

Lat: 16° 0.004'S

Lon: 1° 0.110'E

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33R021010308								
		Sampling			Sampling			Bottom									MH	
Station/Cast		Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth		C14Box			NutBox	SaltBox				
77 / 1			4/3/10	21:15		4/3/10	22:45	5165		346			blue	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			
52681	510	635 ✓		1 ✓	4.9	1 ✓	1 ✓	A1, A25	1 ✓		1 ✓		1 ✓	301				
2	4800	262 ✓		2 ✓	5.1	2 ✓, A	2 ✓	A2 ✓	2 ✓		2 ✓		2 ✓	302, 212				
3	4400	759 ✓		3 ✓	5.4	3 ✓	3 ✓	A3 ✓	3 ✓		3 ✓		3 ✓	303 ✓				
4	4000	264 ✓		4 ✓	5.5	4 ✓	4 ✓	A4 ✓	4 ✓		4 ✓		4 ✓	304 ✓				
5	3600	580, 766 ✓		5 ✓	6.0	5 ✓	5 ✓	A5 ✓	5 ✓		5 ✓		5 ✓	305 ✓				
6	3200	778 ✓		6 ✓	6.1	6 ✓	6 ✓	A6 ✓	6 ✓		6 ✓		6 ✓	306 ✓				
7	2800	437 ✓		7 ✓	6.3	7 ✓	7 ✓	A7 ✓	7 ✓		7 ✓		7 ✓	307 ✓				
8	2500	476 ✓		8 ✓	6.4	8 ✓, B	8 ✓	A8 ✓	8 ✓		8 ✓		8 ✓	308 ✓				
9	2200	297 ✓		9 ✓	6.6	9 ✓	9 ✓	A9 ✓	9 ✓	1239 ✓	9 ✓		9 ✓	309 ✓				
10	1900	294 ✓		10 ✓	7.0	10 ✓	10 ✓	A10 ✓	10 ✓	1960 ✓	10 ✓		10 ✓	310 ✓				
11	1700	761 ✓		11 ✓/39	7.2	11 ✓	11 ✓	A11 ✓	11 ✓	1967 ✓	11 ✓		11 ✓	311 ✓	air vent open			
12	1500	613 ✓		12 ✓	7.6	12 ✓	12 ✓	A12 ✓	12 ✓	1968 ✓	12 ✓		12 ✓	312 ✓	air vent open			
13	1300	771 ✓		13 ✓	7.6	13 ✓	13 ✓	A13 ✓	13 ✓	1969 ✓	13 ✓		13 ✓	313 ✓				
14	1100	412 ✓		14 ✓/40	7.8	14 ✓	14 ✓	A14 ✓	14 ✓	1971 ✓	14 ✓		14 ✓	314 ✓				
15	900	417 ✓		15 ✓	8.4	15 ✓	15 ✓	A15 ✓	15 ✓	1972 ✓	15 ✓		15 ✓	315 ✓				
16	750	390 ✓		16 ✓	9.1	16 ✓, C	16 ✓	A16 ✓	16 ✓	1973 ✓	16 ✓		16 ✓	316 ✓				
17	650	632 ✓		17 ✓	10.0	17 ✓	17 ✓	A17 ✓	17 ✓	1975 ✓	17 ✓		17 ✓	317 ✓				
18	550	295 ✓		18 ✓	10.6	18 ✓	18 ✓	A18 ✓	18 ✓	1976 ✓	18 ✓		18 ✓	318 ✓				
19	450	756 ✓		19 ✓	11.6	19 ✓	19 ✓	A19 ✓	19 ✓	1977 ✓	19 ✓		19 ✓	319 ✓				
20	350	757 ✓		20 ✓	12.7	20 ✓, D	20 ✓	A20 ✓	20 ✓	1979 ✓	20 ✓		20 ✓	320 ✓				
O2 Min 21	250	235 ✓		21 ✓	14.3	21 ✓	21 ✓	A21, A27	21 ✓	1981 ✓	21 ✓		21 ✓	321 ✓	low on water			
22	150	598 ✓		22 ✓	16.3	22 ✓	22 ✓	A22 ✓	22 ✓	6853 ✓	22 ✓		22 ✓	322 ✓				
23	75	765, 585 ✓		23 ✓	20.6	23 ✓	23 ✓	A23 ✓	23 ✓	6889 ✓	23 ✓		23 ✓	323 ✓				
24	5	2711 ✓		24 ✓	24.2	24 ✓	24 ✓	A24, A26	24 ✓	6898 ✓	24 ✓		24 ✓	324 ✓				
Sampler Initials				CL		GMP				DM	DM							

only 1/2
salt
bottle