

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 102

UTC DATE y/m/d: 99/08/12
CAST NUMBER: 2

SHIP: 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			255	243	✓	✓	✓	✓									
2	2			200		✓	✓											
3	3			175		✓												
4	4			150		✓												
5	5			125		✓												
6	6			100		✓												
7	7			75		✓												
8	8			50		✓												
9	9			30		✓												
10	10			20		✓		✓	✓	✓								
11	11			10		✓		✓	✓	✓								
12	12			5		✓		✓	✓	✓								
13	13			0	15	✓		✓	✓	✓								
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:		
Bottom:	1549	
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 30 19
LONG: 124 44.48

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9920
STATION NAME: S225

UTC DATE y/m/d: 9/08/12
CAST NUMBER: 5

SHIP: 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	14			230	219	✓			✓	✓								
2	15			200		✓												
3	16			175		✓												
4	17			150		✓												
5	18			125		✓												
6	19			100		✓												
7	20			75		✓											.080	
8	21			50		✓											.525	
9	22			30		✓					✓						.605	
10	23			20		✓					✓							
11	24			10		✓					✓						4.862	
12	25	1233		5		✓					✓		✓				5.335	
13	26			0		✓			✓	✓	✓						5.374	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 22.8

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		1843
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 22.2 N
LONG: 124 33.07 W

END POSITION (GPS)
LAT:
LONG:

Comments: * System "balled" check values not zeroed correctly

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 72

UTC DATE y/m/d: 99/08/12
CAST NUMBER: 8

SHIP: 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		pH							
1	27	1241		185		✓		✓	✓										1.651	
2	28	1243		175		✓													1.795	
3	29	1244		150		✓													1.570	
4	30	1247		125		✓													1.664	
5	31	1248		100		✓													1.856	
6	32	1260		75		✓													2.172	
7	33	1251		50		✓													3.103	
8	34	1252		30		✓													3.717	
9	35			20		✓													3.905	
10	36			10		✓														
11	37	1257		5		✓									✓				4.358	
12	38	1288		0		✓		✓	✓										4.553	
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: M. Soley
CHECKED BY:

Bottom Depth: 161

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		2232
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 18.55
LONG: 124 03.66

END POSITION (GPS)
LAT:
LONG:

Comments: # 36 oxygen sample dumped by mistake

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 69

UTC DATE y/m/d: 99/8/13
CAST NUMBER: 11

SHIP: 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		PH					
1	39			175	172	✓	✓	✓	✓								1.796	
2	40			150		✓	✓	✓	✓								1.772	
3	41	333		125		✓											1.751	
4	42	337		100		✓											1.850	
5	43			75		✓											2.513	
6	44			50		✓											2.930	
7	45	425		30		✓			✓								3.723	
8	46			20		✓			✓				too fast				4.304	
9	47			10		✓			✓								4.176	
10	48			5		✓			✓				✓				4.211	
11	49	535		0		✓		✓	✓								4.539	
12																		
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:		0138
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 15.57
LONG: 123 43.33

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID:

9920

UTC DATE y/m/d:

99/08/13

STATION NAME:

65

CAST NUMBER:

19

SHIP:

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		Phy				
1	50	84.		118		✓		✓	✓								2.667	
2	51	255		100		✓											3.031	
3	52			75		✓											3.418	
4	53			50		✓											3.740	
5	54			30		✓											4.000	
6	55			20		✓											4.079	
7	56			10		✓											4.110	
8	57			5		✓							✓				4.259	
9	58	467		0		✓		✓	✓								4.470	
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

M. Soley

CHECKED BY:

Bottom Depth:

125

Cast # down:

Cast # up:

Time LOC UTC

Begin: 07:54

Bottom: 07:58

End: 08:10

START POSITION (GPS)

LAT: 48 15.96

LONG: 123 9.88

BOTTOM POSITION (GPS)

LAT: 48 15.97

LONG: 123 9.89

END POSITION (GPS)

LAT: 48 15.90

LONG: 123 9.89

Comments:

ROSETTE LOG

MISSION ID:

9920

UTC DATE y/m/d:

99/08/13

STATION NAME:

62

CAST NUMBER:

22

SHIP:

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		PH				
1	59			142	✓		✓	✓						low %T	2.734	pour		
2	60	535		125	✓										2.819			
3	61	522		100	✓										3.006			
4	62			75	✓										3.657			
5	63			50	✓										3.815			
6	64			30	✓					✓					4.117			
7	65	632		20	✓					✓					4.169			
8	66			10	✓					✓			Too fast		4.387	OK		
9	67			5	✓					✓			Too fast		4.467	OK		
10	68	657		0	✓		✓	✓	✓						4.280			
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: H. Soley

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom: 1040

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 4822.8T

LONG: 123 02.67

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 59

UTC DATE y/m/d: 99/8/13
CAST NUMBER: 26

SHIP: VECTOR

[illegible]

ENTERED BY:
CHECKED BY:

Bottom Depth: 235-

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		1412
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)	
LAT:	4837.78
LONG:	123 14 48

END POSITION (GPS)
LAT:
LONG:

Comments:

nutrients bottle #7 not sampled.

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 56UTC DATE y/m/d: 99/8/13
CAST NUMBER: 29SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	82			607-5	223	✓			✓									
2	83			200		✓												
3	84			175		✓												
4	85			150		✓												
5	86			125		✓												
6	87			100		✓												
7	88			75		✓												
8	89			50		✓												
9	90			30		✓					✓							
10	91			20		✓					✓							
11	92			10		✓					✓							
12	93			5		✓					✓			✓				
13	94			0		✓			✓	✓	✓							
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

Bottle 6. Cond. shifted highENTERED BY:
CHECKED BY:Bottom Depth: 215Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		<u>1657</u>
Bottom:		<u>1704</u>
End:		

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 48 45.93
LONG: 123 02.39END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID:

9920

UTC DATE y/m/d:

99/08/13

STATION NAME:

46

CAST NUMBER:

35

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		SED				
									OXY		CHL		C13		PH				
1	97	1193		150		✓		✓	✓						low-95T		3338	rear	
2	98	1194		125		✓		✓									3414		
3	99	1195		100		✓		✓									3586		
4	100			75		✓		✓									3669		
5	101			50		✓		✓									3787		
6	102			30		✓		✓									4110		
7	103	1202		20		✓		✓									4239		
8	104	1203		10		✓		✓									4475		
9	105			5		✓		✓							✓		4742		
10	106	1206		0				✓	✓						✓		5.256		
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY: M. Soley

CHECKED BY:

Bottom Depth: 179

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom: 2217

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 51.48

LONG: 123 10.84

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 42

UTC DATE y/m/d: 99/08/14
CAST NUMBER: 40

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												ml/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
1	107			300	316	✓	✓	✓	✓										3258	
2	108			250		✓	✓												3398	
3	109	1212		200		✓	✓												3535	
4	110			175		✓													3542	
5	111			150		✓													3635	
6	112			125		✓													3717	
7	113			100		✓													3932	extra acid
8	114			75		✓													3919	
9	115			50		✓													4065	check
10	116			30		→ mixed				✓										no sample taken
11	117			20		✓				✓									4422	
12	118	1228		10		✓				✓									4873	
13	119	1230		5		✓				✓			✓						5507	
14	120			0		✓			✓	✓									5662	
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		0135
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 01.83
LONG: 123 26.22

END POSITION (GPS)
LAT:
LONG:

Comments: 110 BOTTLE 10. (30 m)

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 39UTC DATE y/m/d: 99/08/14
CAST NUMBER: 43SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	121	1106		B-5	376	✓	✓	✓	✓								3196	
2	122			300		✓	✓										3517	
3	123			250		✓	✓						.566	→			3523	chord
4	124			200		✓											3517	
5	125			175		✓											3551	
6	126	1132		150		✓											3620	
7	127			125		✓											3652	
8	128			100		✓											4204	
9	129			75		✓											3924	
10	130			50		✓											4086	
11	131			30		✓											4097	
12	132	1141		20		✓											4208	
13	133			10		✓											5.426	
14	134			0													6214	now
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 382

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom: 0401

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 09.96LONG: 123 33.04

END POSITION (GPS)

LAT:

LONG:

touch bottom

Comments:

ROSETTE LOG

MISSION ID:

99-20

UTC DATE y/m/d:

99/08/14

STATION NAME:

Home Sound

CAST NUMBER:

46

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	135	84		277		✓	✓	✓	✓								.061	
2	136	255		250		✓	✓	✓	✓								.068	
3	137	333		200		✓	✓	✓	✓								.113	
4	138			175		✓		✓	✓								.146	
5	139	364		150		✓		✓	✓								.362	
6	140			125		✓		✓	✓								.854	
7	141	425		100		✓		✓	✓								2.181	
8	142			75		✓		✓	✓								3.741	
9	143			50		✓		✓	✓								4.287	
10	144			30		✓		✓	✓								4.376	
11	145			20		✓		✓	✓								4.450	
12	146			10		✓		✓	✓								4.689	
13	147	534		5		✓		✓	✓								6.205	
14	148			0		✓		✓	✓								Low %T 7.697	par
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: M. SOLEY

CHECKED BY:

Bottom Depth: 285

Cast # down:

Cast # up:

Time LOC UTC

Begin: 08:07

Bottom: 08:12

End: 08:32

START POSITION (GPS)

LAT: 49 35.53

LONG: 123 14.63

BOTTOM POSITION (GPS)

LAT: 49 35.49

LONG: 123 14.66

END POSITION (GPS)

LAT: 49 35.44

LONG: 123 14.50

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 27

UTC DATE y/m/d: 99/08/14
CAST NUMBER: 48

SHIP: 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		PH				
1	149	1193		bot-5	340	✓		✓	✓								3327	
2	150			300		✓											3381	
3	151			250		✓											3513	
4	152	1158		200		✓											3428	
5	153	1168		175		✓											3527	
6	154			150		✓											3611	
7	155			125		✓											3812	
8	156	1175		100		✓											3976	
9	157			75		✓											4138	
10	158	1177		50		✓											4032	
11	159	1180		30		✓											4123	
12	160			20		✓											4160	
13	161	1189		10		✓											4712	
14	162			5		✓								✓			4966	
15	163			0		✓											6622	
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 346

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		1205
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 19.19
LONG: 123 48.15

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID:

9920

UTC DATE y/m/d:

99/8/14

STATION NAME:

2

CAST NUMBER:

51

SHIP:

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	164			bot-5	274	✓	✓	✓	✓									
2	165			250		✓	✓											
3	166			200		✓	✓											
4	167			175		✓												
5	168			150		✓												
6	169			125		✓												
7	170			100		✓												
8	171			75		✓												
9	172			50		✓												
10	173			30		✓				✓								
11	174			20		✓				✓								
12	175			10		✓				✓								
13	176			5		✓				✓				✓				
14	177			0		✓			✓	✓	✓							
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

284

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1519

Bottom: 1526

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49°24.16'N

LONG: 124°09.39'W

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 3

UTC DATE y/m/d: 99/8/14
CAST NUMBER: 56

SHIP: 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		PH					
1	178			Bot-5	317	✓		✓	✓									
2	179			300		✓												
3	180			250		✓												
4	181			200		✓												
5	182			175		✓												
* 6	183			150		✓												check
7	184			125		✓												
8	185			100		✓												
9	186			75		✓												
10	187			50		✓												
11	188			30		✓												
12	189			20		✓												
13	190			10		✓												
14	191			5		✓							✓					
15	192			0		✓		✓	✓									
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 324

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		1826
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49°26.60'N
LONG: 124°20.16'W

END POSITION (GPS)
LAT:
LONG:

Comments: * Computer hung
* Had a problem with the titration and 0.607 to the amount of Na thiosulphate added

ROSETTE LOG

MISSION ID:

9920

UTC DATE y/m/d:

99/08/14

STATION NAME:

6

CAST NUMBER:

