

ROSETTE LOG

MISSION ID: 2006-10 STATION: EFF03 CAST NUMBER: 003 UTC DATE (dd/mm/yyyy): 02/06/2006

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	001	1270	0.00	Bt-5	H2S✓		✓											Messenger sent @ 0914 PDT
2	002	1479	0.00	Bt-15	H2S✓		✓											
3																		
4																		
5																		
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Comments:

SHIP:

ENTERED BY: LUCIUS P

CHECKED BY:

Bottom Depth: 119.5

Cast # down:

Cast # up:

TimeLOCUTC

Begin: 09061606

Bottom:

End:

START POSITION (GPS)

LAT: 49.0425

LONG: 125.0940

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-10 STATION: EFFO 5 CAST NUMBER: 005 UTC DATE (dd/mm/yyyy): 02/06/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	003	1481	0.00	203	14.25	✓	✓											messenger release 10:10 PDT
2	004	1482	0.054	191	no H ₂ S	✓	✓											
3																		
4																		
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SHIP:
ENTERED BY: Lucius P
CHECKED BY:

Bottom Depth: 208

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	1002	1702
Bottom:		
End:		

START POSITION (GPS)
LAT: 49 02.84
LONG: 125 09.15

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2006-10 STATION: EFF 10 CAST NUMBER: 10 UTC DATE (dd/mm/yyyy): 02/06/2006 PDT

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	5	1483	3.582	93		✓	✓											messenger sent @ 1213 PDT
2	6	1484	3.533	83		✓	✓											
3																		
4																		
5																		
6																		
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Comments:

SHIP:
ENTERED BY: Lucas P
CHECKED BY:

Bottom Depth: 95

Cast # down:
Cast # up:

Time LOC UTC
Begin: 1208 1908
Bottom:
End:

START POSITION (GPS)
LAT: 43 59.84
LONG: 125 11.23

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2006-10 STATION: TRC 2.5 CAST NUMBER: 13 UTC DATE (dd/mm/yyyy): 07/06/06

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	7	1270	4.315	B-10	275	X	✓											
2	8	1479	4.314	250	✓	X												
3	9	1481	4.364	200	✓	X												
4	10	1482	4.420	175	✓													
5	11	1483	4.515	150	✓													
6	12	1484	4.534	125	✓													
7	13	1284	4.749	100	✓													
8	14	1342	5.038	75	✓													BUBBLE ON LENSE
9	15	1485	5.552	50	✓													
10	16	1295	5.538	30	✓													
11	17	1332	5.559	20	✓													
12	18	1465	5.840	10	✓													
13	19	1336	8.688	0	✓													
14																		
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23																		
24																		

Comments: RED BOX

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

Bottom Depth:

Cast # down: 13
Cast # up:

Time	LOC	UTC
Begin:		0346
Bottom:		0351
End:		0406

START POSITION (GPS)
LAT: 50 50 39
LONG: 126 19 73

BOTTOM POSITION (GPS)
LAT: 50 50 38
LONG: 126 19 69

END POSITION (GPS)
LAT: 50 50 39
LONG: 126 19 71

ROSETTE LOG

MISSION ID: 2006-10

STATION: B051

CAST NUMBER: 14

UTC DATE (dd/mm/yyyy): 07/06/06

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	20	1476	4.490	B-10	✓ 110		✓											#14 ↑
2	21	1464	4.531	100	✓													
3	22	1466	4.695	75	✓													
4	23	1335	5.124	50	✓													
5	24	1467	5.477	30	✓													
6	25	1468	5.606	20	✓													
7	26	1470	5.750	10	✓													
8	27	1471	8.372	0	✓													
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Comments:

RED BOX 14 ↑

SHIP: VECTOR

ENTERED BY: H.M.

CHECKED BY: H.M.

Bottom Depth:

Cast # down: 14

Cast # up:

TimeLOCUTC

Begin:0500

Bottom:0503

End:0512

START POSITION (GPS)

LAT: 50 51 80

LONG: 126 10 85

BOTTOM POSITION (GPS)

LAT: 50 51 80

LONG: 126 10 86

END POSITION (GPS)

LAT: 50 51 80

LONG: 126 10 86

ROSETTE LOG

MISSION ID: 2006-10 STATION: TS1 CAST NUMBER: 17 UTC DATE (dd/mm/yyyy): 07/06/06

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	28	1270	4.569	8-10	✓ 167		✓											
2	29	1479	4.607	125	✓													
3	30	1481	4.724	100	✓													
4	31	1482	5.098	75	✓													
5	32	1483	5.176	50	✓													
6	33	1484	5.320	30	✓													
7	34	1485	5.437	20	✓													
8	35	1342	5.821	10	✓													
9	36	1284	8.808	0	✓		✓											AIR BUBBLE IN SAMPLE
10																		
11																		
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Comments: RED BOX

SHIP: VECTOR
ENTERED BY: H.M / DSS
CHECKED BY:

Bottom Depth: 172

Cast # down: 017
Cast # up: 017

Time	LOC	UTC
Begin:		
Bottom:		0727
End:		0743

START POSITION (GPS)
LAT: 50° 47.201
LONG: 126° 2.341

BOTTOM POSITION (GPS)
LAT: 50° 47.202
LONG: 126° 2.324

END POSITION (GPS)
LAT: 50° 47.202
LONG: 126° 2.305

ROSETTE LOG

MISSION ID: 2006-10 STATION: TrC1 CAST NUMBER: 21 018 UTC DATE (dd/mm/yyyy): 07/06/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	37	1327	4.541	Bot-10	✓ 274	X												
2	38	1329	4.458	250	✓	X												
3	39	1417	4.565	200	✓													
4	40	1421	4.533	175	✓													
5	41	1460	4.563	150	✓													
6	42	1438	4.591	125	✓													
7	43	1439	4.693	100	✓													
8	44	1440	4.991	75	✓													
9	45	1441	5.301	50	✓													
10	46	1442	5.265	30	✓													
11	47	1443	5.365	20	✓													
12	48	1462	6.092	10	✓													
13	49	1445	8.347	0														
14																		
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SHIP: VECTOR
 ENTERED BY: DJS
 CHECKED BY: _____

Bottom Depth: 275-284

Cast # down: 018
 Cast # up: 018

Time	LOC	UTC
Begin:		<u>0834</u>
Bottom:		<u>0845</u>
End:		<u>0909</u>

START POSITION (GPS)
 LAT: 50° 43.618
 LONG: 126° 10.819

BOTTOM POSITION (GPS)
 LAT: 50° 43.636
 LONG: 126° 10.835

END POSITION (GPS)
 LAT: 50° 43.644
 LONG: 126° 10.939

Comments: BLACK BOX

ROSETTE LOG

MISSION ID: 2006-10

STATION: FCS

CAST NUMBER: 022

UTC DATE (dd/mm/yyyy): 8/06/2006

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	53	1270	4.114	Bot-10	✓	324	X	↑										
2	54	1479	4.167	250	✓													
3	55	1481	4.162	200	✓													
4	56	1482	4.193	175	✓													
5	57	1483	4.267	150	✓													
6	58	1484	4.276	125	✓													
7	59	1485	4.388	100	✓													
8	60	1342	4.775	75	✓													BUBBLE ON LENSE
9	61	1284	5.188	50	✓													
10	62	1295	5.397	30	✓													
11	63	1332	5.564	20	✓													
12	64	1465	5.864	10	✓													
13	65	—		0	✓			↓										NO Oin SAMPLE?
14																		
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23																		
24																		

Comments:

RED DO BOX

SHIP: VECTOR

ENTERED BY: DJS

CHECKED BY:

Bottom Depth: 335

Cast # down: 022

Cast # up: 022

Time	LOC	UTC
Begin:		0233
Bottom:		0242
End:		0303

START POSITION (GPS)

LAT: 50° 47.000

LONG: 126° 36.676

BOTTOM POSITION (GPS)

LAT: 50° 47.020

LONG: 126° 36.672

END POSITION (GPS)

LAT: 50° 47.00

LONG: 126° 36.68

ROSETTE LOG

MISSION ID: 2006-10 STATION: K14 O CAST NUMBER: 023 UTC DATE (dd/mm/yyyy): 08/06/06

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	1346	2.145	B-10	✓ 395	✓		✓										
2	67	1347	2.181	300	✓													
3	68	1349	2.278	250	✓													
4	69	1351	3.372	200	✓													
5	70	1353	4.250	175	✓													
6	71	1354	4.705	150	✓													
7	72	1356	4.941	125	✓													
8	73	1358	5.049	100	✓													
9	74	1360	5.157	75	✓													
10	75	1361	4.800	50	✓													
11	76	1362	4.577	30	✓													
12	77	1364	4.543	20	✓													
13	78	1368	5.814	10	✓													
14	79	1363	8.515	0	✓													
15																		
16																		
17																		
18																		
19																		
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21																		
22																		
23																		
24																		

Comments: GREEN BOX

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

Bottom Depth: 402

Cast # down: 23
Cast # up:

Time	LOC	UTC
Begin:		0415
Bottom:		0424
End:		0445

START POSITION (GPS)
LAT: 50 51.70
LONG: 126 37.19

BOTTOM POSITION (GPS)
LAT: 50 51.71
LONG: 126 37.18

END POSITION (GPS)
LAT: 50 51.71
LONG: 126 37.20

ROSETTE LOG

MISSION ID: 2006-10 STATION: TAC 3 CAST NUMBER: 28 025 UTC DATE (dd/mm/yyyy): 08/06/06

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3						
1	80	1461	4.285	8-10	✓ 220	✓												
2	81	364	4.273	200	✓													
3	82	657	4.326	175	✓													
4	83	708	4.369	150	✓													
5	84	709	4.439	125	✓													
6	85	715	4.564	100	✓													
7	86	727	4.841	75	✓													
8	87	1105	5.313	50	✓													
9	88	1120		30	✓ MISFIRE													DID NOT TRIP
10	89	1130	5.595	20	✓													
11	90	1126	6.332	10	✓													
12	91	1128	8.366	0	✓													
13																		
14																		
15																		
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17																		
18																		
19																		
20																		
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22																		
23																		
24																		

Comments:

BLUE BOXSHIP: VECTORENTERED BY: N. M.

CHECKED BY:

Bottom Depth:

Cast # down: 25

Cast # up:

Time LOC UTC

Begin: 0624Bottom: 0629End: 0646

START POSITION (GPS)

LAT: 50 48 94LONG: 126 25 41

BOTTOM POSITION (GPS)

LAT: 50 48 96LONG: 126 25 40

END POSITION (GPS)

LAT: 50 48 95LONG: 126 25 34

ROSETTE LOG

MISSION ID: 2006-10 STATION: T.C2 CAST NUMBER: 027 UTC DATE (dd/mm/yyyy): June 8, 2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY				ALK		CHL					
1	93	1270	4.370	B-10	*		✓											BUBBLE ON LENSE
2	94	1479	4.303	175			✓											
3	95	1401	4.592	150			✓											
4	96	1402	4.593	125			✓											
5	97	1403	4.663	100			✓											
6	98	1404	5.065	75			✓											
7	99	1405	5.319	50			✓											
8	100	1342	5.399	30			✓											
9	101	1204	5.513	20			✓											
10	102	1295	6.094	10			✓											
11	103	1332	8.535	0			✓											
12																		
13																		
14																		
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24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 216

Cast # down:
Cast # up:

Time LOC UTC
Begin: 0906
Bottom: 0912
End: 0925

START POSITION (GPS)
LAT: 50°49'22.9
LONG: 126°12'6.50

BOTTOM POSITION (GPS)
LAT: 50°49'06.1
LONG: 126°12'6.71

END POSITION (GPS)
LAT: 50°49'25.3
LONG: 126°12'7.70

Comments: RED BOX

ROSETTE LOG

MISSION ID: 2006-10 STATION: RAP CAST NUMBER: 31 028 UTC DATE (dd/mm/yyyy): 08/06/06

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	104	1346	4.184	B-10	✓ 221		✓											
2	105	1347	4.191	175	✓													
3	106	1349	4.232	150	✓													
4	107	1351	4.304	125	✓													
5	108	1353	4.456	100	✓													
6	109	1354	4.874	75	✓													
7	110	1356	5.240	50	✓													
8	111	1358	5.401	30	✓													
9	112	1360	5.456	20	✓													
10	113	1361	5.545	10	✓													
11	114	1362	8.633	0	✓													
12																		
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Comments: GREEN BOY

SHIP: VECTOR
ENTERED BY: H.m.
CHECKED BY:

Bottom Depth: 234

Cast # down: 28
Cast # up:

Time	LOC	UTC
Begin:		1653
Bottom:		1658
End:		1711

START POSITION (GPS)
LAT: 50 46.56
LONG: 126 30.59

BOTTOM POSITION (GPS)
LAT: 50 46.57
LONG: 126 30.61

END POSITION (GPS)
LAT: 50 46.52
LONG: 126 30.71

ROSETTE LOG

MISSION ID: 2006-10

STATION: kin 0

CAST NUMBER: 030

UTC DATE (dd/mm/yyyy): June 8, 06

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	115				Bot	✓												
2	116				Bot-10	✓												
3																		
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5																		
6																		
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Comments:

SHIP: Vector

ENTERED BY:

CHECKED BY:

Bottom Depth: 406

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:	1939	
Bottom:	1949	
End:	1959	

START POSITION (GPS)

LAT: 50 51 678

LONG: 126 37 210

BOTTOM POSITION (GPS)

LAT: 50 51 707

LONG: 126 37 202

END POSITION (GPS)

LAT: 50 51 724

LONG: 126 37 186

ROSETTE LOG

MISSION ID: 2006-10

STATION: SC

CAST NUMBER: 031

UTC DATE (dd/mm/yyyy): 08/06/06

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	117	1270	2.566		Bot-10													
2	118	1479	2.595		800													
3	119	1481	2.806		175													
4	120	1482	3.792		150													
5	121	1483	4.354		125													
6	122	1484	4.933		100													
7	123	1485	5.005		75													
8	124	1342	5.068		50													
9	125	1284	5.129		30													
10	126	1295	5.315		20													
11	127	1332	5.696		10													
12	128	1465	8.102		0													
13																		
14																		
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23																		
24																		

Comments: Red Box

SHIP:

ENTERED BY: 4

CHECKED BY:

Bottom Depth: 235

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:	2101	
Bottom:	2107	
End:	2124	

START POSITION (GPS)

LAT: 50 53 422

LONG: 126 45 737

BOTTOM POSITION (GPS)

LAT: 50 53 417

LONG: 126 45 727

END POSITION (GPS)

LAT: 50 53 419

LONG: 126 45 700

ROSETTE LOG

MISSION ID: 2006-10

STATION: WLP

CAST NUMBER: 033

UTC DATE (dd/mm/yyyy): June 8, 2006

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	129	1461	5.206	8-10			✓											
2	130	364	5.257	150			✓											
3	131	657	5.205	125			✓											
4	132	708	5.269	100			✓											
5	133	709	5.247	75			✓											
6	134	715	5.344	50			✓											
7	135	1406	5.727	30			✓											
8	136	1105	5.640	20			✓											
9	137	1110	5.819	10			✓											
10	138	1130	8.050	0			✓											
11																		
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24																		

Comments:

BLU BOX

SHIP:

ENTERED BY: LP

CHECKED BY:

Bottom Depth: 182

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:	2244	
Bottom:	2248	
End:	2300	

START POSITION (GPS)

LAT: 50°50.855

LONG: 126°56.362

BOTTOM POSITION (GPS)

LAT: 50°50.840

LONG: 126°56.380

END POSITION (GPS)

LAT: 50°50.836

LONG: 126°56.492

ROSETTE LOG

MISSION ID: 2006-10 STATION: QCS1.5 CAST NUMBER: 035 UTC DATE (dd/mm/yyyy): 09/06/2006

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	139	1346	3.846	bot-10	✓ 135													
2	140	1347	3.903	125	✓													
3	141	1349	4.249	100	✓													
4	142	1351	4.853	75	✓													
5	143	1353	5.208	50	✓													
6	144	1354	5.317	30	✓													
7	145	1356	6.196	20	✓													
8	146	1358	7.299	10	✓													
9	147	1360	7.652	0	✓													
10																		
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Comments: Green DO Box

SHIP: VECTOR
ENTERED BY: DJS
CHECKED BY:

Bottom Depth: 144

Cast # down: 035
Cast # up:

Time	LOC	UTC
Begin:		0108
Bottom:		0113
End:		0123

START POSITION (GPS)
LAT: 50° 42.855
LONG: 126° 55.564

BOTTOM POSITION (GPS)
LAT: 50° 42.872
LONG: 126° 55.572

END POSITION (GPS)
LAT: 50° 42.864
LONG: 126° 55.612

ROSETTE LOG

MISSION ID: 2006-10 STATION: RP1 CAST NUMBER: 037 UTC DATE (dd/mm/yyyy): 07/06/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	148	1461	6.342	Bot-10	✓ 70													
2	149	364	5.285	50	✓													
3	150	657	5.644	30	✓													
4	151	708	5.693	20	✓													
5	152	709	6.490	10	✓													
6	153	715	6.996	0	✓													
7																		
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Comments: BLUE BOX

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 80

Cast # down: 037
Cast # up:

Time	LOC	UTC
Begin:		0253
Bottom:		0256
End:		0303

START POSITION (GPS)
LAT: 50° 40.350
LONG: 126° 39.678

BOTTOM POSITION (GPS)
LAT: 50° 40.350
LONG: 126° 39.672

END POSITION (GPS)
LAT: 50° 40.37
LONG: 126° 39.71

ROSETTE LOG

MISSION ID: 2006-10

STATION: SWI

CAST NUMBER: 039

UTC DATE (dd/mm/yyyy): 09/06/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	154	1461	5.750	Bot-10	✓ 65													
2	155	364	5.698	50	✓													
3	156	657	5.715	30	✓													
4	157	708	5.791	20	✓													
5	158	709	5.851	10	✓													
6	159	715	6.002	0	✓													
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Comments:

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 74

Cast # down: 039

Cast # up:

Time	LOC	UTC
Begin:		1811
Bottom:		1814
End:		

START POSITION (GPS)

LAT: 50° 38.105

LONG: 126° 41.030

BOTTOM POSITION (GPS)

LAT: 50° 38.120

LONG: 126° 41.058

END POSITION (GPS)

LAT: 50°

LONG: 126°

ROSETTE LOG

MISSION ID: 2006-10 STATION: KM 1 CAST NUMBER: 41 UTC DATE (dd/mm/yyyy): 09/06/06

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	160	1461	4.797	B-10	✓ 250		✓											
2	161	1434	4.813	200	✓													
3	162	657	4.859	175	✓													
4	163	708	4.885	150	✓													
5	164	709	4.991	125	✓													
6	165	715	5.089	100	✓													
7	166	1486	5.194	75	✓													
8	167	1105	5.332	50	✓													
9	168	1110	5.529	30	✓													
10	169	1130	5.657	20	✓													
11	170	1126	5.685	10	✓													
12	171	1128	6.282	0	✓		✓											
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Comments: BLUE BOX

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

Bottom Depth: 259

Cast # down: 4
Cast # up:

Time	LOC	UTC
Begin:		2041
Bottom:		2047
End:		2102

START POSITION (GPS)
LAT: 50° 38.10
LONG: 126° 25.31

BOTTOM POSITION (GPS)
LAT: 50° 38.10
LONG: 126° 25.27

END POSITION (GPS)
LAT: 50° 38.09
LONG: 126° 25.21

ROSETTE LOG

MISSION ID: 2006-10

STATION: PE-7km

CAST NUMBER: 042

UTC DATE (dd/mm/yyyy): 09/06/06

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	172	1346	4.938	B-10	✓ 115			✓										
2	173	1347	4.929	100	✓													
3	174	1349	5.023	75	✓													
4	175	1351	5.264	50	✓													
5	176	1353	5.307	30	✓													
6	177	1354	5.520	20	✓													
7	178	1356	5.531	10	✓													
8	179	1358	6.425	0	✓													
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Comments:

GREEN BOX

SHIP: VECTOR

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth:

Cast # down: 42

Cast # up:

Time	LOC	UTC
Begin:		2136
Bottom:		2139
End:		2147

START POSITION (GPS)

LAT: 50° 39.31

LONG: 126° 25.29

BOTTOM POSITION (GPS)

LAT: 50° 39.32

LONG: 126° 25.30

END POSITION (GPS)

LAT: 50° 39.33

LONG: 126° 25.31

ROSETTE LOG

MISSION ID: 2006-10 STATION: PE-Stm CAST NUMBER: 47 044 UTC DATE (dd/mm/yyyy): 09/06/2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	180	1461	4.987	B-5	✓ 115													
2	181	1434	4.886	100	✓													
3	182	657	4.941	75	✓													
4	183	708	5.068	50	✓													
5	184	709	5.235	30	✓													
6	185	715	5.344	20	✓													
7	186	1486	5.440	10	✓													
8	187	1105	7.157	0	✓													
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Comments: BLUE BOX

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 4f
Cast # up:

Time	LOC	UTC
Begin:		2226
Bottom:		2229
End:		2239

START POSITION (GPS)
LAT: 50° 39.900' N
LONG: 126° 26.708' W

BOTTOM POSITION (GPS)
LAT: 50° 39.883' N
LONG: 126° 26.701' W

END POSITION (GPS)
LAT: 50° 39.895' N
LONG: 126° 26.708' W

ROSETTE LOG

MISSION ID: 2006-10

STATION: PE-3km

CAST NUMBER: 046 and 48

UTC DATE (dd/mm/yyyy): June 9, 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	188	1346	5.016	B-10			✓											
2	189	1347	5.120	30			✓											
3	190	1349	5.228	20			✓											
4	191	1351	5.502	10			✓											
5	192	1353	6.102	0			✓											
6																		
7																		
8																		
9				PE-1 km														
10	193	1361	5.769	20			✓											
11	194	1362	5.409	10			✓											
12	195	1364	6.574	0			✓											
13																		
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Comments:

GREEN BOX

SHIP:

ENTERED BY: LP

CHECKED BY:

Bottom Depth: 65

Cast # down: 46

Cast # up:

Time	LOC	UTC
Begin:	2340	
Bottom:	2342	
End:	2346	

START POSITION (GPS)

LAT: 50°40.343

LONG: 126°28.207

BOTTOM POSITION (GPS)

LAT: 50°40.344

LONG: 126°28.211

END POSITION (GPS)

LAT: 50°40.338

LONG: 126°28.210

ROSETTE LOG

MISSION ID: 2006-10 STATION: CC 1 CAST NUMBER: 049 UTC DATE (dd/mm/yyyy): June 10, 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	196	1270	5.145		80-10		✓											
2	197	1479	5.185		75		✓											
3	198	1481	5.210		50		✓											
4	199	1482	5.247		30		✓											
5	200	1483	5.239		20		✓											
6	201	1484	5.755		10		✓											
7	202	1485	8.775		0													
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Comments: Red Box

SHIP:
ENTERED BY: LP
CHECKED BY:

Bottom Depth: 116

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	0140	
Bottom:	0143	
End:	0151	

START POSITION (GPS)
LAT: 50°36.304
LONG: 126°21.379

BOTTOM POSITION (GPS)
LAT: 50°36.299
LONG: 126°21.379

END POSITION (GPS)
LAT: 50°36.293
LONG: 126°21.402

ROSETTE LOG

MISSION ID: 1032006-10

STATION: K₂

CAST NUMBER: 052

UTC DATE (dd/mm/yyyy): 10-06-2006

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	203	1461	4.920	B-10	✓ 175			✓										
2	204	1434	4.898	150	✓													
3	205	657	4.946	125	✓													
4	206	708	4.982	100	✓													
5	207	709	5.136	75	✓													
6	208	715	5.107	50	✓													
7	209	1486	5.076	30	✓													
8	210	1105	5.017	20	✓													
9	211	1110	7.978	10	✓													
10	212	1130	9.515	0														
11																		
12																		
13																		
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Comments: BLUE BOX

SHIP: VECTOR

ENTERED BY: H.M.

CHECKED BY:

Bottom Depth: 190

Cast # down: 52

Cast # up:

Time	LOC	UTC
Begin:		0506
Bottom:		0511
End:		0524

START POSITION (GPS)

LAT: 50° 39.307

LONG: 126° 10.988

BOTTOM POSITION (GPS)

LAT: 50° 39.305

LONG: 126° 10.996

END POSITION (GPS)

LAT: 50° 39.308

LONG: 126° 10.981

ROSETTE LOG

MISSION ID: 2006-10 STATION: Kn4 CAST NUMBER: 054 UTC DATE (dd/mm/yyyy): 10/06/2006

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	212			Bot-10	✓ 432	✓												
2	213			400	✓	X												
3	214			350	✓	Y												
4	215			300	✓	Y												
5																		
6																		
7																		
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24																		

Comments:

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 446

Cast # down: 054

Cast # up:

Time	LOC	UTC
Begin:		0655
Bottom:		0706
End:		0720

START POSITION (GPS)

LAT: 56° 40.874

LONG: 125° 56.348

BOTTOM POSITION (GPS)

LAT: 56° 40.855

LONG: 125° 56.448

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2006-10 STATION: Kn 5 CAST NUMBER: 58 055 UTC DATE (dd/mm/yyyy): 10/06/2006

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	216	1346	2.008	393	✓ 393	X	↑											
2	217	1347	3.034	300	✓	X												
3	218	1349	3.424	250	✓													
4	219	1351	3.964	200	✓													
5	220	1353	4.467	175	✓													
6	221	1354	4.618	150	✓													
7	222	1356	4.771	125	✓													
8	223	1358	4.701	100	✓													
9	224	1360	4.543	75	✓													
10	225	1361	4.313	50	✓													
11	226	1362	4.362	30	✓													
12	227	1364	4.836	20	✓													
13	228	1368	7.450	10	✓													
14	229	1363	7.901	0	✓		↓											
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Comments:

GREEN DO BOX

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 405

Cast # down: 055

Cast # up:

Time	LOC	UTC
Begin:		0810
Bottom:		0820
End:		0840

START POSITION (GPS)

LAT: 50° 41.719

LONG: 125° 46.597

BOTTOM POSITION (GPS)

LAT: 50° 41.744

LONG: 125° 46.622

END POSITION (GPS)

LAT: 50° 41.828

LONG: 125° 46.519