

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33RO21010308					MH		
		lat: -27° 59.976'			lon: 1° 43.140'												
		Sampling			Sampling			Bottom									
Station/Cast		Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth		C14Box			NutBox	SaltBox			
53 1			3/27/10	16:00		3/27/10	17:30	4372						100			
Niskin		CFC		Helium	Oxygen	Oxygen							Nut	Salt			
Number	Press	Syringe	Tube	Flask	Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium	Tube	Bottle	Comments		
1	4437	619 ✓		41/79 ✓	4.1	1 ✓	23 ✓	A1A25	1A1B		1 ✓		1 ✓	101 ✓			
2	4100	417 ✓		82 ✓	4.4	2 ✓	24 ✓	A2 ✓	2 ✓		2 ✓		2 ✓	102, 210 ✓			
3	3800	598 ✓		93 ✓	4.6	3 ✓	25 ✓	A3 ✓	3 ✓		3 ✓		3 ✓	103 ✓			
4	3500	437 ✓		44 ✓	4.6	4 ✓	26 ✓	A4 ✓	4 ✓		4 ✓		4 ✓	104 ✓			
5	3200	580 ✓		45 ✓	5.6	5 ✓	27 ✓	A5 ✓	5 ✓		5 ✓		5 ✓	105 ✓			
6	2900	474 ✓		46 ✓	5.1	6 ✓	28 ✓	A6 ✓	6 ✓		6 ✓		6 ✓	106 ✓			
7	2700	385, 235 ✓		47 ✓	5.4	7 ✓	1 ✓	A7 ✓	7 ✓		7 ✓		7 ✓	107 ✓			
8	2500	753 ✓		48 ✓	5.2	8 ✓	2 ✓	A8 ✓	8 ✓		8 ✓		8 ✓	108 ✓			
9	2300	613 ✓		49 ✓	5.4	9 ✓	3 ✓	A9 ✓	9 ✓		9 ✓		9 ✓	109 ✓			
10	2100	635 ✓		50 ✓	5.6	10 ✓	5 ✓	A10 ✓	10 ✓		10 ✓		10 ✓	110 ✓			
11	1900	596 ✓		51 ✓	5.8	11 ✓	6 ✓	A11 ✓	11 ✓		11 ✓		11 ✓	111 ✓			
12	1700	772 ✓		92 ✓	5.9	12 ✓	7 ✓	A12 ✓	12 ✓		12 ✓		12 ✓	112 ✓			
13	1500	766 ✓		53 ✓	6.0	13 ✓	8 ✓	A13 ✓	13 ✓		13 ✓		13 ✓	113 ✓			
14	1300	2711 ✓		54 ✓	6.2	14 ✓	9 ✓	A14 ✓	14 ✓		14 ✓		14 ✓	114 ✓			
O2 Min 15	1100	477 ✓		55 ✓	6.1	15 ✓	11 ✓	A15, A27	15 ✓		15 ✓		15 ✓	115 ✓			
16	900	295 ✓		56 ✓	6.7	16 ✓	12 ✓	A16 ✓	16 ✓		16 ✓		16 ✓	116 ✓			
17	700	294 ✓		57 ✓	7.7	17 ✓	13 ✓	A17 ✓	17 ✓		17 ✓		17 ✓	117 ✓			
18	500	390 ✓		58 ✓	10.0	18 ✓	14 ✓	A18 ✓	18 ✓		18 ✓		18 ✓	118 ✓			
19	400	771 ✓		59 ✓	11.4	19 ✓	15, 16 ✓	A19 ✓	19 ✓		19 ✓		19 ✓	119 ✓			
20	300	278 ✓		60 ✓	13.0	20 ✓	19 ✓	A20 ✓	20 ✓		20 ✓		20 ✓	120 ✓			
21	200	759 ✓		61 ✓	14.4	21 ✓	18 ✓	A21 ✓	21 ✓		21 ✓		21 ✓	121 ✓			
22	125	264, 272 ✓		62 ✓	16.4	22 ✓	19, 20 ✓	A22 ✓	22 ✓		22 ✓		22 ✓	122 ✓			
23	75	585 ✓		63 ✓	18.0	23 ✓	21 ✓	A23 ✓	23 ✓		23 ✓		23 ✓	123 ✓			
24	5	769 ✓		64/80 ✓	21.9	24 ✓	22 ✓	A24, A26	24 ✓		24 ✓		24 ✓	124 ✓	X		
Sampler Initials				CL			GHP	CP									

need to replace stoppers on bottles 7, 16, 24 on sta 54  
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\* had to change O-Ring on bot 24 before samples were taken