

ROSETTE LOG

MISSION ID: 2005-02

STATION: Bio

CAST NUMBER: G0FL0 001

UTC DATE (dd/mm/yyyy): 02/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3							
							OXY			ALK		CHL		PP					
1	19			43				✓✓				✓		✓					
2	20			30				✓✓				✓		✓					
3	21			20				✓✓				✓		✓					
4	22			12				✓✓				✓		✓					
5	23			5				✓✓				✓		✓					
6	24			0				✓✓				✓		✓					
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP: TULLY
 ENTERED BY: JE
 CHECKED BY:

Bottom Depth: 434

Cast # down: 001
 Cast # up: 001

Time	LOC	UTC
Begin:		1510
Bottom:		
End:		1556

START POSITION (GPS)
 LAT: 48 31.8
 LONG: 126 11.3

BOTTOM POSITION (GPS)
 LAT:
 LONG:

END POSITION (GPS)
 LAT: 48 31.8
 LONG: 126 11.3

Comments:

ROSETTE LOG

MISSION ID: 2005-02

STATION: BT01

CAST NUMBER: 003

UTC DATE (dd/mm/yyyy): 02/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CHL	CDOM	HPIC	PVI	SF5	SF20			
1	1	364	1.042	Bot-10	454	X													
2	2	535	2.347	300	298	X													
3	3	572	2.460	250		X													
4	4	657	2.709	175		X													
5	5	1212	3.087	150	151				XXX				XX						
6	6	708	3.355	125															
7	7	709	4.293	100	98														
8	8	715	5.253	75	73				XX										
9	9	727	6.615	50		X			XX				XX	XX					
10	10	1105	6.685	30					XX				XX						
11	11	1110	6.709	25									XX	XX	XX	XX	XX		
12	12	1126	6.714	20					XX										
13	13			20	19														
14	14	1128	6.724	15		X	X						XX						
15	15	1130	6.744	10		X	X						XX	XX	XX	XX	XX		
16	16	1134	6.733	5			X		XX										
17	17	1135		5															
18	18	1135	6.729	0				X					XX						
19																			
20																			
21																			
22																			
23																			
24																			

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 465

Cast # down: 003

Cast # up: 003

Time LOC UTC

Begin: 2016

Bottom: 2023

End:

START POSITION (GPS)

LAT: 48 31.50

LONG: 126 11.36

BOTTOM POSITION (GPS)

LAT: 48 31.53

LONG: 126 11.41

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 2005-02

STATION: LC08

CAST NUMBER: 7

UTC DATE (dd/mm/yyyy):

03/03/2005

MISSION ID: 2005-02				STATION: 6000		Samples taken													
Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		SAL	OXY	NUT	TCO	ALK	C13	CHL	NH4	SP4	HAC	CDOM			
				Sample Depth	Confirmed pressure														
1	25	1175	2.723	6-10	✓	192	XX	X	XX										
2	26	1176	2.730	175	✓														
3	27	1138	2.881	150	✓														
4	28	1142	3.418	125	✓														
5	29	1146	4.010	100	✓														
6	30	1158	4.412	75	✓														
7	31	1136	5.901	50	✓														
8	32	1137	6.642	30	✓														
9	33	1188	6.633	25	✓														
10	34	1192	6.674	20	✓														
11	35			20	✓														
12	36	1195	6.698	15	✓			X											
13	37	1206	6.735	10	✓			X											
14	38	1345	6.706	5	✓			X											
15	39			5	✓														
16	40	1344	6.702	0	✓			X	XX										
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 203

Cast # down: 7

Cast # up: 7

Time LOC UTC

Begin: 0015

Bottom: 0019

End: 0037

START POSITION (GPS)

LAT: 48 29.37

LONG: 126 07.40

BOTTOM POSITION (GPS)

LAT: 48 29.35

LONG: 126 07.40

END POSITION (GPS)

LAT: 48 29.30

LONG: 126 07.30

ROSETTE LOG

MISSION ID: 2005-02

STATION: LC06

CAST NUMBER: 9

UTC DATE (dd/mm/yyyy): 03/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL	NH4	CO2	NO3	PO4	ph	
1	41	1216	3.847	Dotl-10	85	X		XX										
2	42	1223	3.845	75		X							XXX					
3	43	1225	6.332	50									XX	XX	X			? Very high
4	44	1228	6.894	30														(tapped up sod. thio) x*
5	45	1231	6.912	25														
6	46	1233	6.397	20										XX	X			bad curve -
7	47			20														
8	48	1235	3.358x	15				X	XX									bad curve -
9	49	1237	5.437	10	7.802			X	XX					XX				bad curve -
10	50	1238	5.007	5	7.786			X	XX					XX	X			bad curve -
11	51			5														bad curve -
12	52	1241	4.855	0	6.967			X	XX									bad curve -
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: Bubbles in system removed prior to sample 52.

