

ROSETTE LOG

MISSION ID: 2000-06  
STATION NAME: PA13

UTC DATE y/m/d: 2000/05/13  
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						
							OXY		CHL		C13								
1	1			125	✓		✓												3.66
2	2			100	✓		✓												3.76
3	3			75	✓		✓												3.49
4	4			50	✓		✓												3.90
5	5			30	✓		✓												4.37
6	6			20	✓		✓												4.78
7	7			10	✓		✓												5.65
8	8			0	✓		✓												8.00
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY:  
CHECKED BY:

Bottom Depth: 140

Cast # down:  
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		<u>0552</u>
End:		<u>0600</u>

START POSITION (GPS)

LAT: 4907.68

LONG: 124 4847

BOTTOM POSITION (GPS)

LAT: 49 07.65

LONG: 124 48.49

END POSITION (GPS)

LAT:

LONG:

new oxygen program

Comments:

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rec 0004.log     20000224 104046     19981210 205720

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19980916 181008

# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: EFF01

UTC DATE y/m/d: 2000/05/13  
 CAST NUMBER: 2.

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											O <sub>2</sub>	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO						
							OXY		CHL		C13								
1	9			35	33.	✓		✓										6.11	
2	10			30		✓												4.74	
3	11			20		✓												5.64	poor
4	12			10		✓												7.79	
5	13			0		✓		✓										8.11	
6																			
7		F6.0																	
8		F10.1																	
9		F13.3																	
10		F12.3																	
11		F8.0																	
12		F12.2																	
13		F13.3																	
14		F13.3																	
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY:   
 CHECKED BY:

Bottom Depth: 35

Cast # down:   
 Cast # up:

Time	LOC	UTC
Begin:		<u>1831</u>
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 49 05.57  
 LONG: 125 11.66

BOTTOM POSITION (GPS)  
 LAT:   
 LONG:

END POSITION (GPS)  
 LAT:   
 LONG:

Comments:

# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: EFF02

UTC DATE y/m/d: 2000/05/13  
 CAST NUMBER: 3

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	14	1297		68	64		✓										3.16
2	15			50	50												2.86
3	16			30	30												5.03
4	17			20	20												6.02
5	18			10	10												7.37
6	19			0	0		✓										7.98
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

ENTERED BY:  
 CHECKED BY:

Bottom Depth: 68

Cast # down:  
 Cast # up:

Time	LOC	UTC
Begin:		<u>1853</u>
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 49 05 01  
 LONG: 125 10 29

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

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# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: EFF 03

UTC DATE y/m/d: 2000/05/13  
 CAST NUMBER: 4

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										02	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
							OXY		CHL		C13							
1	20			113	114			✓										00
2	21			100	100													0.0
3	22			75	75													.08
4	23			50	50													3.46
5	24			30	30													5.15
6	25			20	20													6.06
7	26			10	10													7.70
8	27			0	0			✓										7.89
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:  
 CHECKED BY:

Bottom Depth: 113

Cast # down:  
 Cast # up:

Time	LOC	UTC
Begin:		<u>1946</u>
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 4904.28  
 LONG: 12509.43

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

# ROSETTE LOG

MISSION ID: 2000-06  
STATION NAME: EFF04

UTC DATE y/m/d: 2000/05/13  
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					
							OXY		CHL		C13							
1	28	1312		59	59		✓										4.16	
2	29			30	30		↓										4.87	
3	30			20	20		↓										5.70	
4	31			10	10		↓										7.03	1.220
5	32			0	0		↓										7.72	
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:  
CHECKED BY:

Bottom Depth: 59

Cast # down:  
Cast # up:

Time	LOC	UTC
Begin:		2023
Bottom:		
End:		

START POSITION (GPS)  
LAT: 49 03 11  
LONG: 125 08 60

BOTTOM POSITION (GPS)  
LAT:  
LONG:

END POSITION (GPS)  
LAT:  
LONG:

Comments:

# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: EFF 05

UTC DATE y/m/d: 2000/05/13  
 CAST NUMBER: 6

SHIP: TOLLY

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	33	1317.		202	199			✓													.20	
2	34			175	175																.47	
3	35			150	149.9																.68	Recd.
4	36			125	125																.67	
5	37			100	100																1.99	
6	38			75	75																4.08	poor.
7	39			50	50																4.12	
8	40			30	30																5.10	
9	41			20	19.8																5.80	
10	42			10	10																6.80	
11	43			0	0			✓													7.65	
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						

ENTERED BY:  
 CHECKED BY:

Bottom Depth: 205

Cast # down:  
 Cast # up:

Time	LOC	UTC
Begin:		2056
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 49 02 55  
 LONG: 125 09 16

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: EFF-06

UTC DATE y/m/d: 2000/05/13  
 CAST NUMBER: 7

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	44	1328		150	156			✓															47
2	45			125	125																		54
3	46			100	100																		2.72
4	47			75	75																		3.90
5	48			50	50																		4.24
6	49			30	30																		5.19
7	50			20	20																		5.75
8	51			10	10																		6.69
9	52			0	0			✓															7.78
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							
18																							
19																							
20																							
21																							
22																							
23																							
24																							

ENTERED BY:  
 CHECKED BY:

Bottom Depth: 151

Cast # down: 007  
 Cast # up: 007

Time LOC UTC  
 Begin: 2202  
 Bottom:  
 End:

START POSITION (GPS)  
 LAT: 49 01.83  
 LONG: 125 09.18

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

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# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: EFF 07

UTC DATE y/m/d: 2000/05/13  
 CAST NUMBER: 8

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip	Confirmed	SAL		NUT		ALK		TCO					
					pressure	Salinity		OXY		CHL		C13						
1	53			115	112	✓		✓										2.08
2	54			100		✓												2.56
3	55			75		✓												3.78
4	56			50		✓												4.21
5	57			30		✓												5.07
6	58			20		✓												5.57
7	59			10		✓												6.39
8	60			0		✓		∇										7.50
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: JE  
 CHECKED BY:

Bottom Depth: 118

Cast # down: 008

Cast # up: 008

Time	LOC	UTC
Begin:		<u>2303</u>
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 49° 01.21  
 LONG: 125° 09.38

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

















# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: LA01

UTC DATE y/m/d: 2000/05/18  
 CAST NUMBER: 60

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										O <sub>2</sub>	Time	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO						
							OXY		CHL		C13								
1	120			250	250	✓	✓											2.052	198
2	121			200		✓												2.193	206
3	122			175		✓												2.356	207
4	123	1294		150		✓												2.562	203
5	124	1295		125		✓												2.866	230
6	125	1298		100		✓												3.195	221
7	126			75		✓												3.756	238
8	127			50		✓												4.181	250
9	128			30		✓												4.387	226
10	129			20		✓												4.741	214
11	130			10		✓												6.245	229
12	131			0														6.898	237
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY: JE

CHECKED BY:

Bottom Depth: 261

Cast # down: 060

Cast # up: 060

Time	LOC	UTC
Begin:	<u>0012</u>	
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 48° 29.47  
 LONG: 124° 43.79

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments: using Compaq Contura 4/22 laptop computer and QB version 2.4



# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: LA02

UTC DATE y/m/d: 2000/05/18  
 CAST NUMBER: 161

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	132			300	300	✓												1.937	173
2	133			250		✓												2.046	183
3	134			200		✓												2.134	191
4	135	1307		175		✓												2.270	198
5	136			150		✓												2.571	210
6	137			125		✓												3.108	219
7	138	1310		100		✓												3.580	214
8	139			75		✓												4.507	215
9	140			50		✓												5.122	234
10	141			30		✓												5.042	211
11	142			20		✓												6.045	234
12	143			10		✓												6.446	242
13	144			0		✓												6.862	229
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY: JE  
 CHECKED BY:

Bottom Depth: 308

Cast # down: 061

Cast # up: 061

Time	LOC	UTC
Begin:		<u>0121</u>
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 48° 26.23'  
 LONG: 124° 51.38'

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Blank Ice Defender  
Norton Internet Security 2000.

Comments:

# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: LA04

UTC DATE y/m/d: 2000/05/18  
 CAST NUMBER: 163

SHIP: Tully

Niskin No	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken									
					Trip pressure	Confirmed Salinity	SAL	OXY	NUT	CHL	ALK	CI3	TCO			
→ 1	145	1322		Bu-5	175	✓		↑	136.19	Meng	Flask		2.223	←		
2	146			150	150	✓			136.92				2.199			
3	147			125	123	✓							2.967			
4	148			100	98	✓							3.310			
5	149			75	74	✓							5.066			
6	150			50	49	✓							6.282			
7	151			30	30	✓							6.657			
8	152			20	19	✓							6.709			
9	153			10	10	✓							7.384			
10	154			0	1.9	✓		↓					7.451			
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

ENTERED BY:  
 CHECKED BY:

Bottom Depth: 193

Cast # down: 063  
 Cast # up: 063

Time	LOC	UTC
Begin:		03/7
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 4819.25  
 LONG: 12503.98

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Zonalarm

Comments:

# ROSETTE LOG

MISSION ID: 2000-06

UTC DATE y/m/d: 2000/05/18

SHIP: TULLY

STATION NAME: LA06

CAST NUMBER: 65

Niskin No	Sample No	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO						
							OXY		CHI		C13								
1	155			807-5	112			✓										3.223	
2	156	1333		100	100			↓										3.598	210
3	157			75	74			↓										5.345	
4	158			50	50			↓										6.362	
5	159			30	30			↓										6.485	
6	160			20	19.5			↓										6.672	
7	161			10	10			↓										6.973	
8	162			0	0			↓										7.251	
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY:  
CHECKED BY:

Bottom Depth: 114

Cast # down:  
Cast # up:

Time LOC UTC  
Begin: 0512  
Bottom:  
End:

START POSITION (GPS)  
LAT: 48 12 65  
LONG: 125 17 14

BOTTOM POSITION (GPS)  
LAT:  
LONG:

END POSITION (GPS)  
LAT:  
LONG:

~~switched Comrag to  
DOS mode.~~

Comments:

# ROSETTE LOG

MISSION ID: 00-06  
 STATION NAME: LA08

UTC DATE y/m/d: 2000/03/18  
 CAST NUMBER: 67

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp	Sample Depth	ROSETTE OPERATION		Samples taken										Other		
					Trip pressure	Confirmed Salinity	SAL	OXY	NUT	CHL	ALK	TCO	C13						
1	163	1340		Bottom	139	✓		✓										2.525	
2	164			125		✓												2.625	
3	165			100		✓												4.830	
4	166			75		✓												6.398	
5	167			50		✓												6.718	
6	168			30		✓							1.190					6.969	check
7	169			20		✓												6.930	
8	170			10		✓							1.273					7.613	
9	171			0		✓												7.506	
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY: JE  
 CHECKED BY:

Bottom Depth: 144

Cast # down: 067

Cast # up: 067

Time	LOC	UTC
Begin:		<u>0708</u>
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 48° 06.05'  
 LONG: 125° 31.03'

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: LD10

UTC DATE y/m/d: 00/05/19  
 CAST NUMBER: 79

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	176			Bot-5	1484															
2	177			1400	1400															
3	178			1250	1250															
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: DJS  
 CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time      LOC      UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

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# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: ERWASP

