

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: Saanich inletUTC DATE y/m/d: 00/4/25
CAST NUMBER: 2

SHIP: Vector

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION		Samples taken											
Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
			OXY		CHL		C13						

1	1			Bot	123			✓	✓										
2	2			75	75				✓										
3	3			50	50				✓										
4	4			40	40				✓										
5	5			30	30				✓										
6	6			20	20				✓										
7	7			10	10				✓										
8	8			5	5				✓										
9	9			0	0				✓										
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY: DM
CHECKED BY:

Bottom Depth: 130

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT: 48 39.65

LONG: 123 29.38

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

.012 .009 .010 .002

.007 .007 .007 .007 .011

.003 .003 .003 .003

Comments:

000 Oxygen, not ready yet

ROSETTE LOG

MISSION ID: 0007
STATION NAME: 59UTC DATE y/m/d: 00/04/25
CAST NUMBER: 3SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										End Point Dosage	D6 me/e
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	10	1203		bot		✓		✓	✓								0.734	4.104
2	11	1206		200		✓		✓	✓								0.747	4.166
3	12	1209		175		✓		✓	✓								0.775	4.264
4	13	1210		150		✓		✓	✓								0.783	4.331
5	14	1212		125		✓		✓	✓								0.824	4.558
6	15	1215		100		✓		✓	✓								0.898	4.930
7	16	1216		75		✓		✓	✓								0.923	5.158
8	17	1218		50		✓		✓	✓								0.974	5.290
9	18	1219		40		✓		✓	✓								1.005	5.405
10	19	1222		30		✓		✓	✓								0.970	5.358
11	20	1223		20		✓		✓	✓								0.974	5.410
12	21	1224		10		✓		✓	✓								0.987	5.433
13	22	1225		5		✓		✓	✓								0.986	5.474
14	23	1228		0		✓		✓	✓								0.981	5.455
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: SAMPLE 13 HAD BUBBLES, #14, #15, #16.
THEY ALL HAVE BUBBLES... BECAUSE THEY ARE TOO OLD?ENTERED BY: DMCHECKED BY: MRBottom Depth: 230Cast # down: 3Cast # up: 3

Time	LOC	UTC
Begin:		2240
Bottom:		2245
End:		2302

START POSITION (GPS)

LAT: 48° 37.53LONG: 123° 14.50

BOTTOM POSITION (GPS)

LAT: 48° 37.51LONG: 123° 14.45

END POSITION (GPS)

LAT: 48° 37.38LONG: 123° 14.28

ROSETTE LOG

MISSION ID: 2007
STATION NAME: 72UTC DATE y/m/d: 00/04/26
CAST NUMBER: 7SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										End Point Dosage	DO mL/L
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	24	1254		Bot		✓	x										0.391	2.228
2	25	1256		175		✓	x										0.397	2.251
3	26	1257		150		✓											0.400	2.265
4	27	1258		125		✓											0.427	2.418
5	28	1260		100		✓											0.527	2.986
6	29	1261		75		✓											0.625	3.485
7	30	1233		50		✓											0.773	4.255
8	31	1267		40		✓											0.826	4.551
9	32	1268		30		✓											0.901	5.035
10	33	1269		20		✓											0.916	5.416
11	34	1270		10		✓	x										0.962	5.646
12	35	1271		5		✓	x										0.926	5.638
13	36	1272		0		✓	x	↓	↓								0.949	5.643
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: #24 HAD BUBBLE, SAME #29, #32, #33, #35, #36

ENTERED BY: DA
CHECKED BY: MRBottom Depth: 170Cast # down: 7Cast # up: 7

Time	LOC	UTC
Begin:		0731
Bottom:		0735
End:		0750

START POSITION (GPS)	
LAT:	48 18 60
LONG:	124 04.08

BOTTOM POSITION (GPS)	
LAT:	48 18 59
LONG:	124 04.11

END POSITION (GPS)	
LAT:	48 18 59
LONG:	124 04.18

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 75

UTC DATE y/m/d: 00/04/
CAST NUMBER: 10

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										End Point Dosage	DO in ml/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	37			Bot	216	✓			✓								0.386	
2	38			200		✓											0.391	
3	39			175		✓											0.395	
4	40			150		✓											0.400	
5	41			125		✓											0.498	
6	42			100		✓											0.749	
7	43			75		✓											0.884	
8	44			50		✓											1.021	
9	45			40		✓							Zeroed	Q			0.944?	5.163?
10	46			30		✓											1.011	5.564
11	47			20		✓											1.135	6.264
12	48			10		✓											1.177	6.431
13	49			5		✓											1.120	6.543
14	50			0		✓											1.126	6.674
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: MR
CHECKED BY:

Bottom Depth: 206

Cast # down: 10
Cast # up: 10

Time	LOC	UTC
Begin:		
Bottom:		11:33
End:		

START POSITION (GPS)
LAT: 40 28.10
LONG: 104 32.75

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

p.s. the freezer was not free zing
we turned it on. 45.02 went to 102.97

ROSETTE LOG

MISSION ID:

2000-07

UTC DATE y/m/d:

00/4/26

STATION NAME:

102

CAST NUMBER:

13

SHIP:

vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DOSAGE	DO m/e/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	51	1290		1307	246	✓	✓	✓	✓								0.355	2.048
2	52	1275		200		✓	✓	✓	✓								0.367	2.213
3	53	1276		175		✓		✓	✓								0.410	2.550
4	54	1277		150		✓		✓	✓								0.444	2.728
5	55	1278		125		✓		✓	✓								0.507	3.115
6	56	1279		100		✓		✓	✓								0.530	3.201
7	57	1280		75		✓		✓	✓								0.680	3.982
8	58	1281		50		✓		✓	✓								0.869	5.284
9	59	1282		40		✓		✓	✓								1.133	6.262
10	60	1283		30		✓		✓	✓								1.139	6.303
11	61	1284		20		✓		✓	✓								1.195	6.577
12	62	1285		10		✓		✓	✓								1.222	6.750
13	63	1286		5		✓		✓	✓								1.220	6.787
14	64	1287		0				✓	✓								1.211	6.724
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 256

Cast # down: 13

Cast # up: 13

Time LOC UTC

Begin: 1440

Bottom: 1445

End:

START POSITION (GPS)

LAT: 48° 30.03

LONG: 124° 43.79

BOTTOM POSITION (GPS)

LAT: 48° 30.04

LONG: 124° 43.75

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: STN 69UTC DATE y/m/d: 00/04/26
CAST NUMBER: 116SHIP: VLZTDK

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do in m/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	65			Bot		✓			✓	✓							2.506	
2	66			150		✓											2.616	
3	67			125		✓											2.744	
4	68			100		✓											3.181	
5	69			75		✓											3.872	
6	70			50		✓											4.576	
7	71			40		✓											4.656	
8	72			30		✓											4.867	
9	73			20		✓											4.647	
10	74			10		✓											4.709	
11	75			5		✓											4.983	
12	76			0		✓			✓	✓							4.910	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: MR
CHECKED BY: MRBottom Depth: 179Cast # down: 16Cast # up: 16

Time	LOC	UTC
Begin:		2053
Bottom:		2056
End:		2109

START POSITION (GPS)	
LAT:	48°15.64
LONG:	123°43.30

BOTTOM POSITION (GPS)	
LAT:	48°15.65
LONG:	123°43.28

END POSITION (GPS)	
LAT:	48°15.68
LONG:	123°43.23

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: ADCPUTC DATE y/m/d: 00/04/27
CAST NUMBER: 19SHIP: VECTORNiskin Sample OXY. OXY. Sample
No. No. Flask Temp. DepthROSETTE OPERATION
Trip Confirmed
pressure SalinitySamples taken
SAL OXY NUT CHL ALK TCO C13

1	77			Bot	113	✓	✓	✓											
2	78			100		✓	✓	✓											
3	79			75		✓	✓	✓											
4	80			50		✓	✓	✓											
5	81			40		✓	✓	✓											
6	82			30		✓	✓	✓											
7	83			20		✓	✓	✓											
8	84			10		✓	✓	✓											
9	85			5		✓	✓	✓											
10	86			0		✓	✓	✓											
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
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22																			
23																			
24																			

did not
close properlyENTERED BY: MR

CHECKED BY:

Bottom Depth: 119

Cast # down:

Cast # up:

Time LOC UTC

Begin: 00:26

Bottom:

End:

START POSITION (GPS)

LAT: 48 14.0LONG: 123 18.05

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Sample 84 Oxygen - large air bubble
- added milli Q to top of after acidification

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 62UTC DATE y/m/d: 2000/04/07²
CAST NUMBER: 23SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT Depth	DO m/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	97	1251		Bot-10	143	✓											0.621	3.471
2	98	1249		125		✓											0.651	3.600
3	99	1273		100		✓											0.697	4.112
4	100	1274		75		✓											0.792	4.728
5	101	1290		50		✓											0.913	5.138
6	102	1275		40		✓											0.878	5.173
7	103	1276		30		✓											0.873	5.331
8	104	1277		20		✓											0.922	5.572
9	105	1278		10		✓											0.955	5.791
10	106	1279		5		✓											0.989	5.900
11	107	1280		0													1.032	6.005
12																		
13																		
14																		
15																		
16																		
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19																		
20																		
21																		
22																		
23																		
24																		

Comments: #104 HAS BUBBLES

ENTERED BY:
CHECKED BY:Bottom Depth: 151Cast # down: 23Cast # up: 23

Time	LOC	UTC
Begin:		3:43
Bottom:		3:45
End:		3:56

START POSITION (GPS)	
LAT:	48 22.90
LONG:	123 02.68

BOTTOM POSITION (GPS)	
LAT:	48 22.91
LONG:	123 02.67

END POSITION (GPS)	
LAT:	48 22.95
LONG:	123 02.62

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 65UTC DATE y/m/d: 2000/4/27
CAST NUMBER: 24SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DO DOSAGE	DO M/LR
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	87	1234		Bot	117	-			✓	✓							0.628	3.491
2	88	1235		100		-			✓	✓							0.682	3.766
3	89	1238		75		✓			✓	✓							0.714	3.948
4	90	1237		50		✓			✓	✓							0.807	4.494
5	91	1241		40		✓			✓	✓							0.853	4.679
6	92	1240		30		✓			✓	✓							0.922	4.987
7	93	1243		20		✓			✓	✓							1.010	5.528
8	94	1244		10		✓			✓	✓							1.053	5.762
9	95	1248		5		✓			✓	✓							1.072	5.860
10	96	1247		0	2.8				✓	✓							1.080	5.946
11																		
12																		
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22																		
23																		
24																		

Comments:

nutrients duplicatesENTERED BY:
CHECKED BY:Bottom Depth: 125Cast # down: 24Cast # up: 24

Time	LOC	UTC
Begin:		0503
Bottom:		0507
End:		0517

START POSITION (GPS)		
LAT:	48	15 89
LONG:	123	09.70

BOTTOM POSITION (GPS)		
LAT:	48	15.89
LONG:	123	09.71

END POSITION (GPS)		
LAT:	48	15.87
LONG:	123	09.78

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 56UTC DATE y/m/d: 00/04/27
CAST NUMBER: 33SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DOSAGE	DO ml/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	108	1134		BOT		✓	✓	✓	✓								0.674	4.170
2	109	1130		200		✓	✓										0.675	4.174
3	110	1135		175		✓	✓										0.663	4.178
4	111	1136		150		✓											0.691	4.293
5	112	1137		125		✓											0.695	4.349
6	113	1138		100		✓											0.727	4.557
7	114	1141		75		✓											0.803	4.998
8	115	1142		50		✓											0.810	5.032
9	116	1146		40		✓											0.819	5.139
10	117	1148		30		✓											0.819	5.187
11	118	1153		20		✓											0.837	5.235
12	119	1158		10		✓											0.885	5.234
13	120	1171		5		✓											0.920	5.254
14	121	1174		0		✓											0.943	5.255
15																		
16																		
17																		
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19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: MR

CHECKED BY:

Bottom Depth: 217Cast # down: 33Cast # up: 33

Time LOC UTC

Begin: 1531Bottom: 1556End: 1617

START POSITION (GPS)

LAT: 48 46 36LONG: 123 01 59

BOTTOM POSITION (GPS)

LAT: 48 46 36LONG: 123 01 56

END POSITION (GPS)

LAT: 48 46.45LONG: 123 01.27

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 46UTC DATE y/m/d: 2000/04/27
CAST NUMBER: 40

SHIP: VEZTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DOSAGE	DO m/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	122	1203		Bot	173	✓											0.848	4.728
2	123	1206		150		✓											0.880	4.893
3	124	1209		125		✓											0.921	5.051
4	125	1210		100		✓											0.916	5.052
5	126	1218		75		✓											0.937	5.092
6	127	1216		50		✓											0.906	5.065
7	128	1212		40		✓											0.872	4.818
8	129	1215		30		✓											0.857	4.709
9	130	1219		20		✓											0.884	4.764
10	131	1222		10		✓											0.962	5.314
11	132	1223		5		✓											1.042	5.781
12	133	1224		0		✓											1.136	6.240
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: BUBBLES: 129

ENTERED BY: MR
CHECKED BY: MR

Bottom Depth: 181

Cast # down: 40

Cast # up: 40

Time	LOC	UTC
Begin:		2102
Bottom:		2106
End:		2118

START POSITION (GPS)
LAT: 48° 51.36
LONG: 123° 10.78BOTTOM POSITION (GPS)
LAT: 48° 51.36
LONG: 123° 10.82END POSITION (GPS)
LAT: 48° 51.32
LONG: 123° 10.82

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 42UTC DATE y/m/d: 2000/02/27
CAST NUMBER: 42SHIP: VEZTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Endpoint Do. in m/s	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	134			Bot	318	✓	✓	✓	✓								4.146	
2	135			300		✓	✓										2.724	
3	136			250		✓	✓										3.094	
4	137			200		✓											3.776	
5	138			175		✓											4.459	
6	139			150		✓											5.005	
7	140			125		✓											5.151	
8	141			100		✓											5.056	
9	142			75		✓											4.758	
10	143			50		✓											4.547	
11	144			40		✓											4.904	
12	145			30		✓											5.030	
13	146			20		✓											5.372	
14	147			10		✓											6.050	
15	148			5		✓											6.678	
16	149			0		✓			↓	↓							7.007	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: MR
CHECKED BY:Bottom Depth: 322Cast # down: 42Cast # up: 42

Time	LOC	UTC
Begin:		23:31
Bottom:		23:37
End:		23:53

START POSITION (GPS)
LAT: 49 1.82
LONG: 123 26.21BOTTOM POSITION (GPS)
LAT: 49 01.82
LONG: 123 26.22END POSITION (GPS)
LAT: 49 01.80
LONG: 123 26.19

ROSETTE LOG

MISSION ID:

2000-07

UTC DATE y/m/d:

2000/4/28

STATION NAME:

39

CAST NUMBER:

45

SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DOSAGE	DO
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	150	1177		BOT	370	✓	✓										0.373	2.131
2	151	1180		350		✓	✓										0.376	2.145
3	152	1188		300		✓	✓										0.450	2.539
4	153	1189		250		✓											0.693	3.835
5	154	1190		200		✓											0.831	4.600
6	155	1191		175		✓											0.855	4.724
7	156	1192		150		✓											0.852	4.734
8	157	1193		125		✓											0.890	4.904
9	158	1194		100		✓											0.924	5.086
10	159	1195		75		✓											0.885	4.838
11	160	1197		50		✓											0.798	4.416
12	161	1198		40		✓											0.783	4.382
13	162	1201		30		✓											0.804	4.463
14	163	1202		20		✓											0.920	5.049
15	164	1269		10		✓											1.093	6.445
16	165	1270		5		✓											1.193	6.980
17	166	1271		0													1.158	7.026
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: BUBBLES: #162

ENTERED BY:

CHECKED BY:

Bottom Depth: 379

Cast # down: 45

Cast # up: 45

Time LOC UTC

Begin: 0234

Bottom: 0241

End:

START POSITION (GPS)

LAT: 49°09.83

LONG: 123°33.01

BOTTOM POSITION (GPS)

LAT: 49°09.83

LONG: 123°32.97

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: How 4UTC DATE y/m/d: 2000/4/28
CAST NUMBER: 48SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Endpoint Depth m/s	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	167			207		✓	✓										0.640	0.523
2	168			250		✓	✓										0.736	0.622
3	169			200		✓	✓										0.891	0.779
4	170			175		✓												
5	171			150		✓											1.100	0.996
6	172			125		✓											1.275	1.175
7	173			100		✓											2.685	2.629
8	174			75		✓											3.923	3.906
9	175			50		✓											3.908	3.889
10	176			40		✓											3.882	3.861
11	177			30		✓											3.983	3.967
12	178			20		✓											3.966	3.952
13	179			10		✓											4.508	4.519
14	180			5		✓											5.595	5.644
15	181			0		✓											6.612	6.692
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: CWCHECKED BY: CW-HKBottom Depth: 286Cast # down: 48Cast # up: 48

Time	LOC	UTC
Begin:		06:47
Bottom:		06:51
End:		0710

START POSITION (GPS)		
LAT:	49	35 60
LONG:	123	14 63

BOTTOM POSITION (GPS)		
LAT:	49	35 60
LONG:	123	14 62

END POSITION (GPS)		
LAT:	49	35 58
LONG:	123	14.60

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 27

UTC DATE y/m/d: 00/04/28
CAST NUMBER: 50

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DOSAGE	TD
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	182	1234		Bot	345	✓	✓		✓								0.424	2.385
2	183	1235		300		✓	✓										0.451	2.519
3	184	1238		250		✓	✓										0.518	2.888
4	185			200		✓												
5	186	1241		175		✓											0.741	4.076
6	187	1240		150		✓											0.995	5.375
7	188	1243		125		✓											0.947	5.189
8	189	1244		100		✓											0.882	4.840
9	190	1248		75		✓											0.869	4.766
10	191	1247		50		✓											0.839	4.638
11	192	1251		40		✓											0.830	4.610
12	193	1249		30		✓											0.922	5.063
13	194	1273		20		✓											1.074	6.287
14	195	1274		10		✓											1.179	6.993
15	196	1290		5		✓											1.243	6.963
16	197	1275		0	3.4	✓											1.182	6.933
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: MR
CHECKED BY:

Bottom Depth: 354

Cast # down: 50

Cast # up: 50

Time	LOC	UTC
Begin:		1118
Bottom:		1124
End:		1140

START POSITION (GPS)
LAT: 49 19.13
LONG: 123 47.96

BOTTOM POSITION (GPS)
LAT: 49 19.11
LONG: 123 47.93

END POSITION (GPS)
LAT: 49 19.16
LONG: 123 47.84

Comments:

BOTTLE 4 did not close again

BUBBLES: 189, 191, 192, 194, 195, 197

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 2

UTC DATE y/m/d: 2000/4/28
CAST NUMBER: 54

SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DOSAGE	DO we/r
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	198	1203		BOT		✓	✓		↑	↑							0.398	2.265
2	199	1206		250		✓	✓										0.415	2.353
3	200	1209		200		✓											0.660	3.644
4	201	1210		175		✓											0.711	3.940
5	202	1218		150		✓											0.817	4.450
6	203	1216		125		✓											0.836	4.680
7	204	1212		100		✓											0.838	4.634
8	205	1215		75		✓											0.816	4.487
9	206	1219		50		✓											0.797	4.303
10	207	1222		40		✓											0.795	4.407
11	208	1223		30		✓											0.976	5.421
12	209	1224		20		✓											1.143	6.278
13	210	1177		10		✓											1.149	6.383
14	211	1180		5		✓											1.151	6.389
15	212	1188		0		✓			↓	↓							1.159	6.403
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: CW
CHECKED BY:

Bottom Depth: 289

Cast # down: 54
Cast # up: 54

Time	LOC	UTC
Begin:		15.39
Bottom:		15.44
End:		15.56

START POSITION (GPS)
LAT: 49 24 08
LONG: 124 09 30

BOTTOM POSITION (GPS)
LAT: 49 24 08
LONG: 124 09 23

END POSITION (GPS)
LAT: 49 29 14
LONG: 124 09 25

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 3

UTC DATE y/m/d: 2000/4/28
CAST NUMBER: 57

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DOSAGE	DO m/e/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	213	1189		BOT		✓	✓		↑	↑							0.407	2.288
2	214	1190		250		✓	✓										0.447	2.514
3	215	1191		200		✓	✓										0.553	3.085
4	216			175		✓												
5	217	1193		150		✓											0.722	3.995
6	218	1194		125		✓											0.782	4.318
7	219	1195		100		✓											0.859	4.698
8	220	1197		75		✓											0.738	4.091
9	221	1198		50		✓											0.797	4.459
10	222	1201		40		✓											0.854	4.735
11	223	1202		30		✓											1.149	6.284
12	224	1269		20		✓											1.084	6.393
13	225	1270		10		✓											1.109	6.495
14	226	1271		5		✓											1.078	6.547
15	227	1272		0					↓	↓							1.112	6.597
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: CW
CHECKED BY:

Bottom Depth: 327 m

Cast # down: 57
Cast # up: 57

Time	LOC	UTC
Begin:		18:07
Bottom:		18:14
End:		18:37

START POSITION (GPS)
LAT: 49 26.63
LONG: 124 20.31

BOTTOM POSITION (GPS)
LAT: 49 26.61
LONG: 124 20.30

END POSITION (GPS)
LAT: 49 26 59
LONG: 124 20 41

Comments:

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 6

UTC DATE y/m/d: 00/04/20
CAST NUMBER: 59

SHIP: VEC TOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Endpoint Depth m/ft	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		CI3						
1	228			BOT		✓		✓									3.467	
2	229			175		✓											3.557	
3	230			150		✓											3.993	
4				125		✓												Duplicate bottle.
5	231			125		✓											4.116	
6	232			100		✓											4.152	
7	233			75		✓											3.936	
8	234			50		✓											4.514	
9	235			40		✓											5.447	
10	236			30		✓											5.703	
11	237			20		✓											6.002	
12	238			10		✓											6.371	
13	239			5		✓											6.473	
14	240			0		✓		✓									6.511	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: MR
CHECKED BY: JL

Bottom Depth: 194

Cast # down: 59
Cast # up: 59

Time	LOC	UTC
Begin:		2241
Bottom:		2215
End:		2228

START POSITION (GPS)
LAT: 49 30.60
LONG: 124 27 78

BOTTOM POSITION (GPS)
LAT: 49 30.61
LONG: 124 27.83

END POSITION (GPS)
LAT: 49 30 58
LONG: 124 27 93

Comments:

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 9

UTC DATE y/m/d: 2000/4/29
CAST NUMBER: 62

SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DO DOSAGE	DO mL/L
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	241	1203		bot	167	✓											0.634	3.557
2	242	1206			150	✓											0.663	3.708
3	243	1209			125	✓											0.761	4.188
4	244	1210			100	✓											0.734	4.065
5	245	1218			75	✓											0.734	4.007
6	246	1216			50	✓											0.829	4.641
7	247	1212			40	✓											0.908	5.014
8	248	1215			30	✓											1.016	5.566
9	249	1219			20	✓											0.966	5.198
10	250	1222			10	✓											1.035	5.711
11	251	1223			5	✓											1.044	5.721
12	252	1224			0												1.057	5.812
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: BUBBLES 242, 243, 244, 249, 252

244 WEIRD OPAQUE REDDISH COLOUR ADD (?) ACID → MIGHT NOT BE GOOD.

ENTERED BY:
CHECKED BY:

Bottom Depth: 170

Cast # down: 62

Cast # up: 62

Time	LOC	UTC
Begin:		0047
Bottom:		0051
End:		0100

START POSITION (GPS)
LAT: 49°35.55
LONG: 124 38.30

BOTTOM POSITION (GPS)
LAT: 49°35.52
LONG: 124 38.28

END POSITION (GPS)
LAT: 49°35.49
LONG: 124 38.24

ROSETTE LOG

MISSION ID: 2000-07
STATION NAME: 12UTC DATE y/m/d: 2000/4/29
CAST NUMBER: 65SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										END POINT DO DOSAGE ml/l
					Trip pressure	Confirmed Salinity	SAL		NUT	ALK	TCO						
1	253	1177		bot	351	✓	✓	↑	↑								0.428 2.432
2	254	1180		350	351	✓	✓										0.430 2.441
3	255	1188		300		✓	✓										0.515 2.893
4	256	1189		250		✓											0.607 3.370
5	257	1190		200		✓											0.673 3.742
6	258	1191		175		✓											0.704 3.904
7	259	1192		150		✓											0.717 3.998
8	260	1193		125		✓											0.841 4.639
9	261	1194		100		✓											0.766 4.231
10	262	1195		75		✓											0.726 3.984
11	263	1197		50		✓											0.874 4.829
12	264	1198		40		✓											1.020 5.682
13	265	1201		30		✓											1.055 5.829
14	266	1202		20		✓											1.111 6.079
15	267	1269		10		✓											1.065 6.283
16	268	1270		5		✓											1.077 6.310
17	269	1271		0		✓											1.037 6.302
18	270	1272		0		✓											0.865? 5.152?
19																	
20																	
21																	
22																	
23																	
24																	

Comments:

Bottle 17 - ship causing wake - took bottle 18 as a duplicate#18 not good i thinkENTERED BY: CW

CHECKED BY:

Bottom Depth: 357 mCast # down: 65Cast # up: 65

Time	LOC	UTC
Begin:		02:50
Bottom:		02:55
End:		03:19

START POSITION (GPS)		
LAT:	49	43 62
LONG:	124	40 82

BOTTOM POSITION (GPS)		
LAT:	49	43 62
LONG:	124	40 79

END POSITION (GPS)		
LAT:	49	43 61
LONG:	124	40 81

ROSETTE LOG

MISSION ID: 2000 - 07
STATION NAME: 14

UTC DATE y/m/d: 2000/04/29
CAST NUMBER: 67

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												End point Depth m/L	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
1	270			BOT	311	✓	✓		↑	↑									2.747	
2	272			250		✓	✓												3.087	
3	273			200		✓	✓												3.656	
4	274			175		✓													3.810	
5	275			150		✓													4.438	
6	276			125		✓													4.038	
7	277			100		✓													4.099	
8	278			75		✓													4.314	
9	279			50		✓													5.334	
10	280			40		✓													5.824	
11	281			30		✓													5.842	
12	282			20		✓													5.908	
13	283			10		✓													5.988	
14	284			5		✓													5.972	
15	285			0		✓													6.104	
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: CW
CHECKED BY:

Bottom Depth: 317

Cast # down: 67

Cast # up: 67

Time	LOC	UTC
Begin:		05:26
Bottom:		05:31
End:		05:54

START POSITION (GPS)
LAT: 49 52 98
LONG: 124 59 63

BOTTOM POSITION (GPS)
LAT: 49 52 98
LONG: 124 59 64

END POSITION (GPS)
LAT: 49 52 98
LONG: 124 59 61

Comments:

ROSETTE LOG

MISSION ID: 2000-07UTC DATE y/m/d: 2000/04/29SHIP: VECTORSTATION NAME: 16CAST NUMBER: 69

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Endpoint Depth m/ft	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	286			BOT		/											4.293	
2	287			125		/											4.985	
3	288			100		/											5.527	
4	289			75		/											5.512	
5	290			50		/											5.508	
6	291			40		/											5.523	
7	292			30		/											5.512	
8	293			20		/											5.508	
9	294			10		/											5.510	
10	295			5		/											5.534	
11	296			0		/											5.530	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: CWCHECKED BY: MLBottom Depth: 159Cast # down: 69Cast # up: 69

Time	LOC	UTC
Begin:		0728
Bottom:		0732
End:		0744

START POSITION (GPS)

LAT: 49 57.71LONG: 125 08.77

BOTTOM POSITION (GPS)

LAT: 49 57.77LONG: 125 08.73

END POSITION (GPS)

LAT: 49 57.61LONG: 125 08.53Comments: Huge wire angle. Couldn't always wait 30 sec