

ROSETTE LOG

MISSION ID: 2005-09 STATION: Kn 5 CAST NUMBER: 2 UTC DATE (dd/mm/yyyy): 2005/05/24/26

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												(NEW STANDARD APPLIED) UPDATED OXY VALUES
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		CI3						
							OXY			ALK		CHL						
1	001	1346	3.251	6-5	✓ 366	X	X	XX										3127 ml/l
2	002	1347	3.168	300	✓	X												3.047
3	003	1349	3.365	250	✓													3.236
4	004	1350	3.778	200	✓ 220													3.634
5	005	1351	4.009	175	✓ 200													3.855
6	006	1352	4.110	150	✓ 175													3.952
7	007	1353	4.376	125	✓ 150													4.208
8	008	1354	4.471	100	✓ 125													4.299
9	009	1356	4.635	75	✓ 100													4.457
10	010	1358	4.851	50	✓ 75													4.665
11	011	1360	4.933	30	✓ 50													4.743
12	012	1361	5.072	20	✓ 30													4.877
13	013	1362	5.515	10	✓ 20													5.303
14	014	1363	6.399	5	✓ 10													6.153
15	015	1364	7.371	0	✓ 5													7.087
16	016	1366	8.001		0													7.692
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY: ST
CHECKED BY:

Bottom Depth: 372

Cast # down: 2
Cast # up:

Time	LOC	UTC
Begin:		0030
Bottom:		0039
End:		

START POSITION (GPS)
LAT: 50°41.58
LONG: 125°47.08

BOTTOM POSITION (GPS)
LAT: 50°40.60
LONG: 125°47.25

END POSITION (GPS)
LAT:
LONG:

E-bottle #'s
didn't match -
look an extra
somewhere? yes,
at 2259

ROSETTE LOG

MISSION ID: Vector STATION: KN8 CAST NUMBER: 5 UTC DATE (dd/mm/yyyy): 26/05/2005

				ROSETTE OPERATION		Samples taken													
Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13							
							OXY				ALK		CHL		OXA VALUES WITH UPDATED STD				
1	17	1346	2.983	B-5	✓ 485	x	x	xx										2869	
2	18	1347	2.955	400	✓	x												2842	
3	19	1349	3.245	300	✓ 301	*												3121	
4	20	1350	3.295	250	✓ 251													3169	
5	21	1351	3.420	200	✓ 201													3289	
6	22	1352	3.620	175	✓ 175													3482	
7	23	1353	3.962	150	✓ 150													3810	
8	24	1354	4.417	125	✓ 125													4248	
9	25	1356	4.529	100	✓ 100													4355	
10	26	1358	4.605	75	✓ 75													4428	
11	27	1360	4.688	50	✓ 50													4508	
12	28	1361	4.863	30	✓ 30													4676	
13	29	1362	5.131	20	✓ 20													4934	
14	30	1363		10	✓ 10													4689 (4.269 + 0.606)	
15	31	1364	5.884	5	✓ ✓													5658 a piece of debris	
16	32	1366	8.435	0	✓			↓ ↓										8110 in sample caused	
17																		titration to abort	
18																		(next titration =	
19																		Sample 300)	
20																			
21																			
22																			
23																			
24																			

SHIP: Vector
ENTERED BY: ST
CHECKED BY:

Bottom Depth: 491

Cast # down: 5
Cast # up:

Time	LOC	UTC
Begin:		<u>0544</u>
Bottom:		<u>0556</u>
End:		

START POSITION (GPS)
LAT: 50°52'27
LONG: 125°38'76

BOTTOM POSITION (GPS)
LAT: 50°52'16
LONG: 125°39'03

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2005-09 STATION: KN2 CAST NUMBER: 11 UTC DATE (dd/mm/yyyy): 28/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						UPDATED OXY VALUES
1	33	1346	5.589	6-5	✓ 173												5.374	(PROPER STANDARD APPLIED)
2	34	1347	5.268	150	✓ 152												5.066	
3	35	1349	5.243	125	✓												5.041	
4	36	1350	5.204	100	✓												5.004	
5	37	1351	4.961	75	✓												4.771	cleaned out bubbles
6	38	1352	5.089	50	✓												4.891	after sample 37)
7	39	1353	5.844	30	✓												5.619	
8	40	1354	5.820	20	✓												5.596	
9	41	1356	6.895	10	✓												6.629	
10	42	1358	8.800	5	✓												8.461	
11	43	1360	10.113	0	✓												9.724	weird curve
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR

ENTERED BY: ST

CHECKED BY:

Bottom Depth: 181

Cast # down: 11

Cast # up:

Time	LOC	UTC
Begin:		0716
Bottom:		0723
End:		

START POSITION (GPS)

LAT: 50 39 31

LONG: 126 10 85

BOTTOM POSITION (GPS)

LAT: 50 39 37

LONG: 126 10 56

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 2005-09 STATION: TRC 2.5 CAST NUMBER: 16 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				ALK		CHL					
1	44	1346	4.899	6-5	282	X	X	XX										(wrong sample # in comp + depth)
2	45	1347	4.849	250	250	X												
3	46	1349	4.878	200	200													
4	47	1350	4.924	175	175													
5	48	1351	4.963	150	150													
6	49	1352	5.043	125	125													
7	50	1353	5.159	100	100													
8	51	1354	5.364	75	75													
9	52	1356	5.492	50	50													
10	53	1358	5.659	30	30													
11	54	1360	5.879	20	20													
12	55	1361	7.756	10	10													
13	56	1362	8.051	5	5													
14	57	1363	8.351	0	0.8			✓	✓									
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY: ST
CHECKED BY:

Bottom Depth: 281

Cast # down: 16
Cast # up:

Time	LOC	UTC
Begin:		1219
Bottom:		1227
End:		

START POSITION (GPS)
LAT: 50 50.37
LONG: 126 19.64

BOTTOM POSITION (GPS)
LAT: 50 50.38
LONG: 126 19.58

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2005-09 STATION: KINO CAST NUMBER: 019 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						
1	58	1364	1.974	B-5	409	✓		✓	✓									
2	59	1366	2.022	300	300	✓												
3	60	1367	2.133	250	250													
4	61	1368	2.383	200	200													
5	62	1371	2.891	175	175													
6	63	1373	4.176	150	150													
7	64	1374	4.928	125	125													(Wrong depth in oxy file)
8	65	1375	5.048	100	100													
9	66	1376	5.230	75	75													
10	67	1378	4.794	50	50													
11	68	1379	5.212	30	30													
12	69	1380	5.400	20	20													
13	70	1381	5.884	10	10													
14	71	1382	7.453	5	5													
15	72	1383	9.517	0	0.88			*	*									
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Veeva
ENTERED BY: DJS
CHECKED BY:

Bottom Depth: 411

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1516
Bottom:		
End:		

START POSITION (GPS)
LAT: 50° 51.767
LONG: 126° 37.229

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2005-09 STATION: Kin/5 CAST NUMBER: 21 UTC DATE (dd/mm/yyyy): 28/05/2005

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	73	1463	2.016	B-5	472	✓	✓	✓										not pickled right away
2	74	1464	2.115	400	400	✓	1	1										
3	75	1465	2.019	300	300													
4	76	1466	2.245	250	250													
5	77	1467	2.527	200	200													
6	78	1468	2.823	175	176													
7	79	1470	4.447	150	150													
8	80	1471	4.117	125	125													
9	81	1486	4.372	100	100													
10	82	1473	4.101	75	75													
11	83	1474	4.509	50	50													
12	84	1475	5.049	30	30													
13	85	1476	5.475	20	20													
14	86	14787	5.843	10	10													
15	87	1478	8.273	5	5													
16	88	1479	8.366	0	0.9		✓	✓										
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY: DJS
CHECKED BY:

Bottom Depth: 476

Cast # down: 21
Cast # up:

Time	LOC	UTC
Begin:		16.57
Bottom:		17.04
End:		

START POSITION (GPS)
LAT: 50° 56.150
LONG: 126° 29.027

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2005-09 STATION: WP CAST NUMBER: 25 UTC DATE (dd/mm/yyyy): 28/05/2005

		ROSETTE OPERATION		Samples taken														
Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY			ALK		CHL						
1	89	1346	5.539	135	✓ 175			x	x4									
2	90	1347	5.588	150	✓													
3	91	1349	5.770	125	✓													
4	92	1350	5.853	100	✓													
5	93	1351	5.867	75	✓													
6	94	1352	5.874	50	✓													
7	95	1353	5.962	30	✓ 29													
8	96	1354	5.947	20	✓ 29													
9	97	1356	6.027	10	✓													
10	98	1358	6.252	5	✓													
11	99	1360	6.499	0	✓													
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY: DS
CHECKED BY: JT

Bottom Depth: 182

Cast # down: 25
Cast # up:

Time	LOC	UTC
Begin:		2251
Bottom:		2254
End:		

START POSITION (GPS)
LAT: 50°50'83"
LONG: 126°56'45"

BOTTOM POSITION (GPS)
LAT: 50°50'84"
LONG: 126°56'47"

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2005-09 STATION: QCS1 CAST NUMBER: 26 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						
1	100	1361	4.441	13.5	✓	152												
2	101	1362	4.586	125	✓	124												
3	102	1363	4.791	100	✓													
4	103	1364	4.902	75	✓													
5	104	1366	5.261	50	✓													
6	105	1367	5.528	30	✓													
7	106	1368	5.658	20	✓													
8	107			10	✓													
9	108	1373	5.725	5	✓													
10	109	1374	5.783	0	✓													
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY: DS
CHECKED BY: ST

Bottom Depth: 158

Cast # down: 26
Cast # up:

Time	LOC	UTC
Begin:		0035
Bottom:		0039
End:		

START POSITION (GPS)
LAT: 50° 40' 02"
LONG: 126° 46' 40"

BOTTOM POSITION (GPS)
LAT: 50° 40' 02"
LONG: 126° 46' 44"

END POSITION (GPS)
LAT:
LONG:

Comments: