

ROSETTE LOG

MISSION ID: 2008-07 STATION: L2d CAST NUMBER: 003 UTC DATE (dd/mm/yyyy): 26/03/2008

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	1	1333	5.849	Bot-5	✓ 160													
2	2	1300	5.744	150	✓ 150													
3	3	1301	5.668	125	✓ 125													
4	4	1302	5.727	100	✓ 100													
5	5	1305	5.739	75	✓ 75													
6	6	1306	5.494	50	✓ 50													
7	7	1307	5.638	30	✓ 30													
8	8	1309	5.469	20	✓ 20			✓										
9	9	1313	5.560	10	✓ 10													
10	10	1314	5.858	0	✓ 3.0		✓	✓										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY: DJS
CHECKED BY:

Bottom Depth: 166

Cast # down: 003
Cast # up: 003

Time	LOC	UTC
Begin:		04:40
Bottom:		04:45
End:		04:59

START POSITION (GPS)
LAT: 50° 39.611
LONG: 126° 6.59

BOTTOM POSITION (GPS)
LAT: 50° 39.612
LONG: 126° 6.58

END POSITION (GPS)
LAT: 50° 39.575
LONG: 126° 6.566

ROSETTE LOG

MISSION ID: 2008-07 STATION: L1D CAST NUMBER: 008 UTC DATE (dd/mm/yyyy): 26/03/2008

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	11	638	3.040	Bot-5	- 320											
2	12	639	3.488	250	- 250											
3	13	647	3.770	200	- 200											
4	14	657	4.443	175	-											
5	15	690	4.756	150	-											
6	16	700	5.113	125	-											
7	17	1110	5.234	100	-											
8	18	712	5.287	75	-											
9	19	1138	5.571	50	-											
10	20	715	5.009	20	-											
11	21	1105	4.877	20	-											
12	22	1106	4.891	10	-											
13	23	1123	6.481	0	-											
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Comments: * computer keypad freeze up

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 326

Cast # down: 8

Cast # up: 8

Time	LOC	UTC
Begin:		0948
Bottom:		0958
End:		1014

START POSITION (GPS)
LAT: 50 41 50
LONG: 125 50 67

BOTTOM POSITION (GPS)
LAT: 50 41 49
LONG: 125 50 66

END POSITION (GPS)
LAT: 50 41 50
LONG: 125 50 66

ROSETTE LOG

MISSION ID: 2008-07 STATION: L3C CAST NUMBER: 013 UTC DATE (dd/mm/yyyy): 26/03/08

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	1146	5.728	80-5	✓ 192													
2	25	1142	5.727	175	175													
3	26	1144	5.727	150	150													
4	27	1487	5.727	125	125													
5	28	1150	5.818	100	100													
6	29	1158	5.915	75	75													
7	30	1174	5.995	50	50													
8	31	1175	6.067	25	30													
9	32	1176	6.061	20	20													
10	33	1180	6.033	10	10													
11	34	1414	6.113	0	3													
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 211

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	18.27	
Bottom:	18.31	
End:	18.40	

START POSITION (GPS)
LAT: 50 38.488
LONG: 126 21.269

BOTTOM POSITION (GPS)
LAT: 50 38.278
LONG: 126 21.277

END POSITION (GPS)
LAT: 50 38.288
LONG: 126 21.292

Comments: DO samples mostly in YELLOW BOX: last sample in BLUE BOX.

ROSETTE LOG

MISSION ID: 2008-07 STATION: CCI CAST NUMBER: 017 UTC DATE (dd/mm/yyyy): 26/03/2008

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	35	1418	6.114	Bot-5	✓ 108		X	X										
2	36	1421	6.072	75	✓ 75		X	X										
3	37	1424	5.816	50	✓ 50		X	X										
4	38	1413	6.081	30	✓ 30		X	X										Sample # 388
5	39	1432	6.166	20	✓ 20		X	X										dup 6.085 flask
6	40	1430	6.209	10	✓ 10		X	X										Sample 38 1453 ✓
7	41	1429	6.260	0	✓ 3		X	X										
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY: ZT
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2008-07 STATION: KNS CAST NUMBER: 018 UTC DATE (dd/mm/yyyy): 27/03/2008

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	42	1333	2.871	bot	390		XX									all
2	43	1300	3.056	300	300											
3	44	1301	3.736	250	250											
4	45	1302	4.806	200	200											
5	46	1305	4.870	175	175											
6	47	1306	5.199	150	150											
7	48	1307	5.288	125	125											
8	49	1309	5.134	100	100											
9	50	1313	4.935	75	75											
10	51	1314	4.895	50	50			X								
11	52	1315	4.513	30	30											
12	53	1318	4.545	20	20											
13	54	1317	4.898	10	10											
14	55	1319	7.036	0	2.8		XX									
15	555	1320	7.042	0	2.8											dupl
16																
17																
18																
19																
20																
21																
22																
23																
24																

Comments: Did a set of oxygen duplicates to test Titando System (SS)

SHIP: VECTOR
ENTERED BY: DS
CHECKED BY: DS

Bottom Depth: 403

Cast # down: 18
Cast # up: 18

Time	LOC	UTC
Begin:		4:38
Bottom:		4:48
End:		

START POSITION (GPS)
LAT: 50 41.597
LONG: 125 47.003

BOTTOM POSITION (GPS)
LAT: 50 41.614
LONG: 125 46.999

END POSITION (GPS)
LAT: 50 41.659
LONG: 125 47.075

ROSETTE LOG

MISSION ID: 2008-07 STATION: KN1 CAST NUMBER: 023 UTC DATE (dd/mm/yyyy): 27/03/2008

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	56	1418	5.919	BOT-5	✓ 25											
2	57	1421	5.817	200	✓ 200											
3	58	1413	5.790	175	✓ 175											
4	59	1453	5.819	150	✓ 150											
5	60	1432	5.831	125	✓ 125											
6	61	1427	5.908	100	✓ 100											
7	62	1428	6.193	75	✓ 75											
8	63	1430	6.141	50	✓ 50			X	X							
9	64	1433	6.207	30	✓ 30											
10	65	1434	6.200	20	✓ 20											
11	66	1451	6.272	10	✓ 10											
12	67	1329	6.352	0	0											
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Comments:

SHIP:
ENTERED BY: ZZ
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	09:45	
Bottom:	09:44	
End:	10:09	

START POSITION (GPS)
LAT: 50 28.090
LONG: 126 25.297

BOTTOM POSITION (GPS)
LAT: 50 38.079
LONG: 126 25.286

END POSITION (GPS)
LAT: 50 38.134
LONG: 126 25.286

ROSETTE LOG

MISSION ID: 2008-07 STATION: Kn2 CAST NUMBER: 025 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						
1	68			bot	✓ 180	✓												
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 192

Cast # down: 025

Cast # up: 025

Time	LOC	UTC
Begin:		
Bottom:		0255
End:		

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 50° 37.311

LONG: 126 11.009

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2008-07 STATION: TxC1 CAST NUMBER: 027 UTC DATE (dd/mm/yyyy): 28/03/2008

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	69	1333	5.888	bottom	282	✓												
2	70	1300	5.737	250	250	✓												
3	71	1301	5.730	200	200	✓												
4	72	1302	5.753	175	175													
5	73	1305	5.734	150	150													
6	74	1306	5.728	125	125													
7	75	1306		100	100													didn't trip
8	76	1309	5.756	75	75													
9	77	1313	5.827	50	50													
10	78	1314	5.994	30	30													
11	79	1315	6.012	20	20													
12	80	1318	6.046	10	10													
13	81	1317	6.336	0	2.9													
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY: DS
CHECKED BY: DS

Bottom Depth: 290

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0444
Bottom:		
End:		

START POSITION (GPS)
LAT: 50°43.50
LONG: 126°10' 89

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 3008-07 STATION: T-C 2.5 CAST NUMBER: 30 UTC DATE (dd/mm/yyyy): 28/03/2008

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	1418	5.761	60+	✓	260	X	X										
2	83	1421	5.702	250	✓	250	X											
3	84	1413	5.705	200	✓	200	X											
4	85	1453	5.763	175	✓	175												
5	86	1432	5.740	150	✓	150												
6	87	1427	5.755	125	✓	125												
7	88	1428	5.886	100	✓	100												
8	89	1430	5.867	75	✓	75												
9	90	1327	6.090	50	✓	50												
10	91	1433	6.293	30	✓	30												
11	92	1434	6.415	20	✓	20												
12	93	1451	6.482	10	✓	10												
13	94	1329	6.604	0	✓	0												
14	822	1429	5.706			260	replicate bot 1											
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY: VECTON
CHECKED BY:

Bottom Depth: 260

Cast # down: 31
Cast # up:

Time	LOC	UTC
Begin:		07:43
Bottom:		07:52
End:		

START POSITION (GPS)
LAT: 50 50.438
LONG: 126 19.771

BOTTOM POSITION (GPS)
LAT: 50 50.431
LONG: 126 19.787

END POSITION (GPS)
LAT: 50 50.420
LONG: 126 19.792

ROSETTE LOG

MISSION ID: 2008-07 STATION: KINO CAST NUMBER: 33 UTC DATE (dd/mm/yyyy): 28/03/2008

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	95	638	2.126	bot	✓	390	x											
2	96	639	2.219	300	✓	300	x											
3	97	647	2.346	250	✓	250												
4	98	657	2.705	200	✓	200												
5	99	690	3.092	175	✓	175	x	x										
6	100	1110	4.390	150	✓	150												
7	101	712	5.516	125	✓	125												
8	102	1138	5.730	100	✓	100												
9	103	715	5.771	75	✓	75												(check sample #'s 1003) OK ✓
10	104	1105	5.516	50	✓	50												
11	105	1106	5.555	30	✓	30												
12	106	1123	5.670	20	✓	20												
13	107	1146	5.568	10	✓	10												
14	108	1142	6.897	0	✓	0		✓	✓									
15	999	700	3.086	175														
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTON
ENTERED BY:
CHECKED BY:

Bottom Depth: 407

Cast # down: 33
Cast # up:

Time	LOC	UTC
Begin:		10:30
Bottom:		10:40
End:		10:59

START POSITION (GPS)
LAT: 50 51 708
LONG: 126 37 502

BOTTOM POSITION (GPS)
LAT: 50 51 688
LONG: 126 37 200

END POSITION (GPS)
LAT: 50 51 688
LONG: 126 37 182

ROSETTE LOG

MISSION ID: 2008-07 STATION: FLS CAST NUMBER: 49 UTC DATE (dd/mm/yyyy): 29/03/2008

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	109	1418	5.773	bottom	323	✓	✓	✓										
2	110	1421	5.650	250	250	✓	✓	✓										
3	111	1413	5.754	200	200		✓	✓										dupl = 1429 - 5.736 ml/L
4	112	1453	5.782	175	175			✓										
5	113	1432	5.837	150	150			✓										
6	114	1427	5.926	125	125			✓										
7	115			100	100			✓										bottle dry - didn't fire
8	116	1430	6.050	75	75			✓										check depth in (amp)
9	117	1327	6.102	50	50			✓										
10	118	1433	6.219	30	30			✓										
11	119	1434	6.439	20	20			✓										
12	120	1451	6.831	10	10			✓										big bubble on lens
13	121	1329	6.869	0	2.8			✓										
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 333

Cast # down:

Cast # up:

Time

LOC

UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2008-07 STATION: F250 CAST NUMBER: 50 UTC DATE (dd/mm/yyyy): 29/03/2008

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	122			bot	313	✓												
2	123			300	300	✓												
3	124			250	250	✓												
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		
End:		

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2008-07

STATION: QCS1

CAST NUMBER: 52

UTC DATE (dd/mm/yyyy): 29/03/2008

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	125	1454	5.440	Bot	✓ 149	X												
2	126	1446	5.483	125	✓ 125													
3	127	1445	5.528	100	✓ 100			X	X									
4	128	1426	5.686	75	✓ 75													
5	129	1443	5.791	50	✓ 50													
6	130	1440	5.962	30	✓ 30													
7	131	1447	5.983	20	✓ 20													
8	132	1213	6.005	10	✓ 10													
9	133	1216	6.005	0	✓ 0			↓	↓									
10	1277	1223	5.547	100		duplicate												
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTON

ENTERED BY: EF

CHECKED BY:

Bottom Depth: 159

Cast # down: 52

Cast # up:

Time LOC UTC

Begin: 0853

Bottom:

End:

START POSITION (GPS)

LAT: 50 40 020

LONG: 126 46 290

BOTTOM POSITION (GPS)

LAT: 50 40 037

LONG: 126 46 288

END POSITION (GPS)

LAT: 50 40 025

LONG: 126 46 286

ROSETTE LOG

MISSION ID: 2008-07 STATION: WP CAST NUMBER: 57 UTC DATE (dd/mm/yyyy): 29/03/2008

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT	TA	TCO		C13						
1	134	639	6.218	180	✓ 173	x												
2	135	657	6.072	150	✓ 150													
3	136	700	6.136	125	✓ 125													
4	137	712	6.331	100	✓ 180													
5	138	715	6.154	75	✓ 75													
6	139	1106	6.1097	50	✓ 50													
7	140	1142	6.303	30	✓ 30													
8	141	1487	6.312	20	✓ 20				x									
9	142	1158	6.622	10	✓ 10													
10	143	1175	6.889	0	✓ 0		✓	✓	✓									
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY: EF

CHECKED BY:

Bottom Depth: 183

Cast # down: 57

Cast # up:

Time LOC UTC

Begin: 20:34

Bottom: 20:38

End: 20:51

START POSITION (GPS)

LAT: 50 50 846

LONG: 126 56 402

BOTTOM POSITION (GPS)

LAT: 50 50 840

LONG: 126 56 360

END POSITION (GPS)

LAT: 50 50 801

LONG: 126 56 315

ROSETTE LOG

MISSION ID: 2008-07 STATION: QCS2 CAST NUMBER: 58

UTC DATE (dd/mm/yyyy):

29/03/2008

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	144	1418	5.163	130T	✓ 215	X												
2	145	1421	5.248	175	✓ 175			X										
3	146	1413	5.374	150	✓ 150													
4	147	1453	5.488	125	✓ 125			X										
5	148	1432	5.609	100	✓ 100													
6	149	1427	5.815	75	✓ 75			X										
7	150	1428	5.887	50	✓ 50													
8	151	1430	6.069	30	✓ 30	X		X										
9	152	1327	6.150	20	✓ 20													
10	153	1433	6.408	10	✓ 10													
11	154	1434	6.421	0	0													
12	1511	1451	6.078	30														
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VGC 7012

ENTERED BY: ZE

CHECKED BY:

Bottom Depth: 225

Cast # down: 58

Cast # up:

Time LOC UTC

Begin: 21.45

Bottom: 21.48

End:

START POSITION (GPS)

LAT: 50 46 51

LONG: 127 02 387

BOTTOM POSITION (GPS)

LAT: 50 46 56

LONG: 127 02 389

END POSITION (GPS)

LAT: 50 46 51

LONG: 127 02 370