

ROSETTE LOG

MISSION ID: 2005-32 STATION: SI CAST NUMBER: 1 UTC DATE (dd/mm/yyyy): 28/11/2005

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

Comments: * station not done

SHIP: Vector
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: 2005-32 STATION: 59 CAST NUMBER: 2 UTC DATE (dd/mm/yyyy): 28/11/2005

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	3	1476	3.015	80T	✓ 227													
2	4	1464	3.015	200	✓ 200													
3	5	1465	3.083	175	✓ 175	x												
4	6	1466	3.246	150	✓ 150													
5	7	1467	3.191	125	✓ 125													
6	8	1468	3.428	100	✓ 100													
7	9	1470	3.926	75	✓ 75													
8	10	1471	4.283	50	✓ 50													
9	11	1473	4.563	30	✓ 30													
10	12	1474	4.700	20	✓ 20													
11	13	1475	4.750	10	✓ 10													
12	14	1477	4.792	5	✓ 5													
13	15	1478	4.823	surf														
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY: MD
CHECKED BY:

Bottom Depth: 227

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	1401	2201
Bottom:	1408	2208
End:	1422	2222

START POSITION (GPS)
LAT: 48 37 782
LONG: 123 14 533

BOTTOM POSITION (GPS)
LAT: 48 37 763
LONG: 123 14 468

END POSITION (GPS)
LAT: 48 37 697
LONG: 123 14 365

ROSETTE LOG

MISSION ID: 2005-32 STATION: 56 CAST NUMBER: 5 UTC DATE (dd/mm/yyyy): 29/11/05

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	16	1479	3.333	80T	✓	212												
2	17	1480	3.259	200	✓													
3	18	1481	3.262	175	✓		X											
4	19	1482	3.554	150	✓	5*												
5	20	1483	3.397	125	✓	4*												
6	21	1484	3.749	100	✓													
7	22	1485	3.959	75	✓													
8	23	1342	4.005	50	✓													
9	24	1284	4.591	30	✓													
10	25	1295	4.679	20	✓													
11	26	1332	4.628	10	✓													
12	27	1335	4.672	5	✓													
13	28	1336	4.717	smf				✓	✓									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY: PA
CHECKED BY: PD

Bottom Depth: 212

Cast # down: 5
Cast # up: 5

Time	LOC	UTC
Begin:	107	
Bottom:	113	
End:	124	

START POSITION (GPS)
LAT: 48 46 315
LONG: 123 1 638

BOTTOM POSITION (GPS)
LAT: 48 46 295
LONG: 123 1 746

END POSITION (GPS)
LAT: 48 46 319
LONG: 123 1 882

Comments: BOT 4 Z=125
5 Z=150 ZD

ROSETTE LOG

MISSION ID: 2005-32

STATION: 62

CAST NUMBER: 11

UTC DATE (dd/mm/yyyy):

29/11/2005

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	29	1476	2.889	201	✓ 145													
2	30	1464	2.863	125	✓ 125	x												
3	31	1463	3.065	100	✓ 100													
4	32	1466	3.895	75	✓ 75													
5	33	1467	4.430	50	✓ 50													
6	34	1468	4.748	30	✓ 30													
7	35	1470	4.897	20	✓ 20													
8	36	1471	5.008	10	✓ 10													
9	37	1473	5.005	5	✓ 5													
10	38	1474	5.002	surf	✓													
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector2

ENTERED BY:

CHECKED BY:

Bottom Depth: 146

Cast # down: 63

Cast # up: 63

Time	LOC	UTC
Begin:	122	922
Bottom:	122	927
End:	135	935

START POSITION (GPS)

LAT: 48 22 914

LONG: 123 02 467

BOTTOM POSITION (GPS)

LAT: 48 22 96

LONG: 123 02 509

END POSITION (GPS)

LAT: 48 22 958

LONG: 123 02 504

Comments:

ROSETTE LOG

MISSION ID: 2005-32 STATION: 65 CAST NUMBER: 14 UTC DATE (dd/mm/yyyy): 29/11/05

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	39	1479	2.792	Bot	✓													
2	40	1480	2.816	100	✓													
3	41	1481	3.001	75	✓													
4	42	1482	3.578	50	✓													
5	43	1483	4.342	30	✓													Sm bubble
6	44	1484	4.696	20	✓													
7	45	1485	5.013	10	✓													
8	46	1342	5.094	5	✓													
9	47	1284	5.126	Surf	✓													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vekna
ENTERED BY:
CHECKED BY: JVT

Bottom Depth: 122

Cast # down: 14
Cast # up: 14

Time	LOC	UTC
Begin:	1235	
Bottom:	1239	
End:	1243	

START POSITION (GPS)
LAT: 48 15 894
LONG: 123 9 866

BOTTOM POSITION (GPS)
LAT: 48 15 893
LONG: 123 9 883

END POSITION (GPS)
LAT: 48 15 884
LONG: 123 9 883

ROSETTE LOG

MISSION ID: 2005-32 STATION: ADCP CAST NUMBER: 17 UTC DATE (dd/mm/yyyy): 29/11/2005

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	46	1295	2.419	Bot	✓	115												
2	49	1332	2.379	100	✓	X												
3	56	1335	2.485	75	✓													
4	51	1336	3.592	50	✓													
5	52	1476	4.060	30	✓													
6	53	1464	4.423	20	✓													Sm bubble
7	54	1465	4.938	10	✓													Bubble on lens in titration *
8	55	1466	5.672	5	✓													
9	56	1467	4.912	Surf	✓													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 119

Cast # down: 17
Cast # up: 17

Time	LOC	UTC
Begin:	1501	
Bottom:	1504	
End:	1509	

START POSITION (GPS)
LAT: 48 14 08.7
LONG: 123 18 09.0

BOTTOM POSITION (GPS)
LAT: 48 14 09.6
LONG: 123 18 18.0

END POSITION (GPS)
LAT: 48 14 08.8
LONG: 123 18 31.2

Comments: * Bubble on lens during titration caused sample 55 to stop titration prematurely.

ROSETTE LOG

MISSION ID: 2005-32 STATION: 102 CAST NUMBER: 20 UTC DATE (dd/mm/yyyy): 29/11/2005

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	57	1479	1.826	BOT	✓ 253													
2	58	1480	1.771	250	✓ 250													
3	59	1481	1.987	200	✓ 200													
4	60	1482	2.134	175	✓ 175	Y												
5	61	1483	2.645	150	✓ 150													
6	62	1484	3.255	125	✓ 125													
7	63	1485	4.121	100	✓ 100													
8	64	1342	4.749	75	✓ 75													
9	65	1284	5.320	50	✓ 50													
10	66	1295	5.692	30	✓ 30													
11	67	1332	5.819	20	✓ 20								XX					
12	68	1335	5.945	10	✓ 10								XX					
13	69	1336	6.159	5	✓ 5								XX					
14	70	1476	6.172	SIM	✓ 2													
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 254

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	1516	2316
Bottom:	1522	2322
End:	1534	2334

START POSITION (GPS)
LAT: 48 29 946
LONG: 124 43 943

BOTTOM POSITION (GPS)
LAT: 48 29 983
LONG: 124 44 024

END POSITION (GPS)
LAT: 48 29 966
LONG: 124 44 068

Comments:

ROSETTE LOG

MISSION ID: 2005-32 STATION: 75 CAST NUMBER: 22* UTC DATE (dd/mm/yyyy): 30/11/2005

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	71	1465	1.932	80T	✓													
2	72	1466	1.898	200	✓													
3	73	1467	1.928	175	✓	✓												
4	74	1468	2.114	156	✓													
5	75	1470	3.021	125	✓													
6	76	1471	3.328	100	✓													
7	77	1473	4.128	75	✓													
8	78	1474	4.591	50	✓													
9	79			30	✓													
10	80	1475	4.994	20	✓							XX						
11	81	1478	4.945	10	✓							XX						
12	82	1248	5.068	5	✓							XX						
13	83	1233	5.148	surf	✓													
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY: K

Bottom Depth: 222

Cast # down: 23
Cast # up: 23

Time	LOC	UTC
Begin:	227	
Bottom:	233	
End:	240	

START POSITION (GPS)
LAT: 48 28 236
LONG: 124 33 092

BOTTOM POSITION (GPS)
LAT: 48 28 314
LONG: 124 33 377

END POSITION (GPS)
LAT: 48 28 442
LONG: 124 33 689

Comments: Bottle #9 didn't fire

ROSETTE LOG

MISSION ID: 2005-32 STATION: 72 CAST NUMBER: 26 UTC DATE (dd/mm/yyyy): 30/11/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	84	1346	2.103	Bot	✓ 185													
2	85	1347	2.1038	175	✓													
3	86	1349	2.1089	150	✓													
4	87	1351	2.115	125	✓													
5	88	1352	2.1657	100	✓													
6	89	1353	2.1984	75	✓													
7	90	1354	3.928	50	✓													
8	91	1356	4.792	30	✓													
9	92	1358	4.948	20	✓													
10	93	1360	5.082	10	✓													
11	94	1361	5.219	5	✓ 6.25													colorimeter not giving valid
12	95	1362	5.252	surf	✓													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY: _____
CHECKED BY: _____

Bottom Depth: 190

Cast # down: _____
Cast # up: _____

Time	LOC	UTC
Begin:		
Bottom:		
End:		

→ end point error

START POSITION (GPS)
LAT: _____
LONG: _____

BOTTOM POSITION (GPS)
LAT: _____
LONG: _____

END POSITION (GPS)
LAT: _____
LONG: _____

ROSETTE LOG

MISSION ID: 2005-32 STATION: 69 CAST NUMBER: 29 UTC DATE (dd/mm/yyyy): 30/11/2005

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	96	1479	2.111	BOT	✓ 1.76													
2	97	1480	2.117	150	✓ 150													
3	98	1481	2.188	125	✓ 125													
4	99	1482	2.789	100	✓ 100													
5	100	1483	3.801	75	✓ 75													
6	101	1484	4.267	50	✓ 50													
7	102	1485	4.271	40	✓ 40													
8	103	1342	4.371	30	✓ 30													
9	104	1284	4.839	20	✓ 20													
10	105	1295	4.875	10	✓ 10													
11	106	1332	4.976	5	✓ 5													
12	107	1335	5.020	surf	✓													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	0145	0945
Bottom:	0150	0950
End:	0157	0957

START POSITION (GPS)
LAT: 48 15 586
LONG: 123 43 163

BOTTOM POSITION (GPS)
LAT: 48 15 550
LONG: 123 43 092

END POSITION (GPS)
LAT: 48 15 514
LONG: 123 42 888

ROSETTE LOG

MISSION ID: 2005-32

STATION: 46

CAST NUMBER: 39

UTC DATE (dd/mm/yyyy):

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	108	1346	3.970	Bot	✓	174													
2	109	1347	3.966	150	✓														
3	110	1349	4.121	125	✓														
4	111	1351	4.156	100	✓														
5	112	1352	4.325	75	✓														
6	113	1353	4.483	50	✓														
7	114	1354	4.598	30	✓														
8	115	1356	5.045	20	✓														
9	116	1358	5.394	10	✓														
10	117	1360	5.400	5	✓														
11	118	1361	5.482	Surf	✓														
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: Vector

ENTERED BY:

CHECKED BY:

Bottom Depth: 177

Cast # down: 39

Cast # up: 39

Time	LOC	UTC
Begin:	1255	2055
Bottom:	1259	2059
End:	1305	2105

START POSITION (GPS)		
LAT:	48 51	398
LONG:	123 10	741

BOTTOM POSITION (GPS)		
LAT:	48 51	377
LONG:	123 10	658

END POSITION (GPS)		
LAT:	48 51	382
LONG:	123 10	588

Comments:

ROSETTE LOG

MISSION ID: 2005-32 STATION: 42 CAST NUMBER: 41 UTC DATE (dd/mm/yyyy): 30/11/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL						
1	119	1480	3.284	807	✓	315												Problem with colorimeter titration incomplete
2	120	1479	1.461	300	✓													
3	121	1481	2.801	250	✓													
4	122	1482	3.093	200	✓													
5	123	1483	3.157	175	✓													
6	124	1484	3.273	150	✓													Phyto in sample wrong sample no. *
7	125	1485	4.181	125	✓													
8	126	1342	4.299	100	✓													
9	127	1284	4.365	75	✓													
10	128	1295	4.377	50	✓													
11	129	1332	4.232	30	✓													
12	130	1335	4.908	20	✓													
13	131	1336	5.848	10	✓							xy						
14	132	1476	6.256	5	✓							xy						
15	133	1464	6.233	Surf	✓							xy						
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 320

Cast # down: 41
Cast # up: 41

Time LOC UTC

Begin: 319 2319

Bottom: 326 2326

End: 336 2336

START POSITION (GPS)

LAT: 49 01 805

LONG: 123 26 208

BOTTOM POSITION (GPS)

LAT: 49 01 823

LONG: 123 26 208

END POSITION (GPS)

LAT: 49 01 849

LONG: 123 26 216

Comments: Sample no 126 is labelled sample no 100 in file. Corrected 2005/12/05 DA

ROSETTE LOG

MISSION ID: 2005-32 STATION: 39 CAST NUMBER: 45 UTC DATE (dd/mm/yyyy): 11/21/2005

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	134	1346	2.594	bot	✓													
2	135	1347	2.598	350	✓													
3	136	1349	2.759	300	✓													
4	137	1351	2.796	250	✓													
5	138	1352	2.888	200	✓													
6	139	1353	2.981	175	✓													
7	140	1354	3.341	150	✓													
8	141	1356	3.460	125	✓	x												
9	142	1358	3.492	100	✓													
10	143	1360	3.737	75	✓													
11	144	1361	3.594	50	✓													
12	145	1362	4.616	30	✓													
13	146	1364	5.038	20	✓													
14	147	1363	5.654	10	✓								xy					
15	148	1368	6.390	5	✓								xy					
16	149	1367	6.755	0	✓								xy					
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY: *TH*

Bottom Depth: 371

Cast # down: 45
Cast # up: 45

Time	LOC	UTC
Begin:	303	
Bottom:	312	
End:	324	

START POSITION (GPS)
LAT: 49 9 8.22
LONG: 123 32 941

BOTTOM POSITION (GPS)
LAT: 49 98.65
LONG: 123 32 946

END POSITION (GPS)
LAT: 49 9 906
LONG: 123 33 068

Comments:

ROSETTE LOG

MISSION ID: 2005-32

STATION: 27

CAST NUMBER: 48

UTC DATE (dd/mm/yyyy): 01/12/2005

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	150	1480	2.707	Bot	✓	339													
2	151	1479	2.713	300	✓														
3	152	1481	2.661	250	✓														
4	153	1482	2.637	200	✓														
5	154	1483	2.783	175	✓														
6	155	1484	2.987	150	✓														
7	156	1485	3.217	125	✓														
8	157	1342	3.465	100	✓														
9	158	1284	3.073	75	✓														
10	159	1295	3.499	50	✓														
11	160	1332	4.070	30	✓														
12	161	1335	4.454	20	✓														
13	162	1336	5.309	10	✓														
14	163	1476	5.866	5	✓														
15	164	1464	6.263	surf	✓														
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SHIP: Vector

ENTERED BY:

CHECKED BY:

Bottom Depth: 342

Cast # down:

Cast # up:

TimeLOCUTC

Begin:652

Bottom:

End:

START POSITION (GPS)

LAT:49 19 120

LONG:123 48 032

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2005-32 STATION: 2 CAST NUMBER: 51 UTC DATE (dd/mm/yyyy): 01/12/2005

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	165	1465	2.661	bot	✓ 276													
2	166	1466	2.638	250	✓													
3	167	1467	2.680	200	✓	x												
4	168	1468	2.765	175	✓													
5	169	1470	2.873	150	✓													
6	170	1471	3.001	125	✓													
7	171	1473	2.888	100	✓													
8	172	1474	3.907	75	✓													
9	173	1477	3.103	50	✓													
10	174	1475	4.352	30	✓													
11	175	1478	4.957	20	✓													
12	176	1248	5.719	10	✓													
13	177	1233	6.238	5	✓													
14	178	1270	6.347	surf	✓													
15																		
16																		
17																		
18																		
19																		
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21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 278

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	0214	1014
Bottom:	0220	1020
End:	0227	1027

START POSITION (GPS)
LAT: 49 24 067
LONG: 124 09 347

BOTTOM POSITION (GPS)
LAT: 49 24 031
LONG: 124 09 392

END POSITION (GPS)
LAT: 49 24 000
LONG: 124 09 479

Comments:

ROSETTE LOG

MISSION ID: 2005-32 STATION: 03 CAST NUMBER: 54 UTC DATE (dd/mm/yyyy): 11/21/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL						
1	179	1346	1.433	Bot	✓													Titration incomplete colorimeter malfunction
2	180	1347	2.615	300	✓													
3	181	1349	2.671	250	✓	x												
4	182	1351	2.742	200	✓													
5	183	1352	2.802	175	✓													
6	184	1353	3.082	150	✓													
7	185	1354	3.365	125	✓													
8	186	1356	3.525	100	✓													
9	187	1358	2.934	75	✓													
10	188	1360	3.527	50	✓													
11	189	1361	4.909	30	✓													
12	190	1362	5.195	20	✓													
13	191	1364	6.142	10	✓													
14	192	1368	6.473	5	✓													
15	193	1363	6.460	Surf	✓													
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY: p

Bottom Depth: 318

Cast # down: 54
Cast # up: 54

Time LOC UTC
Begin: 1227
Bottom: 1234
End: 1243

START POSITION (GPS)
LAT: 49 26 600
LONG: 124 20 178

BOTTOM POSITION (GPS)
LAT: 49 26 656
LONG: 124 20 794

END POSITION (GPS)
LAT: 49 26 794
LONG: 124 20 268

Comments:

ROSETTE LOG

MISSION ID: 2005-22 STATION: 6 CAST NUMBER: 56 UTC DATE (dd/mm/yyyy): 1/12/2005

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	194	1480	2.804	30T	✓	198												
2	195	1479	2.846	175	✓													
3	196	1481	2.880	150	✓		x											
4	197	1482	2.856	125	✓													
5	198	1483	2.946	100	✓													
6	199	1484	2.766	75	✓													
7	200	1485	3.480	50	✓													
8	201	1342	4.893	30	✓													
9	202	1284	—	20	✓													
10	203	1295	6.123	10	✓							vv						
11	204	1332	6.190	5	✓							vv						
12	205	1335	6.323	300k	✓							vv						
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 191

Cast # down: 56
Cast # up: 56

Time LOC UTC
Begin: 14 10
Bottom: 14 15
End: 14 21

START POSITION (GPS)
LAT: 49 30 629
LONG: 124 27 722

BOTTOM POSITION (GPS)
LAT: 49 30 642
LONG: 124 27 707

END POSITION (GPS)
LAT: 49 30 638
LONG: 124 27 697

Comments:

ROSETTE LOG

MISSION ID: 2005-32 STATION: 09 CAST NUMBER: 59 UTC DATE (dd/mm/yyyy): 01/12/2005

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	206	1336	2.647	0.1	✓ 164													
2	207	1470	2.691	15.8	✓	x												
3	208	1464	2.784	12.5	✓													
4	209	1465	2.703	10.0	✓													
5	210	1466	2.855	7.5	✓													
6	211	1467	3.030	5.0	✓													
7	212	1468	4.529	3.0	✓													
8	213	1470	5.796	3.0	✓													
9	214	1471	6.351	1.0	✓													
10	215	1473	6.438	5	✓													
11	216	1474	6.443	Surf	✓													
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
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22																		
23																		
24																		

