

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 59

UTC DATE y/m/d: 2001/01/11
CAST NUMBER: 2

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/L	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	1	1215		601.5	220	✓											5.269	
2	2	1216		200	200	✓											5.239	
3	3	1218		175	175	✓											5.197	
4	4	1219		150		✓											5.169	
5	5	1222		125		✓											5.197	
6	6	1223		100		✓											5.179	
7	7	1224		75		✓											5.180	
8	8	1225		50		✓											5.184	
9	9	1228		40		✓											5.185	
10	10	1230		30		✓											5.185	
11	11	1231		20		✓											5.185	
12	12	1233		10		✓											5.142	
13	13	1234		5		✓											5.200	
14	14	1235		surface		✓											5.248	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 235

Cast # down: 2
Cast # up: 2

Time	LOC	UTC
Begin:		1:53
Bottom:		2:08
End:		2:24

START POSITION (GPS)
LAT: 48 37.77
LONG: 123 14.61

BOTTOM POSITION (GPS)
LAT: 48 37.68
LONG: 123 14.61

END POSITION (GPS)
LAT: 48 37.72
LONG: 123 14.58

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: STN 69

UTC DATE y/m/d: 01/01/11
CAST NUMBER: 06

SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	15	1237		Bott-10	172	✓											4.415	Should be sample
2	16	1238		150	150	✓											4.443	#15 15, 16, 17
3	17	1241		125	125	✓											4.491	18, 19
4	18	1243		100	99	✓											4.820	In file 1, 2, 3
5	19	1244		75	75	✓											4.874	4, 5
6	20	1247		50	50	✓											4.882	
7	21	1248		40	40	✓											4.902	
8	22	1249		30	30	✓											4.928	
9	23	1251		20	20	✓											4.936	
10	24	1252		10	10	✓											4.984	
11	25	1254		5	5	✓											5.120	
12	26	1256		0	1	✓											5.235	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 181

Cast # down: 6
Cast # up: 6

Time	LOC	UTC
Begin:		0805
Bottom:		0813
End:		0825

START POSITION (GPS)
LAT: 48° 15.59'
LONG: 123° 43.36'

BOTTOM POSITION (GPS)
LAT: 48° 15.59'
LONG: 123° 43.36'

END POSITION (GPS)
LAT: 48° 15.59'
LONG: 123° 43.36'

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: STN 72

UTC DATE y/m/d: 01/01/11
CAST NUMBER: 9

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do m.l.l.d.	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	27	1136		Bot - 10	175	✓											3.416	
2	28	1137		175	175	✓											3.340	
3	29	1138		150	150	✓											3.345	
4	30	1141		125	127	✓											3.646	
5	31	1142		100		✓											4.566	
6	32	1146		75		✓											5.172	
7	33	1148		50		✓											5.566	
8	34	1153		40	41	✓											5.742	
9	35	1171		30	31	✓											5.810	
10	36	1174		20		✓											5.935	
11	37	1175		10		✓											6.166	
12	38	1158		5		✓											6.319	
13	39	1176		0	1	✓											6.492	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 191

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		12:51
Bottom:		12:57
End:		13:09

START POSITION (GPS)
LAT: 48 18.74
LONG: 124 3.80

BOTTOM POSITION (GPS)
LAT: 48 18.66
LONG: 124 3.73

END POSITION (GPS)
LAT: 48 18.58
LONG: 124 3.68

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 102UTC DATE y/m/d: 01/01/11
CAST NUMBER: 12SHIP: vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	40	1177		Bot -5	247	✓											2.679	
2	41	1180		240		✓											2.704	
3	42	1188		200		✓											3.011	
4	43			175		✓												No water in #4
5	44	1191		150		✓											4.052	
6	45	1192		125		✓											4.609	
7	46	1193		100		✓											4.994	
8	47	1194		75		✓											6.339	
9	48	1195		50		✓											6.066	
10	49	1197		40		✓											6.321	
11	50	1198		30		✓											6.289	
12	51	1201		20		✓											6.519	
13	52	1203		10													6.725	
14	53	1206		5				✓									6.723	
15	54	1209		0				✓									6.746	
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 259Cast # down: 12
Cast # up: 12

Time	LOC	UTC
Begin:		1800
Bottom:		1809
End:		1826

START POSITION (GPS)
LAT: 48 29.99
LONG: 124 44.44BOTTOM POSITION (GPS)
LAT: 48 30.04
LONG: 124 44.20END POSITION (GPS)
LAT: 48 30.16
LONG: 124 44.46

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 75

UTC DATE y/m/d: 01/01/11
CAST NUMBER: 15

SHIP: VECTON

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												Do	Command
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
1	55	84		607-5	221	/													3.009	
2	56	285		225	220	/													2.972	
3	57	364		200	199	/													3.021	
4	58	1135		175	175	/													3.293	
5	59	392		150	151	/													4.006	
6	60	443		125	125	/													4.400	
7	61	486		100	100	/													5.022	
8	62	534		75	74	/													5.278	
9	63	535		50	52	/													5.857	
10	64	572		40	40	/													6.050	
11	65	588		30	30	/													6.324	
12	66	632		20	21	/													6.515	
13	67	650		10	10	/													6.591	
14	68	657		5	5	/													6.656	
15	69	695		0	1	/													6.685	
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 225

Cast # down: 75 15
Cast # up: 43 15

Time	LOC	UTC
Begin:		2123
Bottom:		2131
End:		2155

START POSITION (GPS)
LAT: 48 31.36
LONG: 124 29.93

BOTTOM POSITION (GPS)
LAT: 48 31.36
LONG: 124 29.93

END POSITION (GPS)
LAT: 48 31.36
LONG: 124 29.90

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: ADCP

UTC DATE y/m/d: 2001/01/12
CAST NUMBER: 18

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do m/d/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY	CHL		C13							
1	70	697		Bot-5		✓											4.762	
2	71	707		100		✓											4.767	
3	72	708		75		✓											4.801	
4	73	709		50		✓											4.831	
5	74	712		40		✓											5.194	
6	75	715		30		✓											4.913	
7	76	727		20		✓											4.921	
8	77	730		10		✓											4.972	
9	78	1105		5		✓											5.133	
10	79	1110		0		✓			✓	✓							5.296	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 121

Cast # down: 18
Cast # up: 18

Time	LOC	UTC
Begin:		0521
Bottom:		0525
End:		0534

START POSITION (GPS)
LAT: 48 13.94
LONG: 123 18.22

BOTTOM POSITION (GPS)
LAT: 48 13.92
LONG: 123 18.34

END POSITION (GPS)
LAT: 48 13.83
LONG: 123 18.57

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 62

UTC DATE y/m/d: 2001/01/12
CAST NUMBER: 22

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												Do m.l/l	Comments
					Trip pressure	Confirmed Salinity	SAL			NUT		ALK		TCO						
								OXY		CHL		C13								
1	80	1215		Bot-10	143	✓		✓	✓										5.291	
2	81	1216		125	127	✓		✓	✓										5.222	
3	82	1218		100	101	✓		✓	✓										5.273	
4	83	1219		75	75	✓		✓	✓										5.283	
5	84	1222		50	50	✓		✓	✓										5.259	
6	85	1223		40	40	✓		✓	✓										5.247	
7	86	1224		30	30	✓		✓	✓										5.241	
8	87	1225		20	20	✓		✓	✓										5.262	
9	88	1228		10	10	✓		✓	✓										5.235	
10	89	1230		5	5	✓		✓	✓										5.230	
11	90	1231		0	0.5	✓		✓	✓										5.229	
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 150 m

Cast # down: 22
Cast # up: 22

Time	LOC	UTC
Begin:		0916
Bottom:		0922
End:		0932

START POSITION (GPS)
LAT: 48 22.71
LONG: 123 02.55

BOTTOM POSITION (GPS)
LAT: 48 22.63
LONG: 123 02.56

END POSITION (GPS)
LAT: 48 22.58
LONG: 123 02.54

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 65

UTC DATE y/m/d: 2001/01/12
CAST NUMBER: 23

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	91	1234		Bot-10	117												4.884	Sm bubble
2	92	1235		100	100												4.967	"
3	93	1237		95	76												5.125	
4	94	1238		50	50												5.173	
5	95	1241		40	40												5.202	Sm bubble
6	96	1243		30	30												5.179	
7	97	1244		20	20												5.431	large bubble
8	98	1247		10	10												5.370	Sm "
9	99	1248		5	5												5.398	"
10	100	1249		0	.7												5.491	"
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 125

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	<u>10:40</u>	
Bottom:	<u>10:44</u>	
End:	<u>10:52</u>	

START POSITION (GPS)
LAT: 48 16.04
LONG: 123 9.62

BOTTOM POSITION (GPS)
LAT: 48 16.01
LONG: 123 9.57

END POSITION (GPS)
LAT: 48 15.97
LONG: 123 9.57

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 56

UTC DATE y/m/d: 2001/01/12
CAST NUMBER: 32

SHIP: Vector

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

ROSETTE OPERATION		Samples taken												Do	Comments
Trip	Confirmed	SAL		NUT		ALK		TCO							
pressure	Salinity		OXY		CHL		C13							mVd	
1	101	1267		Bot - 5	212	✓		x						5.216	Bubble
2	102	1268		200	200	✓		x						5.161	
3	103	1270		175	175	✓								5.141	
4	104	1271		150	150	✓								5.115	
5	105	1272		125	125	✓								5.088	
6	106	1273		100	100	✓								5.090	Lowest Bubble
7	107	1274		75	75	✓								4.994	
8	108	1275		50	50	✓								4.936	
9	109	1276		40	40	✓								4.905	
10	110	1277		20	30	✓									Did not Trip?
11	111	1278		20	20	✓								4.940	
12	112	1279		10	10	✓								4.931	
13	113	1280		5	5	✓								4.992	
14	114	1281		0	13	✓								5.151	
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

ENTERED BY:
CHECKED BY:

Bottom Depth: 213

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		2122
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 46.34
LONG: 123 01.77

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 46

UTC DATE y/m/d: 2001/01/13
CAST NUMBER: 39

SHIP: CCGS VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	115	1286	175	170		✓											5.022	
2	116	1287	150	150		✓											5.048	
3	117	1288	125	125		✓											5.130	
4	118	1290	100	100		✓											5.141	
5	119	1291	75	75		✓												Program Error
6	120	1292	50	50		✓											5.366	closed & restarted program
7	121	1293	40	40		✓											4.942	
8	122	1294	30	30		✓											4.869	
9	123	1295	20	20		✓											4.807	
10	124	1297	10	10		✓											5.480	
11	125	1298	5	5		✓											6.298	
12	126	1299	0	1		✓											6.607	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 180

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2:17
Bottom:		2:23
End:		2:34

START POSITION (GPS)
LAT: 48 51.74
LONG: 123 10.78

BOTTOM POSITION (GPS)
LAT: 48 51.45
LONG: 123 10.71

END POSITION (GPS)
LAT: 48 51.36
LONG: 123 10.70

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 42UTC DATE y/m/d: 2001/01/13
CAST NUMBER: 44SHIP: vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	127	84		bot-5		/	✓										2.727	
2	128	255		300		/	✓										2.678	
3	129	364		250		/	✓										3.027	
4	130	135		200		/											3.250	
5	131	392		175		/											3.478	
6	132	443		150		/											3.824	
7	133	486		125		/											3.830	
8	134	534		100		/											4.141	
9	135	535		75		/											4.202	
10	136	572		50		/											3.882	
11	137	588		40		/											3.823	
12	138	632		30		/											3.973	
13	139	650		20		/											4.922	
14	140	657		10		/											5.551	
15	141	695		5		/											6.513	
16	142	697		surf		/											6.817	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

* labels have 2000-01 instead of 2001-01

ENTERED BY:
CHECKED BY:Bottom Depth: 321Cast # down: 44Cast # up: 44

Time	LOC	UTC
Begin:		0632
Bottom:		0643
End:		0701

START POSITION (GPS)	
LAT:	49 01.75
LONG:	123 26.15

BOTTOM POSITION (GPS)	
LAT:	49 01.76
LONG:	123 26.22

END POSITION (GPS)	
LAT:	49 01.88
LONG:	123 26.18

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 39

UTC DATE y/m/d: 2001/01/13
CAST NUMBER: 50

SHIP: CCGS VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	143	707		Bot-5	378	✓	✓										2.456	
2	144	708		350	350	✓	✓										2.549	
3	145	709		300	300	✓	✓										2.865	
4	146	712		250	250	✓											3.125	
5	147	715		200	200	✓											4.019	
6	148	727		175	175	✓											4.292	
7	149	730		150	150	✓											4.603	
8	150	1105		125	123	✓											4.499	
9	151	1110		100	100	✓											4.607	
10	152	1126		75	75	✓											4.074	
11	153	1128		50	51	✓											3.692	
12	154	1130		40	40	✓											4.855	
13	155	1134		30	30	✓											5.528	
14	156	337		20	20	✓											6.083	
15	157	1215		10	10	✓											6.317	
16	158	1216		5	5	✓											6.599	
17	159	1218		0	1	✓											6.724	
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 383

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	12	12 28
Bottom:		12 36
End:		12 54

START POSITION (GPS)
LAT: 49 9.80
LONG: 123 33 09

BOTTOM POSITION (GPS)
LAT: 49 9.75
LONG: 123 33.19

END POSITION (GPS)
LAT: 49 9.88
LONG: 123 33.12

Comments: * labels have been 2000-01 instead of 2001-01

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 27

UTC DATE y/m/d: 2001/01/13
CAST NUMBER: 53

SHIP: CCGS Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	160	1224		Bot - 5		✓	✓										2.582	
2	161	1225		300		✓	✓										2.736	
3	162	1228		250		✓											2.936	
4	163	1230		200		✓											3.148	
5	164	1231		175		✓											3.450	
6	165	1233		150		✓											3.573	
7	166	1234		125		✓											3.462	
8	167	1235		100		✓											3.541	
9	168	1237		75		✓											3.827	
10	169	1238		50		✓											3.438	
11	170	1241		40		✓											4.098	
12	171	1243		30		✓											4.996	
13	172	1244		20		✓											6.006	
14	173	1247		10		✓											6.329	
15	174	1248		5		✓											6.356	
16	175	1249		0													6.629	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 347

Cast # down: 53
Cast # up: 53

Time	LOC	UTC
Begin:		1551
Bottom:		1601
End:		1621

START POSITION (GPS)
LAT: 49 19.25
LONG: 123 47.97

BOTTOM POSITION (GPS)
LAT: 49 19.21
LONG: 123 47.95

END POSITION (GPS)
LAT: 49 19.12
LONG: 123 47.95

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 02

UTC DATE y/m/d: 2001/01/13
CAST NUMBER: 57

SHIP: CCGS VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	176	1136		Bot-5	295	✓											2.582	
2	177	1137		250	250	✓											2.670	
3	178	1138		200	200	✓											3.268	
4	179	1141		175	175	✓											3.855	
5	180	1142		150	150	✓											3.953	
6	181	1146		125	125	✓											3.792	
7	182	1148		100	100	✓											3.673	
8	183	1153		75	75	✓											3.666	
9	184	1171		50	50	✓											4.821	
10	185	1174		40	40	✓											5.421	
11	186	1175		30	30	✓											6.021	
12	187	1158		20	20	✓											6.099	
13	188	1176		10	10	✓											6.485	
14	189	1177		5	5	✓											6.758	
15	190	1180		0	1.3	✓											6.626	
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 283

Cast # down: 57
Cast # up: 57

Time	LOC	UTC
Begin:		2037
Bottom:		2046
End:		2102

START POSITION (GPS)
LAT: 49 24.09
LONG: 124 09.30

BOTTOM POSITION (GPS)
LAT: 49 24.14
LONG: 124 09.16

END POSITION (GPS)
LAT: 49 20.31
LONG: 124 12.08

Comments:

ROSETTE LOG

MISSION ID: 2007-01
STATION NAME: 03

UTC DATE y/m/d: 2007/01/13
CAST NUMBER: 60

SHIP: CCGS VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	191	84		Bot-5	325	✓											2.524	
2	192	255		300	300	✓											2.592	
3	193	364		250	250	✓											2.742	
4	194	1135		200	200	✓											3.116	
5	195	392		175	175	✓											3.310	
6	196	443		150	150	✓											3.519	
7	197	486		125	125	✓											3.980	
8	198	534		100	100	✓											3.659	
9	199	535		75	75	✓											3.024	
10	200	572		50	50	✓											3.768	
11	201	588		40	40	✓											4.187	
12	202	622		30	30	✓											4.674	
13	203	650		20	20	✓											5.163	
14	204	657		10	10	✓											5.835	
15	205	695		5	5	✓											6.048	
16	206	697		0	1.3	✓											6.290	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 328

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2330
Bottom:		2344
End:		0001

START POSITION (GPS)
LAT: 49 26.56
LONG: 124 20.17

BOTTOM POSITION (GPS)
LAT: 49 26.47
LONG: 124 20.12

END POSITION (GPS)
LAT: 49 26.47
LONG: 124 19.97

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 6

UTC DATE y/m/d: 2001/01/14
CAST NUMBER: 62

SHIP: CCGS VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do mtd	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	207	707		186	186	✓											3.326	
2	208	708		175	175	✓											3.318	
3	209	709		150	150	✓											3.591	
4	210	712		125	125	✓											3.513	
5	211	715		100	100	✓											3.302	
6	212	727		75	75	✓											3.460	
7	213	730		50	50	✓											4.162	
8	214	1105		40	40	✓											4.937	
9	215	1110		30	30	✓											5.370	
10	216	1126		20	20	✓											5.997	
11	217	1128		10	10	✓											6.040	
12	218	1130		5	5	✓											6.126	
13	219	1134		0	1	✓											6.158	High Pressure
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 195

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		01:27
Bottom:		01:35
End:		01:46

START POSITION (GPS)
LAT: 49 30.53
LONG: 124 27.72

BOTTOM POSITION (GPS)
LAT: 49 30.44
LONG: 124 27.69

END POSITION (GPS)
LAT: 49 30.43
LONG: 124 27.83

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 9

UTC DATE y/m/d: 2001/01/1
CAST NUMBER: 65

SHIP: CCGS Vector

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

ROSETTE OPERATION		Samples taken												Do	Comments
Trip	Confirmed	SAL		NUT		ALK		TCO							
pressure	Salinity		OXY		CHL		C13							ml/l	

1	220	1215		Bot-5	/	✓								2.755	
2	221	1218		150	/	✓								2.850	
3	222	1216		125	/									2.909	
4	223	1219		100	/									3.184	
5	224	1222		75	/									3.751	
6	225	1223		50	/									3.927	
7	226	1224		40	/									4.812	
8	227	1225		30	/									5.088	
9	228	1228		20	/									5.552	
10	229	1230		10	/									5.913	
11	230	1231		5										6.012	
12	231	1233		0										6.011	
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 172

Cast # down: 9
Cast # up: 9

Time	LOC	UTC
Begin:		0428
Bottom:		0435
End:		0447

START POSITION (GPS)
LAT: 49 35 51
LONG: 124 38 26

BOTTOM POSITION (GPS)
LAT: 49 35 51
LONG: 124 38 21

END POSITION (GPS)
LAT: 49 35 46
LONG: 124 38 22

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 12

UTC DATE y/m/d: 2001/01/14
CAST NUMBER: 68

SHIP: CSG-5 VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	232	1234		Bottom-5		/	x										2.657	
2	233	1235		300		/	x										2.645	
3	234	1237		250		/											3.101	
4	235	1238		200		/											3.198	
5	236	1241		175		/											3.271	
6	237	1243		150		/											3.279	
7	238	1244		125		/											3.182	
8	239	1247		100		/											3.017	
9	240	1248		75		/											4.123	
10	241	1249		50		/											5.844	
11	242	1251		40		/											6.210	
12	243	1252		30		/											6.321	
13	244	1254		20		/											6.345	
14	245	1256		10		/											6.343	
15	246	1258		5		/											6.335	
16	247	1260		0													6.366	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 358

Cast # down: 68
Cast # up: 68

Time	LOC	UTC
Begin:		0703
Bottom:		0715
End:		0733

START POSITION (GPS)
LAT: 49 43 62
LONG: 124 40.69

BOTTOM POSITION (GPS)
LAT: 49 43.68
LONG: 124 40.65

END POSITION (GPS)
LAT: 49 43.44
LONG: 124 40.70

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 14

UTC DATE y/m/d: 2001/01/14
CAST NUMBER: 70

SHIP: VECTOR

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

ROSETTE OPERATION		Samples taken												Do ml/l	
Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
			OXY		CHL		C13								
1	248	1136		Bot-5	309	✓								2.946	
2	249	1137		300	300	✓								2.929	
3	250	1138		250	250	✓								3.002	
4	251	1141		200	200	✓								3.156	
5	252	1142		175	175	✓								3.124	
6	253	1146		150	150	✓								3.045	
7	254	1148		125	125	✓								3.033	
8	255	1153		100	100	✓								3.166	
9	256	1171		75	75	✓								3.432	
10	257	1174		50	50	✓								4.121	
11	258	1175		40	40	✓								4.585	
12	259	1158		30	30	✓								4.739	
13	260	1176		20	20	✓								4.925	
14	261	1177		10	10	✓								5.097	
15	262	1180		5	5	✓								5.620	
16	263	1180		0	1	✓								5.794	
17															
18															
19															
20															
21															
22															
23															
24															

ENTERED BY:
CHECKED BY:

Bottom Depth: 315

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0953
Bottom:		1003
End:		1022

START POSITION (GPS)
LAT: 49 52.98
LONG: 124 59.62

BOTTOM POSITION (GPS)
LAT: 49 52.99
LONG: 124 59.67

END POSITION (GPS)
LAT: 49 53.02
LONG: 124 59.76

Comments:

ROSETTE LOG

MISSION ID: 2001-01
STATION NAME: 16

UTC DATE y/m/d: 2001/01/14
CAST NUMBER: 72

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	269	1192		Bot-5	150	✓											3.484	Not using
2	265	1193		125	125	✓											4.007	my bottles & stat
3	266	1194		100	100	✓											4.713	values?
4	267	1195		75	75	✓											4.805	
5	268	1197		50	50	✓											5.060	
6	269	1198		40	40	✓											5.024	
7	270	1201		30	30	✓											5.209	
8	271	1203		20	20	✓											5.334	
9	272	1206		10	10	✓											5.563	
10	273	1209		5	5	✓											5.653	
11	274	1210		0	1	✓											5.649	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 155

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		12:00
Bottom:		12:06
End:		12:14

START POSITION (GPS)
LAT: 49 57.66
LONG: 125 8.66

BOTTOM POSITION (GPS)
LAT: 49 57.67
LONG: 125 8.67

END POSITION (GPS)
LAT: 49 57.65
LONG: 125 8.67

Comments: