

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: SI-1UTC DATE y/m/d: 2000/08/28
CAST NUMBER: 001SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	1	1258		Bot-5	177.9	✓		✓									0.022	
2	2	1260		Surface	0.8	✓		✓									6.613	
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:Bottom Depth: 185Cast # down: 1Cast # up: 1

Time	LOC	UTC
Begin:		20:58
Bottom:		21:03
End:		21:08

START POSITION (GPS)	
LAT:	48 39.07
LONG:	123 30.41

BOTTOM POSITION (GPS)	
LAT:	48 39.08
LONG:	123 30.47

END POSITION (GPS)	
LAT:	48 39.07
LONG:	123 30.54

Comments:

ROSETTE LOG

MISSION ID:

2000 - 27

UTC DATE y/m/d:

2000/08/28

STATION NAME:

59

CAST NUMBER:

2

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Da mb/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	3	1212		Bot-5	226.5	✓											2.966	
2	4	1215		200	203.9	✓											2.965	
3	5	1216		175	169.8	✓											3.364	
4	6	1218		150	161.6	✓											did not close	
5	7	1219		125	132	✓											4.125	
6	8	1222		100	98.4	✓											4.391	
7	9	1223		75	74.3	✓											4.427	
8	10	1224		50	50.2	✓											4.466	
9	11	1225		40	39.7	✓											4.493	
10	12	1228		30	30.1	✓											4.512	
11	13	1230		20	20.0	✓											4.397	
12	14	1231		10	9.8	✓											4.567	
13	15	1233		0	0.5	✓											4.458	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

Long wire angle
#4 did not close

ENTERED BY:

CHECKED BY:

Bottom Depth: 234

Cast # down: 2

Cast # up: 2

Time LOC UTC

Begin: 22:51

Bottom: 23:00

End: 23:27

START POSITION (GPS)

LAT: 48°37.68'

LONG: 123°14.53'

BOTTOM POSITION (GPS)

LAT: 48°37.34'

LONG: 123°14.53'

END POSITION (GPS)

LAT: 48°37.98'

LONG: 123°14.76'

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 102UTC DATE y/m/d: 29 Aug 2000
CAST NUMBER: 6SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	16			60.5	1	✓	✓											
2	17			230		✓	✓											
3	18			200		✓	✓											
4	19			175	11	✓												
5	20			150	11	✓												
6	21			125	6.3	✓												
7	22			100	00	?												
8	23			75	4.5	?												
9	24			50														
10	25			40	41	✓												
11	26			30	29	✓												
12	27			20	21	✓												
13	28			10	10.4	✓	14											
14	29			5	5.7	✓	15											
15	30			0	1.5	✓	16											
16	31																	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 6Cast # up: 6

Time	LOC	UTC
Begin:	10:16	
Bottom:	10:21	
End:	10:48	

START POSITION (GPS)	
LAT:	48 30.07
LONG:	124 44.13

BOTTOM POSITION (GPS)	
LAT:	48 30.08
LONG:	124 44.21

END POSITION (GPS)	
LAT:	48 30.10
LONG:	124 44.48

Comments:

(messed up) done again

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 102BUTC DATE y/m/d: 29 Aug 2000
CAST NUMBER: 7SHIP: 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	16	1234		127.5	242	✓											1.897	
2	17	1235		230		✓											1.844	
3	18	1237		200		✓											Program aborted titration	
4	19	1238		175		✓											1.826	
5	20	1241		150		✓											2.111	
6	21	1243		125	124	✓											2.329	
7	22	1244		100		✓											2.474	
8	23	1247		75	74	✓											2.803	
9	24	1248		50	51	✓											3.188	
10	25	1210		40		✓											3.108	
11	26	1251		30		✓											2.962	
12	27	1254		20		✓	X										3.077	
13	28	1256		10		✓	X										4.502	
14	29	1252		5		✓	X										5.678	
15	30	1105		0		✓	X										7.146	
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:Bottom Depth: 256

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		11:17
Bottom:		11:23
End:		11:37

START POSITION (GPS)		
LAT:	48	30.01
LONG:	124	44.16

BOTTOM POSITION (GPS)		
LAT:	48	30.00
LONG:	124	44.22

END POSITION (GPS)		
LAT:	48	30.02
LONG:	124	44.48

Comments:

2nd try on 102 with old CTD software.

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 75UTC DATE y/m/d: 2000/08/29
CAST NUMBER: 10SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	31	392		Bot-5	209	✓											2.032	
2	32	84		200		✓											1.797	
3	33	255		175		✓											1.778	
4	34	337		150		✓											1.822	
5	35	364		125		✓											2.049	
6	36	443		100		✓											2.200	
7	37	486		75		✓											2.731	
8	38	534		50		✓											2.988	
9	39	535		40		✓											3.429	
10	40	641		30		✓											3.892	
11	41	588		20		✓											4.252	
12	42	632		10		✓											5.266	
13	43	572		0	1.7	✓											5.359	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:Bottom Depth: 221Cast # down: 10Cast # up: 10

Time	LOC	UTC
Begin:		14:33
Bottom:		14:37
End:		14:50

START POSITION (GPS)		
LAT:	48	28.24
LONG:	124	32.83

BOTTOM POSITION (GPS)		
LAT:	48	28.29
LONG:	124	32.92

END POSITION (GPS)		
LAT:	48	28.48
LONG:	124	33.08

Comments:

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 72UTC DATE y/m/d: 29 Aug 2000
CAST NUMBER: 15SHIP: 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	44	650		bot-5	180	✓											1.771	
2	45	1130		175	✓	✓											1.772	
3	46	657		150	✓	✓											1.796	
4	47	695		125	✓	✓											1.791	
5	48	697		100	✓	✓											1.805	
6	49	707		75	✓	✓											2.330	
7	50	708		50	✓	✓											2.808	
8	51	709		40	✓	✓											3.163	
9	52	712		30	✓	✓											3.546	
10	53	715		20	✓												3.817	
11	54	727		10	✓												4.026	
12	55	730		5	1.1												4.324	
13	56			0													No Sample	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 186Cast # down: 15Cast # up: 15

Time	LOC	UTC
Begin:	<u>1846</u>	
Bottom:	<u>1935</u>	
End:	<u>1948</u>	

START POSITION (GPS)	
LAT:	<u>48 18.54</u>
LONG:	<u>124 3.82</u>

BOTTOM POSITION (GPS)	
LAT:	<u>48 18.4</u>
LONG:	<u>124 3.53</u>

END POSITION (GPS)	
LAT:	<u>48 18.28</u>
LONG:	<u>124 03.36</u>

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 69UTC DATE y/m/d: 2000/08/29
CAST NUMBER: 18 + 19SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO				
								OXY		CHL		C13					
1	57	1295		Bot -10	170	✓	X										Cast 18 1.665
2	58	1297		150	149	✓	X										1.652
3	59	1298		125	125	✓											1.701
4	60	1299		100	100.2	✓											Cast 18 2.577
5	61	1300		75	74.	✓											Cast 19 3.122
6	62	1301		50		✓											3.863
7	63	1302		40		✓											4.029
8	64	1303		30		✓											3.477
9	65	1304		20		✓											3.576
10	66	1305		10		✓											4.356
11	67	1306		0		✓											3.947
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

ENTERED BY:
CHECKED BY: Bottom Depth: 170Cast # down: 18Cast # up: 18 + 19

Time	LOC	UTC
Begin:	22:22	
Bottom:	22:26	
End:	22:39	

START POSITION (GPS)
LAT: 48°15.61
LONG: 123°42.83BOTTOM POSITION (GPS)
LAT: 48 15.65
LONG: 123 42.57END POSITION (GPS)
LAT: 48 15 68
LONG: 123 41 66Comments:

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: ADCPUTC DATE y/m/d: 30 Aug 2000
CAST NUMBER: 22SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										D ₆ ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	68	1209		bot. 5	110	✓											program aborted titration	
2	69	1249		100		✓											2.339	
3	70	1261		75		✓											2.216	
4	71			50		✓											2.899	did not close
5	72	1267		40		✓											3.067	
6	73	1268		30		✓											3.072	
7	74	1270		20		✓											3.111	
8	75	1271		10		✓											3.467	
9	76	1272		5		✓											4.091	
10	77	1273		0		✓												
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: DM
CHECKED BY: DMBottom Depth: 119Cast # down: 22Cast # up: 22

Time	LOC	UTC
Begin:		1:26
Bottom:		1:28
End:		1:37

START POSITION (GPS)		
LAT:	48	14.00
LONG:	123	17.83

BOTTOM POSITION (GPS)		
LAT:	48	13.97
LONG:	123	17.77

END POSITION (GPS)		
LAT:	48	13.90
LONG:	123	17.61

Comments:

bot 4 did not close.

22.54 32.95 2.60

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 62UTC DATE y/m/d: 2000/08/30
CAST NUMBER: 26SHIP: 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	78	1276		601-5	139	✓											2.648	
2	79	1277		125		✓											2.867	
3	80	1278		100		✓											2.928	
4	81	1279		75		✓											3.318	
5	82	1280		50		✓											3.975	
6	83	1281		40		✓											3.619	
7	84	1282		30		✓											4.118	
8	85	1284		20		✓											4.383	
9	86	1285		10		✓											4.530	
10	87	1286		5		✓											4.517	
11	88	1283		0		✓											4.472	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 177Cast # down: 26Cast # up: 26

Time	LOC	UTC
Begin:		05:09
Bottom:		05:13
End:		05:28

START POSITION (GPS)	
LAT:	48 22.77
LONG:	123 02.53

BOTTOM POSITION (GPS)	
LAT:	48 22.72
LONG:	123 02.46

END POSITION (GPS)	
LAT:	48 22.44
LONG:	123 02.47

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 56UTC DATE y/m/d: 30 Aug 2000
CAST NUMBER: 34SHIP: 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					
1	89	1307		B-5	212	✓	x										3.461	
2	90	1308		200		✓	x										3.576	
3	91	1309		175		✓											3.549	
4	92	1310		150	147	✓											4.150	
5	93	1311		125		✓											3.664	
6	94	1312		100		✓											4.702	
7	95	1313		75		✓											4.071	
8	96	1314		50		✓											4.154	
9	97	1315		40		✓											4.634	
10	98	1316		30		✓											4.705	
11	99	1317		20		✓											4.614	
12	100	1318		10		✓											4.842	
13	101	1319		5		✓											5.552	
14	102	1320		0		✓											6.311	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:Bottom Depth: 228Cast # down: 34Cast # up: 34

Time	LOC	UTC
Begin:		<u>14:52</u>
Bottom:		<u>14:57</u>
End:		<u>15:23</u>

START POSITION (GPS)		
LAT:	<u>48</u>	<u>46.13</u>
LONG:	<u>123</u>	<u>1.68</u>

BOTTOM POSITION (GPS)		
LAT:	<u>48</u>	<u>45.87</u>
LONG:	<u>123</u>	<u>1.83</u>

END POSITION (GPS)		
LAT:	<u>48</u>	<u>44.98</u>
LONG:	<u>123</u>	<u>2.79</u>

Comments:

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 46UTC DATE y/m/d: 00/08/30
CAST NUMBER: 43SHIP: 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	103	1209		172	607-5	✓											3.374	
2	104	1249		168.5	175	✓											3.372	
3	105	1261		150.6	150	✓											3.443	
4	106	1264			125	✓											3.325	
5	107	1267			100	✓											3.327	
6	108	1268			75	✓											3.679	
7	109	1270		49.9	50	✓											4.647	
8	110	1271		40.2	40	✓											4.109	
9	111	1272			30	✓											4.045	
10	112	1273			20	✓											4.625	
11	113	1274			10	✓											5.782	
12	114	1275			5	✓											6.780	
13	115	1276			0	✓											7.563	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 172Cast # down: 13Cast # up: 43

Time LOC UTC

Begin: 4 22:09Bottom: 22:13End: 22:28

START POSITION (GPS)

LAT: 48 51.47LONG: 123 10.09

BOTTOM POSITION (GPS)

LAT: 48 51.52LONG: 123 10.93

END POSITION (GPS)

LAT: 48 51.73LONG: 123 11.20

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 42UTC DATE y/m/d: 31 Aug 2000
CAST NUMBER: 450

SHIP: vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Depth m/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	116	1277		B-5	310.7	✓											3.559	
2	117	1278		300		✓											3.070	
3	118	1279		250		✓											3.040	
4	119	1280		200		✓											3.385	
5	120	1281		175		✓											3.169	
6	121	1282		150		✓											3.252	
7	122	1284		125		✓											3.857	
8	123	1285		100		✓											4.378	
9	124	1286		75		✓											3.656	
10	125	1283		50		✓											3.605	
11	126	1287		40		✓											3.683	
12	127	1289		30		✓											3.982	
13	128	1290		20		✓											4.520	
14	129	1291		10		✓											6.114	
15	130	1292		5		✓											6.515	
16	131	1293		0		✓											6.541	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 322

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0:24
Bottom:		0:30
End:		0:45

START POSITION (GPS)		
LAT:	49	1.81
LONG:	123	26.22

BOTTOM POSITION (GPS)		
LAT:	49	1.78
LONG:	123	26.29

END POSITION (GPS)		
LAT:	49	1.79
LONG:	123	26.48

22.26 42.01 2.70

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 39UTC DATE y/m/d: 31 Aug 2000
CAST NUMBER: 49SHIP: 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	132	392		601-5	370	✓	X										3.146	
2	133	84		350		✓	X										3.064	
3	134	255		300		✓	X										3.127	
4	135	337		250		✓	X										3.096	
5	136	364		200		✓											3.102	
6	137	443		175		✓											3.156	
7	138	486		150		✓											3.207	
8	139	534		125		✓											3.422	
9	140	535		100		✓											3.372	
10	141	641		75		✓											3.426	
11	142	588		50		✓											3.667	
12	143	632		40		✓											3.732	
13	144	572		30		✓											3.897	
14	145	650		20		✓											4.460	
15	146	1136		10		✓											6.032	
16	147	657		5		✓											6.449	
17	148	695		0		✓											6.518	
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 378Cast # down: 49Cast # up: 49

Time	LOC	UTC
Begin:		03:57
Bottom:		04:05
End:		04:29

START POSITION (GPS)		
LAT:	49	09.78
LONG:	123	32.97

BOTTOM POSITION (GPS)		
LAT:	49	09.80
LONG:	123	32.95

END POSITION (GPS)		
LAT:	49	09.90
LONG:	123	32.83

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 27UTC DATE y/m/d: 2000/08/31
CAST NUMBER: 52SHIP: 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	149	697		339	bot-5	✓	X										3.170	
2	150	707			300	✓	X										3.052	
3	151	708			250	✓	X										3.068	
4	152	709			200	✓	X										3.140	
5	153	712			175	✓											3.176	
6	154	715			150	✓											3.311	
7	155	727			125	✓											3.397	
8	156	730			100	✓											3.424	
9	157	1106			75	✓											3.841	
10	158	1110			50	✓											3.649	
11	159	1126			40	✓											3.844	
12	160	1128			30	✓											4.258	
13	161	1295			20	✓											4.045	
14	162	1297			10	✓											5.691	
15	163	1298			5	✓											8.248	
16	164	1299			0	✓											7.759	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 346Cast # down: 52Cast # up: 52

Time	LOC	UTC
Begin:	07:47	
Bottom:	07:54	
End:	08:13	

START POSITION (GPS)	
LAT:	49 19.09
LONG:	123 47.94

BOTTOM POSITION (GPS)	
LAT:	49 19.04
LONG:	123 47.95

END POSITION (GPS)	
LAT:	49 18.83
LONG:	123 47.30

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 2

UTC DATE y/m/d: 2000/08/31
CAST NUMBER: 56

SHIP: VECTOR

[illegible]

ENTERED BY:
CHECKED BY:

Bottom Depth: 272

Cast # down: 2

Cast # up: 2

Time	LOC	UTC
Begin:		12:21
Bottom:		12:26
End:		12:39

START POSITION (GPS)	
LAT:	49 24.07
LONG:	124 9.26

BOTTOM POSITION (GPS)	
LAT:	49 24.02
LONG:	124 9.20

END POSITION (GPS)	
LAT:	49 23.96
LONG:	124 9.11

Comments:

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 3UTC DATE y/m/d: 31 Aug. 2000
CAST NUMBER: 59SHIP: 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	180	1209		bot-5	314	✓											2.747	
2	181	1249		300		✓											2.650	
3	182	1261		250		✓											2.883	
4	183	1264		200		✓											3.080	
5	184	1267		175		✓											3.199	sample 1810 flask 1209
6	185	1268		150		✓											3.191	
7	186	1270		125		✓											3.672	
8	187	1271		100		✓											4.121	
9	188	1272		75		✓											4.033	
10	189	1273		50		✓											3.978	
11	190	1274		40		✓											3.626	
12	191	1275		30		✓											3.741	
13	192	1276		20		✓											4.019	
14	193	1277		10		✓											6.152	
15	194	1278		5		✓											5.839	
16	195	1279		0		✓											6.437	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 323Cast # down: 59Cast # up: 59

Time	LOC	UTC
Begin:		14:43
Bottom:		14:49
End:		15:05

START POSITION (GPS)	
LAT:	49 26.58
LONG:	124 20.10

BOTTOM POSITION (GPS)	
LAT:	49 26.57
LONG:	124 19.90

END POSITION (GPS)	
LAT:	49 26.55
LONG:	124 19.37

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 6UTC DATE y/m/d: 31 Aug 2000
CAST NUMBER: 61SHIP: 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	196	1280		bot-5	186	✓											3.179	
2	197	1281		175		✓											3.533	
3	198	1282		150		✓											3.129	Didn't finish titration
4	199	1284		125		✓											3.868	
5	200	1285		100		✓											4.164	
6	201	1286		75		✓											4.930	
7	202	1283		50		✓											5.147	
8	203	1287		40		✓											6.220	Didn't finish titration
9	204	1288		30		✓											5.835	
10	205	1290		20		✓											4.543	
11	206	1291		10		✓											7.177	
12	207	1292		5		✓											7.961	
13	208	1293		0		✓											9.029	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 191Cast # down: 61Cast # up: 61

Time	LOC	UTC
Begin:		1636
Bottom:		1639
End:		1652

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

BOTTOM POSITION (GPS)		
LAT:	49	30.61
LONG:	124	27.86

END POSITION (GPS)		
LAT:	49	30.55
LONG:	124	27.96

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 9UTC DATE y/m/d: 2000/08/31
CAST NUMBER: 64SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comment
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	209	1134		bot-5	167	✓											2.413	
2	210	1135		150	152	✓											2.673	
3	211	1136		125	126	✓											3.194	
4	212	1137		100		✓											3.243	
5	213	1138		75		✓											3.197	
6	214	1171		50		✓											3.866	
7	215	1141		40	41	✓											3.606	
8	216	1146		30		✓											4.346	
9	217	1148		20		✓											4.696	
10	218	1153		10		✓											5.743	
11	219	1142		5		✓											6.284	
12	220	1158		0		✓											7.041	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 166Cast # down: 64Cast # up: 64

Time	LOC	UTC
Begin:	19:32	
Bottom:	19:38	
End:	19:50	

START POSITION (GPS)	
LAT:	49 35 56
LONG:	124 38.37

BOTTOM POSITION (GPS)	
LAT:	49 35 65
LONG:	124 38.41

END POSITION (GPS)	
LAT:	49 35.89
LONG:	124 38.61

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 12UTC DATE y/m/d: 2000/08/31
CAST NUMBER: 67SHIP: 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	221	1174		Bot-10	347	✓	X										2.933	
2	222	1175		300	300.6	✓	X										2.986	
3	223	1176		250		✓	X										3.033	
4	224	1177		200	200.8	✓											3.164	
5	225	1180		175	174.7	✓											3.201	
6	226	1138		150		✓											3.239	
7	227	1189		125		✓											3.319	
8	228	1191		100		✓											3.294	
9	229	1192		75		✓											3.268	
10	230	1193		50		✓											3.533	
11	231	1194		40		✓											3.838	
12	232	1195		30		✓											3.968	
13	233	1197		20		✓											4.457	
14	234	1198		10		✓											4.652	
15	235	1201		5		✓											6.331	
16	236	1202		0	1	✓											6.549	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 354Cast # down: 67Cast # up: 67

Time	LOC	UTC
Begin:	21:43	
Bottom:	21:51	
End:	22:13	

START POSITION (GPS)	
LAT:	49 43.55
LONG:	124 40.74

BOTTOM POSITION (GPS)	
LAT:	49 43.46
LONG:	124 40.65

END POSITION (GPS)	
LAT:	49 43.43
LONG:	124 40.63

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 14UTC DATE y/m/d: 2000/09/01
CAST NUMBER: 69

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/d	Comment
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	237	1326		B-5	308	✓	X											end point aborted + migration
2	238	1327		300		✓	X											initiation aborted by program - will try to reboot
3	239	1328		250		✓												" dummy # entered to flush
4	240	1329		200		✓												" always stops at 0.435ml
5	241	1330		175		✓												
6	242	1331		150		✓												
7	243	1332		125		✓												
8	244	1333		100		✓												
9	245	1334		75		✓												
10	246	1335		50		✓												
11	247	1336		40		✓												
12	248	1337		30		✓												
13	249	1338		20		✓												
14	250	1339		10		✓												check
15	251	1340		5		✓												
16	252	1341		0		✓												
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 315

Cast # down: 69

Cast # up: 69

Time LOC UTC

Begin: 0:18

Bottom: 0:24

End: 0:37

START POSITION (GPS)

LAT: 49 53.05

LONG: 124 59.55

BOTTOM POSITION (GPS)

LAT: 49 53.06

LONG: 124 59.58

END POSITION (GPS)

LAT: 49 53.14

LONG: 124 59.55

Comments:

ROSETTE LOG

MISSION ID: 2000-27
STATION NAME: 16UTC DATE y/m/d: 2000/9/11
CAST NUMBER: 71SHIP: 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	253	1342		bot-5	148	✓												
2	254			125		✓												
3	255			100		✓												
4	256			75		✓												
5	257			50		✓												
6	258			40		✓												
7	259			30		✓												
8	260			20		✓												
9	261			10		✓												
10	262			5		✓												
11	263			0		✓												
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		2:02
Bottom:		2:05
End:		2:12

START POSITION (GPS)		
LAT:	49	57.68
LONG:	125	8.81

BOTTOM POSITION (GPS)		
LAT:	49	57.68
LONG:	125	8.84

END POSITION (GPS)		
LAT:	49	57.69
LONG:	125	8.98

Comments: