656	150	✓ 150													
6	16	1307	5.676	125	✓ 125													
7	17	1309	5.710	100	✓ 100			✓✓										
8	18	1311	5.674	75	✓ 75													
9	19	1314	5.539	50	✓ 50													
10	20	1315	5.854	30	✓ 30													
11	21	1318	5.716	20	✓ 20													
12	22	1319	5.825	10	✓ 10													
13	23	1323	6.685	0	✓ 1			✓	✓									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: V3C70R
 ENTERED BY: EF
 CHECKED BY:

Bottom Depth: 295

Cast # down: 4
 Cast # up:

Time	LOC	UTC
Begin:		<u>03:48</u>
Bottom:		<u>03:54</u>
End:		<u>04:10</u>

START POSITION (GPS)
 LAT: 50 43.602
 LONG: 126 10.921

BOTTOM POSITION (GPS)
 LAT: 50 43.624
 LONG: 126 10.922

END POSITION (GPS)
 LAT: 50 43.628
 LONG: 126 10.817

Comments:

ROSETTE LOG

MISSION ID: 2007-11

STATION: TrC2-5

CAST NUMBER: 5

UTC DATE (dd/mm/yyyy): 28/03/2007

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	1158	5.818	807-5	✓ 266	✓✓												
2	25	1195	5.806	250	- 250													
3	26	1317	5.713	200	- 200													
4	27	1322	5.700	175	- 175													
5	28	1326	6.267	150	- 150													
6	29	1351	5.708	125	- 125													
7	30	1358	5.713	100	- 100			✓✓										
8	31	1361	5.737	75	- 75													
9	32	1362	5.793	50	✓ 50													
10	33	1364	5.817	30	- 30													
11	34	1367	6.037	20	- 20													
12	35	1363	6.286	10	- 10													
13	36	1368	6.948	0				✓	✓									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VZC701

ENTERED BY:

CHECKED BY:

Bottom Depth: 276

Cast # down: 9

Cast # up: 9

Time	LOC	UTC
Begin:		0820
Bottom:		0827
End:		0844

START POSITION (GPS)

LAT: 50 50 41

LONG: 126 19 81

BOTTOM POSITION (GPS)

LAT: 50 50 42

LONG: 126 19 78

END POSITION (GPS)

LAT: 50 50 35

LONG: 126 19 79

ROSETTE LOG

MISSION ID: 2007-11 STATION: PP1 CAST NUMBER: 28 11 UTC DATE (dd/mm/yyyy): 28/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	37	1256	5.56	Bot-10	✓ 140	✓												
2	38	1406	5.708	125	✓ 125													
3	39	1371	5.781	100	✓ 100			✓										
4	40	1373	5.870	75	✓ 75													
5	41	1374	5.906	50	✓ 50													
6	42	1380	5.788	30	✓ 30													
7	43	1381	5.863	20	✓ 20													
8	44	1382	5.926	10	✓ 10													
9	45	1389	7.156	0														
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 150

Cast # down: 11
Cast # up: 11

Time	LOC	UTC
Begin:		0958
Bottom:		1002
End:		1012

START POSITION (GPS)
LAT: 50 48 79
LONG: 126 31 50

BOTTOM POSITION (GPS)
LAT: 50 48 78
LONG: 126 31 48

END POSITION (GPS)
LAT: 50 48 76
LONG: 126 31 38

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: KIN0 CAST NUMBER: 12 UTC DATE (dd/mm/yyyy): 29/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	46			Bot-10	395	✓✓												
2	47			300	300	✓✓												
3	48			250	250	✓✓												
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 400

Cast # down: 12
Cast # up: 12

Time	LOC	UTC
Begin:		1046
Bottom:		1057
End:		1108

START POSITION (GPS)
LAT: 50 51 71
LONG: 126 37 24

BOTTOM POSITION (GPS)
LAT: 50 51 74
LONG: 126 37 24

END POSITION (GPS)
LAT: 50 51 73
LONG: 126 37 19

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: WP CAST NUMBER: 13 UTC DATE (dd/mm/yyyy): 29/03/2007

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	49	1158	6.104	807-5	✓ 173	✓										
2	50	1175	5.970	150	✓ 150											
3	51	1317	6.121	125	✓ 125											
4	52	1322	6.146	100	✓ 100											
5	53	1326	6.19	75	✓ 75			✓								
6	54	1351	6.274	50	✓ 50											
7	55	1358	6.211	30	✓ 30											
8	56	1361		20	✓ 20											
9	57	1362	6.221	10	✓ 10											
10	58	1363	6.565	0	✓ 0		✓	✓								
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

SHIP: VEC 1012
ENTERED BY: EF
CHECKED BY:

Bottom Depth: 183

Cast # down: 13
Cast # up:

Time	LOC	UTC
Begin:		04:12
Bottom:		04:16
End:		04:27

START POSITION (GPS)
LAT: 56 50.87
LONG: 126 56.40

BOTTOM POSITION (GPS)
LAT: 50 50.87
LONG: 126 56.45

END POSITION (GPS)
LAT: 50 50.91
LONG: 126 56.49

Comments: - Oxy Program crashed before end part. is set on Sample #56 bottle 8
- may forget enter cruise info on oxy file
- Rename signal file to 2007-11-0013A, new file 2007-11-0013B

ROSETTE LOG

MISSION ID: 2007-11 STATION: SC CAST NUMBER: 15 UTC DATE (dd/mm/yyyy): 29/03/2007

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	59	1364	2.522	Bot - 10	✓	220	✓✓											
2	60	1367	2.601	200	✓	200												
3	61	1256	2.670	175	✓	175												
4	62	1406	3.270	150	✓	150												
5	63	1371	5.147	125	✓	125												
6	64	1373	5.660	100	✓	100												
7	65	1374	5.484	75	✓	75		✓										
8	66	1380	5.555	50	✓	50												
9	67	1381	5.679	30	✓	30												
10	68	1382	5.751	20	✓	20												
11	69	1389	6.475	10	✓	10												
12	70	1391	7.483	0		0		✓	✓									
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: 07C70K
ENTERED BY: ZC
CHECKED BY:

Bottom Depth: 231

Cast # down: 15
Cast # up:

Time	LOC	UTC
Begin:		05:56
Bottom:		06:02
End:		06:16

START POSITION (GPS)
LAT: 50 53 40
LONG: 126 45 95

BOTTOM POSITION (GPS)
LAT: 50 53 39
LONG: 126 46 19

END POSITION (GPS)
LAT: 50 53 55
LONG: 126 46 61

Comments: * Both Depth is 231, when entering station information, survey depth is typed "215" in Titration

ROSETTE LOG

MISSION ID: 2007-11 STATION: KIN 0 CAST NUMBER: 16 UTC DATE (dd/mm/yyyy): 29/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	71			Bot-5		✓												
2	72			200		✓												
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: V3C70h
ENTERED BY:
CHECKED BY:

Bottom Depth: 400

Cast # down: 16
Cast # up: 16

Time	LOC	UTC
Begin:		0720
Bottom:		0729
End:		0738

START POSITION (GPS)
LAT: 50 51 68
LONG: 126 37 24

BOTTOM POSITION (GPS)
LAT: 50 51 70
LONG: 126 37 23

END POSITION (GPS)
LAT: 50 51 70
LONG: 126 37 23

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: KIN 1.5 CAST NUMBER: 17 UTC DATE (dd/mm/yyyy): 29/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13				
1	73	715	2.368	Bot-5	- 470	✓✓										Bot-8
2	74	1105	2.574	400	- 400	✓✓										
3	75	1146	2.603	300	- 300											
4	76	1267	2.358	250	- 250											
5	77	1268	1.840	200	- 200											
6	78	1272	2.193	175	- 175											
7	79	1273	2.623	150	- 150											
8	80	1274	3.963	125	- 125											
9	81	1276	4.815	100	- 100											
10	82	1278	5.423	75	- 75			✓✓								
11	83	1300	5.160	50	- 50											
12	84	1321	5.362	30	- 30											
13	85	1305	5.711	20	- 20											
14	86	1301	5.743	10	- 10											
15	87	1306	6.691	0				↓	↓							
16																
17																
18																
19																
20																
21																
22																
23																
24																

SHIP: VECTOR
 ENTERED BY: EE
 CHECKED BY:

