

ROSETTE LOG

MISSION ID: 9803
STATION NAME: S103

UTC DATE y/m/d: 98/02/18
CAST NUMBER: 1

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												O ₂
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO						
								OXY		CHL		C13							
1	1	1196		8-5	216.1	✓	✓	✓	✓										0.0
2	2	1197		200	199.8	✓		✓											0.0
3	3	1198		175	175.1	✓		✓											0.0
4	4	1201		150	149.2	✓		✓											0.0
5	5	1202		125	124.7	✓		✓											.083
6	6	1203		100	99.3	✓		✓											.141
7	7	1204		75	75.3	✓		✓											5.104
8	8	1206		50	50.8	✓													5525
9	9	1208		30	30.6	✓													4.947
10	10	1209		20	21.1	✓													4.951
11	11	1210		10	11.0	✓													5.382
12	12	1211		0	.8	✓	✓	✓	✓										5.800
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

ENTERED BY: F.W.
CHECKED BY:

Bottom Depth: 229

Cast # down: 1
Cast # up: 1

Time	LOC	UTC
Begin:		170214
Bottom:		1725
End:		1740

START POSITION (GPS)
LAT: 48°35' 57"
LONG: 123°29' 94"

BOTTOM POSITION (GPS)
LAT: 48°35' 57"
LONG: 123°28' 84"

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 9803
STATION NAME: P4

UTC DATE y/m/d: 98/02/20
CAST NUMBER: 4

SHIP:

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		DMS	P6C					
1	13			400	395.4	✓	✓	✓	✓				✓						2.185	
2	14			300	299.5	✓														
3	15			250	254.0	✓													3.280	
4	16			200	198.8	✓													5.086	
5	17			175	176.2	✓													5.763	
6	18			150	154.1	✓													6.078	
7	19			125	127.6	✓									✓				6.091	
8	20			100	102.8	✓				✓									6.102	
9	21			80	81.2	✓													6.204	
10	22			60	60.7	✓													6.073	
11	23			50	45.1	✓													6.068	
12	24			40	37.1	✓													6.065	
13	25			30	31.6	✓													6.106	
14	26			20	21.1	✓													6.099	
15	27			10	10.6	✓													6.102	
16	28			5	5.3	✓													6.102	
17	29			0	2.0	✓													6.109	
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: JWO,
CHECKED BY:

Bottom Depth: 1335

Cast # down: 4

Cast # up: 4

Time	LOC	UTC
Begin:		00:29:32
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 38 97
LONG: 126 39 95

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: Bottle 2 did not close.

ROSETTE LOG

MISSION ID: 9803
STATION NAME: P16

UTC DATE y/m/d: 98/02/23
CAST NUMBER: 16

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												O ₂ ml/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO						
								OXY		CHL		C13		DMS	DOC	DON	POC		
1	30	1196		400	400.7	✓	✓	✓	✓					✓	✓	✓			
2	31	1197		300	301.3	✓									✓	✓			2.072
3	32	1198		250	251.0	✓													2.528
4	33	1201		200	200.9	✓									✓	✓			3.172
5	34	1202		175	175.4	✓													3.470
6	35	1203		150	151.3	✓									✓	✓			3.852
7	36	1204		125	125.0	✓											✓		4.207
8	37	1206		100	98.9	✓			✓						✓	✓			4.755
9	38	1208		80	81.1	✓													6.447
10	39	1209		60	61.1	✓									✓	✓			6.620
11	40	1210		50	49.0	✓											—		6.610
12	41	1211		40	40.2	✓									✓	✓			6.632
13	42	1213		30	30.6	✓											—		6.626
14	43	1215		20	21.3	✓									✓	✓			6.643
15	44	1216		10	9.4	✓									✓	✓			6.624
16	45	1217		5	4.7	✓	NISKIN CRACKED, NO SAMPLES TAKEN												
17	46	1218		0	2.4	✓	✓	✓	✓	✓				✓	✓	✓	✓		6.636
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments: flask 1200 cracked at neck

ENTERED BY:
CHECKED BY: RM

Bottom Depth: 3675

Cast # down: 16
Cast # up: 16

Time	LOC	UTC
Begin:		1736
Bottom:		1746:08
End:		1810

START POSITION (GPS)
LAT: 49 17.03
LONG: 134 40.01

BOTTOM POSITION (GPS)
LAT: 49 17.02
LONG: 134 39.96

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 9803
STATION NAME: P20

UTC DATE y/m/d: 98/2/24
CAST NUMBER: 20

SHIP: TULLY

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		DM5	DOC	DON	POC			
1	47	1196		400		✓	✓	✓	x	✓					✓	✓	✓			1.431
2	48	1197		300		✓	✓	✓	✓						✓	✓	✓			1.999
3	49	1198		250		✓	✓	✓	✓											2.438
4	50	1201		200		✓	✓	✓	✓						✓	✓				3.027
5	51	1202		175		✓	✓	✓	x											3.387
6	52	1203		150		✓	✓	✓	✓						✓	✓				3.801
7	53	1204		125		✓	✓	✓	x									✓		4.240
8	54	1206		100		✓	✓	✓	✓	✓					✓	✓	✓			4.728
9	55	1206		80		✓	✓	✓	✓	✓								✓		6.581
10	56	1209		60		✓	✓	✓	✓	✓					✓	✓	✓			6.702
11	57	1210		50		✓	✓	✓	✓	✓										6.705
12	58	1211		40		✓	✓	✓	✓	✓					✓	✓	✓			6.704
13	59	1215		30		✓	✓	✓	✓	✓										6.720
14	60	1216		20		✓	✓	✓	✓	✓					✓	✓	✓			6.697
15	61	1217		10		✓	✓	✓	✓	✓					✓	✓	✓			6.712
16	62	1218		5			✓	✓	✓	✓								✓		6.729
17	63	1219		0			✓	✓	✓	✓					✓	✓	✓			6.717
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 4003.

Cast # down: 20
Cast # up: 20

Time	LOC	UTC
Begin:		2048
Bottom:		2059
End:		2115

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 33.96
LONG: 138 39.94

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 9803
STATION NAME: P26

UTC DATE y/m/d: 98/02/27
CAST NUMBER: 30

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												O ₂ ml/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		DON				
								OXY		CHL		C13		180	DOC				
1	64			B-10	4293.4	✓	✓	✓	✓	✓	✓	2	✓	✓					3.209
2	65			4000		✓						2		1	✓				3.116
3	66			3500		✓						2		1					2.921
4	67			3000		✓									✓				2.525
5	68			2750		✓													2.270
6	69			2500		✓													1.956
7	70			2250		✓													1.582
8	71			2000		✓									✓				1.285
9	72			1750		✓													.927
10	73			1500		✓									✓				.579
11	74			1250		✓													.404
12	75			1000		✓									✓				.399
13	76			800		✓													.473
14	77			600		✓									✓				.662
15	78			400		✓									✓				1.158
16	79			300		✓									✓				1.570
17	80			200		✓									✓				2.439
18	81			150		✓									✓				3.272
19	82			100		✓									✓				4.295
20	83			75		✓									✓				6.881
21	84			50		✓									✓				
22	85			25		✓									✓				6.907
23	86			10								2	✓		✓				6.910
24	87			0								2	✓		✓				6.921

ENTERED BY:
CHECKED BY:

Bottom Depth: 4268

Cast # down: 30
Cast # up: 30

Time	LOC	UTC
Begin:		0534
Bottom:		0648
End:		0815

START POSITION (GPS)
LAT: 50°00'06"
LONG: 145°00'01"

BOTTOM POSITION (GPS)
LAT: 50°00'18"
LONG: 144°59'92"

END POSITION (GPS)
LAT:
LONG:

Comments:

Bottle 21 did not close.

2

4 DON

2 DOC

* magnet added before seal, removed

ROSETTE LOG

MISSION ID: 9803
STATION NAME: P26 POC
UTC DATE y/m/d: 98/02/28
CAST NUMBER: 36

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL	NOT	ALK	TCO								
1				1500		✓												
2				1200		✓												
3				1000		✓												
4				800		✓												
5				600		✓												
6				400		✓												
7				300		✓												
8				200		✓												
9				100		✓												
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 425A

Cast # down: 36
Cast # up: 36

Time	LOC	UTC
Begin:		0344
Bottom:		0409
End:		0436

START POSITION (GPS)
LAT: 50 00.04
LONG: 144 59.83

BOTTOM POSITION (GPS)
LAT: 50 00.03
LONG: 144 59.79

END POSITION (GPS)
LAT: 50 00.01
LONG: 144 59.84

Comments:

ROSETTE LOG

MISSION ID: 9803
STATION NAME: PAPA

UTC DATE y/m/d: 98/2/28
CAST NUMBER: 37

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												O ₂ ml/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO						
								OXY		CHL		C13		DMS	Pa				
1	88			400		✓	✓	✓	✓					✓					1.087
2	89			300		✓	✓	✓	✓					✓					1.485
3	90			250		✓	✓	✓	✓					✓					1.800
4	91			200		✓	✓	✓	✓					✓					2.204
5	92			175		✓	✓	✓	✓					✓					2.635
6	93			150		✓	✓	✓	✓					✓					3.213
7	94			125		✓	✓	✓	✓					✓	✓				3.950
8	95			100		✓	✓	✓	✓	✓				✓	✓				4.537
9	96			80		✓	✓	✓	✓	✓				✓	✓				6.901
10	97			60		✓	✓	✓	✓	✓				✓	✓				6.943
11	98			50		✓	✓	✓	✓	✓				✓					6.936
12	99			40		✓	✓	✓	✓	✓				✓	✓				6.921
13	100			30		✓	✓	✓	✓	✓				✓	✓				6.936
14	101			20		✓	✓	✓	✓	✓				✓	✓				6.933
15	102			10		✓	✓	✓	✓	✓				✓	✓				6.917
16	103			5		✓	✓	✓	✓	✓				✓	✓				6.928
17	104			0		✓	✓	✓	✓	✓				✓	✓				6.966
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 4285

Cast # down: 37
Cast # up: 37

Time	LOC	UTC
Begin:		1729
Bottom:		1738:01
End:		1759

START POSITION (GPS)
LAT: 49 59.93
LONG: 144 59.99

BOTTOM POSITION (GPS)
LAT: 49 59 95
LONG: 145 00.12

END POSITION (GPS)
LAT: 49 59 93
LONG: 145 00 28

ROSETTE LOG

MISSION ID: 9803
STATION NAME: MP12

UTC DATE y/m/d: 98/03/
CAST NUMBER: 41

SHIP: Tully

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		DMS	DOC	DOM	POC			
1	105	1234		400		✓	✓	✓						✓	✓	✓				
2	106	1235		300		✓								✓	✓					
3	107	1237		250		✓									✓	✓				
4	108	1238		200		✓									✓	✓				
5	109	1240		175		✓														
6	110	1241		150		✓									✓	✓				
7	111	1243		125		✓											✓			
8	112	1244		100		✓			✓						✓	✓	✓			
9	113	1246		80		✓											✓			
10	114	1247		60		✓									✓	✓	✓			
11	115	1248		50		✓														
12	116	1249		40		✓									✓	✓	✓			
13	117	1251		30		✓											✓			
14	118	1252		20		✓									✓	✓	✓			
15	119	1253		10		✓									✓	✓	✓			
16	120	1254		5		✓											✓			
17	121	1255		0		✓			✓	✓	✓	✓		✓	✓	✓	✓			
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Comments:

ENTERED BY: J.W.
CHECKED BY:

Bottom Depth: 3045

Cast # down: 40

Cast # up: 11

Time	LOC	UTC
Begin:		1613
Bottom:		1619
End:		1642

START POSITION (GPS)
LAT: 48° 58' 16"
LONG: 130° 40' 06"

BOTTOM POSITION (GPS)
LAT: 48° 58' 16"
LONG: 130° 40' 14"

END POSITION (GPS)
LAT: 48° 58' 19"
LONG: 130° 40' 11"