

ROSETTE LOG

MISSION ID: 2001-32

STATION: SI

CAST NUMBER: 1

UTC DATE (dd/mm/yyyy): 18/09/2001

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	1362	1007	bot-5	✓	172												
2	2	1363	3054	50	✓	49.82												
3	3	1364		20	✓	20.05												
4	4	1365		0	✓	1.45												
5																		
6																		
7																		
8																		
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23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY:

CHECKED BY:

Bottom Depth: 182

Cast # down: 1

Cast # up: 1

Time	LOC	UTC
Begin:		00:50
Bottom:		00:57
End:		01:06 AM

START POSITION (GPS)

LAT: 48 22.81

LONG: 123 29.94

BOTTOM POSITION (GPS)

LAT: 48 38.81

LONG: 123 30.06

END POSITION (GPS)

LAT: 48 38.82

LONG: 123 30.13

ROSETTE LOG

MISSION ID: 2001-32 STATION: 59 CAST NUMBER: 2 UTC DATE (dd/mm/yyyy): 18/9/2001

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	5	1391	2.899	bot-5	✓	238												
2	6	1367	2.924	200	✓	200.96												
3	7			175	✓	175.11												
4	8			150	✓	149.65												
5	9			125	✓	124.83												
6	10			100	✓	99.66												
7	11			75	✓	75.32												
8	12			50	✓	49.80												
9	13			40	✓	39.90												
10	14			30	✓	29.55												
11	15			20	✓	19.80												
12	16			10	✓	10.43												
13	17			5	✓	4.24												
14	18			0	✓	1.59												
15																		
16																		
17																		
18																		
19																		
20																		
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22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 240

Cast # down: 2
Cast # up: 2

Time	LOC	UTC
Begin:		2:45
Bottom:		2:53
End:		

START POSITION (GPS)
LAT: 48 37.85
LONG: 123 14.59

BOTTOM POSITION (GPS)
LAT: 48 37.92
LONG: 123 14.44

END POSITION (GPS)
LAT: 48 38.01
LONG: 123 14.30

ROSETTE LOG

MISSION ID: 2001-32 STATION: 102 CAST NUMBER: 6. UTC DATE (dd/mm/yyyy): 18/09/2001

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	19	1302	1.654	bot-5	✓	246	1											
2	20	1303	1.608	250	✓	248	1											
3	21	1304	1.668	200	✓	201												
4	22		1.721	175	✓													
5	23		2.217	150	✓													
6	24		2.141	125	✓													
7	25		2.165	100	✓													
8	26		2.512	75	✓													
9	27		2.988	50	✓													
10	28		3.052	40	✓													
11	29		3.260	30	✓													
12	30		4.266	20	✓													
13	31		5.216	10	✓													
14	32		5.422	5	✓													
15	33		5.826	0	✓													
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 250

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1303
Bottom:		1308
End:		1321

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 30.03
LONG: 124 44.04

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001-32 STATION: 75 CAST NUMBER: 9 UTC DATE (dd/mm/yyyy): 10/09/2001

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	33	1334	1.645	bot-5	217	✓	✓	✓			.277					
2	34		1.639	200	200	✓	✓	✓			.280					.12
3	35		1.651	175	174		✓	✓			.278					3.
4	36		1.617	150	151		✓	✓			.273					1.20
5	37		1.897	125	125		✓	✓			.326					.60 61 90T
6	38		2.273	100	100		✓	✓			.394					.48 80
7	39		2.584	75	75		✓	✓			.459					.36 85
8	40		2.774	50	50		✓	✓			.496					.24
9	41		3.004	40	39		✓	✓			.538					.12 96
10	42	1343	3.378	30	30		✓	✓			.575					
11	43		4.695	20	20		✓	✓			.785					
12	44		4.847	10	10		✓	✓			.824					
13	45		5.438	5	5		✓	✓			.900					
14	46		5.414	surf.	2		✓	✓			.901					
15																
16																.208
17																
18																
19																
20																
21																
22																
23																
24																

Comments: * Sample #33 used on STN101 too *

SHIP: VECTOR
 ENTERED BY:
 CHECKED BY:

Bottom Depth: 224

Cast # down:
 Cast # up:

Time LOC UTC
 Begin:
 Bottom: 16:31
 End:

START POSITION (GPS)
 LAT:
 LONG:

BOTTOM POSITION (GPS)
 LAT: 48 28.24
 LONG: 124 32.84

END POSITION (GPS)
 LAT:
 LONG:

ROSETTE LOG

MISSION ID: 2001-32 STATION: 72 CAST NUMBER: 12 UTC DATE (dd/mm/yyyy): 18/09/01

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	47	1348	1.641	BOT-5	✓ 182						.2	8	5					137.31
2	48	1349	1.615	175	✓ 176						.2	9	6					144.95
3	49	1350	1.615	150	✓ 149						.2	7	5					134.48
→ 4	50	1351	1.601	125	✓ 125						.2	7	3					134.667
5	51	1352	1.621	100	✓ 100						.2	8	2					137.46
6	52	1353	2.073	75	✓ 75						.3	5	9			1	137.60	
7	53	1354	2.661	50	✓ 50						.4	4	8					
8	54	1356	3.069	40	✓ 40													
9	55	1357	3.973	30	✓ 29													
10	56	1358	4.231	20	✓ 20													
11	57	1359	4.577	10	✓ 9													
12	58	1360	4.619	5	✓ 5													.065
13	59	1361	4.797	0	✓ 2													.208
14																		.273
15																		
16																		.01013127
17																		
18																		
19																		
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22																		
23																		
24																		

Comments: #50 large composite had to be removed.

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 189.

Cast # down: 12
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		2137
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 18.42
LONG: 124 03.66

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001-32 STATION: 69 CAST NUMBER: 151 UTC DATE (dd/mm/yyyy): 19/09/2001

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	60	1355	1.653	Bot-5	✓	171	✓											
2	61	1362	1.625	150	✓		✓											
3	62	1363	1.647	125	✓													
4	63	1364	2.149	100	✓													
5	64	1365	2.437	75	✓													
6	65	1367	3.341	50	✓													
7	66	1368	3.378	40	✓													
8	67	1369	3.473	30	✓													
9	68	1370	3.539	20	✓													
10	69	1371	3.663	10	✓													
11	70	1372	3.986	5	✓													
12	71	1373	4.257	0	✓													
13																		
14																		
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Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 110

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		00:42
Bottom:		00:45
End:		00:53

START POSITION (GPS)
LAT: 48 15 53
LONG: 123 43 19

BOTTOM POSITION (GPS)
LAT: 48 15 51
LONG: 123 43 10

END POSITION (GPS)
LAT: 48 15 52
LONG: 123 43 10

ROSETTE LOG

MISSION ID: 2001-32 STATION: ADCP CAST NUMBER: 18 UTC DATE (dd/mm/yyyy): 17/09/2001

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	72	1374	2.104	BOT-5	✓	107												
2	73	1375	2.123	100	✓													
3	74	1376	2.522	75	✓													
4	75	1377	2.890	50	✓													
5	76	1378	3.059	40	✓													
6	77	1379	3.415	30	✓													
7	78	1380	3.752	20	✓													
8	79	1381	4.141	10	✓													
9	80	1382	4.647	5	✓													
10	81	1383	4.718	0	✓													
11																		
12																		
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Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 117

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		04:26
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 13.84
LONG: 123 18.53

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001-32 STATION: 65 CAST NUMBER: 22 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						
							OXY				ALK		CHL					
1	82	1392	2.805	bot-5	✓	119												
2	83	1393	2.871	100	✓	100												
3	84	1394	3.066	100	✓	75												
4	85	1395	3.230	75	✓	50												
5	86	1398	3.411	50	✓	40												
6	87	1399	3.619	40	✓	32												
7	88	2000	3.825	30	✓	20												
8	89	2007	4.227	20	✓	10												
9	90	2014	4.215	10	✓	5												
10	91	2015	4.212	5	✓	2												
11	92																	
12																		
13																		
14																		
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19																		
20																		
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22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 125

Cast # down: 22
Cast # up:

Time	LOC	UTC
Begin:	0740	→
Bottom:	0743	→
End:	0757	→

START POSITION (GPS)
LAT: 48 15.89
LONG: 123 10.04

BOTTOM POSITION (GPS)
LAT: 48 15.83
LONG: 123 10.06

END POSITION (GPS)
LAT: 48 15.59
LONG: 123 10.23

ROSETTE LOG

MISSION ID: 2001-32 STATION: 62 CAST NUMBER: 25 UTC DATE (dd/mm/yyyy): 19/09/2001

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	2019	2.983	Bot-5	✓	132.												
2	94	2025	3.086	125	✓	125												
3	95	2027	3.202	100	✓	100												
4	96	2032	3.471	75	✓	75												
5	97	2033	3.691	50	✓	50												
6	98	2035	3.841	40	✓	40												
7	99	2036	4.074	30	✓	29												
8	100	2040	4.163	20	✓	20												
9	101	2043	4.248	10	✓	10												
10	102	2044	4.271	5	✓	5												
11	103	2047	4.263	0	✓	3												
12																		
13																		
14																		
15																		
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19																		
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22																		
23																		
24																		

Comments:

SHIP: VECTOR.
ENTERED BY:
CHECKED BY:

Bottom Depth: 147

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	10:41	
Bottom:	10:46	
End:	10:59	

START POSITION (GPS)
LAT: 48 22.86
LONG: 123 02.56

BOTTOM POSITION (GPS)
LAT: 48 22.79
LONG: 123 02.64

END POSITION (GPS)
LAT: 48 22.79
LONG: 123 02.65

ROSETTE LOG

MISSION ID: 2001-32 STATION: 56 CAST NUMBER: 30 UTC DATE (dd/mm/yyyy): 19/09/2001

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	1302	3.391	BOT-5	✓	185		1	1									
2	105	1303	3.323	200	-	184												
3	106	1304	3.415	175	-	174												
4	107	1305	3.490	150	✓	150	✓											
5	108	1306	3.585	125	-	125												
6	109	1307	3.682	100	-	100												
7	110	1309	3.744	75	✓	74												
8	111	1310	3.795	50	✓	50												
9	112	1311	3.819	40	-	40												
10	113	1313	3.906	30	✓	30												
11	114	1314	3.895	20	-	20												
12	115	1315	3.981	10	-	10												
13	116	1316	4.023	5	✓	4												
14	117	1317	4.035	0	-	2		1	1									
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 203

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		16:33
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 46.44
LONG: 123 1.89

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001-32 STATION: 46 CAST NUMBER: 37 UTC DATE (dd/mm/yyyy): 19/09/2001

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	118	1318	3.286	BOT-5	✓	171												
2	119	1319	3.344	150	✓	150												
3	120	1320	3.357	125	✓	125												
4	121	1321	3.350	100	✓	100												
5	122	1322	3.562	75	✓	74												
6	123	1323	3.855	50	✓	50												
7	124	1324	4.052	40	✓	40												
8	125	1325	4.175	30	✓	30												
9	126	1326	4.583	20	✓	20												
10	127	1327	5.215	10	✓	10												
11	128	1328	5.556	5	✓	5												
12	129	1329	5.790	0	✓	2												
13	130	1330	5.872	0	✓	2												
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 174.

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		21:47
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 51.48
LONG: 123 10.87

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001-32

STATION: 42

CAST NUMBER: 39

UTC DATE (dd/mm/yyyy): 19/09/2001

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	131	1334	3.318	105	✓ 318													
2	132	1335	3.300	300	✓													
3	133	1336	3.379	250	✓													
4	134	1337	3.440	200	✓													
5	135	1338	3.455	175	✓													
6	136	1356	3.441	150	✓													
7	137	1340	3.401	125	✓													
8	138	1341	3.302	100	✓													
9	139	1342	3.377	75	✓													
10	140	1343	3.527	50	✓													
11	141	1344	3.597	40	✓													
12	142	1345	3.785	30	✓													
13	143	1346	4.202	20	✓													
14	144	1347	5.717	10	✓													
15	145	1348	6.959	5	✓													
16	146	1349	6.526	0	✓													
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 321

Cast # down:

Cast # up:

TimeLOCUTC

Begin:

Bottom:0011

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:4901.82

LONG:1232638

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2001-32 STATION: 39 CAST NUMBER: 43 UTC DATE (dd/mm/yyyy): 20/09/2001

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	147	1355	3.222	Bot-5	✓	374												
2	148	1362	3.244	350	✓	350												
3	149	1363	3.363	300	✓	300												
4	150	1364	3.412	250	✓	250												
5	151	1365	3.421	200	✓	200												
6	152	1367	3.424	175	✓	174												
7	153	1368	3.426	150	✓	150												
8	154	1369	3.370	125	✓	125												
9	155	1370	3.286	100	✓	100												
10	156	1371	3.258	75	✓	75												
11	157	1372	3.508	50	✓	49												
12	158	1373	3.550	40	✓	40												
13	159	1374	3.809	30	✓	30												
14	160	1375	4.317	20	✓	20												
15	161	1376	5.476	10	✓	9												
16	162	1377	6.259	5	✓	4												
17	163	1378	6.506	0	✓	2												
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VFACTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 375

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		3:56
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 9.82
LONG: 123 32.98

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2601-32 STATION: 27 CAST NUMBER: 46 UTC DATE (dd/mm/yyyy): 20/09/2001

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	164	1379	3.210	BOT-5	✓ 348													duplicate NUT
2	165	1380	3.276	300	✓ 300													
3	166	1381	3.310	250	✓ 250													
4	167	1382	3.484	200	✓ 200													
5	168	1383	3.451	175	✓ 175													
6	169	1384	3.370	150	✓ 150													
7	170	1385	3.418	125	✓ 125													
8	171	1386	3.383	100	✓ 99													
9	172	1387	3.327	75	✓ 74													
10	173	1388	3.369	50	✓ 49													
11	174	1389	3.434	40	✓ 39													
12	175	1390	3.439	30	✓ 30													
13	176	1391	3.571	20	✓ 20													
14	177	1392	5.401	10	✓ 10													
15	178	1393	6.404	5	✓ 5													
16	179	1394	6.467	0	✓ 2													duplicates NUT
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 355

Cast # down: 46
Cast # up:

Time	LOC	UTC
Begin:		6:57
Bottom:		7:04
End:		7:24

START POSITION (GPS)
LAT: 49.19.02
LONG: 123.48.08

BOTTOM POSITION (GPS)
LAT: 49.19.10
LONG: 123.48.04

END POSITION (GPS)
LAT: 49.19.13
LONG: 123.48.06

ROSETTE LOG

MISSION ID: 2001-32 STATION: 2 CAST NUMBER: 49 UTC DATE (dd/mm/yyyy): 20/09/2001

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	180	2035	3.515	Bot-5	✓	275												
2	181	2036	3.581	250	✓	249												
3	182	2040	3.651	200	✓	200												
4	183	2043	3.556	175	✓	174												
5	184	1303	3.467	150	✓	149												
6	185	1302	3.373	125	✓	124												
7	186	1309	3.308	100	✓	99												
8	187	1310	3.377	75	✓	75												
9	188	1311	3.400	50	✓	50												
10	189	1313	3.526	40	✓	40												
11	190	1314	3.753	30	✓	30												
12	191	1315	3.853	20	✓													
13	192	1316	5.222	10	✓													
14	193	1317	6.500	5	✓													
15	194	1318	6.601	0	✓													
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 275

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		10:37
Bottom:		10:42
End:		11:05

START POSITION (GPS)
LAT: 49 24 13
LONG: 124 09 32

BOTTOM POSITION (GPS)
LAT: 49 24 03
LONG: 124 9 35

END POSITION (GPS)
LAT: 49 23 99
LONG: 124 9 53

ROSETTE LOG

MISSION ID: 200132 STATION: 3 CAST NUMBER: 51 UTC DATE (dd/mm/yyyy): 20/09/2001

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	195	1334	3532	200-5	✓ 343	1												
2	196	1335	3588	300	✓ 300													
3	197	1336	3689	250	✓ 250													
4	198	1337	3549	200	✓ 200													
5	199	1338	3491	175	✓ 175													
6	200	1340	3436	150	✓ 150													
7	201	1341	3081	125	✓ 125													
8	202	1342	3083	100	✓ 100													
9	203	1343	3093	75	✓ 75													
10	204	1344	3386	50	✓ 50													
11	205	1345	3518	40	✓ 40.68													
12	206	1346	3624	30	✓ 30													
13	207	1347	3828	20	✓ 20													
14	208	1348	5667	10	✓ 9.66													
15	209	1349	6587	5	✓ 5.41													
16	210	1350	6777	0	✓ 1.9													
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 343

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		12:37
Bottom:		12:44
End:		12:57

START POSITION (GPS)
LAT: 49 24 49
LONG: 124 22 10

BOTTOM POSITION (GPS)
LAT: 49 24 49
LONG: 124 22 05

END POSITION (GPS)
LAT: 49 24 45
LONG: 124 21 98

ROSETTE LOG

MISSION ID: 2001-32 STATION: 6 CAST NUMBER: 54 UTC DATE (dd/mm/yyyy): 20/09/01

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	211	1351	3.637	205	✓	189												
2	212	1352	3.627	175	✓	175												
3	213	1353	3.482	150	✓	150												
4	214	1354	3.349	125	✓	125												
5	215	1356	3.165	100	✓	100												
6	216	1357	3.148	75	✓	75												
7	217	1358	3.298	50	✓	50												
8	218	1359	3.446	40	✓	40												
9	219	1360	3.666	30	✓	30												
10	220	1361	3.851	20	✓	20												
11	221	1366	4.806	10	✓	10												
12	222	1397	5.972	5	✓	5												
13	223	1355	6.406	0	✓	2												
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 195

Cast # down:
Cast # up:

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

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 30.62
LONG: 124 27.81

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001-32 STATION: 9 CAST NUMBER: 57 UTC DATE (dd/mm/yyyy): 20/09/2001

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	224	1363	3.250	207-5	✓	166												*duplicates NUT
2	225	1364	3.284	150	✓	150												
3	226	1365	3.248	125	✓	125												
4	227	1367	2.906	100	✓	100												
5	228	1368	3.275	75	✓	75												
6	229	1369	3.539	50	✓	50												*duplicate NUT
7	230	1370	3.871	40	✓	40												
8	231	1371	3.845	30	✓	30												
9	232	1372	3.980	20	✓	20												
10	233	1373	4.455	10	✓	10												
11	234	1374	6.322	5	✓	5												
12	235	1375	6.613	0	✓	2												
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 170

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		17:59
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 35.48
LONG: 124 38.33

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001 32 STATION: 12 CAST NUMBER: 60 UTC DATE (dd/mm/yyyy): 20/09/2001

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	236	1376	3.503	BOT-5	✓ 350	1												
2	237	1377	3.473	350	✓ 350													
3	238	1378	3.584	300	✓ 301													
4	239	1399	3.543	250	✓ 250													
5	240	1395	3.500	200	✓ 200													
6	241	1398	3.417	175	✓ 175													
7	242	2000	3.364	150	✓ 150													
8	243	2007	3.326	125	✓ 124													
9	244	2014	3.248	100	✓ 99													
10	245	2015	3.320	75	✓ 74													
11	246	2017	3.248	50	✓ 50													
12	247	2019	3.335	40	✓ 40													Air vent open
13	248	2025	3.564	30	✓ 30													
14	249	2027	3.871	20	✓ 20													
15	250	2032	5.153	10	✓ 10													
16	251	2033	6.712	5	✓ 5													
17	252	2074	7.029	0	✓ 2													
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 354

Cast # down: 60
Cast # up:

Time	LOC	UTC
Begin:		20:05
Bottom:		20:12
End:		20:30

START POSITION (GPS)
LAT: 49 43.68
LONG: 124 40.93

BOTTOM POSITION (GPS)
LAT: 49 43.69
LONG: 124 40 97

END POSITION (GPS)
LAT: 49 43 30
LONG: 124 41 07

ROSETTE LOG

MISSION ID: 2001-32 STATION: 14 CAST NUMBER: 62 UTC DATE (dd/mm/yyyy): 20/09/2001

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	253	1379	3.597	bot-5	✓ 311	1												
2	254	1380	3.561	300	✓ 300													
3	255	1381	3.577	250	✓ 250													
4	256	1382	3.548	200	✓ 200	1												
5	257	1383	3.487	175	✓ 174													
6	258	1384	3.413	150	✓ 150													
7	259	1385	3.323	125	✓ 125													
8	260	1386	3.202	100	✓ 100													
9	261	1387	3.204	75	✓ 75													
10	262	1388	3.592	50	✓ 50													
11	263	1389	3.754	40	✓ 40													
12	264	1390	4.426	30	✓ 30													O ₂ too high?
13	265	1391	3.976	20	✓ 20													
14	266	1392	4.033	10	✓ 10													
15	267	1393	4.055	5	✓ 5													
16	268	1394	7.469	0	✓ 2													
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 315

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		22:37
Bottom:		22:44
End:		23:01

START POSITION (GPS)
LAT: 49 52.98
LONG: 124 59.60

BOTTOM POSITION (GPS)
LAT: 49 53.03
LONG: 124 59.63

END POSITION (GPS)
LAT: 49 53.13
LONG: 124 59.79

ROSETTE LOG

MISSION ID: 200132 STATION: 16 CAST NUMBER: 64 UTC DATE (dd/mm/yyyy): 21/09/01

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	269	2035	4.263	30T-5	✓ 155	✓												
2	270	2036	4.242	125	✓ 125	✓												
3	271	2040	4.253	100	✓ 100	✓												
4	272	2043	4.294	75	✓ 75													
5	273	1302	4.344	50	✓ 51													
6	274	1303	4.454	40	✓ 41													
7	275	1309	4.414	30	✓ 30													
8	276	1310	4.525	20	✓ 20													
9	277	1311	4.568	10	✓ 10													
10	278	1313	4.559	5	✓ 10													
11	279	1314	4.536	0	✓ 5													
12	280	1315	4.551		✓ 2													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 154

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		00:22
Bottom:		00:26
End:		

START POSITION (GPS)
LAT: 49 57 60
LONG: 125 08 63

BOTTOM POSITION (GPS)
LAT: 49 57 50
LONG: 125 08 68

END POSITION (GPS)
LAT: 49 57 48
LONG: 125 8 75