

Lat: 36° 29.940'S Lon: 1° 02.58'E

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown							EXPO Code 33RO21010308								
Sampling		Sampling		Bottom											
Station/Cast	Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth	C14Box	NutBox	SaltBox					
36/1		3/23/10	08:05		3/23/10	09:28	5010		Blue	400					
Niskin	CFC	Helium	Oxygen	Oxygen								Nut	Salt		
Number	Press	Syringe	Tube	Flask	Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium	Tube	Bottle	Comments
51021	b-10	613 ✓		1	3.3	1	23	61.625	11.18				D, 1	401	
2	4800	2711 ✓		2	3.4	2	24	62	2				2	402	
3	4400	235 ✓		3	3.5	3	25	63	3				3	403	
4	4000	272		4		4	26	64	4				4	404	
5	3600	295 ✓		5	4.0	5	27.28	65	5				5	405	
6	3300	580 ✓		6	4.4	6	29	66	6				6	406	
7	3000	477, 598 ✓		7	4.6	7	46	67	7				7	407	
8	2700	277 ✓		8, 39	4.7	8	50	68	8				8	408	
9	2400	635 ✓		9	4.8	9	51	69	9				9	409	
10	2100	417 ✓		10	5.1	10	53	610	10				10	410	pCO <sub>2</sub> : 53
11	1800	390 ✓		11	5.2	11	52	611	11				11	411	pCO <sub>2</sub> : 52
12	1400	278 ✓		12	5.4	12	54	612	12				12	412	
13	1100	264 ✓		13	5.6	13	56	613	13				13	413	
14	800	474 ✓		14	5.8	14	57	614	14				14	414	
15	500	771 ✓		15	6.2	15	58	615	15				15	415	
16	200	753 ✓		16	7.4	16	60	616	16				16	416	pH: 18
17	100	632 ✓		17, 40	8.7	17	128	617	17				17	417	
18	50	619 ✓		18	10.7	18	129	618	18				18	418	pH: 16
19	25	297 ✓		19	13.1	19	130	619	19				19	419	
20	10	759 ✓		20	13.8	20	131	620	20				20	420	
21	5	596 ✓		21	15.1	21	132	621	21				21	421	
22	0	772, 757 ✓		22	16.9	22	133	622	22				22	422	
23	0	479 ✓		23	19.1	23	134	623	23				23	423	
24	0	761 ✓		24	19.2	24	136	624	24				24	424	
Sampler Initials		DW, PB		GB, CF		YT	KFS	AK	EB				CF	KM, KS	

The hook came unlocked but did not release lanyard on bottle 4