62

SHIP: 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		pH				
1	193			175	✓		✓	✓	✓								3.234	
2	194			150	✓			✓	✓								3390	
3	195	333		125	✓			✓	✓								3548	
4	196			100	✓			✓	✓								3836	
5	197	364		75	✓			✓	✓								3796	
6	198			50	✓			✓	✓								3774	
7	199	425		30	✓			✓	✓	✓							4132	
8	200			20	✓			✓	✓	✓							4276	
9	201			10	✓			✓	✓	✓							4647	
10	202			5	✓			✓	✓	✓			✓				6003	
11	203	535		0	✓			✓	✓	✓							7215	
12																		
13																		
14																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

192

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

2147

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 30.74

LONG: 124 27.98

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 9UTC DATE y/m/d: 99/08/15
CAST NUMBER: 65SHIP: 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		PHY				
1	204			bot-5	159	✓		Y	Y								2979	
2	205			150		✓											3219	
3	206	578		125		✓											3843	
4	207			100		✓											3859	
5	208	632		75		✓											3919	
6	209			50		✓											3934	
7	210			30		✓											4150	
8	211			20		✓											4329	
9	212	695		10		✓											4837	
10	213	697		5		✓		✓	✓				✓				6028	
11																		
12																		
13																		
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21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:Bottom Depth: 167Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0021
Bottom:		
End:		

START POSITION (GPS)
LAT: 493552
LONG: 1242833BOTTOM POSITION (GPS)
LAT:
LONG:END POSITION (GPS)
LAT:
LONG:

Comments:

no surface sample

ROSETTE LOG

MISSION ID:

9920

UTC DATE y/m/d:

1999/8/15

STATION NAME:

12

CAST NUMBER:

68

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	214			bot-5	338	✓	✓	✓	✓								3302	
2	215			300		✓	✓										3331	
3	216			250		✓	✓										3404	
4	217			200		✓											3474	
5	218			175		✓							638 →				3540	check
6	219			150		✓											3713	
7	220			125		✓											3824	
8	221			100		✓							stalled				3914	
9	222			75		✓											3922	
10	223			50		✓											3978	
11	224	1209		30		✓				✓							4065	
12	225			20		✓				✓							4043	
13	226			10		✓				✓							4961	
14	227			5		✓				✓			✓				6669	
15	228			0		✓			✓	✓	✓						6916	
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 357

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom: 0227

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 43.61

LONG: 124 40.74

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 9920
STATION NAME: 14

UTC DATE y/m/d: 1999/8/15
CAST NUMBER: 70

SHIP: 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		PN						
1	229			Bot-5		✓	✓	✓	✓									3415		
2	230			300		✓	✓						.601	→				3199	check	
3	231			250		✓	✓											3373		
4	232			200		✓												3493		
5	233			175		✓												3540		
6	234			150		✓												3766		
7	235			125		✓												3801		
8	236			100		✓												3831		
9	237			75		✓												3796		
10	238			50		✓												3918		
11	239	1234		30		✓												4078		
12	240			20		✓												4202		
13	241	1237		10		✓												5693		
14	242	1238		5		✓								✓				6799		
15	243			0			✓	✓					1245	→					check	
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: BM
CHECKED BY:

Bottom Depth: 319

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:	0445	
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 53.02
LONG: 124 59.53

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID:

9920

UTC DATE y/m/d:

99/08/15

STATION NAME:

16

CAST NUMBER:

72

SHIP:

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		PH				
1	244	84		BOT-5		✓		✓	✓								3386	
2	245			125		✓											3601	
3	246			100		✓											3650	
4	247	337		75		✓											3684	
5	248			50		✓											3750	
6	249			30		✓				✓							3707	
7	250			20		✓				✓				OK →			4267	check
8	251			10		✓				✓							4684	
9	252			5		✓				✓				✓			4790	
10	253			0		✓		✓	✓	✓							5639	
11																		
12																		
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23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 158

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0636

Bottom: 0640

End:

START POSITION (GPS)

LAT: 49 57.75

LONG: 125 08.80

BOTTOM POSITION (GPS)

LAT: 49 57.75

LONG: 125 08.79

END POSITION (GPS)

LAT: 49 57.75

LONG: 125 08.71

Comments: