

Lat: 0° 56.466'E

\* bottles 22 & 23 replaced  
w/ bottle 10223

KJM

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33RO21010308							
Station/Cast		Sampling			Sampling			Bottom									
		Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth	C14Box			NutBox			SaltBox		
82 1			4/6/10	01:11		4/6/10	01:50	5521				Blue			800		
Niskin		CFC		Helium	Oxygen	Oxygen							Nut		Salt		
Number	Press	Syringe	Tube	Flask	Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium	Tube	Bottle	Comments		
5635 1	610	632 ✓		1	4.7	✓	1	81.825	1A ✓				1, D	01			
2	5150	277 ✓		2	4.9	2A	2	82	2				2	02, 03			
3	4800	235		3		3	3	83	3				3	03	didn't trip		
4	4400	264 ✓		4	5.2	4	5.6	84	4				4	04			
5	4000	474 ✓		5	5.39	5	7	85	5				5	05			
6	3600	757 ✓		6	5.9	6	8	86	6				6	06			
7	3200	596 ✓		7	6.0	7B	9	87	7				7	07			
8	2800	294 ✓		8	6.3	8	11	88	8				8	08			
9	2500	613, 417 ✓		9	6.7	9	24	89	9				9	09			
10	2200	759 ✓		10	6.8	10	25	810	10				10	10			
11	1900	412 ✓		11	7.1	11	26	811	11				11	11			
12	1700	598 ✓		12	7.5	12	27	812	12A ✓				12	12			
13	1500	580		13		13	28	813	13				13	13			
14	1300	295		14		14	29	814	14				14	14			
15	1100	2711		15		15	30	815	15				15	15			
16	900	772		16		16	31, 32	816	16				16	16			
17	700	437		17		17	33	817	17				17	17			
18	500	294		18		18	34	818	18				18	18			
19	400	766		19		19	35	819	19				19	19			
20	300	477, 370		20	10.40	20	36	820, 821	20				20	20			
21	200	635		21		21	37	821	21				21	21			
22	100	772		22		22	38	822	22				22	22			
23	50	771		23		23	39	823	23				23	23			
24	5	278		24		24	40	824, 826	24				24	24			
Sampler Initials																	

bottle 23  
likely imploded  
(inner spring  
compressed)

- 23 is gone except for lid on top, other bottles didn't trip because piece of bottle  
(cap) 23 lodged under trip levers

- 13-21 all got tied up, 3 did not trip as well (reason unknown for #3)

- bottle 22 cracked / crushed