

ROSETTE LOG

MISSION ID: 2003-02 STATION: VIC CAST NUMBER: 001 UTC DATE (dd/mm/yyyy): 24/02/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13		SFC		DCMU		
							OXY			ALK		CHL		NH ₄				
1	1	1195	5.482	Btm-5	✓ 50		✓	✓						✓				
2	2	1203	5.439	50	✓		✓	✓						✓				
3	3	1205	5.502	45	✓		✓	✓						✓				
4	4	1209	5.520	40	✓		✓	✓						✓				
5	5	1212	5.561	35	✓		✓	✓						✓				
6	6	1212	5.447	30	✓		✓	✓				✓	✓	✓	✓			
7	7	1216	5.473	25	✓		✓	✓				✓		✓	✓			
8	8	1222	5.502	20	✓		✓	✓				✓	✓	✓	✓			
9	9	1223	5.525	15	✓		✓	✓				✓		✓	✓			
10	10	1224	5.539	10	✓		✓	✓				✓	✓	✓	✓			
11	11	1225	5.569	5	✓		✓	✓				✓	✓	✓	✓			
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: JULY
ENTERED BY:
CHECKED BY:

Bottom Depth: 57

Cast # down: 1
Cast # up: 1

Time	LOC	UTC
Begin:		1910
Bottom:		1913
End:		

START POSITION (GPS)
LAT: 48 23.46
LONG: 123 26.23

BOTTOM POSITION (GPS)
LAT: 48 23.44
LONG: 123 26.30

END POSITION (GPS)
LAT: 48 23.50
LONG: 123 26.41

Comments: * did not titrate great
- The colorimeter kept drifting & no matter what I did or cleaned, it didn't help, so I changed the one.
It is more responsive & seems to be working a lot better now. (S.T.)
→ ie- not taking forever to come back to 100% in ml/l

ROSETTE LOG

MISSION ID: 2003-02 STATION: LC6 CAST NUMBER: 006 UTC DATE (dd/mm/yyyy): 25/02/2003

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	12	1273	5.612	6m-10	83		✓	✓										
2	13	1274	6.217	75	75		✓	✓										
3	14	1276	6.267	50	50		✓	✓										
4	15	1277	6.371	45	45		✓					✓	✓					
5	16	1279	6.321	40	40		✓	✓				✓	✓					
6	17	1278	6.381	35	35		✓					✓	✓					
7	18	1280	6.510	30	29.9		✓	✓				✓	✓					
8	19	1281	6.781	25	25.1		✓					✓	✓					
9	20	1284	7.002	20	19.6		✓	✓				✓	✓					
10	21	1287	6.964	15	15.3		✓					✓	✓					
11	22	1288	7.035	10	10.1		✓	✓				✓	✓					
12	23	1290	7.053	5	5.0		✓	✓				✓	✓					
13	24	1291	7.062	0	0.9		✓	✓										
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: _____

SHIP: TULLY
ENTERED BY: DFM
CHECKED BY: _____

Bottom Depth: 93

Cast # down: 006
Cast # up: _____

Time	LOC	UTC
Begin:	<u>0755</u>	<u>0755</u>
Bottom:		<u>0802</u>
End:		<u>0824</u>

START POSITION (GPS)
LAT: 48°36'48"
LONG: 125°54'05"

BOTTOM POSITION (GPS)
LAT: 48°36'50"
LONG: 125°54'00"

END POSITION (GPS)
LAT: 48°36'50"
LONG: 125°54'21"

ROSETTE LOG

MISSION ID: 2003-02 STATION: LC 8 CAST NUMBER: 009 UTC DATE (dd/mm/yyyy): 25/02/2003

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	25	1292	2.462	6m-10	189.7	✓	✓	✓										
2	26	1293	2.809	175	175.3	✓	✓	✓										
3	27	1294	3.165	150	150.1		✓	✓										
4	28	1295	3.795	125	185.4		✓	✓										
5	29	1297	5.153	100	99.5		✓	✓										
6	30	1298	6.068	75	75.0		✓	✓										
7	31	1299	6.509	50	49.9		✓	✓				✓✓						
8	32	1300	6.295	40	40.1		✓	✓				✓✓						5L C
9	33	1301	6.650	30	29.7		✓	✓				✓✓						
10	34	1302	6.807	20	20.1		✓	✓				✓✓						
11	35	1303	6.881	15	15.1		✓					✓✓						
12	36	1304	6.942	10	9.9		✓	✓				✓✓						
13	37	1305	6.955	5	5.0		✓	✓				✓✓						
14	38	1306	6.984	0	0.7		✓	✓										
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: JULLY
ENTERED BY: DFM
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0950
Bottom:		
End:		