Bottom Depth: 480

Cast # down: 17

Cast # up: 17

Time	LOC	UTC
Begin:		0827
Bottom:		0836
End:		0858

START POSITION (GPS)
 LAT: 50 56 19
 LONG: 126 28 92

BOTTOM POSITION (GPS)
 LAT: 50 56 20
 LONG: 126 28 94

END POSITION (GPS)
 LAT: 50 56 18
 LONG: 126 28 95

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: WSO.5 CAST NUMBER: 18 UTC DATE (dd/mm/yyyy): 29/03/2007

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	88			307-10	430	✓✓												
2	89			460	400	✓✓												
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 440

Cast # down: 18
Cast # up: 18

Time	LOC	UTC
Begin:		0934
Bottom:		0944
End:		0954

START POSITION (GPS)
LAT: 50 58 56
LONG: 126 30 50

BOTTOM POSITION (GPS)
LAT: 50 58 58
LONG: 126 30 52

END POSITION (GPS)
LAT: 50 58 56
LONG: 126 30 51

ROSETTE LOG

MISSION ID: 2007-11 STATION: W51 CAST NUMBER: 21 19 UTC DATE (dd/mm/yyyy): 29/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	90	1307	1.849	180	✓	✓												
2	91	1309	1.887	175	✓													
3	92	1311	2.374	150	✓													
4	93	1314	3.663	125	✓													
5	94	1315	4.650	100	✓													
6	95	1318	4.534	75	✓													
7	96	1319	5.194	50	✓			✓										
8	97	1323	5.352	30	✓													
9	98	1324	5.857	20	✓													
10	99	1325	5.711	10	✓													
11	100	1327	8.550	0				✓	✓									
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 190

Cast # down: 29 19
Cast # up: 20 19

Time	LOC	UTC
Begin:		1018
Bottom:		1024
End:		1036

START POSITION (GPS)
LAT: 51 01 09
LONG: 126 31 39

BOTTOM POSITION (GPS)
LAT: 51 01 09
LONG: 126 31 36

END POSITION (GPS)
LAT: 51 01 07
LONG: 126 31 38

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: KIN2 CAST NUMBER: 20 UTC DATE (dd/mm/yyyy): 29/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	101			300-10		✓✓												No bottle confirmation
2	102			300		✓✓												
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 376

Cast # down: 20
Cast # up: 20

Time	LOC	UTC
Begin:		1134
Bottom:		1143
End:		1152

START POSITION (GPS)
LAT: 50 55 51
LONG: 126 23 23

BOTTOM POSITION (GPS)
LAT: 50 55 49
LONG: 126 23 23

END POSITION (GPS)
LAT: 50 55
LONG: 126 23

Comments: - NO SAMPLE TAKEN

ROSETTE LOG

MISSION ID: 2007-11 STATION: FIS CAST NUMBER: 23 UTC DATE (dd/mm/yyyy): 29/03/2007

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	103	1158	5.886	BOT-5	317	VV												
2	104	1175	5.778	300	299													
3	105	1317	5.783	250	251													
4	106	1322	3.795	200	201													
5	107	1326	5.815	175	176													
6	108	1351	5.816	150	150													
7	109	1358	5.845	125	125													
8	110	1361	5.879	100	100													
9	111	1362	6.012	75	75			VV										
10	112	1363	6.042	50	50													
11	113	1364	6.069	30	30													
12	114	1367	6.133	20	20													
13	115	1256	6.366	10	10													
14	116	1406	6.459	0	2													
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: VZ C70R
ENTERED BY:
CHECKED BY:

Bottom Depth: 335

Cast # down: 23
Cast # up: 23

Time	LOC	UTC
Begin:		1934
Bottom:		1942
End:		2001

START POSITION (GPS)
LAT: 50 47 04
LONG: 126 38 82

BOTTOM POSITION (GPS)
LAT: 50 47 99
LONG: 126 38 05

END POSITION (GPS)
LAT: 50 47 11
LONG: 126 38 42

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: FISO CAST NUMBER: 24 UTC DATE (dd/mm/yyyy): 29/03/2007

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	117			Bot-10	295	✓												
2	118			200		✓												
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 317 303

Cast # down: 24
Cast # up:

Time	LOC	UTC
Begin:		2042
Bottom:		2051
End:		2059

START POSITION (GPS)
LAT: 50 45 50
LONG: 126 44 29

BOTTOM POSITION (GPS)
LAT: 50 45 52
LONG: 126 44 29

END POSITION (GPS)
LAT: 50 45 55
LONG: 126 44 29

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: QCS1 CAST NUMBER: 25 UTC DATE (dd/mm/yyyy): 29/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	119	1371	5.582	Bot-10	✓ 155													
2	120	1372	5.672	125	✓													
3	121	1374	5.737	100	✓													
4	122	1380	5.800	75	✓			✓										
5	123	1381	5.988	50	✓													
6	124	1382	5.833	30	✓													
7	125	1389	6.043	20	✓													
8	126	1391	6.094	10	✓													
9	127	1368	6.166	0				✓	✓									
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
 ENTERED BY: _____
 CHECKED BY: _____

Bottom Depth: 468 160

Cast # down: 25
 Cast # up: 25

Time	LOC	UTC
Begin:		2151
Bottom:		2155
End:		2205

START POSITION (GPS)
 LAT: 50 40 16
 LONG: 126 46 39

BOTTOM POSITION (GPS)
 LAT: 50 40 19
 LONG: 126 46 46

END POSITION (GPS)
 LAT: 50 40 24
 LONG: 126 46 32

Comments: _____

ROSETTE LOG

MISSION ID: 2007-11 STATION: KNL CAST NUMBER: 28 UTC DATE (dd/mm/yyyy): 30/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	128	1158	5.377	80T-5	✓ 238	✓✓												
2	129	1175	5.273	200	✓ 200													
3	130	1317	5.322	175	✓ 175													
4	131	1322	5.295	150	✓ 150													
5	132	1326	5.285	125	✓ 125													
6	133	1351	5.365	100	✓ 100													
7	134	1358	5.410	75	✓ 75			✓✓										
8	135	1361	5.528	50	✓ 50													
9	136	1362	5.775	30	✓ 30													
10	137	1363	6.375	20	✓ 20													
11	138	1364	6.222	10	✓ 10													
12	139	1367	6.323	0	✓ 0			✓✓										
13																		
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SHIP: VECTON
ENTERED BY: EF
CHECKED BY:

Bottom Depth: 247

Cast # down: 28

Cast # up:

Time	LOC	UTC
Begin:		05:32
Bottom:		05:37
End:		05:51

START POSITION (GPS)
LAT: 50 38.102
LONG: 126 25.510

BOTTOM POSITION (GPS)
LAT: 50 38.093
LONG: 126 25.570

END POSITION (GPS)
LAT: 50 38.148
LONG: 126 25.625

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: KN3 CAST NUMBER: 31 UTC DATE (dd/mm/yyyy): 30/03/2007

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	140	1256	4.693	Bot-5	-	185	W											
2	141	1406	4.956	150	-	150												
3	142	1371	4.971	125	-	125												
4	143	1373	4.898	100	-	100												
5	144	1374	4.731	75	-	75		W										
6	145	1380	5.002	50	-	50												
7	146	1381	5.352	30	-	30												
8	147	1382	5.478	20	-	20												
9	148	1389	5.682	10	-	10												
10	149	1391	6.326	0														
11																		
12																		
13																		
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Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 196

Cast # down: 31
Cast # up: 31

Time	LOC	UTC
Begin:		0833
Bottom:		0839
End:		0852

START POSITION (GPS)
LAT: 50 40 19
LONG: 126 04 03

BOTTOM POSITION (GPS)
LAT: 50 40 20
LONG: 126 04 11

END POSITION (GPS)
LAT: 50 40 19
LONG: 126 04 01

ROSETTE LOG

MISSION ID: 2007-11

STATION: KNH

CAST NUMBER: 32

UTC DATE (dd/mm/yyyy):

30/03/2007

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	150			Bot-10	435	vv												
2	151			400	399	vv												
3	152			300	301	vv												
4																		
5																		
6																		
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SHIP: Vector

ENTERED BY:

CHECKED BY:

Bottom Depth: 447

Cast # down: 32

Cast # up: 32

Time	LOC	UTC
Begin:		0930
Bottom:		0943
End:		0956

START POSITION (GPS)

LAT: 50 40 89

LONG: 125 56 23

BOTTOM POSITION (GPS)

LAT: 50 40 91

LONG: 125 56 24

END POSITION (GPS)

LAT: 50 40 91

LONG: 125 56 20

ROSETTE LOG

MISSION ID: 2007-11

STATION: KN5

CAST NUMBER: 33

UTC DATE (dd/mm/yyyy):

30/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	153	715	2.882	Bot-10	✓ 390	✓												
2	154	1105	2.822	300	✓ 300	✓												
3	155	1146	2.852	250	✓ 250													
4	156	1267	2.789	200	✓ 200													
5	157	1268	3.369	175	✓ 175													
6	158	1272	2.338	150	✓ 150			✓										
7	159	1273	4.137	125	✓ 125													
8	160	1274	4.563	100	✓ 100													
9	161	1276	4.834	75	✓ 75													
10	162	1278	4.943	50	✓ 50													
11	163	1300	5.124	30	✓ 29													
12	164	1321	5.250	20	✓ 20													
13	165	1305	5.308	10	✓ 10													
14	166	1301	6.275	0														
15																		
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24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 394

Cast # down: 33
Cast # up: 33

Time	LOC	UTC
Begin:		1038
Bottom:		1049
End:		

START POSITION (GPS)
LAT: 50 41 62
LONG: 125 46 98

BOTTOM POSITION (GPS)
LAT: 50 41 56
LONG: 125 46 99

END POSITION (GPS)
LAT: 50 41 55
LONG: 125 46 97

ROSETTE LOG

MISSION ID: 2007-11 STATION: KNS CAST NUMBER: 35 UTC DATE (dd/mm/yyyy): 30/03/2007

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	168			307-5	391	✓✓												
2	169			300	300	✓✓												
3																		
4																		
5																		
6																		
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SHIP: VECTON
ENTERED BY: EF
CHECKED BY:

Bottom Depth: 400

Cast # down: 35
Cast # up:

Time	LOC	UTC
Begin:		15:50
Bottom:		16:00
End:		16:10

START POSITION (GPS)
LAT: 50 41.62
LONG: 125 46.99

BOTTOM POSITION (GPS)
LAT: 50 41.587
LONG: 125 47.02

END POSITION (GPS)
LAT: 50 41.59
LONG: 125 47.05

Comments:

ROSETTE LOG

MISSION ID: 2007-11 STATION: KNY CAST NUMBER: 38 UTC DATE (dd/mm/yyyy): 30/03/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	170			307-5	420	✓✓												
2	171		400	300		✓✓												
3																		
4																		
5																		
6																		
7																		
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SHIP: VEC70R
ENTERED BY: BT
CHECKED BY:

Bottom Depth: 420

Cast # down: 38
Cast #-up: 38

Time	LOC	UTC
Begin:		1900
Bottom:		1908
End:		1919

START POSITION (GPS)
LAT: 50 40 63
LONG: 125 56 101

BOTTOM POSITION (GPS)
LAT: 50 40 65
LONG: 125 55 95

END POSITION (GPS)
LAT: 50 40 62
LONG: 125 55 89

ROSETTE LOG

MISSION ID: 2007-11 STATION: Knl-5 CAST NUMBER: 47 UTC DATE (dd/mm/yyyy): 2007-03-31

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	172			240		✓												
2	173			200		✓												
3																		
4																		
5																		
6																		
7																		
8																		
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SHIP:
ENTERED BY: DS
CHECKED BY:

Bottom Depth: 247

Cast # down: 46
Cast # up:

Time LOC UTC
Begin: 108
Bottom:
End:

START POSITION (GPS)
LAT: 50°38'31"
LONG: 126 17-585

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2007-11 STATION: CC1 CAST NUMBER: 49 UTC DATE (dd/mm/yyyy): 31/03/2007

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	174	715	Crashed	BOT-5	✓ 107	✓												
2	175	1105	5.372	75	✓ 75													
3	176	1146	5.545	50	✓ 50			✓										
4	177	1267	5.640	30	✓ 30													
5	178	1268	5.811	20	✓ 20													
6	179	1272	6.019	10	✓ 10													
7	180	1273	6.313	0	✓ 0													
8																		
9																		
10																		
11																		
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24																		

Comments: Sample 1 crashed prior

SHIP: VECTOR
ENTERED BY: EF
CHECKED BY:

Bottom Depth: 117

Cast # down: 49
Cast # up:

Time	LOC	UTC
Begin:		18.43
Bottom:		18.46
End:		

START POSITION (GPS)
LAT: 50 36.319
LONG: 126 31.391

BOTTOM POSITION (GPS)
LAT: 50 36.317
LONG: 126 31.377

END POSITION (GPS)
LAT: 50 36.324
LONG: 126 31.341