

ROSETTE LOG

MISSION ID: 2004-30

STATION: PE1

CAST NUMBER: 001

UTC DATE (dd/mm/yyyy): 20/10/2004

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL							
1	1			8-5	25	✓	✓											4.074 ml/l	
2	2			20	20		✓											3.483 ml/l	
3	3			15	15		✓											3.779 ml/l	
4	4			10	10		✓											4.028 ml/l	
5	5			5	5		✓											N/A	
6	6			0	0	✓	✓											5.921 ml/l	
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SHIP:
ENTERED BY: CW/DT
CHECKED BY:

Bottom Depth: 28m

Cast # down: 01
Cast # up: 01

Time	LOC	UTC
Begin:		02:00
Bottom:		02:52
End:		02:53

START POSITION (GPS)
LAT: 50 40 09
LONG: 126 29 865

BOTTOM POSITION (GPS)
LAT: 50 40 091
LONG: 126 29 865

END POSITION (GPS)
LAT: 50 40 088
LONG: 126 29 848

ROSETTE LOG

MISSION ID: 2004-30 STATION: PE 2 CAST NUMBER: 002 UTC DATE (dd/mm/yyyy): 20/10/2004

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken											
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL					
1	7			B-5	✓ 40.0	✓	✓										
2	8			30			✓										
3	9			20		✓	✓										
4	10			15			✓										
5	11			10			✓										
6	12			5			✓										
7	13			0			✓										
8																	
9																	
10																	
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19																	
20																	
21																	
22																	
23																	
24																	

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 46

Cast # down: 002
Cast # up: 002

Time	LOC	UTC
Begin:		
Bottom:		
End:		

START POSITION (GPS)
LAT: 50
LONG: 126

BOTTOM POSITION (GPS)
LAT: 50
LONG: 126

END POSITION (GPS)
LAT: 50
LONG: 126

Comments: 02 up - e upcast after first bottle fire it stopped talking - reconnected to seabed sensor system - pulled end/kas outboard - recast 002 for 2nd cast

ROSETTE LOG

MISSION ID: 2004-30 STATION: PE1 CAST NUMBER: 001 UTC DATE (dd/mm/yyyy): 20/10/2004

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3						
							OXY			ALK		CHL						
1	1			8-5	✓ 25	✓	✓											4.074 ml/l
2	2			20	✓ 20		✓											3.483 ml/l
3	3			15	✓ 15		✓											3.779 ml/l
4	4			10	✓ 10		✓											4.028 ml/l
5	5			5	✓ 5		✓											NTG
6	6			0	✓ 0	✓	✓											5.921 ml/l
7																		
8																		
9																		
10																		
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19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY: CW/DT
CHECKED BY:

Bottom Depth: 28m

Cast # down: 01
Cast # up: 01

Time	LOC	UTC
Begin:		0250
Bottom:		0252
End:		0257

START POSITION (GPS)
LAT: 50 40 09
LONG: 126 29 865

BOTTOM POSITION (GPS)
LAT: 50 40 091
LONG: 126 29 865

END POSITION (GPS)
LAT: 50 40 085
LONG: 126 29 878

ROSETTE LOG

MISSION ID: 2004-30 STATION: PE 2 CAST NUMBER: 002 UTC DATE (dd/mm/yyyy): 20/10/2004

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL						
1	7			B-5	✓ 40.0	✓	✓											
2	8			30			✓											
3	9			20		✓	✓											
4	10			15			✓											
5	11			10			✓											
6	12			5			✓											
7	13			0			✓											
8																		
9																		
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21																		
22																		
23																		
24																		

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 46

Cast # down: 002
Cast # up: 002

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT: 50
LONG: 126

BOTTOM POSITION (GPS)
LAT: 50
LONG: 126

END POSITION (GPS)
LAT: 50
LONG: 126

Comments: 02 up - e upcast after first bottle fire it stopped talking - needed to reboot vent wire system - pulled CTD/KAS onboard - rec'd cast keep event 002 for Rock cast