Comments:

SHIP: vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 170

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1653
Bottom:		
End:		

START POSITION (GPS)
LAT: 49 35 41
LONG: 124 38 38.9

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2005-32 STATION: 12 CAST NUMBER: 62 UTC DATE (dd/mm/yyyy): 11/12/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3				
						OXY				ALK		CHL				
1	217	1346	2.642	bot	✓ 350											* duplicates for nit! *
2	218	1347	2.598	350	✓											
3	219	1349	2.682	300	✓											
4	220	1351	2.713	250	✓											
5	221	1353	2.770	200	✓											
6	222	1354	2.748	175	✓											
7	223	1356	2.901	150	✓											
8	224	1358	2.897	125	✓											
9	225	1360	2.855	100	✓											
10	226	1361	2.833	75	✓											
11	227	1362	3.338	50	✓											
12	228	1364	4.351	30	✓											
13	229	1368	5.359	20	✓											
14	230	1363	5.681	10	✓											
15	231	1367	6.345	5	✓											
16	232	1371	6.423	surf	✓											
17																
18																
19																
20																
21																
22																
23																
24																

SHIP: Vector

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1903
Bottom:		
End:		

START POSITION (GPS)

LAT: 49 43 4609

LONG: 124 46 783

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2005-32 STATION: 14 CAST NUMBER: 64 UTC DATE (dd/mm/yyyy): 2005/12/01

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3						
						OXY				ALK		CHL						
1	233	1480	2.658	bot	✓ 310													
2	234	1479	2.603	300	✓													
3	235	1481	2.606	250	✓	X												
4	236	1482	2.589	200	✓													
5	237	1483	2.669	175	✓													
6	238	1484	2.707	150	✓													
7	239	1485	2.589	125	✓													
8	240	1342	2.588	100	✓													
9	241	1284	2.658	75	✓													
10	242	1295	3.622	50	✓													
11	243	1332	3.930	30	✓													
12	244	1465	4.463	20	✓													
13	245	1336	5.345	10	✓													
14	246	1476	5.820	5	✓													
15	247	1464	6.275	surf	✓ 1													
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 314

Cast # down: 64
Cast # up: 64

Time	LOC	UTC
Begin:	1336	2136
Bottom:	1343	2143
End:	1354	2154

START POSITION (GPS)
LAT: 49 52 986
LONG: 124 59 668

BOTTOM POSITION (GPS)
LAT: 49 53 056
LONG: 124 59 752

END POSITION (GPS)
LAT: 49 53 167
LONG: 124 59 868

ROSETTE LOG

MISSION ID: 2005-32 STATION: 16 CAST NUMBER: 67 UTC DATE (dd/mm/yyyy): 2/12/2005

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	248	1466	2.692	Bot	✓ 151													
2	249	1335	2.721	125	✓													
3	250	1467	2.897	100	✓													
4	251	1468	3.440	75	✓													
5	252	1470	3.420	50	✓													
6	253	1471	3.769	30	✓													
7	254	1473	3.922	20	✓													
8	255	1474	4.415	10	✓													
9	256	1476	4.572	5	✓													
10	257	1475	4.585	Surface	✓		✓											
11																		
12																		
13																		
14																		
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19																		
20																		
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23																		
24																		

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CHECKED BY: *JP*

Bottom Depth:

Cast # down: 67
Cast # up: 67

Time	LOC	UTC
Begin:	0039	
Bottom:	0044	
End:	0050	

START POSITION (GPS)
LAT: 49 57 714
LONG: 12 58 783

BOTTOM POSITION (GPS)
LAT: 49 57 743
LONG: 12 58 680

END POSITION (GPS)
LAT: 49 57 703
LONG: 12 58 569