START POSITION (GPS)
LAT: 48.29.49
LONG: 126.07.11

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2003-02 STATION: LC9 CAST NUMBER: 012 UTC DATE (dd/mm/yyyy): 25/02/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												O2 Comments
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	39	1307	0.641	605-104	598	✓	✓	✓										
2	40	1310	0.529	600	598	✓	✓	✓										
3	41	364	0.874	500	500	✓	✓	✓										
4	42	81176	1.203	400	400	✓	✓	✓										put in computer incorrectly as sample 39 + 40
5	43	535	1.653	300	299	✓	✓	✓										
6	44	572	2.036	250	250	✓	✓	✓										
7	45	657	2.223	200	200	✓	✓	✓										
8	46	695	2.595	175	174		✓	✓										bad endpt (95%)
9	47	707	3.258	150	151		✓	✓										
10	48	708	4.641	125	125		✓	✓										
11	48	709	4.985	100	100		✓	✓										98%
12	50	715	6.233	75	75		✓	✓										
13	51	727	6.618	50	50		✓	✓				✓	✓					
14	52	1105	6.652	40	40		✓	✓				✓	✓					
15	53	1110	6.676	30	31		✓	✓				✓	✓					49%
16	54	1126	6.777	20	19		✓	✓				✓	✓					
17	55	1128	6.774	15	15		✓					✓	✓					
18	56	1130	6.814	10	10		✓	✓				✓						
19	57	1135	6.723	5	5		✓	✓				✓						
20	58	1134	6.790	0	1.5		✓	✓										
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully
ENTERED BY: DFM
CHECKED BY:

Bottom Depth: 610 m

Cast # down: 12
Cast # up:

Time	LOC	UTC
Begin:		1312
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 25.99
LONG: 126 13.79

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2003-02 STATION: B10 1 CAST NUMBER: 13 UTC DATE (dd/mm/yyyy): 25 Feb 2003

Niskin No.	Sample No.	OXY. Flask	9% oxy. mtt	ROSETTE OPERATION			Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
							OXY		NH4		ALK		CHL	SE CHL	PP	PI	phyt		
1	59		1%			55	/		/	/				/	/	/			
2	60		3%			40	/		/	/				/	/	/			
3	61		3%			40	/		/	/							✓	✓	
4	62		10%			27	/		/	/				/	/	/			
5	63		33%			15	/		/	/				/	/	/			
6	64		55%			5	/		/	/				/	/	/			
7	65		55%			5	/		/	/							✓	✓	
8	66		surf.						/	/				/	/	/			
9																			
10																			
11																			
12																			
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22																			
23																			
24																			

Comments:

SHIP:

ENTERED BY: DT

CHECKED BY:

Bottom Depth: 385

Cast # down: 13

Cast # up: 14

Time	LOC	UTC
Begin:	0801	16:01
Bottom:	0816	16:16
End:	0831	16:31

START POSITION (GPS)

LAT: 48 31 799

LONG: 126 11 22

BOTTOM POSITION (GPS)

LAT: 48 31 802

LONG: 126 11 221

END POSITION (GPS)

LAT: 48 31 817

LONG: 126 11 233

ROSETTE LOG

MISSION ID: 2003-02 STATION: B10 1 CAST NUMBER: 19 UTC DATE (dd/mm/yyyy): 25/02/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
						OXY				ALK		CHL	NH4	DO	PAR	POT			
1	67	1273	1.026	60+10	✓	452	✓	✓	✓										
2	68	1274	1.259	400	✓		✓	✓	✓										
3	69	1276	1.766	300	✓		✓	✓	✓										
4	70	1277	2.000	250	✓		✓	✓	✓										
5	71	1279	2.427	200	✓		✓	✓	✓										
6	72	1278	2.932	175	✓			✓	✓										
7	73	1280	3.463	150	✓			✓	✓										
8	74	1281	4.097	125	✓			✓	✓										
9	75	1284	5.497	100	✓			✓	✓										
10	76	1287	6.419	75	✓			✓	✓										
11	77	1288	6.631	50	✓			✓	✓				✓	✓	✓				
12	78	1290	6.671	40	✓			✓	✓				✓	✓	✓	✓			
13	79	1291	6.635	35	✓			✓	✓				✓	✓	✓				
14	80			35	✓									✓	✓			✓	
15	81	1292	6.655	30	✓			✓	✓				✓	✓	✓	✓			
16	82	1293	6.640	25	✓			✓	✓				✓	✓	✓				
17	83	1294	6.714	20	✓			✓	✓				✓	✓	✓	✓			
18	84	1295	6.952	15	✓			✓	✓				✓	✓	✓				
19	85	1297	7.404	10	✓			✓	✓				✓	✓	✓	✓			
20	86	1298	7.420	5	✓			✓	✓				✓	✓	✓	✓			
21	87			5	✓									✓	✓			✓	
22	88	1300	7.434	0	✓			✓	✓				✓	✓	✓	✓			
23																			
24																			

Comments:

SHIP: Tully
ENTERED BY: ST
CHECKED BY:

Bottom Depth: 450 (458) 495

Cast # down: 16 79
Cast # up:

Time	LOC	UTC
Begin:		2340
Bottom:		2348
End:		0012 (26th)

START POSITION (GPS)
LAT: 48°32.16
LONG: 126°11.81

BOTTOM POSITION (GPS)
LAT: 48°32.14
LONG: 126°11.77

END POSITION (GPS)
LAT: 48°32
LONG: 126°11

ROSETTE LOG

MISSION ID: 1050302 STATION: LC4 CAST NUMBER: 022 UTC DATE (dd/mm/yyyy): 26 FEB/03

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	89	1195	5.565	BOT-10	157		✓	✓										
2	90	1203	5.592	150	150		✓	✓										
3	91	1206	5.739	125	124.9		✓	✓										put in wrong depth
4	92	1209	5.788	100	100		✓	✓										
5	93	1212	5.830	75	74		✓	✓										
6	94	1272	5.967	50	50		✓	✓										
7	95	1216	6.001	45	45.8		✓					✓						
8	96	1222	6.046	40	40.3		✓	✓				✓						
9	97	1223	6.140	35	35		✓					✓						
10	98	1224	6.362	30	30.1		✓	✓				✓						
11	99	1225	6.455	25	24.9		✓					✓						
12	100	1228	6.701	20	20.1		✓	✓				✓						
13	101	1231	7.153	15	15.2		✓					✓						
14	102	1233	7.845	10	10.5		✓	✓				✓						
15	103	1235	8.064	5	4.7		✓	✓				✓						✓
16	104	1237	8.037	0	0.8		✓	✓										✓
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: Added 1 extra ml of H2SO4 for O2 titrations - clumpy samples, but seemed to titrate OK. (ST)

SHIP: TULLY
ENTERED BY: D. MOORE
CHECKED BY:

Bottom Depth: 167

Cast # down: 22
Cast # up:

Time	LOC	UTC
Begin:		0339
Bottom:		0341
End:		

START POSITION (GPS)
LAT: 48 43.45
LONG: 125 40.79

BOTTOM POSITION (GPS)
LAT: 48 43.45
LONG: 125 40.79

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 1050302 STATION: LC2 CAST NUMBER: 024 UTC DATE (dd/mm/yyyy): 26 FEB /03

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	105	1238	5.767	BOT-10	98			✓	✓									
2	106	1241	5.948	75	75			✓	✓									
3	107	1247	6.180	50	50			✓	✓									
4	108	1248	6.174	45	44			✓				✓						
5	109	1256	6.013	40	40			✓	✓			✓						
6	110	1258	5.949	35	35			✓				✓						
7	111	1260	6.067	30	31			✓	✓			✓						
8	112	1267	6.480	25	24			✓				✓						
9	113	1268	6.723	20	19			✓	✓			✓						
10	114	1270	7.043	15	14			✓				✓						
11	115	1271	7.208	10	10			✓	✓			✓						
12	116	1148	7.797	5	5			✓	✓			✓						
13	117	1188	7.457	0	0.2			✓	✓									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY

ENTERED BY: D. MOORE

CHECKED BY:

Bottom Depth: 110

Cast # down: 24

Cast # up:

Time	LOC	UTC
Begin:		0558
Bottom:		—
End:		0609

START POSITION (GPS)

