

ROSETTE LOG

MISSION ID: 2007-26 STATION: SI CAST NUMBER: 1 UTC DATE (dd/mm/yyyy): 2/04/2007

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	1	715	5.612	20	20.0	X												
2	2	1105	5.983	10	9.6													
3	3	1146	8.010	5	5.0													
4	4	1267	9.337	surf	1.5													
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 175

Cast # down: 1
Cast # up: 1

Time	LOC	UTC
Begin:		1941
Bottom:		1946
End:		1951

START POSITION (GPS)
LAT: 48 39.18
LONG: 123 29 95

BOTTOM POSITION (GPS)
LAT: 48 39.17
LONG: 123 29 95

END POSITION (GPS)
LAT: 48 39.17
LONG: 123 29.95

Comments:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 59 CAST NUMBER: 2 UTC DATE (dd/mm/yyyy): 2/04/2007

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	5	1158	3.945	bot	✓ 225											
2	6	1175	4.370	200	✓											
3	7	1317	5.469	175	✓											
4	8	1322	4.625	150	✓											
5	9	1326	4.657	125	✓											
6	10	1351	4.878	100	✓			X								
7	11	1353	5.178	75	✓											
8	12	1361	5.400	50	✓											
9	13	1362	5.452	40	✓											
10	14	1363	5.656	30	✓							XX				
11	15	1364	5.811	20	✓							XX				
12	16	1367	7.539	10	✓							XX				
13	17	1256	5.882	5	✓											
14	18	1406	5.922	surf	✓							XX				
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

SHIP: Vector
ENTERED BY: JT
CHECKED BY:

Bottom Depth: 227

Cast # down: 2
Cast # up:

Time	LOC	UTC
Begin:		2146
Bottom:		2146
End:		2154

START POSITION (GPS)
LAT: 48° 37.81
LONG: 123° 14.54

BOTTOM POSITION (GPS)
LAT: 48° 37.83
LONG: 123° 14.52

END POSITION (GPS)
LAT: 48° 37.87
LONG: 123° 14.55

Comments:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 102 CAST NUMBER: 67 UTC DATE (dd/mm/yyyy): 03/04/2007

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	19	715	1.449	bot	✓ 250			X									
2	26	1105	1.503	200	✓	X	X	X									
3	21	1146	1.967 XP	175	✓			X									* (need to update blank/standard for sample 21) ST.
4	22	1267	1.936	175	✓												
5	23	1158	2.169 XP	150	✓			X									
6	24	1175	2.147	150	✓												
7	25	1317	2.365 XP	125	✓			X									
8	26	1322	2.358	125	✓												
9	27	1326	2.522 XP	100	✓			X									
10	28	1351	2.521	100	✓												
11	29	1358	3.124 XP	75	✓			X									
12	30	1361	3.147	75	✓												
13	31	1362	4.206 XP	50	✓			X									
14	32	1363	4.219	50	✓												
15	33	1364	4.376	40	✓			X									
16	34	1367	5.037	30	✓			X			XX						
17	35	1256	5.748	20	✓												
18	36	1406	6.015	10	✓												
19	37	1301	6.089	5	✓												
20	38	1305	6.058	1	✓												
21																	
22																	
23																	
24																	

SHIP: Vector
ENTERED BY: ST
CHECKED BY:

Bottom Depth: 256

Cast # down: 7
Cast # up:

Time	LOC	UTC
Begin:		0836
Bottom:		0838
End:		

START POSITION (GPS)
LAT: 48° 29.96
LONG: 124° 44.04

BOTTOM POSITION (GPS)
LAT: 48° 29.96
LONG: 124° 44.04

END POSITION (GPS)
LAT:
LONG:

Comments: Did oxy duplicates for Windows 98/XP comparisons.
Ⓢ changed time on oxy computer to reflect proper daylight savings time.

ROSETTE LOG

MISSION ID: 2007-26 STATION: 75 CAST NUMBER: 10 UTC DATE (dd/mm/yyyy): 31/4/2007

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	39	1424	1.504	bot	- 214		X	X										need to a oxy depth on dry compute)
2	40	1324	1.445	200	- 200	X	X	X										
3	41	1276	1.452	175	- 175													
4	42	1278	1.835	150	- 150													
5	43	1273	2.235	125	- 125													
6	44	1315	2.695	100	- 100													
7	45	1323	3.546	75	- 75													
8	46	1300	4.419	50	- 50													
9	47	1318	4.861	40	- 40													put wrong depth in oxy camp
10	48	1268	5.355	30	- 30						XX							
11	49	1272	5.947	20	- 20													
12	50	1274	5.944	10	- 10													
13	51	1314	5.9696	5														
14	52	1306	5.996	1														
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY: JT
CHECKED BY: DA

Bottom Depth: 227

Cast # down: 10
Cast # up:

Time	LOC	UTC
Begin:		1117
Bottom:		1124
End:		1137

START POSITION (GPS)
LAT: 48 28 18
LONG: 124 32 85

BOTTOM POSITION (GPS)
LAT: 48 28 16
LONG: 124 32 81

END POSITION (GPS)
LAT: 48 28 21
LONG: 124 32 75

ROSETTE LOG

MISSION ID: 2007-26

STATION: 72

CAST NUMBER: 13

UTC DATE (dd/mm/yyyy):

31/4/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	53	715	1.800	bot	✓ 1.84		X	X										
2	54	1105	1.779	175	✓ 175													
3	55	1146	1.820	150	✓ 149.7													
4	56	1267	1.819	125	✓ 125.3													
5	57	1158	2.411	100	✓													
6	58	1175	3.398	75	✓													
7	59	1317	4.248	50	✓													
8	60	1322	4.729	40	✓ 39.6								XX					
9	61	1326	5.215	30	✓ 29.6													
10	62	1351	5.556	20	✓ 20.4													
11	63	1358	5.619	10	✓													
12	64	1361	5.656	5	✓ 5.4													
13	65	1363	5.641	1	✓													
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: VECTOR.

ENTERED BY:

CHECKED BY:

Bottom Depth: 186

Cast # down: 13

Cast # up:

Time LOC UTC

Begin: 1524

Bottom:

End:

START POSITION (GPS)

LAT: 48° 18' 61"

LONG: 124° 04' 00"

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 69 CAST NUMBER: 16 UTC DATE (dd/mm/yyyy): 03/04/2007

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	66	1364	2.173	Bot	✓	160												
2	67	1367	2.097	150	✓													
3	68	1256	2.179	125	✓													
4	69	1406	1.510?	100	✓													
5	70	1362	3.336	75	✓			X										* add oxy value
6	71	1309	4.040	50	✓													
7	72	1305	4.486	40	✓													
8	73	1311	4.733	30	✓							X						
9	74	1301	5.003	20	✓													
10	75	1307	5.297	10	✓													
11	76	1319	5.630	5	✓													
12	77	1325	5.9187	surf	✓													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY: Dm
CHECKED BY:

Bottom Depth: 177

Cast # down: 16
Cast # up:

Time	LOC	UTC
Begin:		18 28
Bottom:		1832
End:		1840

START POSITION (GPS)
LAT: 48°15'64"
LONG: 123°43'39"

BOTTOM POSITION (GPS)
LAT: 48°15'60"
LONG: 123°43'51"

END POSITION (GPS)
LAT: 48°15'59"
LONG: 123°43'83"

ROSETTE LOG

MISSION ID: 2007-26 STATION: ADCP CAST NUMBER: 19 UTC DATE (dd/mm/yyyy): 03/04/2007

Niskin No.	Sample No.	OXY. Flask	OXY. m/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL						
1	78	1300	3.068	bot	✓	108		X	X									
2	79	1306	3.572	100	✓		X											
3	80	1268	4.280	75	✓													
4	81	1272	4.762	50	✓													
5	82	1273	5.070	40	✓													
6	83	1324	2.575	30	✓							XX						Problem with titration, ended prematurely - bubble
7	84	1276	5.743	20	✓													
8	85	1278	5.809	10	✓													
9	86	1223	7.800	5	✓													Problem with titration, ended prematurely - bubble
10	87	1315	5.843	1	✓													
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY: ST
CHECKED BY:

Bottom Depth: 120

Cast # down: 19
Cast # up:

Time	LOC	UTC
Begin:	2147	
Bottom:	2149	
End:	2155	

START POSITION (GPS)
LAT: 48° 14.61' N
LONG: 123° 17.84' W

BOTTOM POSITION (GPS)
LAT: 48° 14.00' N
LONG: 123° 17.87' W

END POSITION (GPS)
LAT: 48° 13.98' N
LONG: 123° 17.79' W

ROSETTE LOG

MISSION ID: 2007-26 STATION: 65 CAST NUMBER: 22 UTC DATE (dd/mm/yyyy): 03/04/2007

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	88	1318	3.023	115	-		X	X										
2	89	1274	3.144	100	-	X												
3	90	1314	3.985	75	-													
4	91	1424	4.706	50	-													
5	92	1371	4.823	40	-													
6	93	1373	5.046	30	-							XX						
7	94	1374	5.233	20	-													
8	95	1380	5.624	10	-													
9	96	1381	5.800	5	-													
10	97	1382	5.723	1	-													
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 125

Cast # down: 22
Cast # up:

Time	LOC	UTC
Begin:		2338
Bottom:		2341
End:		

START POSITION (GPS)
LAT: 48 15 90
LONG: 123 09 77

BOTTOM POSITION (GPS)
LAT: 48 15 89
LONG: 123 09 67

END POSITION (GPS)
LAT: 48 15 84
LONG: 123 09 75

Comments:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 62 CAST NUMBER: 25 UTC DATE (dd/mm/yyyy): 4/03/2007

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	98	715	3.523	130-10	-	140													
2	99	1105	3.543	125	-	125	✓												
3	100	1146	3.945	100	-	100													
4	101	1267	4.349	75	-	75													
5	102	1175	4.750	50	-	50													
6	103	1317	4.877	40	-	40			x										
7	104	1322	5.071	30	-	30							xx						
8	105	1326	5.368	20	-	20							xx						
9	106	1351	5.616	10	-	10							xx						
10	107	1158	5.680	5	-	5													
11	108	1358	5.831	1	-	1		✓	✓				xx						
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

SHIP: Vector

ENTERED BY: DA

CHECKED BY:

Bottom Depth: 147

Cast # down: 25

Cast # up: 25

Time	LOC	UTC
Begin:		0238
Bottom:		0242
End:		0250

START POSITION (GPS)

LAT: 48 22 79

LONG: 123 02 52

BOTTOM POSITION (GPS)

LAT: 48 22 79

LONG: 123 02 49

END POSITION (GPS)

LAT: 48 22 82

LONG: 123 02 37

ROSETTE LOG

MISSION ID: 2007-26 STATION: 56 CAST NUMBER: 30 UTC DATE (dd/mm/yyyy): 04/04/2007

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	109	1361	4.613	bot	✓	200.8											
2	110	1363	4.547	200	✓		X										
3	111	1364	4.678	175	✓												
4	112	1367	4.674	150	✓												
5	113	1256	4.864	125	✓												
6	114	1406	5.116	100	✓			XX									
7	115	1362	5.283	75	✓												
8	116	1309	5.374	50	✓												
9	117	1305	5.415	40	✓												
10	118	1311	5.445	30	✓												
11	119	1301	5.492	20	✓												
12	120	1307	5.650	10	✓												
13	121	1319	5.738	5	✓												
14	122	1325	5.881	surf	✓			✓	✓				X				
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

SHIP: Vector
ENTERED BY: DM et al
CHECKED BY: ST/AB.

