

Lat: 24° 0.005 S  
 Lon: 10° 30.050 E

260 → 273

2

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33R021010308				MH	
Station/Cast		Sampling			Sampling			Bottom			C14Box		NutBox		SaltBox
61 1		Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth					green		100
			3/29/10	17:00		3/29/10	18:20	5048							
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	5136	613 ✓		41 ✓	4.7	1 ✓	1 ✓	A1, A25	A1B		1 ✓		1 ✓	101 ✓	
2	4600	765 ✓		82 ✓	4.8	2 ✓, A ✓	2 ✓	A2 ✓	2 ✓		2 ✓		2 ✓	102, 210	
3	4200	385 ✓		43 ✓	5.1	3 ✓	3, 5 ✓	A3 ✓	3 ✓		3 ✓		3 ✓	103 ✓	
4	3800	295 ✓		44 ✓	5.2	4 ✓	6 ✓	A4 ✓	4 ✓		4 ✓		4 ✓	104 ✓	
5	3400	264 ✓		45 ✓	5.5	5 ✓	7 ✓	A5 ✓	5 ✓		5 ✓		5 ✓	105 ✓	
6	3000	1412 ✓		46 ✓	5.7	6 ✓	13 ✓	A6 ✓	6 ✓		6 ✓		6 ✓	106 ✓	
7	2600	772, 585 ✓		47 ✓	6.2	7 ✓	14 ✓	A7 ✓	7 ✓		7 ✓		7 ✓	107 ✓	
8	2300	272 ✓		48 / 79	6.1	8 ✓	15 ✓	A8 ✓	8 ✓		8 ✓		8 ✓	108 ✓	
9	2765	635 ✓		49 ✓	6.2	9 ✓, B ✓	16 ✓	A9 ✓	9 ✓		9 ✓		9 ✓	109 ✓	
10	2400	580 ✓		50 ✓	6.5	10 ✓	17 ✓	A10 ✓	10 ✓		10 ✓		10 ✓	110 ✓	
11	2000	598 ✓		51 ✓	7.0	11 ✓	18 ✓	A11 ✓	11 ✓		11 ✓		11 ✓	111 ✓	
12	1700	756 ✓		92 ✓	7.1	12 ✓	19 ✓	A12 ✓	12 ✓		12 ✓		12 ✓	112 ✓	
13	1400	766 ✓		53 ✓	7.3	13 ✓	20 ✓	A13 ✓	13 ✓		13 ✓		13 ✓	113 ✓	
* 14	1100	632 ✓		54 ✓	11.5	14 ✓	21 ✓	A14 ✓	14 ✓		14 ✓		14 ✓	114 ✓	
15	800	390 ✓		55 ✓	8.0	15 ✓	22 ✓	A15 ✓	15 ✓		15 ✓		15 ✓	115 ✓	
16	600	2711 ✓		56 ✓	9.4	16 ✓	23, 24 ✓	A16 ✓	16 ✓		16 ✓		16 ✓	116 ✓	
17	450	757 ✓		57 / 80	11.6	17 ✓	25 ✓	A17, A21 ✓	17 ✓		17 ✓		17 ✓	117 ✓	
18	300	761 ✓		58 ✓	13.9	18 ✓, C ✓	26 ✓	A18 ✓	18 ✓		18 ✓		18 ✓	118 ✓	
19	150	4133 ✓		59 ✓	16.8	19 ✓	27 ✓	A19 ✓	19 ✓		19 ✓		19 ✓	119 ✓	
20	125	417 ✓		60 ✓	17.4	20 ✓	28 ✓	A20 ✓	20 ✓		20 ✓		20 ✓	120 ✓	
21	100	235 ✓		61 ✓	18.0	21 ✓	29 ✓	A21 ✓	21 ✓		21 ✓		21 ✓	121 ✓	
22	70	769, 619 ✓		62 ✓	19.3	22 ✓	30 ✓	A22 ✓	22 ✓		22 ✓		22 ✓	122 ✓	
23	30	596 ✓		63 ✓	22.3	23 ✓, D ✓	31 ✓	A23 ✓	23 ✓		23 ✓		23 ✓	123 ✓	
24	5	477 ✓		64 ✓	22.5	24 ✓	32 ✓	A25, A27 ✓	24 ✓		24 ✓		24 ✓	124 ✓	
Sampler Initials				CL				CP			DM				

Bot. 16 and 18 are hard to open

Moved all inner row of bottles higher to improve angle of lanyards to carousel pins  
 After bottle #8 closed, noticed bad wraps on drum - lowered rosette from ~2100 lb to ~2773 lb.  
 \*02 Temp too high