UTC DATE y/m/d: 2000/05/20  
 CAST NUMBER: 81

SHIP: J.P. 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		Cl3							
1	183			B-20	2120	✓	✓	✓										1771
2	184			2040	2040	✓	✓	✓										1521
3	185				1998	✓	✓	✓										1418
4	186				1910	✓	✓	✓										1378
5	187				1880	✓	✓	✓										1260
6	188			1200		✓	✓	✓										.335
7	189	1297		1000		✓	✓	✓				.050						.241
8	190	1299		800		✓	✓	✓				.050						.237
9	191			600		✓	✓	✓										.357
10	192			500		✓	✓	✓										.520
11	193			400		✓	✓	✓										.976
12	194			300	301	-	✓	✓										1.594
13	195			200	200	✓	✓	✓										2.563
14	196			175	174	✓	✓	✓										3.267
15	197			150	150	✓	✓	✓										3.806
16	198			125	125	✓	✓	✓										4.151
17	199			100	100	✓	✓	✓										5.332
18	200			75	74	✓	✓	✓										6.791
19	201			50	48	✓	✓	✓										6.947
20	202			30	30	✓	✓	✓										6.960
21	203			20	20	✓	✓	✓										6.835
22	204			10	10	✓	✓	✓	✓	✓								6.829
23	205			0	2.0	✓	✓	✓	✓	✓								6.823
24																		

ENTERED BY:  
 CHECKED BY:

Bottom Depth: 2140

Cast # down: 81  
 Cast # up: 81

Time	LOC	UTC
Begin:		1701
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 47° 57.37'  
 LONG: 129° 05.40'

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT: 47 56.36  
 LONG: 129 4.15

Comments:

# ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: LG01

UTC DATE y/m/d: 2000/05/22  
 CAST NUMBER: 85

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												
1	212			30	40	✓		✓													5.568		
2	213			20	30	✓																5.490	
3	214			10	20	✓																5.761	
4	215			0	10	✓		✓														7.094	
5	216			0	0	✓		✓														7.135	
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							
18																							
19																							
20																							
21																							
22																							
23																							
24																							

ENTERED BY:   
 CHECKED BY:

Bottom Depth: 54.

Cast # down:   
 Cast # up:

Time	LOC	UTC
Begin:		0143
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 49 20.58  
 LONG: 126 35 26

BOTTOM POSITION (GPS)  
 LAT:   
 LONG:

END POSITION (GPS)  
 LAT:   
 LONG:

Comments:

# ROSETTE LOG

MISSION ID: 00-06

UTC DATE y/m/d: 00 05 22

STATION NAME: LG043

CAST NUMBER: 88

SHIP: Truy

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	217	1298		Bot-5	120			✓											3.519
2	218			100	100														4.493
3	219			100	100														4.496
4	210			75	75														6.449
5	221			50	50														6.763
6	222			30	30														6.161
7	223			20	20														6.552
8	224			10	10														6.960
9	225			0	0			✓											6.992
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY:  
CHECKED BY:

Bottom Depth: 124.

Cast # down:  
Cast # up:

Time LOC UTC  
Begin: 0338  
Bottom:  
End:

START POSITION (GPS)  
LAT: 4915.06  
LONG: 12643.72

BOTTOM POSITION (GPS)  
LAT:  
LONG:

END POSITION (GPS)  
LAT:  
LONG:

Comments:



ROSETTE LOG

MISSION ID: 2000-06  
STATION NAME: LG06

UTC DATE y/m/d: 2000/05/22  
CAST NUMBER: 91

SHIP: J.P. Tully

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

ROSETTE OPERATION		Samples taken										
Trip	Confirmed	SAL		NUT		ALK		TCO				
pressure	Salinity	OXY		CHL		C13						

*Recast*

1	226			866	911	✓															1.277		
2	227			800		✓																2.246	
3	228			600		✓																3.359	
4	229			500		✓																4.621	
5	230			400		✓																5.1028	
6	231			300		✓																6.1.610	<i>check</i>
7	232			250		✓																7.1.963	
8	233			200		✓																8.2.461	
9	234			175		✓																9.2.834	
10	235			150		✓																10.3.096	
11	236			125		✓																11.3.698	<i>check</i>
12	237			100		✓																12.5.165	
13	238			75		✓																13.5.823	
14	239			50		✓																14.6.886	
15	240			30		✓																15.6.956	
16	241	1337		20		✓																16.7.003	<i>check</i>
17	242			10		✓																17.6.997	
18	243			0		✓																	
19																							
20																							
21																							
22																							
23																							
24																							

ENTERED BY:  
CHECKED BY:

Bottom Depth: 900

Cast # down: 91  
Cast # up: 91

Time	LOC	UTC
Begin:		0642
Bottom:		0702
End:		0733

START POSITION (GPS)

LAT: 49° 03.65'

LONG: 127° 01.11'

BOTTOM POSITION (GPS)

LAT: 49° 03.98'

LONG: 127° 01.06'

END POSITION (GPS)

LAT: 49° 04.43'

LONG: 127° 00.21'

*missed surface bottle*

Comments:

*flask 1337 in volume file = 133,53*

# ROSETTE LOG

MISSION ID: 00-06

UTC DATE y/m/d: 2000/05/23

SHIP: Tully

STATION NAME: LK02

CAST NUMBER: 102

Niskin No.	Sample No.	OXY. Flask	OXY. Temp	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
							OXY		CHI		CI3							
1	251	1291		Botl-5	46			✓							.002		6.20	check
2	252			50	50												6.08	
3	253			30	30										an bubble		6.29	poor
4	254			20	20												6.68	
5	255			10	10												6.87	
6	256			0	0			✓									6.90	
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: FL  
 CHECKED BY:

Bottom Depth: 67

Cast # down:  
 Cast # up:

Time    LOC    UTC  
 Begin:            2116  
 Bottom:  
 End:

START POSITION (GPS)  
 LAT: 49 53 97  
 LONG: 127 21 68

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: LK04

UTC DATE y/m/d: 2000/05/23  
 CAST NUMBER: 104

SHIP: TULLY

Niskin No	Sample No	OXY. Flask	OXY. Temp	Sample Depth	ROSETTE OPERATION		Samples taken										new oxy program						
					Trip pressure	Confirmed Salinity	SAL	OXY	NUT	CHI	ALK	TCO	CI3										
1	257	1097		30.5		✓																2.35	
2	258			100		✓																	2.73
3	259			75		✓																	4.02
4	260			50		✓																	5.51
5	261			30		✓																	6.42
6	262			20		✓																	6.89
7	263			10		✓																	7.34
8	264			0		✓																	7.27
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							
18																							
19																							
20																							
21																							
22																							
23																							
24																							

ENTERED BY: JE  
 CHECKED BY:

Bottom Depth: 134

Cast # down:  
 Cast # up:

Time	LOC	UTC
Begin:		<u>2301</u>
Bottom:		
End:		

START POSITION (GPS)  
 LAT: 49 46.97  
 LONG: 127 33.56

BOTTOM POSITION (GPS)  
 LAT:  
 LONG:

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

**ROSETTE LOG**

MISSION ID: 2000-06  
 STATION NAME: LKø6

UTC DATE y/m/d: 2000/05/24  
 CAST NUMBER: 106

SHIP: TULLY

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

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken																	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO											
							OXY	CHI	CI3															
1	265	1322		1031	Bot-5	✓		✓	✓														29	
2	266	1323			800	✓		✓															26	
3	267	-			600	✓		✓															39	
4	268				500	✓																	62	
5	269				400	✓																	1.01	
6	270				300	✓																	1.69	
7	271				250	✓																	2.06	
8	272				200	✓																	2.47	
9	273				175	✓																	2.71	
10	274				150	✓																	2.89	
11	275				125	✓																	2.98	
12	276				100	✓																	3.99	
13	277				75	✓																	4.85	
14	278				50	✓																	6.58	
15	279				30	✓																	6.83	
16	280				20	✓																	6.72	
17	281				10	✓																	6.92	
18	282				0	✓																	7.17	
19																								
20																								
21																								
22																								
23																								
24																								

ENTERED BY: JE  
 CHECKED BY:

Bottom Depth: 1040

Cast # down: 106  
 Cast # up: 106

Time	LOC	UTC
Begin:		<u>0100</u>
Bottom:		<u>0115</u>
End:		<u>0144</u>

START POSITION (GPS)  
 LAT: 49° 39.46'  
 LONG: 127° 45.77'

BOTTOM POSITION (GPS)  
 LAT: 49° 39.47'  
 LONG: 127° 45.76'

END POSITION (GPS)  
 LAT: 49° 39.49'  
 LONG: 127° 46.15'

Comments:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# ROSETTE LOG

MISSION ID: 2000-01  
STATION NAME: LE07

UTC DATE y/m/d: 2000/05/24  
CAST NUMBER: 107

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	283	1352		B <sub>0</sub> -10	1755	✓	✓	✓														1.06	
2	284			1500		✓	✓	✓														.67	
3	285			1200		✓	✓	✓														.40	
4	286			1000		✓	✓	✓														.30	
5	287			800		✓																.25	
6	288			600		✓																.43	
7	289			500		✓																.66	
8	290			400		✓																1.13	
9	291			300		✓																1.82	
10	292			250		✓																2.26	
11	293			200		✓																2.78	
12	294			175		✓																3.18	
13	295			150		✓																3.44	
14	296			125		✓																3.87	
15	297			100		✓																5.45	
16	298			75		✓																6.85	
17	299			50		✓																7.02	
18	300			30		✓																6.98	
19	301			20		✓																6.94	
20	302			10		✓																7.10	
21	303			0		✓																7.12	
22																							
23																							
24																							

ENTERED BY: JE  
CHECKED BY:

Bottom Depth: 1740

Cast # down: 107  
Cast # up: 107

Time	LOC	UTC
Begin:		<u>0229</u>
Bottom:		<u>0258</u>
End:		

START POSITION (GPS)  
LAT:  
LONG:

BOTTOM POSITION (GPS)  
LAT: 49° 35.70  
LONG: 127° 52.39

END POSITION (GPS)  
LAT: 48° 36.09 N  
LONG: 127° 53.33 W

Comments: 1 - 15 new, 104 & 107  
60 - 67 old

ROSETTE LOG

MISSION ID: 2000-06  
 STATION NAME: L302

UTC DATE y/m/d: 2000/05/24  
 CAST NUMBER: 110

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken												TEMP	
					Trip pressure	Confirmed Salinity	SAL	OXY	NUT	CHL	ALK	TCO								
1	309	1291		B0.5	75	✓														
2	310			50		✓														5.35
3	311	-		30		✓														6.50
4	312			20		✓														563
5	313			10		✓														6.17
6	314			0	2.0	✓														6.78
7																				6.99
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: JE  
 CHECKED BY:

Bottom Depth: 83

Cast # down: 110

Cast # up: 110

Time	LOC	UTC
Begin:		<u>10:19</u>
Bottom:		<u>10:23</u>
End:		<u>10:30</u>

START POSITION (GPS)  
 LAT: 49 42, 60  
 LONG: 127 05, 33

BOTTOM POSITION (GPS)  
 LAT: 49 42 61  
 LONG: 127 05, 30

END POSITION (GPS)  
 LAT:  
 LONG:

Comments:

# ROSETTE LOG

MISSION ID: 2000-06

UTC DATE y/m/d: 2000/05/24

SHIP: TULLY

STATION NAME: L501

CAST NUMBER: 111

ENTERED BY: JE

CHECKED BY:

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	315			0-5	57	✓												5.92
2	316			50		✓												5.80
3	317			30		✓												5.86
4	318			20		✓												6.37
5	319			10		✓												6.81
6	320			0		✓												6.95
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Bottom Depth: 63

Cast # down: 111

Cast # up: 111

Time	LOC	UTC
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Begin: 1057

Bottom: 1059

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 44.34

LONG: 127 02.56

END POSITION (GPS)

LAT:

LONG:

Comments:

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