Bottom Depth: 200

Cast # down: 30
Cast # up:

Time	LOC	UTC
Begin:		9:30
Bottom:		9:33
End:		9:40

START POSITION (GPS)
LAT: 48°46.390'
LONG: 123°01.568'

BOTTOM POSITION (GPS)
LAT: 48°46.112'
LONG: 123°01.574'

END POSITION (GPS)
LAT: 48°46.448'
LONG: 123°01.542'

Comments:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 46 CAST NUMBER: 39 UTC DATE (dd/mm/yyyy): 04/04/2007

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	123	715	4.627	Bot	✓ 175													
2	124	1105	4.934	180	✓	x												
3	125	1146	5.269	125	✓													
4	126	1267	5.340	100	✓													
5	127	1175	5.266	75	✓													
6	128	1317	5.177	50	✓													
7	129	1322	5.289	40	✓													
8	130	1326	5.504	30	✓			X				xx						
9	131	1351	6.039	20	✓							xx						
10	132	1158	6.826	10	✓							xx						
11	133	1358	7.131	5	✓													
12	134	1361	7.720	set	✓							xx						
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 180

Cast # down:
Cast #-up:

Time	LOC	UTC
Begin:		1617
Bottom:		1620
End:		1626

START POSITION (GPS)
LAT: 48°51'38"
LONG: 123°10'83"

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 42 CAST NUMBER: 41 UTC DATE (dd/mm/yyyy): 04/04/2007

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	135	1300	2.576	Bot	✓ 317													
2	136	1306	2.535	300	✓													
3	137	1268	2.778	250	✓													
4	138	1272	3.445	200	✓													
5	139	1273	3.836	175	✓													
6	140	1324	4.735	150	✓													
7	141	1276	4.712	125	✓													
8	142	1278	5.132	100	✓													
9	143	1323	5.358	75	✓													
10	144	1315	5.560	50	✓													
11	145	1318	5.563	40	✓													
12	146	1274	5.242	30	✓													
13	147	1314	5.608	20	✓													
14	148	1424	6.290	10	✓													
15	149	1371	8.015	5	✓													
16	150	1373	8.455	surf	✓													
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY:
CHECKED BY:

Bottom Depth: 320

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		1836
Bottom:		1841
End:		1852

START POSITION (GPS)
LAT: 49°01'78
LONG: 123°26'19

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 39 CAST NUMBER: 45 UTC DATE (dd/mm/yyyy): 04/04/2007

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	151	1300	2.489	bot	✓	365		X										
2	152	1306	2.457 XP	300	✓	365	X		X									find botto early
3	153	1268	2.614	300	✓													
4	154	1272	2.795 XP	250	✓				X									
5	155	1273	2.796	250	✓													(Wron sample # in oxy camp)
6	156	1324	3.286 XP	200	✓				X									ST
7	157	1276	3.288	200	✓													
8	158	1278	3.999 XP	175	✓	175			X									
9	159	1323	3.991	175	✓	175												
10	160	1315	4.582 XP	150	-	150			X									
11	161	1318	4.579	150	-	150												
12	162	1274	5.229 XP	125	-	125			X									
13	163	1314	5.173	125	-	125												
14	164	1424	5.390x	100	-	100			X									
15	165	1371	5.608	75	-	75												
16	166	1373	5.491	50	-	50												
17	167	1374	5.687	40	-	40												
18	168	1380	6.096	30	-	30												
19	169	1381	6.188	20	-	20												
20	170	1382	6.276	10	-	10												
21	171	1389	x+1.135	5	-	5												(* colourimeter error need to fix up)
22	172	1391	8.986	1	-	1												
23																		
24																		

SHIP: Vector
ENTERED BY: ST
CHECKED BY: AB

Bottom Depth: 365

Cast # down: 17 45

Cast # up:

Time	LOC	UTC
Begin:	2243	
Bottom:	2249	
End:	2308	

START POSITION (GPS)
LAT: 49° 09' 80.8"
LONG: 123° 33' 06.7"

BOTTOM POSITION (GPS)
LAT: 49° 09' 82"
LONG: 123° 33' 01"

END POSITION (GPS)
LAT: 49° 09' 89"
LONG: 123° 32' 98"

Comments:

ROSETTE LOG

MISSION ID: 2007-26

STATION: 27

CAST NUMBER: 48

UTC DATE (dd/mm/yyyy):

4/04/2007

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	173	715	2.459	304-10	-	338										
2	174	1105	2.642	300	-	300	✓									
3	175	1146	2.841	250	-	250										
4	176	1267	3.242	200	-	200										
5	177	1175	3.521	175	-	175										
6	178	1317	3.942	150	-	150										
7	179	1322	4.322	125	-	125										
8	180	1326	4.690	100	-	100		✓								
9	181	1351	4.793	75	-	75										
10	182	1158	4.615	50	-	50										
11	183	1358	4.601	40	-	40										
12	184	1361	4.672	30	-	30						✓✓				
13	185	1363	5.206	20	-	20						✓✓				
14	186	1364	5.979	10	-	10						✓✓				
15	187	1367	7.429	5	-	5										
16	188	1256	8.580	0			✓	✓				✓✓				
17																
18																
19																
20																
21																
22																
23																
24																

SHIP: Vector

ENTERED BY: DA

CHECKED BY:

Bottom Depth: 354

Cast # down: 48

Cast # up: 48

Time LOC UTC

Begin: 0137

Bottom: 0205

End: 0223

START POSITION (GPS)

LAT: 49 19 10

LONG: 123 47 97

BOTTOM POSITION (GPS)

LAT: 49 19 10

LONG: 123 47 95

END POSITION (GPS)

LAT: 49 19 14

LONG: 123 47 95

Comments:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 2 CAST NUMBER: 52 UTC DATE (dd/mm/yyyy): 05/04/2007

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	189	1406	2.779	bot	✓ 270													
2	190	1362	2.895	250	✓													
3	191	1309	3.596	200	✓	X												
4	192	1305	4.161	175	✓													
5	193	1311	4.689	150	✓													
6	194	1301	4.878	125	✓													
7	195	1307	4.961	100	✓													
8	196	1319	4.638	75	✓													
9	197	1325	4.862	50	✓													
10	198	1321	5.680	40	✓													
11	199	1443	5.494	30	✓							XY						
12	200	1327	5.623	20	✓							XY						
13	201	1400	6.391	10	✓			X				XY						
14	202	1397	8.263	5	✓													
15	203	1368	7.036	surf	✓							XY						
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector

ENTERED BY:

CHECKED BY:

Bottom Depth: 277

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0609
Bottom:		
End:		

START POSITION (GPS)

LAT: 49.24.09

LONG: 124.09.29

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 3 CAST NUMBER: 55 UTC DATE (dd/mm/yyyy): 4/4/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	204	1433	2.319	bot	✓	335		X	Y									
2	205	1428	2.431	300	✓		X	Y										
3	206	1356	2.764	250	✓													
4	207	1425	3.307	200	✓													
5	208	1404	3.655	175	✓													
6	209	1366	4.233	150	✓													
7	210	1426	4.600	125	✓													
8	211	1427	4.887	100	✓													
9	212	1429	4.485	75	✓													
10	213	1354	4.492	50	✓													
11	214	1247	4.940	40	✓													
12	215	1360	5.559	30	✓							XX						
13	216	1347	6.302	20	✓							XX						
14	217	1432	6.903	10	✓							XX						
15	218	1431	7.456	8	✓													
16	219	1403	7.976	5	✓							XX						
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 335

Cast # down:
Cast # up:

Time LOC UTC
Begin: 0839
Bottom: 0840
End:

START POSITION (GPS)
LAT: 49°24.503
LONG: 124°22.100

BOTTOM POSITION (GPS)
LAT: 49°24.516
LONG: 124°22.061

END POSITION (GPS)
LAT: 49°24.485
LONG: 124°22.020

Comments:

ROSETTE LOG

MISSION ID: 2007-26 STATION: 6 CAST NUMBER: 57 UTC DATE (dd/mm/yyyy):

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	220	1430	4.499	bot	✓	180		X	X									
2	221	1384	4.505	175	✓		X											
3	222	1212	4.680	150	✓													
4	223	1216	4.809	125	✓													
5	224	1223	4.819	100	✓													
6	225	1238	4.358	75	✓													
7	226	1279	5.264	50	✓													
8	227	1241	5.645	40	✓													
9	228	1229	5.810	30	✓							XX						
10	229	1313	6.107	20	✓							XX						
11	230	1344	6.710	10	✓							XX						
12	231	1281	6.813	5	✓													
13	232			1	X													Missed this one
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: VECTOR
ENTERED BY:
CHECKED BY:

Bottom Depth: 180.3

Cast # down: 57
Cast # up:

Time	LOC	UTC
Begin:	1012	
Bottom:	1615	
End:		

START POSITION (GPS)
LAT: 49°30.596
LONG: 124°27.774

BOTTOM POSITION (GPS)
LAT: 49°30.596
LONG: 124°27.754

END POSITION (GPS)
LAT: 49°30.614
LONG: 124°27.793

ROSETTE LOG

MISSION ID:

2007-26

STATION:

9

CAST NUMBER:

60

UTC DATE (dd/mm/yyyy):

5/04/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	233	715	3.032	Bot-10	✓	160												
2	234	1105	3.108	150	-	150												
3	235	1146	3.655	125	-	125												
4	236	1158	3.926	100	-	100												
5	237	1175	4.335	75	-	75												
6	238	1317	5.420	50	-	50			✓									
7	239	1322	6.157	30	-	30							✓✓					no 40 m?
8	240	1326	6.524	20	-	20							✓✓					
9	241	1351	7.113	10	-	10							✓✓					
10	242	1267	7.470	5	-	5												
11	243	1358	7.630*	0	-	1		✓	✓				✓✓					
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector

ENTERED BY:

CHECKED BY:

Bottom Depth: 170

Cast # down: 60

Cast # up: 60

Time LOC UTC

Begin: 1243

Bottom: 1247

End: 1256

START POSITION (GPS)

LAT: 49 35 27

LONG: 124 38 31

BOTTOM POSITION (GPS)

LAT: 49 35 30

LONG: 124 38 32

END POSITION (GPS)

LAT: 49 35 30

LONG: 124 38 27

Comments:

No 40 m bottle

ROSETTE LOG

MISSION ID: 2007-26 STATION: 12 CAST NUMBER: 63 UTC DATE (dd/mm/yyyy): 5/04/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	244	1361	2.662	Bot+10	- 345													
2	245	1305	2.900	300	- 300	✓												
3	246	1363	3.217	250	- 250													
4	247	1364	3.638	200	- 200													
5	248	1405	3.813	175	- 175													
6	249	1362	4.155	150	✓													
7	250	1309	4.607	125	✓													
8	251	1311	4.566	100	✓													
9	252	1301	4.214	75	✓													
10	253	1207	4.788	50	✓													
11	254	1319	4.806	40	✓													
12	255	1325	4.671	30	✓													
13	256	1321	6.104	20	✓													
14	257	1443	6.562	10	✓													
15	258	1327	6.818	5	✓													
16	259	1400	6.923	surf	✓													
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY: DA
CHECKED BY: 45

Bottom Depth: 355

Cast # down: 63
Cast # up: 63

Time	LOC	UTC
Begin:		1445
Bottom:		1452
End:		1504

START POSITION (GPS)
LAT: 49 43 61
LONG: 124 40 82

BOTTOM POSITION (GPS)
LAT: 49 43 64
LONG: 124 40 77

END POSITION (GPS)
LAT: 49 43 613
LONG: 124 40 76

Comments:

ROSETTE LOG

MISSION ID: 2857-26 STATION: 23 CAST NUMBER: 66 UTC DATE (dd/mm/yyyy): 5/04/2007

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	260	1373	5.527	BOT	✓ 225.1													
2	261	1374	5.526	200	✓													
3	262	1380	5.436	175	✓	X												
4	263	1381	5.335	150	✓													
5	264	1382	5.153	125	✓													
6	265			100	✓													midlabelled - these not needed
7	266			75	✓													
8	267	1267	5.280	100	✓													
9	268	1256	5.210	75	✓													
10	269	1261	5.261	50	✓			X										
11	270	1394	5.305	40	✓													
12	271	1434	5.314	30	✓							XY						
13	272	1476	5.293	20	✓							XX						
14	273	1314	5.305	10	✓							XY						need to update value in comp
15	274	1424	5.306	5	✓													
16	275	1371	5.329	SURF	✓							XY						
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Vector
ENTERED BY: DM
CHECKED BY:

Bottom Depth: 225.1

Cast # down: 66
Cast # up:

Time	LOC	UTC
Begin:	2026	
Bottom:	2030	
End:	2040	

START POSITION (GPS)
LAT: 50°13.04'
LONG: 125°23.08'

BOTTOM POSITION (GPS)
LAT: 50°14.99'
LONG: 125°23.08'

END POSITION (GPS)
LAT: 50°15.03'
LONG: 125°23.16'

ROSETTE LOG

MISSION ID: 2007-26 STATION: 16 CAST NUMBER: 67 UTC DATE (dd/mm/yyyy): 5.104.2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	276	1300	4.196	bat	✓ 145													
2	277	1306	4.154	125	✓	X												
3	278	1268	4.629	100	✓													
4	279	1272x	4.632+	75	✓													
5	280	1273	5.029	50	✓													
6	281	1324	5.028	40	✓													
7	282	1276	5.056	30	✓							XX						
8	283	1278	5.138	20	✓							XX						
9	284	1323	5.769	10	✓							XX						
10	285	1315	6.189	5	✓													
11	286		?	5m								XX						
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

SHIP: Vector
ENTERED BY: SE
CHECKED BY:

Bottom Depth: 153

Cast # down: 67
Cast # up:

Time	LOC	UTC
Begin:		2235
Bottom:		2239
End:		2245

START POSITION (GPS)
LAT: 49.57.69
LONG: 125.08.82

BOTTOM POSITION (GPS)
LAT: 49.57.68
LONG: 125.08.86

END POSITION (GPS)
LAT: 49.57.64
LONG: 125.08.86

Comments: * Sample # 279 - need to fix up oxy. value (not sure if valid anyway) (colourimeter error)

ROSETTE LOG

MISSION ID: 2007-26 STATION: 14 CAST NUMBER: 71 UTC DATE (dd/mm/yyyy): 05/04/2007

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken										
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13				
1	287	1318	2.843	130T	✓ 312											
2	288	1274	3.150	250	✓											
3	289	1373	3.478	200	✓											
4	290	1374	3.848	175	✓											
5	291	1380	4.002	150	✓											
6	292	1381	4.117	125	✓											
7	293	1382	3.924	100	✓											
8	294	1389	4.113	75	✓ 02.16											
9	295	1391	4.985	50	✓ 02.17											
10	296	1267	4.992	40	✓ 02.18											
11	297	1256	5.126	30	✓ 02.18								✓			
12	298	1461	5.536	20	✓ 02.19								✓			
13	299	1394	6.815	10	02.19								✓			
14	300	1434	7.086	5	02.20								✓			
15	301	1176	7.496	Surf	02.21								✓			
16																
17																
18																
19																
20																
21																
22																
23																
24																

SHIP: Vector
 ENTERED BY: 71
 CHECKED BY: 71

Bottom Depth: 315

Cast # down: 71

Cast # up: 71

Time	LOC	UTC
Begin:		02.14
Bottom:		02.28
End:		02.21

START POSITION (GPS)
 LAT: 49 53 05
 LONG: 124 59 59

BOTTOM POSITION (GPS)
 LAT: 49 53 06
 LONG: 124 59.56

END POSITION (GPS)
 LAT: 49 53 03
 LONG: 124 59.58

Comments: