

ROSETTE LOG

MISSION ID: 2001-29 STATION: SI03 CAST NUMBER: 1 UTC DATE (dd/mm/yyyy): 22/08/01

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY		CHL		ALK		CHL					
1	1	84	0.00	217	✓	217.067	✓	✓	✓✓									
2	2	255	0.00	200	✓													
3	3	364	0.096	175	✓	.080												
4	4	392	0.520	150	✓													
5	5	443	1.355	125	✓													
6	6	486	0.826*	100	✓					✓							.160	
7	7	534	1.507*	75	✓					✓							.259	
8	8	535	2.964	50	✓					✓								
9	9	572	3.526	25	✓					✓								
10	10	588	4.109	10	✓					✓								
11	11	632	5.232	0			✓	✓	✓✓	✓								
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: * BIG AIR BUBBLE ON LENS

SHIP: JOHN P TULLY

ENTERED BY:

CHECKED BY:

Bottom Depth: 223

Cast # down: 1

Cast # up: 1

Time

LOC

UTC

Begin:

Bottom:

End: 1250

START POSITION (GPS)

LAT: 48 35 92

LONG: 123 30 04

BOTTOM POSITION (GPS)

LAT: 48 35 93

LONG: 123 30 02

END POSITION (GPS)

LAT: 48 36 00

LONG: 123 29 97

.004 .713

.01013364

10.02

ROSETTE LOG

MISSION ID: 2001-29

STATION: P4

CAST NUMBER: 8(7)

UTC DATE (dd/mm/yyyy): 23/08/01

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION			Samples taken												
				Sample Depth	Confirmed	pressure	SAL		NUT		TCO		CI3		CO2				
1	15	84	0.623	Bot-20	✓	1300	✓	✓	✓		✓								
2	16	255	0.545	1250	✓	1250.3	✓												
3	17	364	0.322	1000	✓	1000.7	✓												
4	18	392	0.321	1000	✓	1000.3	✓												
5	19	443	0.330	800	✓	800	✓												
6	20	486	0.561	600	✓	600													
7	21	534	1.397	400	✓	400													
8	22	535	2.003	300	✓	300													
9	23	572	2.583	200	✓	200													
10	24	588	—	150	✓	150													-not tripped
11	25	632	5.891	100	✓	100								✓					
12	26	650	6.641	75	✓	75								✓					
13	27	657	6.721	50	✓	50								✓					
14	28	695	6.420	25	✓	25								✓					
15	29	697	6.278	10	✓	10	✓							✓	✓				
16	30	707	—	0	✓	1.4		✓	✓		✓			✓					-not tripped
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments: TCO2 Samples left out for < 10 hours.

SHIP: JOHN P TULLY

ENTERED BY: MR

CHECKED BY: S. T.

Bottom Depth: 1324

Cast # down: 8 (7)

Cast # up: 8 (7)

TimeLOCUTC

Begin:0649

Bottom:0712

End:0756

START POSITION (GPS)

LAT: 48° 38.92

LONG: 126° 40.03

BOTTOM POSITION (GPS)

LAT: 48° 38.91

LONG: 126° 39.97

END POSITION (GPS)

LAT: 48° 38.85

LONG: 126° 39.97

ROSETTE LOG

MISSION ID: 2129 STATION: P4 CAST NUMBER: 13 UTC DATE (dd/mm/yyyy): 23/08/2001

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	31			200	✓ 196.3	✓		✓										
2	32			65	✓ 65.4	✓		✓										
3	33			19	✓ 14.7	✓		✓										
4	34			19	✓ 14.9	✓		✓										
5	35			19	✓ 15.5	✓		✓										
6	36			15	✓ 3.8	✓		✓										
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 1316

Cast # down: 13
Cast # up: 13

Time	LOC	UTC
Begin:		1449
Bottom:		1455
End:		1507

START POSITION (GPS)
LAT: 48° 38.96
LONG: 126° 40.10

BOTTOM POSITION (GPS)
LAT: 48° 38.92
LONG: 126° 40.07

END POSITION (GPS)
LAT: 48° 38.90
LONG: 126° 39.75

ROSETTE LOG

MISSION ID: 2001-29 STATION: P12 CAST NUMBER: 22 UTC DATE (dd/mm/yyyy): 24/08/2001

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	44			400	✓	400	✓											
2	45			300	✓													
3	46			250	✓													
4	47			200	✓													
5	48			175	✓													
6	49			150	✓													
7	50			125	✓													
8	51			100	✓							✓						
9	52			80	✓													
10	53			60	✓													
11	54			50	✓													
12	55			40	✓													
13	56			30	✓													
14	57			20	✓													
15	58			15	✓													
16	59			10	✓	10.7												32.30/2
17	60			5	✓	4.7	✓											32.30/1
18	61			0								✓						sample not taken ST.
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TOLLY

ENTERED BY: T.S.

CHECKED BY:

Bottom Depth: 3300

Cast # down: 22

Cast # up: 22

Time ~~Loc~~ UTC

Begin: 2220

Bottom: 2232

End: 2301

START POSITION (GPS)

LAT: 48° 58.15

LONG: 130° 39.96

BOTTOM POSITION (GPS)

LAT: 48° 58.15

LONG: 130° 40.03

END POSITION (GPS)

LAT: 48° 58.18

LONG: 130° 40.03

ROSETTE LOG

MISSION ID: 2001-29 STATION: P12 CAST NUMBER: 23 UTC DATE (dd/mm/yyyy): 25/00/01

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL	X	NUT		TCO	X	C13	100m			
						X	OXY	X		X	ALK		CHL			
1	62	84	2.654	hot	✓	3150	✓	✓		✓	✓					
2	63	255	2.422	3000	✓											
3	64	364	2.280	2750	✓											
4	65	392	1.995	2500	✓											
5	66	443	1.738	2250	✓											
6	67	486	1.423	2000	✓											
7	68	534	1.402*	2000	✓											.241
8	69	535	1.020	1750	✓											
9	70	572	0.698	1500	✓											
10	71	588	---	1250	✓											Did not trip.
11	72	632	0.331	1000	✓											
12	73	650	0.368	800	✓											
13	74	657	0.740	600	✓											
14	75	695	1.863	400	✓											
15	76	697	2.576	300	✓											
16	77	707	3.450**	200	✓											.581
17	78	708	4.721	150	✓											
18	79	709	6.643	100	✓								X			
19	80	712	7.037	85	✓								X			
20	81	715	7.279	50	✓								X			
21	82	727	6.361	25	✓								X			
22	83	730	6.260	10	✓								X			
23	84	1105	6.216	0			✓	✓	✓	✓	✓		X			
24																

Comments: * LUMPY - 2 SLITS OF 11,50g
** BUBBLE ON LENS

SHIP:
ENTERED BY: R.P.
CHECKED BY: H.M.

Bottom Depth: 2964

Cast # down: 23
Cast # up: 23

Time	LOC	UTC
Begin:		0204
Bottom:		0304
End:		0417

START POSITION (GPS)
LAT: 48 58 08
LONG: 130 40 27

BOTTOM POSITION (GPS)
LAT: 48 58.02
LONG: 130 40.07

END POSITION (GPS)
LAT: 48 58.14
LONG: 130 40.12

ROSETTE LOG

MISSION ID: 2001-29 STATION: P16 CAST NUMBER: 38 UTC DATE (dd/mm/yyyy): 30/09/01

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY				ALK		CHL					
1	85R	84	3.400	Bot-20	✓	3677	✓	✓	✓	✓								.588 3.303
2	86R	255	2.900	3500	✓													
3	87R	364	2.570	3000	✓													
4	88	392	2.256	2750	✓													
5	89	443	1.992	2500	✓													
6	90	1135	1.739	2250	✓													
7	91	534	1.446	2000	✓													
8	92	535	1.404	2000	✓													
9	93	572	1.025	1750	✓													
10	94	588		1500	✓													Did not trip
11	95	632	0.405	1250	✓													
12	96	650	0.345	1000	✓													
13	97	657	0.431	800	✓													
14	98	695	0.662	600	✓													
15	99	697	1.454	400	✓													
16	100	707	2.057	300	✓													
17	101	708	3.206	200	✓													
18	102	709	5.101	150	✓													
19	103	712	6.559	100	✓								✓					
20	104	715	6.942	75	✓								✓					
21	105	727	7.068	50	✓								✓					
22	106	730	7.123	25	✓								✓					
23	107	1105	6.384	10	✓								✓					
24	108	1110	6.381	0	✓								✓					

Comments:

SHIP: JOHN P TULLY

ENTERED BY:

CHECKED BY: H.M.

Bottom Depth: 3604

Cast # down: 38

Cast # up: 38

Time

LOC

UTC

Begin: 0025

Bottom: 0113

End: 0226

START POSITION (GPS)

LAT: 49 17 00

LONG: 134 39 86

BOTTOM POSITION (GPS)

LAT: 49 17 04

LONG: 134 39 99

END POSITION (GPS)

LAT: 49 16 95

LONG: 134 39 97

.713

.004

101013364

10 02

ROSETTE LOG

MISSION ID: 2001-29STATION: UBC1CAST NUMBER: 42UTC DATE (dd/mm/yyyy): 5/9/2001

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	112	84	2.057	B ₀ +10	✓	194	x	x	x									
2	113	255	2.381	100	✓		x	x	x									
3	114	364	2.691	75	✓		x	x	x									
4	115	392	2.818	50	✓		x	x	x									
5	116	443	3.068	36	✓		x	x	y									
6	117			36	✓				x									
7	118			36	✓				x									
8	119	534	3.649	25	✓		x	x	y									
9	120			25	✓				x									
10	121			25	✓				x									
11	122	535	4.376	16	✓		x	x	x									
12	123			16	✓				x									
13	124			16	✓				x									
14	125	572	5.230	10	✓		x	x	x									
15	126			10	✓				x									
16	127			10	✓				x									
17	128	588	5.420	5	✓		x	x	x									
18	129			5	✓				x									
19	130			5	✓				x									
20	131	632		2			x	x	x									Did not close to cable
21	132	632	5.433	2					x									Took samples Run 21
22	133			2					x									
23																		
24																		

Comments: Extra bottles triggered for UBC sampling.ALL BOTTLES BADLY MIXED - LARGE FLAKESSHIP: John P. TullyENTERED BY: R.P.CHECKED BY: MRBottom Depth: 203Cast # down: 42Cast # up: 42

Time LOC UTC

Begin: 0631Bottom: 0634End: 0647

START POSITION (GPS)

LAT: 48° 23.09LONG: 124° 20.23

BOTTOM POSITION (GPS)

LAT: 48° 23.09LONG: 124° 20.22

END POSITION (GPS)

LAT: 48° 23.09LONG: 124° 20.18