

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown								EXPO Code 33R021010308						MHP		
		Sampling				Sampling				Bottom						
Station/Cast		Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth		C14Box		NutBox	SaltBox			
41 1			3/24/10	15:55		3/24/10	17:15	4643		238/23		green	300			
Niskin		CFC		Helium	Oxygen	Oxygen							Nut	Salt		
Number	Press	Syringe	Tube	Flask	Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium	Tube	Bottle	Comments	
47241	6-10	632 ✓		1 ✓	4.2	1 ✓	29 ✓	A1, A25 ✓	1 ✓	7430 ✓	1 ✓		1 ✓	301 ✓		
2	4300	596 ✓		2 ✓/39	4.4	2 ✓		A2 ✓	2 ✓	7431 ✓	2 ✓		2 ✓	302 ✓	203	
3	3900	2711 ✓		3 ✓	4.9	3 ✓	24 ✓	A3 ✓	3 ✓	7432 ✓	3 ✓		3 ✓	303 ✓		
<del>4</del>	<del>3500</del>	<del>2772</del>		<del>4</del>		<del>4 ✓</del>		<del>A4</del>	<del>4</del>	<del>7433</del>	<del>4</del>		<del>4</del>			
5	3100	772 ✓		5 ✓	5.4	5 ✓	25 ✓	A5 ✓	5 ✓	7434 ✓	5 ✓		5 ✓	305 ✓		
6	2700	756 ✓		6 ✓	5.5	6 ✓		A6 ✓	6 ✓	7435 ✓	6 ✓		6 ✓	306 ✓		
7	2300	598, 278 ✓		7 ✓	6.0	7 ✓	26 ✓	A7 ✓	7 ✓	7436 ✓	7 ✓		7 ✓	307 ✓	#11701	
8	2000	759 ✓		8 ✓	6.1	8 ✓		A8 ✓	8 ✓	7437 ✓	8 ✓		8 ✓	308 ✓		
9	1700	385 ✓		9 ✓	6.2	9 ✓	27 ✓	A9 ✓	9 ✓	6337 ✓	9 ✓		9 ✓	309 ✓	#11705	
10	1500	295 ✓		10 ✓	6.1	10 ✓		A10 ✓	10 ✓	6345 ✓	10 ✓		10 ✓	310 ✓		
O2 min 11	1300	753 ✓		11 ✓	6.6	11 ✓	28 ✓	A11, A27 ✓	11 ✓	6459 ✓	11 ✓		11 ✓	311 ✓		
12	1100	272 ✓		12 ✓	7.7	12 ✓	29 ✓	A12 ✓	12 ✓	6660 ✓	12 ✓		12 ✓	312 ✓		
13	950	765 ✓		13 ✓	7.3	13 ✓		A13 ✓	13 ✓	6814 ✓	13 ✓		13 ✓	313 ✓		
14	700	437 ✓		14 ✓	9.0	14 ✓	30 ✓	A14 ✓	14 ✓	6816 ✓	14 ✓		14 ✓	314 ✓		
15	550	294 ✓		15 ✓	10.7	15 ✓		A15 ✓	15 ✓	6817 ✓	15 ✓		15 ✓	315 ✓		
16	450	771 ✓		16 ✓	12.3	16 ✓	31 ✓	A16 ✓	16 ✓	6818 ✓	16 ✓		16 ✓	316 ✓		
17	325	474 ✓		17 ✓	13.6	17 ✓		A17 ✓	17 ✓	6819 ✓	17 ✓		17 ✓	317 ✓		
18	250	769 ✓		18 ✓	14.6	18 ✓	32 ✓	A18 ✓	18 ✓	6820 ✓	18 ✓		18 ✓	318 ✓		
19	175	262 ✓		19 ✓	15.7	19 ✓		A19 ✓	19 ✓	6821 ✓	19 ✓		19 ✓	319 ✓		
20	125	585 ✓		20 ✓	16.6	20 ✓	33 ✓	A20 ✓	20 ✓	6824 ✓	20 ✓		20 ✓	320 ✓		
21	70	766 ✓		21 ✓	17.4	21 ✓	34 ✓	A21 ✓	21 ✓	6825 ✓	21 ✓		21 ✓	321 ✓		
22	60	433, 476 ✓		22 ✓	18.7	22 ✓	35 ✓	A22 ✓	22 ✓	6827 ✓	22 ✓		22 ✓	322 ✓		
23	30	757 ✓		23 ✓	19.6	23 ✓	36 ✓	A23 ✓	23 ✓	6933 ✓	23 ✓		23 ✓	323 ✓		
24	5	479 ✓		24 ✓/48	19.6	24 ✓	38 ✓	A24 ✓	24 ✓	7646 ✓	24 ✓		24 ✓	324 ✓		
Sampler Initials				CL			GMP	CP		17NM	17NM					

Bottle #4 did not close