

ROSETTE LOG

MISSION ID: 2005-11

STATION: SIO3

CAST NUMBER: 1

UTC DATE (dd/mm/yyyy):

25/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	NH4	TCO	ALK	Cl3	CHL					
1	1	1327	0.058	Bot -10	208	✓	✓	✓										H ₂ S
2	2	1329	0.000	200	200		✓	✓										H ₂ S
3	3	1331	0.023	175	175		✓	✓										H ₂ S
4	4	1332	0.069	150	150		✓	✓										H ₂ S
5	5	1333	0.039	125	125		✓	✓										faint H ₂ S
6	6	1435	0.117	100	100		✓	✓										faint H ₂ S
7	7	1438	3.045	75	75		✓	✓										1435 invalid flask no entered 1335
8	8	1439	4.177	50	50		✓	✓										1438 → 1338 1439 → 1339
9	9	1440	4.432	30	30		✓	✓										1440 → 1340
10	10	1441	4.342	20	20		✓	✓	✓		✓		✓					1441 → 1341
11	11	1442	4.920	10	10		✓	✓	✓		✓		✓					1442 → 1342
12	12	1443	5.612	5	5	✓	✓	✓	✓		✓		✓					1443 → 1343
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 223

Cast # down: 1

Cast # up: 1

Time

LOC

UTC

Begin: 0200

Bottom: 0207

End: 0222

START POSITION (GPS)

LAT: 48 35.97

LONG: 123 29.81

BOTTOM POSITION (GPS)

LAT: 48 35.98

LONG: 123 29.84

END POSITION (GPS)

LAT: 48 36.00

LONG: 123 29.81

ROSETTE LOG

MISSION ID: 2005-11 STATION: GIO2 CAST NUMBER: 3

UTC DATE (dd/mm/yyyy): 26/5/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL				
1	13	1385	2.962	131	Bot - 10											
2	14	1386	2.909	125	125											
3	15	1389	3.562	101	100											
4	16	1391	4.031	75	75											
5	17	1393	6.724	49	50											
6	18	1394	6.650	30	30											
7	19			20	20											Did not fire
8	20	1398	6.735	10	10											Analyzed out of order (44)
9	21	1399	6.724	5	5											
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 146

Cast # down: 3
Cast # up: 3

Time	LOC	UTC
Begin:		0020
Bottom:		0025
End:		0037

START POSITION (GPS)
LAT: 51 30.21
LONG: 129 37.59

BOTTOM POSITION (GPS)
LAT: 51 30.10
LONG: 129 37.60

END POSITION (GPS)
LAT: 51 29.91
LONG: 129 37.5

Comments: white N2O3 Rack #7 did not fire; will adjust bottle height

ROSETTE LOG

MISSION ID: 2005-11 STATION: CS09 CAST NUMBER: 9 UTC DATE (dd/mm/yyyy): 27/5/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL						
1	22	1400	2.435	8-10	✓ 190		✓	✓										Bubble 1400 invalid >1300
2	23	1402	2.453	175	✓ 175	✓	✓	✓										1402 > 1302
3	24	1403	3.147	150	✓ 150		✓	✓										1403 > 1303
4	25	1404	4.025	125	✓ 125		✓	✓										1404 > 1304
5	26	1406	4.830	100	✓ 100		✓	✓										1410 > 1310
6	27	1410	6.058	75	✓ 74		✓	✓										
7	28	1411	6.326	50	✓ 50		✓	✓										
8	29	1136	6.269	30	✓ 29		✓	✓										
9	30	1137	6.425	20	✓ 20		✓	✓										
10	31	1424	7.743	10	✓ 9		✓	✓				✓	✓					1424 > 1324
11	32	1425	7.402	5	✓ 5	✓	✓	✓				✓	✓					small bubble 1425 > 1325
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY: [signature]
CHECKED BY:

Bottom Depth: 196

Cast # down: 9
Cast # up: 9

Time	LOC	UTC
Begin:	0234	0934
Bottom:	0239	0939
End:	0255	0955

START POSITION (GPS)
LAT: 51 12.464
LONG: 128 27.926

BOTTOM POSITION (GPS)
LAT: 51 12.457
LONG: 128 27.911

END POSITION (GPS)
LAT: 51 12.428
LONG: 128 27.958

Comments: Red Nut Rack

ROSETTE LOG

MISSION ID: 2005-11

STATION: CS07

CAST NUMBER: 16

UTC DATE (dd/mm/yyyy):

2005/5/27

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL	NH4					
1	33	1426	5.808	13-10	✓ 56			✓	✓									1426 7 1326 1426 in valve flask
2	34	1427	6.335	50	✓ 50	✓		✓	✓									sm bubble
3	35			50	✓ 50													AKASH BOT
4	36	1428	6.278	30	✓ 30			✓	✓									sm bubble
5	37			30	✓ 30													AKASH BOT
6	38	1429	6.571	20	✓ 20			✓	✓			✓	✓					sm bubble
7	39			10	✓ 10	✓		✓	✓			✓	✓					Did not trip
8	40	1430	7.176	10	✓ 10													AKASH BOT
9	41	1431	7.153	5	✓ 5			✓	✓			✓	✓					
10	42			5	✓ 5													AKASH BOT
11																		
12																		
13																		
14																		
15																		
16																		
17																		
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19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 65

Cast # down: 16
Cast # up: 16

Time	LOC	UTC
Begin:		1317
Bottom:		1319
End:		1327

START POSITION (GPS)
LAT: 51 04 40
LONG: 128 44 10

BOTTOM POSITION (GPS)
LAT: 51 04 36
LONG: 128 44 10

END POSITION (GPS)
LAT: 51 04 34
LONG: 128 44 09

Comments: Note: 7 did not trip. All 10 m samples taken from Nisk 8. Rinsed latch assembly, shortened Nisk 7 lanyard

ROSETTE LOG

MISSION ID: 2005-11

STATION: C905

CAST NUMBER: 20

UTC DATE (dd/mm/yyyy):

27 05 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	NH4					
1	43	364	2.805	Bot-10	✓	55												didn't titrate to end point ^{bad sample}
2	44	1212	6.049	50	✓													
3	45	1206	6.339	30	✓													
4	46	572	6.809	20	✓													
5	47	657	7.606	10	✓													
6	48	708	7.595	5														
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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22																		
23																		
24																		

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 63/55

Cast # down: 20

Cast # up: 20

Time LOC UTC

Begin: 0845 1545

Bottom: 0847 1547

End: 0855 1555

START POSITION (GPS)

LAT: 50 55 96

LONG: 128 59 96

BOTTOM POSITION (GPS)

LAT: 50 55 94

LONG: 128 59 95

END POSITION (GPS)

LAT: 50 55 98

LONG: 128 59 91

Comments:

ROSETTE LOG

MISSION ID: 2005-11 STATION: CS3 CAST NUMBER: 24 UTC DATE (dd/mm/yyyy): 27/5/05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL						
1	49	709	2.068	B-10	✓ 225	✓												
2	50	715	2.608	175	✓ 175													
3	51	727	2.773	150	✓ 151													
4	52	1105	3.624	125	✓ 125													
5	53	1110	4.388	100	✓ 99	✓												
6	54	1126	6.060	75	✓ 74													
7	55	1128	6.380	50	✓ 49			✓										extra acid added.
8	56	1130	6.339	30	✓ 30													
9	57	1134	6.599	20	✓ 20							/	/					
10	58	1135	6.980	10	✓ 10							/	/					
11	59			5	✓ 6			✓	✓			/	/					NO SAMPLE
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY: 24
CHECKED BY:

Bottom Depth: 240

Cast # down: 24
Cast # up: 24

Time	LOC	UTC
Begin:	1207	1907
Bottom:	1213	1913
End:	1231	1931

START POSITION (GPS)
LAT: 50 45 57.1
LONG: 129 20.125

BOTTOM POSITION (GPS)
LAT: 50 45 57.1
LONG: 129 20.328

END POSITION (GPS)
LAT: 50 45 49.4
LONG: 129 20.460

Comments: Bottle 11 tripped but empty
Analyst: Doug Moore
Forgot to change station data / Sta data from cast 20
bgm 2001 rosette.xls

ROSETTE LOG

MISSION ID: 2005-11

STATION: CS01

CAST NUMBER: 31

UTC DATE (dd/mm/yyyy):

