

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33RO21010308				MH	
Station/Cast		Sampling Start(UTC)		Date	Time	Sampling End(UTC)		Date	Time	Bottom	Depth	C14Box	NutBox	SaltBox	
45 1		17:15		3/25/10	17:15	3/25/10		18:28	4477		212			900	
Niskin Number	Press	CFC Syringe	Helium Tube	Oxygen Flask	Oxygen Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium	Nut Tube	Salt Bottle	Comments
4549 1	5-10	635 ✓		41 ✓	4.1	1 ✓	12.8 ✓	A1, A25 ✓	1A, B ✓	5358 ✓	1 ✓		1 ✓	901 ✓	
2	4200	476 ✓		82 ✓	4.9	2 ✓	12.9 ✓	A2 ✓	2 ✓	5359 ✓	2 ✓		2 ✓	902 ✓	210
3	3700	766, 417 ✓		43 ✓	5.1	3 ✓	13.0 ✓	A3 ✓	3 ✓	5360 ✓	3 ✓		3 ✓	903 ✓	
4	3600	477 ✓		44 ✓	5.3	4 ✓	13.1 ✓	A4 ✓	4 ✓	5361 ✓	4 ✓		4 ✓	904 ✓	
5	3300	479 ✓		45 ✓	5.5	5 ✓	13.2 ✓	A5 ✓	5 ✓	5362 ✓	5 ✓		5 ✓	905 ✓	
6	3000	433 ✓		46 ✓	5.6	6 ✓	13.3 ✓	A6 ✓	6 ✓	5363 ✓	6 ✓		6 ✓	906 ✓	
7	2700	585 ✓		47 ✓	5.9	7 ✓	13.4 ✓	A7 ✓	7 ✓	5364 ✓	7 ✓		7 ✓	907 ✓	
8	2400	294 ✓		48 ✓	6.3	8 ✓	13.5 ✓	A8 ✓	8 ✓	5365 ✓	8 ✓		8 ✓	908 ✓	
9	2100	235 ✓		49 ✓	6.4	9 ✓	13.6 ✓	A9 ✓	9 ✓	5366 ✓	9 ✓		9 ✓	909 ✓	
10	1800	412 ✓		50 ✓	6.6	10 ✓	13.7 ✓	A10 ✓	10 ✓	5367 ✓	10 ✓		10 ✓	910 ✓	
11	1500	769 ✓		51 ✓	6.9	11 ✓	13.8 ✓	A11 ✓	11 ✓	5368 ✓	11 ✓		11 ✓	911 ✓	
12	1250	390 ✓		92 ✓	7.3	12 ✓	13.9 ✓	A12 ✓	12 ✓	5369 ✓	12 ✓		12 ✓	912 ✓	
13	1050	295 ✓		53 ✓	8.0	13 ✓	14.0 ✓	A13 ✓	13 ✓	5370 ✓	13 ✓		13 ✓	913 ✓	
14	850	277 ✓		54 ✓	9.0	14 ✓	14.1 ✓	A14 ✓	14 ✓	5371 ✓	14 ✓		14 ✓	914 ✓	
15	700	753 ✓		55 ✓	10.7	15 ✓	14.2 ✓	A15 ✓	15 ✓	5372 ✓	15 ✓		15 ✓	915 ✓	
16	600	278 ✓		56 ✓	12.7	16 ✓	14.3 ✓	A16 ✓	16 ✓	5373 ✓	16 ✓		16 ✓	916 ✓	
17	500	757 ✓		57 ✓	13.2	17 ✓	14.4 ✓	A17 ✓	17 ✓		17 ✓		17 ✓	917 ✓	
18	400	632 ✓		58 ✓	14.5	18 ✓	14.5 ✓	A18 ✓	18 ✓		18 ✓		18 ✓	918 ✓	
19	300	2711 ✓		59 ✓	15.5	19 ✓	14.6 ✓	A19 ✓	19 ✓		19 ✓		19 ✓	919 ✓	
20	225	272 ✓		60 ✓	16.5	20 ✓	14.7 ✓	A20 ✓	20 ✓		20 ✓		20 ✓	920 ✓	
21	150	437 ✓		61 ✓	17.0	21 ✓	14.8 ✓	A21 ✓	21 ✓		21 ✓		21 ✓	921 ✓	
22	90	619, 474 ✓		62 ✓	18.6	22 ✓	14.9 ✓	A22 ✓	22 ✓		22 ✓		22 ✓	922 ✓	
23	30	771 ✓		63 ✓	19.9	23 ✓	15.0 ✓	A23 ✓	23 ✓		23 ✓		23 ✓	923 ✓	
24	5	765 ✓		64 ✓	20.2	24 ✓	15.1 ✓	A24, A26, 24A, B ✓			24 ✓		24 ✓	924 ✓	
Sampler Initials				CL			GNP			Dm	Dm				

* hose clamp broken on 17
lower