03/03 S.T. - Tapped up Sodium Thio but solution in bottle went cloudy? Bad Reagent! Samples 48(+49) ruined

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 93

Cast # down: 9

Cast # up: 9

Time LOC UTC

Begin: 0248

Bottom: 0252

End: 0303

START POSITION (GPS)

LAT: 48 36.82

LONG: 125 54.09

BOTTOM POSITION (GPS)

LAT: 48 36.81

LONG: 125 54.08

END POSITION (GPS)

LAT: 48 36.81

LONG: 125 54.10

ROSETTE LOG

MISSION ID: 2005-02

STATION: LCO4

CAST NUMBER: 013

UTC DATE (dd/mm/yyyy):

03/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	✓	NUT	✓	TCO		CI3	✓	CDOM	✓	SFGL		
						✓	OXY	✓	NH4		ALK		CHL	✓	JFC	WMM	HPRC	
1	53	1247	3.260	80-10	✓	158	✓	✓	✓									
2	54	1248	3.143	150	✓	150												- odd value
3	55	1258	3.442	125	✓	124												
4	56	1260	3.555	100	✓	102												
5	57	1270	3.685	75	✓	75												
6	58	1279	4.842	50	✓	50								✓				add value - outlier
7	59	1280	4.741	30	✓	30								✓	✓			
8	60	1281	4.913	25	✓	24								✓				add sig value?
9	61	1284	4.831	20	✓	20		✓	✓	✓				✓	✓			(colour bulb burnt out)
10	62	1295	4.844	20	✓	20												tripped empty
11	63			15	✓	15		✓	✓					✓				
12	64	1335	4.833	10	✓	9		✓	✓	✓				✓	✓			
13	65	1336	4.814	5	✓	4		✓	✓	✓				✓	✓			
14	66	1337	4.871	5	✓	4												
15	67	1338	4.866	0	✓	2		✓	✓					✓				
16																		
17																		
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22																		
23																		
24																		

Comments:

(Apply new oxy standard)

Colourimeter bulb burnt out after Sample 61.
Replaced.

SHIP: TULLY

ENTERED BY: JE

CHECKED BY:

Bottom Depth: 168

Cast # down: 013

Cast # up: 013

Time	LOC	UTC
Begin:		<u>0525</u>
Bottom:		<u>0528</u>
End:		<u>0540</u>

START POSITION (GPS)	
LAT:	<u>48° 43.43</u>
LONG:	<u>125° 40.90</u>

BOTTOM POSITION (GPS)	
LAT:	<u>48° 43.44</u>
LONG:	<u>125° 40.92</u>

END POSITION (GPS)	
LAT:	<u>48° 43.36'</u>
LONG:	<u>125° 40.92'</u>

ROSETTE LOG

MISSION ID: 2605-02

STATION: LC02

CAST NUMBER: 015

UTC DATE (dd/mm/yyyy):

03/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	CDOM	HPLC	SFC				
1	68	1385	6.126	Bo-10	✓ 1.02	✓	✓	✓											
2	69	1386	6.345	75	✓ 74		✓	✓	✓						✓				
3	70	1389	6.304	50	✓ 49		✓	✓	✓				✓	✓					
4	71	1391	6.246	30	✓ 30		✓	✓	✓				✓	✓					
5	72	1393	6.620	25	✓ 25		✓	✓					✓	✓					# outliers?
6	73	1394	6.813	20	✓ 20		✓	✓	✓				✓	✓					- not here?
7	74	1395	6.101	20	✓ 20			✓					✓						
8	75	1397	6.101	15	✓ 14		✓	✓					✓						avg value
9	76	1398	6.555	10	✓ 10		✓	✓					✓	✓					
10	77	1399	6.206	5	✓ 5			✓	✓	✓					✓	✓			
11	78			5	✓ 5														
12	79	1400	6.323	0	✓ 3		✓	✓					✓						
13																			
14																			
15																			
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22																			
23																			
24																			

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 112

Cast # down: 015
Cast # up: 015

Time	LOC	UTC
Begin:		0716
Bottom:		0719
End:		0727

START POSITION (GPS)
LAT: 48° 48.73'
LONG: 125° 31.05'

BOTTOM POSITION (GPS)
LAT: 48° 48.71'
LONG: 125° 31.10'

END POSITION (GPS)
LAT: 48° 48.71'
LONG: 125° 31.07'

Comments:

ROSETTE LOG

MISSION ID: 2005-02

STATION: LCB3

CAST NUMBER: 17

UTC DATE (dd/mm/yyyy):

03/03/2005

MISSION ID: 2005-02				STATION: 2005-02		SAMPLE NO. 2005-02																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												NH4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13		SF	SF	CDOM	HPLC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Comments:

SHIP: Tully

ENTERED BY: ST

CHECKED BY:

Bottom Depth: 120

Cast # down: 17

Cast # up:

Time LOC UTC

Begin: 1010

Bottom: 1012

End:

START POSITION (GPS)

LAT: 48°34'51"

LONG: 125°29'98"

BOTTOM POSITION (GPS)

LAT: 48°34'53"

LONG: 125°29'98"

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2005-02

STATION: LCB4

CAST NUMBER: 20

UTC DATE (dd/mm/yyyy):

03/03/2005

MISSION ID: 2005-01

STATION: 2005-01

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken														
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3		SF	SF	CDM	HPLC	NH4		
							OXY				ALK		CHL	5	20					
1	93	1346	4.555	10	71	X		XX										XXXX	Me Br	Zerord
2	94	1347	5.696	50									XX			XX		XX		colour
3	95	1349	6.244	30									XX							
4	96	1350	6.473	25									XX							
5	97	1351	6.745	20				↓	↓				XX			XX	XX			
6	98			20										XX	XX			XX		
7	99	1352	6.823	15				X	XX				XX							
8	100	1353	6.932	10				X	XX				XX							
9	101	1354	6.955	5				X	XX				XX				XX			
10	102			5										XX	XX			XX	XX	
11	103	1356	6.961	0				X	XX				XX							
12																				
13																				
14																				
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20																				
21																				
22																				
23																				
24																				

SHIP: Tully
ENTERED BY: ST
CHECKED BY:

Bottom Depth: 76

Cast # down: 20
Cast # up: 20

Time	LOC	UTC
Begin:		12:48
Bottom:		12:50
End:		13:00

START POSITION (GPS)
LAT: 48 32 02
LONG: 125 35 60

BOTTOM POSITION (GPS)
LAT: 48 32 05
LONG: 125 35 64

END POSITION (GPS)
LAT: 48 32 15
LONG: 125 35 81

Comments:

ROSETTE LOG

MISSION ID: 2005-02

STATION: LB08

CAST NUMBER: 21

UTC DATE (dd/mm/yyyy): 03/13/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL	CDOM	NH4	SF-5	SF-20			
1	104	1358	3.110	6-10	✓ 135	X	X	XX											
2	105	1360	3.238	125	✓														
3	106	1361	3.912	100	✓														
4	107	1362	5.233	75	✓										4				
5	108	1363	6.513	50	✓								XX	XX					
6	109	1364	6.632	30	✓							XX	XX	XX					
7	110	1366	6.738	25	✓														
8	111	1367	6.738	20	✓														
9	112			20	✓														
10	113	1368	6.792	15	✓														
11	114	1371	6.733	10	✓														
12	115	1373	6.700	5	✓														
13	116			5	✓														
14	117	1374	6.718	0	✓														
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 1145

Cast # down: 21

Cast # up: 21

Time LOC UTC

Begin: 1421

Bottom: 1424

End: 1436

START POSITION (GPS)

LAT: 48 25 30

LONG: 125 28 65

BOTTOM POSITION (GPS)

LAT: 48 25 30

LONG: 125 28 65

END POSITION (GPS)

LAT: 48 25 32

LONG: 125 28 53

Comments:

Samples were started to filter at 8:00 AM

Note - SF-20 in ~600m - concentrated samples

ROSETTE LOG

MISSION ID: 2005-02

STATION: LB06

CAST NUMBER: 23

UTC DATE (dd/mm/yyyy):

03/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL	SFC	CDOM	PE				
1	118	364	3.996	10	✓ 1.06	✓	✓	✓											
2	119	535	5.150	75	✓ 75			✓	✓	✓									
3	120	572	6.351	50	✓ 50			✓											
4	121	657	6.675	30	✓ 30			✓				✓							
5	122	722	6.671	25	✓ 25			✓				✓							
6	123	708	6.815	20	✓ 20			✓				✓							
7	124			20	✓ 20							✓	✓						
8	125	727	6.672	15	✓ 15			✓				✓							
9	126	709	6.765	10	✓ 10			✓				✓							
10	127	715	6.710	5	✓ 8			✓				✓							
11	128			5	✓ 8								✓	✓					
12	129	1105	6.672	0	✓ 1.7			✓	✓			✓							
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SHIP: TULLY
ENTERED BY: JC
CHECKED BY:

Bottom Depth: 116

Cast # down: 23

Cast # up: 23

Time	LOC	UTC
Begin:		1654
Bottom:		1658
End:		1707

START POSITION (GPS)
LAT: 48° 32.19
LONG: 125° 15.38BOTTOM POSITION (GPS)
LAT: 48° 32.19
LONG: 125° 15.40END POSITION (GPS)
LAT: 48° 32.21
LONG: 125° 15.52

ROSETTE LOG

MISSION ID: 2005-02

STATION: LBO4

CAST NUMBER: 25

UTC DATE (dd/mm/yyyy): 03/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL	SFC	HPK	CDOM				
1	130	1110	5.093	Bo-10	✓	100	✓	✓	✓										
2	131	1126	5.719	75	✓			✓		✓									
3	132	1128	6.449	50	✓			✓		✓									
4	133	1130	6.624	30	✓			✓		✓									
5	134	1134	6.667	25	✓			✓		✓									
6	135	1135	6.753	20	✓			✓		✓									
7	136	1175		20	✓			✓		✓									
8	137	1175	6.682	15	✓			✓		✓									
9	138	1176	6.724	10	✓			✓		✓									
10	139	1138	6.955	5	✓			✓		✓									
11	140			5	✓			✓		✓									
12	141	1142	6.742	0	✓			✓		✓									
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SHIP: TULLY
ENTERED BY: JE
CHECKED BY:

Bottom Depth: 103

Cast # down: 25
Cast # up: 25

Time	LOC	UTC
Begin:	1038	1838
Bottom:	1041	1841
End:	1051	1851

START POSITION (GPS)
LAT: 48 35 666
LONG: 125 08 827BOTTOM POSITION (GPS)
LAT: 48 35 716
LONG: 125 08 904END POSITION (GPS)
LAT: 48 35 797
LONG: 125 08 964

ROSETTE LOG

MISSION ID: 2005-02

STATION: LB02

CAST NUMBER: 27

UTC DATE (dd/mm/yyyy):

03/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL	SFC	HPLC	CDOM				
1	142	1146	6.439	Bo-10	✓ 51	✓	✓	✓								✓			
2	143	1158	6.392	30	✓		✓	✓	✓			✓				✓			
3	144	1136	6.536	25	✓		✓	✓				✓							
4	145	1137	6.493	20	✓		✓	✓	✓			✓				✓			
5	146			20	✓								✓	✓					
6	147	1168	6.832	15	✓		✓	✓				✓							
7	148	1192	6.851	10	✓		✓	✓				✓							
8	149	1195	6.880	5	✓		✓	✓	✓			✓				✓			
9	150			5	✓								✓	✓					
10	151			0			✓	✓				✓							didn't close (but was fired)
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SFC; HPLC NOT TAKEN (BOTTLES MISSED)

SHIP: Tully
ENTERED BY: ST
CHECKED BY:

Bottom Depth: 57

Cast # down: 27

Cast # up:

Time	LOC	UTC
Begin:		20 26
Bottom:		20 28
End:		

START POSITION (GPS)
LAT: 48° 39' 03"
LONG: 125° 02' 53"

BOTTOM POSITION (GPS)
LAT: 48° 39' 02"
LONG: 125° 02' 56"

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2005-02

STATION: 75

CAST NUMBER: 29

UTC DATE (dd/mm/yyyy): 04/03/2005

				ROSETTE OPERATION		Samples taken													
Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3		SFC	HILC				
							OXY		NH4		ALK		CHL	5/20		CDom	Phy		
1	152	1375	3.306	BOT-10	✓ 220	✓	✓	✓											
2	153	1376	3.270	200	✓		✓	✓											
3	154	1378	3.129	175	✓		✓	✓											
4	155			150	✓ 146		✗	✓	✓							✓			
5	156	1379	4.881	125	✓		✓	✓											
6	157			100	✓		✗	✓											
7	158	1380	4.977	75	✓		✓	✓	✓										
8	159			50	✓		✗	✓	✓							✓			
9	160	1381	6.815	30	✓		✓	✓	✓					✓		✓		(2 but high)	
10	161			25	✓		✗	✓						✓					
11	162	1382	6.638	20	✓ 19		✓	✓	✓					✓	✓		✓		
12	163			20	✓ 19		✗									✓	✓	xxx	
13	164			15	✓		✗	✓						✓					
14	165	1383	6.724	10	✓		✓	✓						✓					
15	166			5	✓		✗	✓	✓					✓	✓	✓	✓		
16	167	1384	6.871	5	✓										✓		✓	xxx	
17	168			0	✓		✗	✓						✓					
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments: Ran out of oxy flask so only did a few samples. S.T.

SHIP: TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth: 229

Cast # down: 29
Cast # up:

Time	LOC	UTC
Begin:		23 38
Bottom:		23 42
End:		

START POSITION (GPS)
LAT: 48° 28.09
LONG: 124° 32.92

BOTTOM POSITION (GPS)
LAT: 48° 28.11
LONG: 124° 32.90

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2005-02 STATION: JFD3 CAST NUMBER: 30 UTC DATE (dd/mm/yyyy): 03/3/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken													
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3		SFC	ATC				
							OXY		NH4		ALK		CHL	5	20	HPK	CDM		
1	169	1216	4.258	Bot-10	154	✓	✓	✓	✓								✓		
2	170	1223	4.380	125	123		✓	✓	✓										
3	171	1225	4.731	100	98		✓	✓	✓										
4	172	1228	4.817	75	73		✓	✓	✓								✓		
5	173	1231	4.777	50	50		✓	✓	✓								✓		
6	174	1233	5.031	30	28		✓	✓	✓				✓				✓		
7	175	1235	5.151	25	26		✓	✓	✓				✓				✓		
8	176	1237	5.664	20	20		✓	✓	✓				✓	✓	✓		✓	✓	
9	177			20	20								✓				✓	✓	
10	178	1238	5.488	15	15		✓	✓	✓				✓						
11	179	1241	5.570	10	10		✓	✓	✓				✓	✓	✓		✓		
12	180	1247	5.622	5	5	✓	✓	✓	✓								✓	✓	
13	181			5	5													✓	
14	182	1248	5.566	0	3		✓	✓	✓				✓						
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 166

Cast # down: 30

Cast # up: 30

Time	LOC	UTC
Begin:		0230
Bottom:		0235
End:		0250

START POSITION (GPS)

LAT: 48 19.69

LONG: 124 00.01

BOTTOM POSITION (GPS)

LAT: 48 19.70

LONG: 124 00.04

END POSITION (GPS)

LAT: 48 19.68

LONG: 124 00.60

ROSETTE LOG

MISSION ID: 2003-02

STATION: B102

CAST NUMBER: 31

UTC DATE (dd/mm/yyyy):

04/03/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	✓	NUT	NHA	TCO		CI3	✓	CDOM		HPLC		
						✓	OXY	✓	✓		ALK		CHL		SFC		Pys	
1	183	1258	3.158	80-10	✓ 262	✓	✓	✓										
2	184	1260	3.475	200	✓ 200													
3	185	1270	3.876	175	✓ 175													
4	186	1279	4.558	150	✓ 149				✓					✓				
5	187	1280	5.025	125	✓ 124													
6	188	1281	4.878	100	✓ 99													
7	189	1284	4.919	75	✓ 74													
8	190	1295	5.153	50	✓ 49									✓				
9	191	1334	4.881	30	✓ 29								✓	✓				
10	192	1335	4.887	25	✓ 24													
11	193	1336	5.329	20	✓ 19		✓	✓	✓					✓	✓	✓		✓
12	194			20	✓ 19											✓		
13	195	1337	5.767	15	✓ 15		✓	✓						✓				
14	196	1338	5.600	10	✓ 10													
15	197	1341	6.571	5	✓ 5		✓	✓	✓					✓	✓	✓		✓
16	198			5	✓ 5											✓		✓
17	199	1342	7.161	0	✓ 2.4		✓	✓					✓					
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY: JE

CHECKED BY:

Bottom Depth: 271

Cast # down: 31

Cast # up: 31

Time LOC UTC

Begin: 1610

Bottom: 1614

End: 1628

START POSITION (GPS)

LAT: 49 00.47

LONG: 123 23.11

BOTTOM POSITION (GPS)

LAT: 49 00.47

LONG: 123 23.10

END POSITION (GPS)

LAT: 49 00.48

LONG: 123 23.17