LAT: 48 48.70

LONG: 125 30.99

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 48.71

LONG: 125 31.01

ROSETTE LOG

MISSION ID: 2003-02 STATION: LCI CAST NUMBER: 025 UTC DATE (dd/mm/yyyy): 26 FEB/03

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	118	1153	5.907	BOT-10	90		✓	✓										
2	119	1158	5.976	75	75		✓	✓										
3	120	1175	6.068	50	48		✓	✓										
4	121	534	6.104	45	44							✓						
5	122	657	6.129	40	40		✓	✓				✓						
6	123	572	6.126	35	34							✓						
7	124	1136	6.123	30	30		✓	✓				✓						
8	125	1137	6.224	25	24							✓						
9	126	1138	5.427	20	20		✓	✓				✓						(questionable data pt.)
10	127	1142	6.959	15	15							✓						bubble in flask perhaps
11	128	1146	7.495	10	10		✓	✓				✓						
12	129	1192	8.029	5	4		✓	✓				✓						<99%
13	130	1110	8.192	0	1.5		✓	✓										<99%
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY

ENTERED BY: S.M.

CHECKED BY:

Bottom Depth: 96

Cast # down: 025

Cast # up: 025

Time	LOC	UTC
Begin:		
Bottom:		0705
End:		0713

START POSITION (GPS)

LAT: 48 50.41

LONG: 125 27.69

BOTTOM POSITION (GPS)

LAT: 48 50.41

LONG: 125 27.69

END POSITION (GPS)

LAT: 48 50.38

LONG: 125 27.69

ROSETTE LOG

MISSION ID: STATION: B10-1 CAST NUMBER: 026 UTC DATE (dd/mm/yyyy): 26 Feb. 2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT	W4	TCO		C13						
							OXY				ALK		CHL	S-F	W4		P+I	
1	131			50	50			✓	✓				✓					
2	132			45	45								✓	✓	✓			
3	133			40	39.5			✓	✓				✓					
4	134			35	35			✓	✓				✓	✓	✓			
5	135			35	35								✓				✓	
6	136			30	30			✓	✓				✓					
7	137			25	24.8								✓	✓	✓			
8	138			20	20			✓	✓				✓					
9	139			15	14.6								✓	✓	✓			
10	140			10	9.9			✓	✓				✓	✓	✓			
11	141			5	5								✓				✓	
12	142			5	5			✓	✓				✓	✓	✓			
13	143			0	0			✓	✓				✓					
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 447

Cast # down: 26
Cast # up:

Time	LOC	UTC
Begin:		1550
Bottom:		1604
End:		

START POSITION (GPS)
LAT: 48 32 19
LONG: 126 11 843

BOTTOM POSITION (GPS)
LAT: 48 32 128
LONG: 126 11 811

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2003-02 STATION: B101 CAST NUMBER: 27 UTC DATE (dd/mm/yyyy): 26 02 2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL	DMU	HPLC				
1	144	1311	1.381	601-10	445	✓	✓	✓										
2	145	1313	1.324	400	400	✓	✓	✓										
3	146	1314	1.680	300	301	✓	✓	✓										
4	147	1315	1.914	250	251	✓	✓	✓										
5	148	1316	2.205	200	199	✓	✓	✓										
6	149	1317	2.448	175	174		✓	✓										
7	150	1318	2.951	150	149		✓	✓										
8	151	1319	3.906	125	124		✓	✓										
9	152	1320	5.212	100	100		✓	✓										
10	153	1321	6.445	75	76		✓	✓										
11	154	1322	6.666	50	50		✓	✓				✓	✓					>160/.
12	155	1323	6.704	40	38		✓	✓				✓	✓	✓				12-7000d
13	156	1324	6.699	35	34		✓					✓	✓					
14	157	1325	6.717	30	29		✓	✓				✓	✓	✓				
15	158	1326	6.703	25	25		✓					✓	✓					
16	159	1327	6.676	20	19		✓	✓				✓	✓	✓				
17	160	1328	6.672	15	15		✓	✓				✓	✓	✓				
18	161	1329	6.675	10	11.2		✓	✓				✓	✓	✓				
19	162	1331	6.726	5	4.8		✓	✓				✓	✓	✓				
20	163	1332	7.078	0	0		✓	✓				✓	✓	✓				
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY: DT

CHECKED BY:

Bottom Depth: 450

Cast # down: 27

Cast # up: 27

Time	LOC	UTC
Begin:	1000	1800
Bottom:	1011	1811
End:	1040	1840

START POSITION (GPS)

LAT: 48 32 112

LONG: 126 11 843

BOTTOM POSITION (GPS)

LAT: 48 32 138

LONG: 126 11 839

END POSITION (GPS)

LAT: 48 32 138

LONG: 126 11 811

ROSETTE LOG

MISSION ID: 2003-02 STATION: BT01 CAST NUMBER: 036 UTC DATE (dd/mm/yyyy): 10/02/03

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL	NH4	XMU	FI			
1	166			BOT-10	430	✓		✓										
2	167			400	400	✓		✓										
3	168			300	300	✓		✓										
4	169			250	250	✓		✓										
5	170			200	200	✓		✓										
6	171			175	176			✓										
7	172			150	150			✓										
8	173			125	126			✓										
9	174			100	100			✓										
10	175			75	75			✓										
11	176			50	50			✓				✓✓	✓	✓✓				
12	177			40	40			✓				✓✓	✓	✓✓				
13	178			35	35							✓✓	✓	✓✓	✓			
14	179			30	30			✓				✓✓	✓	✓✓				
15	180			25	25							✓✓	✓	✓✓				
16	181			20	20			✓				✓✓	✓	✓✓				
17	182			15	15							✓✓	✓	✓✓				
18	183			10	10			✓				✓✓	✓	✓✓				
19	184			5	5			✓				✓✓	✓	✓✓	✓			
20	185			0	0			✓				✓✓	✓	✓✓				
21																		
22																		
23																		
24																		

SHIP: TULLY

ENTERED BY:

CHECKED BY:

Bottom Depth: 442

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:	2322	2322
Bottom:		
End:		2349

START POSITION (GPS)

LAT: 48 32.10

LONG: 126 11.76

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 32.09

LONG: 126 11.78

Comments:

ROSETTE LOG

MISSION ID: 2003-02 STATION: LB09 CAST NUMBER: 043 UTC DATE (dd/mm/yyyy): 200 Feb. 27/03

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY		NH4	ALK		CHL	TCMU	SFC				
1	186	364	2.443	B-10	145		✓	✓	✓									
2	187	1176	2.302	125	124		✓	✓	✓									
3	188	535	4.502	100	100		✓	✓	✓									
4	189	1148	5.276	75	75		✓	✓	✓									
5	190	1188	5.227	50	49		✓	✓	✓				T	T				
6	191	707	5.346	45	45													
7	192	708	5.463	40	40		✓	✓	✓									
8	193	709	5.759	35	35										✓			
9	194	715	6.116	30	30		✓	✓	✓									
10	195	727	6.517	25	25										✓			
11	196	1105	6.646	20	20		✓	✓	✓									
12	197	1110	6.676	15	15										✓			
13	198	1126	6.891	10	9.4		✓	✓	✓						✓			
14	199	1128	7.252	5	4.5		✓	✓	✓						✓			
15	200	1130	7.419	0	.9		✓	✓	✓				↓	↓				
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: Note: 186 & 200 : problems with air in reagent bottles (only). use

SHIP: JPTully

ENTERED BY:

CHECKED BY:

Bottom Depth: 150

Cast # down: 43

Cast # up:

TimeLOCUTC

Begin:1542

Bottom:

End:

START POSITION (GPS)

LAT: 48° 21.998

LONG: 125° 34.78

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2003-02 STATION: LB08 CAST NUMBER: 047 UTC DATE (dd/mm/yyyy): 2003/02/27

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY		NH ₄		ALK		CHL	DCMU	SFC			
1	201	1195	2.853	8-10	✓	130		✓	✓	✓								
2	202	1203	2.873	125	✓			✓	✓	✓								
3	203	1206	3.8145	100	✓			✓	✓	✓								
4	204	1209	4.562	75	✓			✓	✓	✓								
5	205	1212	5.056	50	✓			✓	✓	✓								
6	206	1272	5.484	40	✓			✓	✓	✓								
7	207	1228	5.655	35	✓									T	T	✓		
8	208	1225	5.981	30	✓			✓	✓	✓				T	T			
9	209	1223	6.327	25	✓											✓		
10	210	1224	6.535	20	✓			✓	✓	✓								
11	211	1222	6.675	15	✓											✓		
12	212	1216	6.739	10	✓			✓	✓	✓						✓		
13	213	1231	6.796	5	✓			✓	✓	✓						✓		
14	214	1233	6.804	0	✓			✓	✓	✓				↓	↓			
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: SPT
ENTERED BY: NG ST
CHECKED BY:

Bottom Depth: 140

Cast # down: 47
Cast # up:

Time	LOC	UTC
Begin:		1739
Bottom:		1742
End:		1755

START POSITION (GPS)
LAT: 48° 25.33
LONG: 125° 28.63

BOTTOM POSITION (GPS)
LAT: 48° 25.33
LONG: 125° 28.62

END POSITION (GPS)
LAT: 48° 25.31
LONG: 125° 28.56

ROSETTE LOG

MISSION ID: 2003-02 STATION: LB6 CAST NUMBER: 52 UTC DATE (dd/mm/yyyy): 27/02/03

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY		NH4		ALK		CHL	DCMM	S-Fe			
1	215	1273	4.570	BOT-10			✓	✓	✓									
2	216	1274	6.465	75			✓	✓	✓									
3	217	1276	5.116	50			✓	✓	✓									
4	218	1277	5.715	40			✓	✓	✓									
5	219	1278		35									✓	✓				
6	220	1278	5.759	30			✓	✓	✓				✓	✓				
7	221	1280		25									✓	✓	✓			
8	222	1279	6.133	20			✓	✓	✓				✓	✓				
9	223	1281		15									✓	✓	✓			
10	224	1280	6.628	10			✓	✓	✓				✓	✓	✓			
11	225	1281	6.701	5			✓	✓	✓				✓	✓	✓			
12	226	1284	6.968	0			✓	✓	✓				✓	✓				
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

put in computer #5
(sample 219)

Original file (oxy) was corrupt so used 47 as template and recreated file. 52.
Joe

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 114

Cast # down: 52
Cast # up:

Time	LOC	UTC
Begin:		2014
Bottom:		2021
End:		2032

START POSITION (GPS)
LAT: 48 32 206
LONG: 125 15 505

BOTTOM POSITION (GPS)
LAT: 48 32 301
LONG: 125 15 478

END POSITION (GPS)
LAT: 48 32 384
LONG: 125 15 450

Comments:

ROSETTE LOG

MISSION ID: 2003-02 STATION: LB4 CAST NUMBER: 58 UTC DATE (dd/mm/yyyy): 27/02/03

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	DOMUS-FC			
1	227	364	3.276	BOT-10	109 109		✓	✓	✓							
2	228	1176	4.908	75	73		✓	✓	✓							
3	229	535	5.525	50	49		✓	✓	✓							
4	230	1153	5.704	40	38		✓	✓	✓							
5	231			35	34							✓	✓			
6	232	1188	5.841	30	29		✓	✓	✓			✓	✓			
7	233			25	24							✓	✓	✓		
8	234	707	6.139	20	19		✓	✓	✓			✓	✓			
9	235			15	13							✓	✓	✓		
10	236	708	7.002	10	10		✓	✓	✓			✓	✓	✓		I may have been putting in the wrong sample #s - O2 (computer)
11	237	709	7.864	5	5.1		✓	✓	✓			✓	✓	✓		
12	238	715	7.918	0	1.0		✓	✓	✓			✓	✓			
13																
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15																
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20																
21																
22																
23																
24																

Comments: _____

SHIP: TULLY

ENTERED BY: S.M.

CHECKED BY: _____

Bottom Depth: 1110

Cast # down: _____

Cast # up: _____

Time	LOC	UTC
Begin:		
Bottom:		
End:		

START POSITION (GPS)

LAT: 48 35.69

LONG: 125 08.109

BOTTOM POSITION (GPS)

LAT: 48 35.69

LONG: 125 08.70

END POSITION (GPS)

LAT: 48 35.70

LONG: 125 08.72

ROSETTE LOG

MISSION ID: 2003-02 STATION: LB2 CAST NUMBER: 66 UTC DATE (dd/mm/yyyy): 27/02/03

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	DCMU	S-FC				
1	239	1311	5.727	bot-10	50		✓	✓✓	✓✓									
2	240	1313	5.523	40	40		✓	✓✓	✓✓									
3	241	1317	5	35	55							✓✓	✓✓					
4	242	1314	5.578	30	28		✓	✓✓	✓✓			✓✓	✓✓					
5	243			25	25							✓✓	✓✓	✓				
6	244	1315	6.235	20	19		✓	✓✓	✓✓			✓✓	✓✓					
7	245			15	15							✓✓	✓✓	✓				
8	246	1316	6.608	10	10		✓	✓✓	✓✓			✓✓	✓✓	✓				
9	247	1317	7.719	5	3		✓	✓✓	✓✓			✓✓	✓✓	✓				
10	248	—	—	0			✓	✓✓	✓✓			✓✓	✓✓					STEVE FORGOT TO TRIP SURFACE BOTTLE OR TRIP LINE DID NOT RELEASE
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: TULLY

ENTERED BY: SM I

CHECKED BY:

Bottom Depth: 40

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0057
Bottom:		0059
End:		0105

START POSITION (GPS)

LAT: 48 38.97

LONG: 125 02.38

BOTTOM POSITION (GPS)

LAT: 48 38.96

LONG: 125 02.40

END POSITION (GPS)

LAT: 48 38.93

LONG: 125 02.38

ROS
From ~~ASC~~ Jites it looks like bottle at 5 m was not tripped.

ROSETTE LOG

MISSION ID: 2003-02 STATION: LB01 CAST NUMBER: 067 UTC DATE (dd/mm/yyyy): 28/02/03

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY		NH4		ALK		CHL					
1	249	1320	5.514	BOT-10	✓ 120			X	-✓	✓								air bubble in flask
2	250	1321	5.626	15	✓			X	✓	✓			✓					
3	251	1322	5.869	10	✓			X	✓	✓			✓					air bubble
4	252	1323	7.100	5	✓			X	✓	✓			✓					or values look fine
5	253	1324	7.960	0				X	✓	✓			✓					
6																		
7																		
8																		
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22																		
23																		
24																		

Comments:

SHIP: TULLY.

ENTERED BY:

CHECKED BY:

Bottom Depth: 29

Cast # down: 67

Cast # up:

Time	LOC	UTC
Begin:		0146
Bottom:		0148
End:		

START POSITION (GPS)

LAT: 48°40.44

LONG: 124°59.59

BOTTOM POSITION (GPS)

LAT: 48°40.45

LONG: 124°59.61

END POSITION (GPS)

LAT: 48°40.

LONG: 124°59.

ROSETTE LOG

MISSION ID: 2003-02 STATION: BIO-2 CAST NUMBER: 068 UTC DATE (dd/mm/yyyy): 28/03/2003

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l <i>Depth</i>	ROSETTE OPERATION		Samples taken												OXY COMMENTS
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY		NH ₄		ALK		CHL	S-FC	HPIC	DMU	PVE	
1	254	1364	1162	BOT-10	4.302	✓	✓	✓	✓									>100%
2	255	1176	257	290	3.064	✓	✓	✓	✓									re-zeroed
3	256	535	199	175	3.372	✓	✓	✓	✓									
4	257	1153	175	175	3.790		✓	✓	✓									
5	258	1188	125	125	5.047		✓	✓	✓									
6	259	707	100	100	5.286		✓	✓	✓									
7	260	708	74	75	5.301		✓	✓	✓									
8	261	709	50	50	5.261		✓	✓	✓									
9	262		45	45														
10	263	715	40	40	5.265		✓	✓	✓				✓			✓		
11	264		35	35									✓			✓		
12	265	727	30	30	5.196		✓	✓	✓				✓			✓		
13	266		25	25				✓	✓				✓	✓	✓	✓		
14	267		25	25				✓	✓				✓				✓	
15	268	1105	20	20	5.559		✓	✓	✓				✓	✓	✓	✓		
16	269		14.8	15				✓					✓	✓	✓	✓		
17	270	1110	10	10	6.332		✓	✓	✓				✓	✓	✓	✓		
18	271	1126	4.6	5	6.840		✓	✓	✓				✓	✓	✓	✓		
19	272		4.5	5									✓				✓	
20	273	1128	.6	0	7.629		✓	✓	✓				✓			✓		
21																		
22																		
23																		
24																		

Comments:

SHIP: JPT
ENTERED BY: MR / Turek - *can't you tell*
CHECKED BY:

Bottom Depth: 272.

Cast # down: 68
Cast # up:

Time	LOC	UTC
Begin:		1549
Bottom:		
End:		

START POSITION (GPS)
LAT: 49°00.43
LONG: 123°23.10

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG: