

28°30' S

01°45' E

KJM

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33RO21010308							
		Sampling				Sampling		Bottom						Air = 20.1 Temp			
Station/Cast	Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth		C14Box			NutBox	SaltBox				
52/1		3/27/10	10:10	3/27/10	3/27/10	11:32	4168					Blue	500				
Niskin	CFC	Helium	Oxygen	Oxygen								Nut	Salt				
Number	Press	Syringe	Tube	Flask	Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium	Tube	Bottle	Comments		
42301	6.10	635 ✓		1	4.2	1 ✓	18 ✓	81.825	11.13				D1	501			
2	3900	235 ✓		2		2	18	82									
3	3600	596 ✓		3	4.1	3 ✓	19 ✓	83 ✓	3 ✓				3	503	223		
4	3300			4	4.1	4 ✓	20 ✓	84 ✓	4 ✓				4	504			
5	3000	772 ✓		5	4.3	5 ✓	21 ✓	85 ✓	5 ✓				5	505			
6	2800			6	4.4	6 ✓	22 ✓	86 ✓	6 ✓				6	506			
7	2600	766 ✓		7	4.6	7 ✓	23 ✓	87 ✓	7 ✓				7	507			
8	2400			8	4.6	8 ✓	24 ✓	88 ✓	8 ✓				8	508			
9	2200	294 ✓		9	4.8	9 ✓	25 ✓	89 ✓	9 ✓				9	509			
10	2000			10	4.9	10 ✓	26 ✓	90 ✓	10 ✓				10	510			
11	1800	585 ✓		11	5.4	11 ✓	27 ✓	91 ✓	11 ✓				11	511			
12	1600			12, 39	5.4	12 ✓	28 ✓	92 ✓	12 ✓				12	512			
13	1400	761 ✓		83, 40	5.7	13 ✓	29 ✓	93 ✓	13 ✓				13	513			
14	1200			14	5.9	14 ✓	30 ✓	94 ✓	14 ✓				14	514			
15	1000	433 ✓		15	6.3	15 ✓	31, 32 ✓	95 ✓	15 ✓				15	515			
16	750	632 ✓		16	7.6	16 ✓	33 ✓	96 ✓	16 ✓				16	516			
17	600	757 ✓		17	8.8	17 ✓	34 ✓	97 ✓	17 ✓				17	517			
18	450	412 ✓		18	11.3	18 ✓	35 ✓	98 ✓	18 ✓				18	518			
19	350	756 ✓		19	12.4	19 ✓	36 ✓	99 ✓	19 ✓				19	519			
20	225	262 ✓		20	14.6	20 ✓	37 ✓	100 ✓	20 ✓				20	520			
21	110	297 ✓		21	16.2	21 ✓	38 ✓	101 ✓	21 ✓				21	521			
22	65	765, 277 ✓		22	18.0	22 ✓	39 ✓	102 ✓	22 ✓				22	522			
23	40			23	20.6	23 ✓	40, 41 ✓	103 ✓	23 ✓				23	523			
24	5	476 ✓		24	21.4	24 ✓	42 ✓	104 ✓	24 ✓				24	524			
Sampler Initials		DW, PB		GB, CF		YT		KFS		CP		EB		CF			

O<sub>2</sub> min @ 1200 40m mixed layer

5 min @ 750

7 did not trip latch released but it didn't unhook