28/05/2005

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	Wendy	Harve				
1	60			2000	✓ 2000	24													
2	61			2000	✓ 1999														
3	62			2000	✓ 2000														
4	63	1138	1.374	2000	✓ 2000			X	X										
5	64	1142	0.669	1500	✓ 1500	✓													
6	65	1146	0.363	1200	✓ 1203														
7	66	1158	0.281	1000	✓ 1000														
8	67	1175	0.278	800	✓ 803														
9	68	1176	0.488	600	✓ 600														
10	69	1192	0.843	500	✓ 502														
11	70	1188	see below	400	✓ 401														
12	71	1195	2.312	300	✓ 300														
13	72	1344	3.131	250	✓ 250														
14	73	1333	?	200	✓ 200														
15	74	1332	4.372	175	✓ 176														
16	75	1331	5.201	150	✓ 149														
17	76	1327	4.654	125	✓ 126														
18	77	1329	4.776	100	✓ 100														
19	78	1317	5.494	75	✓ 75														
20	79	1321	6.626	50	✓ 50														
21	80	13435	6.605	30	✓ 32														
22	81	13438	6.563	20	✓ 19														
23	82	13439	6.176	10	✓ 10														
24	83	13440	6.113	5	✓ 5	✓	✓	✓											

SHIP:

ENTERED BY: DA

CHECKED BY:

Bottom Depth: 2110

Cast # down: 31

Cast # up: 31

Time LOC UTC

Begin: 0041

Bottom: 0114

End: 2005

START POSITION (GPS)

LAT: 50 34 83

LONG: 129 41 29

BOTTOM POSITION (GPS)

LAT: 50 35 12

LONG: 129 41 09

END POSITION (GPS)

LAT: 50 35 47

LONG: 129 40 87

Comments: 70 1326 1.769 400 ?

Analyst: Doug Moore

Wrong station data for most of cast 31 / Stn data from cast 20

ROSETTE LOG

MISSION ID:

2005-11

STATION:

LBP7

CAST NUMBER:

32

UTC DATE (dd/mm/yyyy):

28/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT	TCO		C13					
						OXY		White	ALK		CHL	NH4				
1	84	264	.269	1000	✓ 1000	✓	✓	✓								
2	85	1212	.242	800	✓ 801											
3	86	1206	.444	600	✓ 599											
4	87	572	.700	500	✓ 497											
5	88	7657	1.222	400	✓ 400											
6	89	708	1.961	300	✓ 298											
7	90	709	2.473	250	✓ 249											
8	91	715	3.165	200	✓ 198			✓								
9	92	727	3.096	175	✓ 175											
10	93	1105	3.461	150	✓ 149											
11	94	1110	3.892	125	✓ 125											
12	95	1126	3.775	100	✓ 99											
13	96			75	✓ 75											
14	97	1130	6.487	50	✓ 49											
15	98	1134	6.279	30	✓ 30											
16	99	1135	6.605	20	✓ 21							✓	✓			
17	100	1138	6.753	10	✓ 10							✓	✓			
18	101	1142	6.950	5	✓ 6	✓	✓	✓				✓	✓			
19																
20																
21																
22																
23																
24																

SHIP: Tully
ENTERED BY: JH
CHECKED BY:

Bottom Depth: 2000+

Cast # down: 32
Cast # up: 32

Time	LOC	UTC
Begin:	0122	0822
Bottom:	0139	0839
End:	0215	0915

START POSITION (GPS)
LAT: 49 52.349
LONG: 128 11.296

BOTTOM POSITION (GPS)
LAT: 49 52.260
LONG: 128 11.340

END POSITION (GPS)
LAT: 49 52.230
LONG: 128 11.316

Comments:

White Mt Rack

ROSETTE LOG

MISSION ID: 2005-11

STATION: LBP5

CAST NUMBER: 35

Red Rack
UTC DATE (dd/mm/yyyy):

28/5/05

MISSION ID: 1003-11

STATION:

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken											
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3					
							OXY					ALK		CHL	NH4		
1	102	1256	0.376	1000	✓ 1000	✓	✓	✓									
2	103	1267	0.296	800	✓ 799												
3	104	1268	0.492	600	✓ 603												
4	105	1272	large bubble in flask	500	✓ 499												
5	106	1273	1.232	400	✓ 400												
6	107	1274	1.775?	300	✓ 297												Oxy. { some precip in O ₂ flask may be low? precip. - bad titration " " " added extra acid, OK
7	108	1276	0.683	250	✓ 253												
8	109	1278	1.013	200	✓ 205												
9	110	1300	2.151	175	✓ 177												
10	111	1301	2.391	150	✓ 150												
11	112	1302	3.119	125	✓ 125												
12	113	1304	2.967	100	✓ 100												
13	114	1305	4.047	75	✓ 76												
14	115	1306	6.405	50	✓ 52												
15	116	1307	6.471	30	✓ 31									✓	✓		
16	117	1309	6.616	20	✓ 20									✓	✓		
17	118	1310	6.693	10	✓ 10									✓	✓		
18	119	1311	6.714	5	✓ 5	✓	✓	✓									
19																	
20																	
21																	
22																	
23																	
24																	

6. current went past 800 m and returned to 800

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth: 1200?

Cast # down: 36
Cast # up: 36

Time	LOC	UTC
Begin:		1227
Bottom:		1251
End:		1330

START POSITION (GPS)
LAT: 49 59.99
LONG: 128 00.05

BOTTOM POSITION (GPS)
LAT: 49 59.99
LONG: 127 59.96

END POSITION (GPS)
LAT: 49 59.98
LONG: 127 59.91

Comments:

On upcast, went past 800 m and returned to 800
" " 600 m " " 600

ROSETTE LOG

MISSION ID:

2005-11

STATION:

LBP3

CAST NUMBER:

38

UTC DATE (dd/mm/yyyy):

28 05 2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		Cl3		CHL	NH4			
1	120	1313	2.601	Bot-10	✓ 160	✓												weird O2 profile? But titrations were OK. check vs STD cast?
2	121	1314	3.168	150	✓													
3	122	1315	2.464	125	✓													
4	123	1317	2.680	100	✓													
5	124	1318	4.059	75	✓													
6	125	1319	5.516	50	✓													
7	126	1321	6.316	30	✓													
8	127	1322	6.369	20	✓													
9	128	1323	6.974	10	✓													
10	129	1324	7.142	5	✓													
11																		
12																		
13																		
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20																		
21																		
22																		
23																		
24																		

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth:

168

Cast # down:

38

Cast # up:

38

Time LOC UTC

Begin: 0825 1525

Bottom: 0829 1529

End: 0843 1543

START POSITION (GPS)

LAT: 50 03 24

LONG: 127 55 58

BOTTOM POSITION (GPS)

LAT: 50 03 29

LONG: 127 55 58

END POSITION (GPS)

LAT: 50 03 23

LONG: 127 55 52

Comments:

ROSETTE LOG

MISSION ID: 2005-11 STATION: LGM CAST NUMBER: 42 UTC DATE (dd/mm/yyyy): 28/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken									
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	NH4		
1	130	364	5.976	Bot-10	47										
2	131	1212	5.866	5040	40	X									
3	132	1206	5.989	30	30			✓							
4	133	572	5.977	20	20							✓	✓✓		
5	134	657	6.285	10	10	X						✓	✓✓		
6	135	708	7.225	5	5			✓	✓			✓	✓✓		
7															
8															
9															
10															
11															
12															
13															
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22															
23															
24															

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 54

Cast # down: 42
Cast # up: 42

Time

LOC

UTC

Begin: 2304

Bottom: 2308

End: 2315

START POSITION (GPS)

LAT: 49 20 62

LONG: 126 35 35

BOTTOM POSITION (GPS)

LAT: 49 20 70

LONG: 126 35 47

END POSITION (GPS)

LAT: 49 20 81

LONG: 126 35 59

ROSETTE LOG

MISSION ID: 2005-11 STATION: LG02 CAST NUMBER: 43 UTC DATE (dd/mm/yyyy): 28/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	NH4					
1	136	709	4.114	50+10	90													
2	137	715	5.240	75	75	x												
3	138	727	6.111	50	50													
4	139	1105	6.279	30	30			x										
5	140	1110	6.478	20	20							✓	xx					
6	141	1126	7.845	10	10							✓	xx					
7	142	1128	7.831	5	5	x	✓	✓				✓	xx					
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 98

Cast # down: 43
Cast # up: 43

Time	LOC	UTC
Begin:		2349
Bottom:		2354
End:		0003

START POSITION (GPS)
LAT: 49 18 76
LONG: 126 38 19

BOTTOM POSITION (GPS)
LAT: 49 18 79
LONG: 126 38 23

END POSITION (GPS)
LAT: 49 18 83
LONG: 126 38 34

Comments:

ROSETTE LOG

MISSION ID: 2005-11 STATION: LCOH CAST NUMBER: 46 UTC DATE (dd/mm/yyyy): 29/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	NH4					
1	143	1130	3.197	Bot-10	✓ 135	✓												
2	144	1134	3.545	125	✓ 125													
3	145	1135	4.094	100	✓ 99													
4	146	1138	4.398	75	✓ 75													
5	147	1142	4.724	50	✓ 50													
6	148	1146	5.210	30	✓ 30							✓	✓					
7	149	1158	6.182	20	✓ 20							✓	✓					
8	150	1175	6.831	10	✓ 9							✓	✓					
9	151	1176	8.161	5	✓ 5	✓	✓	✓				✓	✓					
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY: DA
CHECKED BY:

Bottom Depth: 148

Cast # down: 46
Cast # up: 46

Time	LOC	UTC
Begin:		0236
Bottom:		0240
End:		0251

START POSITION (GPS)
LAT: 49 11.29
LONG: 126 49.39

BOTTOM POSITION (GPS)
LAT: 49 11.28
LONG: 126 49.39

END POSITION (GPS)
LAT: 49 11.25
LONG: 126 49.32

Comments:

ROSETTE LOG

MISSION ID: 2005-11 STATION: LG07 CAST NUMBER: 50 UTC DATE (dd/mm/yyyy): 29/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3		CHL				
1	152	1192	0.277	B-10	✓	1028												
2	153	1326	0.210	800	✓		✓											
3	154	1195	0.360	600	✓													
4	155	1344	0.617	500	✓													
5	156	1333	1.063	400	✓													
6	1567	1332	1.810	300	✓													
7	158	1331	2.262	250	✓			✓										
8	159	1256	2.529	200	✓	202												
9	160	1267	2.631	175	✓	176												
10	161	1268	2.959	150	✓	149												
11	162	1272	3.606	125	✓	124												
12	163	1273	3.675	100	✓	100												
13	164	1274	4.576	75	✓	74												
14	165	1276	6.035	50	✓	50												
15	166	1278	6.706	30	✓	30												
16	167	1300	6.785	20	✓	20								✓	✓			
17	168	1301	6.690	10	✓	10								✓	✓			
18	169	1302	6.672	5	✓	5	✓	✓	✓					✓	✓			
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: J. P. TULLY
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 50
Cast # up:

Time	LOC	UTC
Begin:	1110	0610
Bottom:	1130	0630
End:		0712

START POSITION (GPS)
LAT: 48 59 25
LONG: 127 07 21

BOTTOM POSITION (GPS)
LAT: 48 59 25
LONG: 127 07 17

END POSITION (GPS)
LAT: 48 59 35
LONG: 127 71 05

ROSETTE LOG

MISSION ID: 2005-11 STATION: L609 CAST NUMBER: 53 UTC DATE (dd/mm/yyyy): 29/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	Cl3	CHL	NH4			
1	170	1304	0.315	1000	✓ 1000											
2	171	1305	0.293	800	✓ 800	✓										
3	172	1306	0.417	600	✓ 600											
4	173	1307	0.737	500	✓ 500											
5	174	1309	1.155	400	✓ 400											
6	175	1310	1.710	300	✓ 300											BUBBLES AFTER ACID.
7	176	1311	2.092	250	✓ 250											
8	177	1313	2.682	200	✓ 200											
9	178	1314	2.993	175	✓ 175											
10	179	1315	3.266	150	✓ 150											
11	180	1317	3.800	125	✓ 125											
12	181	1318	3.892	100	✓ 100											
13	182	1319	5.229	75	✓ 75											
14	183	1321	6.661	50	✓ 48											
15	184	1322	6.674	30	✓ 29							✓	✓			
16	185	1323	6.699	20	✓ 20							✓	✓			
17	186			10	✓ 10							✓	✓			Did not trip
18	187	1325	6.578	5	✓ 5	✓										
19																
20																
21																
22																
23																
24																

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 53
Cast # up:

Time	LOC	UTC
Begin:	0313	1013
Bottom:	0328	1028
End:		1105

START POSITION (GPS)
LAT: 48 51.234
LONG: 127 19.457

BOTTOM POSITION (GPS)
LAT: 48 51.254
LONG: 127 19.393

END POSITION (GPS)
LAT: 48 51.241
LONG: 127 19.41

ROSETTE LOG

MISSION ID: 2005-11

STATION: LC11

CAST NUMBER: 60

UTC DATE (dd/mm/yyyy): 29/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT	TCO		C13							
						OXY	GREEN		ALK		CHL	NH4						
1	188	1385	0.315	1000	✓	1.001	✓							✓				
2	189	1386	0.237	800	✓	800								✓				
3	190	1389	0.407	600	✓	600								✓				
4	191	1391	0.719	500	✓	499								✓				
5	192	1393	1.080	400	✓	401								✓				
6	193	1394	1.618	300	✓	300								✓				
7	194	1397	2.005	250	✓	250								✓				
8	195	1398	2.776	200	✓	200												
9	196	1399	2.989	175	✓	175												
10	197	1400	3.209	150	✓	150												loose top
11	198	1402	3.232	125	✓	125												loose top
12	199	1403	3.917	100	✓	100												
13	200	1404	4.822	75	✓	75												
14	201	1406	6.661	50	✓	50												Wrong sample no. Entered sample no. 175
15	202	1410	7.026	30	✓	30								✓	✓			
16	203	1411	7.434	20	✓	20								✓	✓			
17	204	1136	6.955	10	✓	10								✓	✓			
18	205	1137	6.587	5	✓	5	✓	✓	✓					✓	✓			
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 1453

Cast # down: 60
Cast # up: 60

Time	LOC	UTC
Begin:	1157	1857
Bottom:	1215	1915
End:	1233	1953

START POSITION (GPS)
LAT: 48 18.852
LONG: 126 26.572

BOTTOM POSITION (GPS)
LAT: 48 18.900
LONG: 126 26.855

END POSITION (GPS)
LAT: 48 18.286
LONG: 126 27.653

Comments: GREEN NUT RACK

ROSETTE LOG

MISSION ID: 2005-11 STATION: LC09 CAST NUMBER: 61

UTC DATE (dd/mm/yyyy):

29/05/2005

MISSION ID: 2005-11				STATION: 4000		Samples taken													
Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		SAL	OXY	NUT	TCO	ALK	C13	CHL	NH4						
				Sample Depth	Confirmed pressure														
1	206	1424	0.427	B-10	✓	600	✓												
2	207	1425	0.414	600	✓	600													
3	208	1426	0.620	500	✓	504													
4	209	1427	1.157	400	✓	401													
5	210	1428	1.797	300	✓	301													
6	211	1429	2.117	250	✓	250													
7	212	1430	2.587	200	✓	199													
8	213	1431	2.489	175	✓	175													
9	214	1432	2.829	150	✓	150													
10	215	1433	2.951	125	✓	124		✓											
11	216	1434	3.357	100	✓	100													
12	217	1206	3.820	75	✓	74													
13	218	1212	5.263	50	✓	50													
14	219	364	6.179	30	✓	30													
15	220	572		20	✓	20						✓	✓	No Sample Loose cap/trouble					
16	221	657	8.447	10	✓	10						✓	✓						
17	222	708	7.019	5	✓	5	✓	✓				✓	✓						
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

orange rack for nut.

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 600Cast # down: 61Cast # up: 61

Time LOC UTC

Begin: 1427 2127Bottom: 1440 2140End: 2207

START POSITION (GPS)

LAT: 48 25.942LONG: 126 13.697

BOTTOM POSITION (GPS)

LAT: 48 26.114LONG: 126 13.757

END POSITION (GPS)

LAT: 48 26.369LONG: 126 13.802

ROSETTE LOG

MISSION ID: 2005-11

STATION: LCO7

CAST NUMBER: 70

UTC DATE (dd/mm/yyyy):

30/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
1	223	1256	2.185	Bot-10	✓													
2	224	1267	2.026	100	✓	✓												
3	225	1268	4.101	75	✓													
4	226	1272	5.707	50	✓													
5	227	1273	6.158	30	✓													
6	228	1274	7.092	20	✓													
7	229	1276	7.305	10	✓													
8	230	1278	7.040	5	✓	✓		✓		✓				✓		✓		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: red rack for nuts

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 123

Cast # down: 70

Cast # up:

Time LOC UTC

Begin: 0807 0307

Bottom: 0809 0309

End: 0319

START POSITION (GPS)

LAT: 48 32 96

LONG: 126 00 31

BOTTOM POSITION (GPS)

LAT: 48 32 98

LONG: 126 00 26

END POSITION (GPS)

LAT: 48 33 01

LONG: 126 00 15

NOTS WHITE RACK

ROSETTE LOG

MISSION ID: 2005-11

STATION: 404

CAST NUMBER: 75

UTC DATE (dd/mm/yyyy): 30/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	NH4					
1	231	1300	4.052	10T-10	✓	153												
2	232	1301	4.167	150	✓		✓											
3	233	1302	4.271	125	✓			✓										bubble
4	234	1188	4.473	100	✓													Loose cap / bubble
5	235	1305	5.398	75	✓													
6	236	1306	5.051	50	✓													
7	237	1307	5.465	30	✓							✓	✓					
8	238	1309	6.362	20	✓							✓	✓					bubble
9	239	1310	6.681	10	✓							✓	✓					bubble
10	240	1311	6.978	5	✓		✓	✓	✓									
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	1118	0618
Bottom:	1123	0623
End:	1137	0637

START POSITION (GPS)
LAT: 48 43 38
LONG: 125 40 80

BOTTOM POSITION (GPS)
LAT: 48 43 37
LONG: 125 40 76

END POSITION (GPS)
LAT: 48 43 31
LONG: 125 40 79

Comments:

ROSETTE LOG

MISSION ID: 2005-11 STATION: LC02 CAST NUMBER: 80 UTC DATE (dd/mm/yyyy): 30/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	NH4					
1	241	1313	4.337	BOT-10	✓ 100													Bubble/Loose Cap
2	242	1314	4.677	75	✓ 75	✓		✓										
3	243	1315	5.633	50	✓ 50													
4	244	1317	6.516	30	✓ 29							✓	✓					
5	245	1318	6.220	20	✓ 20							✓	✓					Titration failed @ 65.6%
6	246	1319	4.619	10	✓ 10							✓	✓					
7	247	1321	6.942	5	✓ 5	✓		✓				✓	✓					
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Tully
ENTERED BY: DY
CHECKED BY:

Bottom Depth: 110

Cast # down: 80
Cast # up: 80

Time	LOC	UTC
Begin:	0206	0906
Bottom:	0210	0910
End:		0917

START POSITION (GPS)
LAT: 48 48.708
LONG: 125 31.002

BOTTOM POSITION (GPS)
LAT: 48 48.719
LONG: 125 30.979

END POSITION (GPS)
LAT: 48 48.715
LONG: 125 30.938

Comments: Incinerator going during cast - not sure if it was still going during sampling

ROSETTE LOG

MISSION ID: 2005-11 STATION: C3 (LBA3) CAST NUMBER: 86 UTC DATE (dd/mm/yyyy): 30/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL						
1	248	1206	2.213	0-10	✓ 1.1	✓	✓	✓										
2	249	1212	2.338	100	✓	✓												
3	250	364	3.868	75	✓													
4	251	572	4.464	50	✓													
5	252	657	5.029	30	✓			✓				✓	✓					
6	253	708	5.109	20	✓			✓				✓	✓					
7	254	709	6.403	10	✓	✓	✓	✓				✓	✓					
8	255	715	6.659	5	✓	✓	✓	✓				✓	✓					
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 124

Cast # down:
Cast # up:

TimeLOCUTC

Begin: 08291529

Bottom: 08311531

End: 08411541

START POSITION (GPS)

LAT: 48 23 37

LONG: 125 20 79

BOTTOM POSITION (GPS)

LAT: 48 23 35

LONG: 125 20 77

END POSITION (GPS)

LAT: 48 23 34

LONG: 125 20 72

ROSETTE LOG

MISSION ID: 2005-11

STATION: C2/LBA2

CAST NUMBER: 93

UTC DATE (dd/mm/yyyy): 30.05.05

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	CI3	CHL						
1	256	727	2.322	10	✓ 140													
2	257	1105	2.792	75	✓ 78													
3	258	1110	3.741	50	✓ 50													
4	259	1126	4.112	30	✓ 30													
5	260	1128	4.609	20	✓ 19													
6	261	1130	5.681	10	✓ 9													
7	262			5	✓ 5													No Sample
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 149

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:	1942	
Bottom:	1947	
End:	1956	

START POSITION (GPS)
LAT: 48 25.362
LONG: 125 8.012

BOTTOM POSITION (GPS)
LAT: 48 25.322
LONG: 125 8.132

END POSITION (GPS)
LAT: 48 25.25
LONG: 125 8.252

Comments: