

Lat: 15 59.574 S
 Lon: 10 15.571 E

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33RO21010308					
Station/Cast		Sampling		Sampling		Bottom									
Station/Cast		Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth		C14Box		NutBox	SaltBox		
69	1		3/31/10	23:35		4/1/10	01:13	5485		120/440		Green	100		
Niskin		CFC		Helium	Oxygen	Oxygen							Nut	Salt	
Number	Press	Syringe	Tube	Flask	Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium	Tube	Bottle	Comments
5605 1	6-10	632 ✓		41 ✓	4.7	1 ✓	6	A1, A25 ✓	AB	9048 ✓	1 ✓		1, D	101	
2	5300	390 ✓		82 ✓	5.1	2 ✓	7.8	A2 ✓	2 ✓	9049 ✓	2 ✓		2	102, 205	
3	4900	412 ✓		43 ✓	5.2	3 ✓	9	A3 ✓	3 ✓	9050 ✓	3 ✓		3	103	
4	4500	753 ✓		44 ✓	5.2	4 ✓	11	A4 ✓	4 ✓	9051 ✓	4 ✓		4	104	
5	4100	761 ✓		45 ✓	5.5	5 ✓	12	A5 ✓	5 ✓	9052 ✓	5 ✓		5	105	
6	3700	772, 294 ✓		46 ✓	6.2	6 ✓	13	A6 ✓	6 ✓	9053 ✓	6 ✓		6	106	
7	3300	437 ✓		47 ✓	5.8	7 ✓	14	A7 ✓	7 ✓	9054 ✓	7 ✓		7	107	
8	2900	295 ✓		48 ✓	6.1	8 ✓	15	A8 ✓	8 ✓	9055 ✓	8 ✓		8	108	
9	2500	635 ✓		49 ✓	6.3	9 ✓	16	A9 ✓	9 ✓	6510 ✓	9 ✓		9	109	
10	2200	277 ✓		50 ✓	6.7	10 ✓	17	A10 ✓	10 ✓	6511 ✓	10 ✓		10	110	
11	1800	278 ✓		51 ✓	7.1	11 ✓	18	A11 ✓	11 ✓	6512 ✓	11 ✓		11	111	
*12	1600	765 ✓		92 ✓	7.2	12 ✓	19	A12 ✓	12 ✓	6513 ✓	12 ✓		12	112	
13	1400	474 ✓		53 ✓	7.5	13 ✓	20	A13 ✓	13 ✓	6514 ✓	13 ✓		13	113	
14	1200	264 ✓		54 ✓	7.5	14 ✓	21	A14 ✓	14 ✓	6515 ✓	14 ✓		14	114	
15	1000	417 ✓		55 ✓	7.5	15 ✓	22	A15 ✓	15 ✓	6516 ✓	15 ✓		15	115	
16	800	476 ✓		56 ✓	7.8	16 ✓	23	A16 ✓	16 ✓	6517 ✓	16 ✓		16	116	
O2 MIN 17	650	619 ✓		57 ✓	8.7	17 ✓	34	A17, A27 ✓	17 ✓	6518 ✓	17 ✓		17	117	
18	500	272 ✓		58 ✓	9.8	18 ✓	35	A18 ✓	18 ✓	6519 ✓	18 ✓		18	118	
19	350	385 ✓		59 ✓	12.0	19 ✓	36	A19 ✓	19 ✓	6520 ✓	19 ✓		19	119	
20	250	297 ✓		60 ✓	14.1	20 ✓	37	A20 ✓	20 ✓	6521 ✓	20 ✓		20	120	
21	150	585, 580 ✓		61 ✓	16.6	21 ✓	38	A21 ✓	21 ✓	6522 ✓	21 ✓		21	121	
22	100	756 ✓		62 ✓	19.2	22 ✓	39, 40	A22 ✓	22 ✓	6523 ✓	22 ✓		22	122	
23	40	433 ✓		63 ✓	22.8	23 ✓	41	A23 ✓	23 ✓	6524 ✓	23 ✓		23	123	
24	5	477 ✓		64 ✓	23.2	24 ✓	42	A24, 26 ✓	24 ✓	6525 ✓	24 ✓		24	124	
Sampler Initials		JB, IF		CL		YT	GHP	AK	EB	DM	DM		CF	KM, KS	

replace #12 stop cock - very difficult to push in