

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P4UTC DATE y/m/d: 2000/03/16
CAST NUMBER: 1.SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	1			80		✓												
2	2			80		✓										2	500	97
3	3			65		✓										20	1100	55
4	4			65		✓										30	660	33
5	5			50		✓										50	200	10
6	6			50		✓										65	60	3
7	7			30		✓										80	20	1
8	8			30		✓												
9	9			20		✓												
10	10			20		✓												
11	11			2		✓												
12	12			2		✓												
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: CHECKED BY: Bottom Depth: 1314.Cast # down: Cast # up:

Time LOC UTC

Begin: 1455Bottom: 1527End: 1539

START POSITION (GPS)

LAT: 4838.93LONG: 12640.12

BOTTOM POSITION (GPS)

LAT: 4839.17LONG: 12640.26

END POSITION (GPS)

LAT: LONG: PAR 1000.Comments:

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P4

UTC DATE y/m/d: 2000/03/16
CAST NUMBER: 3

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
1	13			80		✓	✓													
2	14			80		✓				✓										
3	15			60		✓				✓										
4	16			40		✓				✓										
5	17			30		✓				✓										
6	18			20		✓				✓										
7	19			15		✓				✓										
8	20			10		✓				✓										
9	21			5		✓	✓			✓										
10	22			0		✓				✓										
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 003
Cast # up: 003

Time	LOC	UTC
Begin:		1835
Bottom:		1840
End:		1849

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:
55 ° =
3 ° =

Comments:

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P4

UTC DATE y/m/d: 2000/03/16
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					
1	23			300		✓	✓											
2	24			80		✓				✓								
3	25			65		✓				✓								
4	26			60		✓				✓								
5	27			40		✓				✓								
6	28			30		✓				✓								
7	29			20		✓				✓								
8	30			15		✓				✓								
9	31			10		✓		✓		✓								
10	32			5		✓				✓								
11	33			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:		2204
Bottom:		2211
End:		2226

START POSITION (GPS)
LAT: 48 37.12
LONG: 126 40 53

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:
65
20
1000

Comments:

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P4UTC DATE y/m/d: 2000/03/17
CAST NUMBER: 5

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	34			300		✓	✓											
2	35			80		✓	✓			✓								
3	36			60		✓				✓								
4	37			40		✓				✓								
5	38			30		✓				✓								
6	39			20		✓				✓								
7	40			15		✓				✓								
8	41			10		✓	✓			✓								
9	42			5		✓				✓								
10	43			0						✓								
11	44																	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0204
Bottom:		0211
End:		0228

START POSITION (GPS)		
LAT:	48	38.92
LONG:	126	40.05

BOTTOM POSITION (GPS)		
LAT:		
LONG:		

END POSITION (GPS)		
LAT:		
LONG:		

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P4

UTC DATE y/m/d: 2000/03/17
CAST NUMBER: 12

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		PIG	Phy	tk				
1	44			300		✓	✓													
2	45			80		✓	✓								✓	✓			97	
3	46			80		✓	✓								✓	✓			55	
4	47			65		✓	✓												33	
5	48			65		✓									✓	✓			10	
6	49			45		✓													3	
7	50			45		✓									✓	✓			1	
8	51			25		✓														
9	52			25		✓									✓	✓				
10	53			15		✓														
11	54			15		✓	✓								✓	✓				
12	55			2		✓														
13	56			2		✓									✓	✓				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 1322

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1434
Bottom:		1441
End:		

START POSITION (GPS)
LAT: 4838.77
LONG: 12639.99

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P4UTC DATE y/m/d: 2000/03/17
CAST NUMBER: 13

SHIP:

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

ROSETTE OPERATION		(4) (2) Samples taken													
Trip	Confirmed	SAL		NUT		ALK		TCO							
pressure	Salinity		OXY		CHL		C13								
1	57			B-10	✓	✓	✓								
2	58			1250	✓		✓								
3	59			1000	✓										
4	60			800	✓										
5	61			600	✓										
6	62			400	✓										
7	63			300	✓										
8	64			250	✓										
9	65			200	✓										
10	66			150	✓										
11	67			150	✓										
12	68			100	✓										
13	69			80	✓										
14	70			60	✓										
15	71			40	✓										
16	72			30	✓										
17	73			20	✓										
18	74			15 *	✓										
19	75			10 *	✓										
20	76			5 *	✓	✓	✓	✓							
21	77			2	✓	✓	✓	✓							
22															
23															
24															

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		1817
Bottom:		1847
End:		1922

START POSITION (GPS)	
LAT:	48 38.97
LONG:	126 40.75

BOTTOM POSITION (GPS)	
LAT:	48 39.02
LONG:	126 47.55

END POSITION (GPS)	
LAT:	48 39.05
LONG:	126 42.09

Comments:

Rosette not stopped for depths 15, 10 and 5. Bottom triggered while coming up weather too rough

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P4

UTC DATE y/m/d: 2000/03/17
CAST NUMBER: 14

SHIP: _____

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	78			300		✓	✓											
2	79			80		✓				✓								
3	80			60		✓												
4	81			40		✓												
5	82			30		✓												
6	83			20		✓												
7	84			15		✓												
8	85			10		✓	✓											
9	86			5		✓												
10	87			2		✓				✓								
11																		
12																		
13																		
14																		
15																		
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17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: _____
CHECKED BY: _____

Bottom Depth: _____

Cast # down: _____

Cast # up: _____

Time	LOC	UTC
Begin:		2207
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 38.98
LONG: 126 39.98

BOTTOM POSITION (GPS)
LAT: _____
LONG: _____

END POSITION (GPS)
LAT: _____
LONG: _____

surface temp 8.75

Comments: _____

ROSETTE LOG

MISSION ID: 2000
STATION NAME: P4

UTC DATE y/m/d: 2000/03/18
CAST NUMBER: 16

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						
1	88			80		✓												
2	89			60		✓												
3	90			40		✓												
4	91			30		✓												
5	92			20		✓												
6	93			15		✓												
7	94			10		✓												
8	95			5		✓												
9	96			0														
10																		
11																		
12																		
13																		
14																		
15																		
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18																		
19																		
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21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 1330

Cast # down: 16
Cast # up: 16

Time	LOC	UTC
Begin:		0207
Bottom:		0220
End:		

START POSITION (GPS)
LAT: 48 38.49
LONG: 126 40.49

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P4

UTC DATE y/m/d: 2000/03/18
CAST NUMBER: 18

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		P	g	Ph		
1	97			300		✓	✓			✓								
2	98			80		✓			✓					✓	✓			1
3	99			80		✓												3
4	100			60		✓												10
5	101			60		✓												33
6	102	902		40		✓												55
7	103	903		40		✓												97
8	104	904		20		✓												
9	105	905		20		✓												
10	106	102		45		✓			✓	✓				✓	✓			
11	107	103		45		✓												
12	108	104		25		✓												
13	109	105		25		✓												
14	110	106		15		✓												
15	111	107		15		✓												
16	112	108		2		✓												
17	113	109		2		✓												
18																		
19									✓	✓								
20														✓	✓			
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1438
Bottom:		1445
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2000-03
STATION NAME: P-4

UTC DATE y/m/d: 2000/03/18
CAST NUMBER: 19.

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	110			300		✓	✓											
2	111			80		✓				✓	✓							
3	112			60		✓				✓	✓							
4	113			40		✓				✓	✓							
5	114			30		✓				✓	✓							
6	115			20		✓				✓	✓							
7	116			15		✓				✓	✓							
8	117			10		✓	✓			✓	✓							
9	118			5		✓				✓	✓							
10	119			2		✓												
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 1338

Cast # down: 19
Cast # up: 19

Time	LOC	UTC
Begin:		
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: