

Note: Consecutive Sample Numbers for Cruise added after Cruise by Wendy Richardson in consultation with Joe, Steve, & Germaine.

ROSETTE LOG

MISSION ID: 2006-25 STATION: SS 2 CAST NUMBER: 14 UTC DATE (dd/mm/yyyy): 20/Aug/2006

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	1	1363	0.916	500	✓ 500	X	X											
2	2	1347	1.142	400	✓ 398		X											
3	3	1349	1.359	300	✓ 300		X											
4	4	1351	1.824	200	✓ 202		X											
5	5	1353	1.868	175	✓ 175		X											
6	6	1354	2.335	150	✓ 150		X											
7	7	1358	2.690	125	✓ 125		X											
8	8	1356	3.194	100	✓ 100		X											
9	9	1362	4.011	75	✓ 75		X											
10	10	1360	5.155	50	✓ 50		X											
11	11	1364	5.476	25	✓ 25		X											
12	12	1361	6.051	10	✓ 10		X											
13																		
14																		
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22																		
23																		
24																		

SHIP:

ENTERED BY: S. Romoche

CHECKED BY:

Bottom Depth: 573

Cast # down: 14

Cast # up: 14

Time LOC UTC

Begin: 1712

Bottom: 1720

End: 1737

START POSITION (GPS)

LAT: 51 13 021

LONG: 129 43.002

BOTTOM POSITION (GPS)

LAT: 51 12.968

LONG: 129 42.937

END POSITION (GPS)

LAT: 51 12.947

LONG: 129 42.923

Comments:

ROSETTE LOG

MISSION ID: 2006-25 STATION: QCS30 CAST NUMBER: 41 UTC DATE (dd/mm/yyyy): 32 / Aug / 2006

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	13.1	1188	2.484	621-5	✓ 381	X	X	X										
2	14.2	1256	2.511	300	✓ 300		X	X										
3	15.3	1267		200	✓ 200		X	X										Did not fire
4	16.4	1268	2.395	175	✓ 175		X	X										
5	17.5	1272	2.455	150	✓ 150		X	X										
6	18.6	1273	3.183	125	✓ 125		✓	X										
7	19.7	1274	2.581	100	✓ 100		✓	X										
8	20.8	1276	2.788	75	✓ 75		X	X										
9	21.9	1278	3.122	50	✓ 50		X	X										
10	22.10	1300	3.373	25	✓ 25		X	X										
11	23.11	1302	-	10	✓ 10		X	X										Did not fire
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully
ENTERED BY: snf
CHECKED BY:

Bottom Depth: 386

Cast # down: 41
Cast # up:

Time LOC UTC
Begin: 2316
Bottom: 2327
End: 2344

START POSITION (GPS)
LAT: 52 3.733
LONG: 127 55.068

BOTTOM POSITION (GPS)
LAT: 52 3.734
LONG: 127 55.034

END POSITION (GPS)
LAT: 52 3.743
LONG: 127 55.024

* this is bottle 6: I missed firing something - I think 175?
* bottle 11 was fired but didn't trip.
∴ samples from 175m = 10m missing

ROSETTE LOG

MISSION ID: 2006-25 STATION: DDAS CAST NUMBER: 67 UTC DATE (dd/mm/yyyy): 24 / Aug / 2006

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	24	1366	0.927	500	1 502	X												
2	25	1347	1.209	400	2 399.4													
3	26	1349	1.568	300	3 299													
4	27	1351	2.397	200	4 200.0													
5	28	---	---	175	☐ 175.0													
6	29	1353	3.377	150	5 150													
7	30	1354	3.783	*125	6 125													
8	31	1356	3.758	100	7 99.7													
9	32	1358	5.512	75	8 76.2													
10	33	1360	3.930	50	9 49.9													
11	34	1361	7.504	25	10 25.0													
12	35			10*	11 10.4													FINE BUBBLES IN FLASK #11 DID NOT FIRE
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
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22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 2121

Cast # down:

Cast # up:

Time LOC (UTC)
Begin: 2355
Bottom: 0604
End: 0030

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 56 53.10
LONG: 129 55.525

Comments:

ROSETTE LOG

MISSION ID: 2006-25 STATION: J1 22 CAST NUMBER: 71 UTC DATE (dd/mm/yyyy): 25/08/2006

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	36.8	1188	0.863	500	✓ 500	X												added extra 1ml of Acid
2	37.2	1256	1.102	400	✓ 401													
3	38.2	1267	1.399	300	✓ 300													
4	39.4	1268	2.550	200	✓ 200													
5	40.5	1272	2.302	175	✓ 174													
6	41.6	1273	2.682	150	✓ 150													
7	42.7	1274	2.563	125	✓ 124													
8	43.8	1276	2.832	100	✓ 98													
9	44.8	1278	3.353	75	✓ 74													
10	45.6	1300	3.594	50	✓ 51													
11	46.1	1301	4.940	25	✓ 24													
12	47.2	1302	6.312	10	✓ 10													✓
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23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 1388

Cast # down:

Cast # up:

Time LOC UTC
Begin: 06 05
Bottom: 06 16
End: 06 42

START POSITION (GPS)
LAT: 50° 39.896
LONG: 129° 17.638

BOTTOM POSITION (GPS)
LAT: 50° 39.811
LONG: 129° 17.623

END POSITION (GPS)
LAT: 50° 39.496
LONG: 129° 17.639

Comments: Samples cloudy and settling at the bottom when adding 1st 1ml of Acid

ROSETTE LOG

MISSION ID: 2006-25 STATION: LBP08 CAST NUMBER: 90 UTC DATE (dd/mm/yyyy): 27/ Aug /2006

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	44 X	1188	0.823	500	✓ 499	X		X	X									8ML OF ACID
2	49 X	1256	1.102	400	✓ 400													
3	50 —	1267	—	300	✓ 300													DID NOT TRIP
4	51 X	1268	2.101	200	✓ 200													
5	52 X	1272	2.143	175	✓ 176													
6	53 X	1273	2.410	150	✓ 150													
7	54 X	1274	2.501	125	✓ 124													
8	55 X	1276	3.026	100	✓ 100													
9	56 X	1278	2.891	75	✓ 75													
10	57 X	1300	6.278	50	✓ 49													
11	58 X	1301	5.554	25	✓ 25													
12	59 X	1302	5.695	10	✓ 10													
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23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 591

Cast # down: 90
Cast # up:

Time	LOC	UTC
Begin:		1445
Bottom:		1500
End:		1524

START POSITION (GPS)
LAT: 49 48.501
LONG: 128 16.849

BOTTOM POSITION (GPS)
LAT: 49 48.566
LONG: 128 16.760

END POSITION (GPS)
LAT: 49 48.585
LONG: 128 16.775

ROSETTE LOG

MISSION ID: 2006-25 STATION: LBP 06 CAST NUMBER: 93 UTC DATE (dd/mm/yyyy): 27 / Aug / 2006

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	604	1305	0.636	500	✓ 501	X												2mL OF ACID
2	612	1306	0.981	400	✓ 400													
3	623	1307	1.324	300	✓ 300													] in case #3 does not trip, AGAIN
4	634	-	-	300	✓ 298													
5	645	1309	1.713	200	✓ 200													
6	656	1310	1.867	175	✓ 175													
7	667	1311	2.551	150	✓ 149													
8	678	1313	2.658	125	✓ 125													
9	689	1314	3.073	100	✓ 100													Changed Dr from 2→1
10	6910	1315	2.883	75	✓ 74													
11	7011	1317	2.977	50	✓ 50													
12	7112	1318	3.291	25	✓ 24													
13	7213	1319	5.316	10	✓ 10													
14																		
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20																		
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22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 761

Cast # down: 93
Cast # up:

Time	LOC	UTC
Begin:		1726
Bottom:		1740
End:		1757

START POSITION (GPS)
LAT: 49 56.220
LONG: 128 5.525

BOTTOM POSITION (GPS)
LAT: 49 56.269
LONG: 128 5.505

END POSITION (GPS)
LAT: 49 56.263
LONG: 128 5.524

ROSETTE LOG

MISSION ID: 2006-25 STATION: LBP04 CAST NUMBER: 96 UTC DATE (dd/mm/yyyy): 27 Aug 2006

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	738	1366	2.765	500	✓ 500	X												
2	742	1347	1.032	400	✓ 400													
3	753	1349	1.387	300	✓ 300													
4	764	1351	1.385	300	✓ 300													200
5	775	1353	1.791	200	✓ 200													175
6	786	1354	1.822	175	✓ 175													150
7	797	1356	3.073	150	✓ 150													125 TRANS READ 50 THEN 99.6
8	808	1358	1.987	125	✓ 126													100 MISSED THE DUPLICATE
9	819	1360	2.352	100	✓ 95													75 AT 3/4 SO ALL 2 ARE
10	820	1361	2.098	75	✓ 75													50 OFFSET
11	831	1362	2.536	50	✓ 50													
12	842	1364	2.760	25	✓ 24													
13	853	1368	3.464	10	✓ 10													
14																		
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17																		
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19																		
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22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down: 96

Cast # up:

Time	LOC	UTC
Begin:		1956
Bottom:		2006
End:		2021

START POSITION (GPS)

LAT: 50 1.408

LONG: 127 58.138

BOTTOM POSITION (GPS)

LAT: 50 1.426

LONG: 127 58.162

END POSITION (GPS)

LAT: 50 01.448

LONG: 127 58.220

ROSETTE LOG

MISSION ID: 2006-25 STATION: LBP02 CAST NUMBER: 99 UTC DATE (dd/mm/yyyy): 27 Aug 2006

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	861	1363	1.620	50-5	✓ 91											
2	872	1367	2.026	75	✓ 75											
3	883	1371	2.652	50	✓ 50											
4	894	1373	3.013	25	✓ 25											
5	905	1375	3.157	10	✓ 10											
6																
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8																
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24																

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down: 99

Cast # up:

Time	LOC	UTC
Begin:		22
Bottom:		
End:		

START POSITION (GPS)

LAT: 50 4.002

LONG: 127 54.204

BOTTOM POSITION (GPS)

LAT: 50 3.984

LONG: 127 54.224

END POSITION (GPS)

LAT: 50 4.024

LONG: 127 54.215