

KJM

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33RO21010308						
Lat: 50°59.998'S Lon: 0°24.942'E										max pressure: 2057						
Station/Cast		Sampling Start(UT Date		Time		Sampling End(UT Date		Time		Bottom	Depth		C14Box	NutBox	SaltBox	
711		3/16/10		02:15		3/16/10		04:00		2146				Green	6	
Niskin		CFC	Helium	Oxygen	Oxygen									Nut	Salt	
Number	Press	Syringe	Tube	Flask	Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium		Tube	Bottle	Comments
2047 1	6-10	297	205	✓	1	1.4	✓	33	✓	A1, A25	18, 14	✓	25	1	601	
2	1900				2	1.5	✓	34	✓	A2	2	✓		2	602	605
3	1800				3	1.6	✓	35	✓	A3	3	✓		3	603	
4	1700	294	207	✓	4	1.7	✓	37	✓	A4	4	✓	28	4	604	no sample (no water) moved by
5	1600				5	1.8	✓	38	✓	A5	5	✓		5	605	cap (11d)
6	1500				6	1.9	✓	39	✓	A6	6	✓	2926	6	606	
7	1400	771	212	✓	7	2.0	✓	40	✓	A7	7	✓		7	607	
8	1300				8	2.1	✓	41	✓	A8	8	✓	2927	8	608	
9	1200	613	214	✓	9	2.2	✓	42	✓	A9	9	✓	2929	9	609	
10	1100				10	2.3	✓	46	✓	A10	10	✓	2930	10	610	
11	1000	277-2	215	✓	11	2.3	✓	50	✓	A11	11	✓	2931	11	611	
12	900				12	2.4	✓	51	✓	A12	12	✓	2932	12	612	
13	800	753	217	✓	13	2.5	✓	52	✓	A13	13	✓	2933	13	613	
14	700				14	2.6	✓	53	✓	A14	14	✓	2934	14	614	
15	600	580	219	✓	15	2.7	✓	54	✓	A15	15	✓	2935	15	615	
16	500				16	2.6	✓	56	✓	A16	16	✓	2936	16	616	
LEAK → 17	400	412	220	✓	17	2.7	✓	57	✓	A17	17	✓	2937	17	617	leaking
18	300	412	220	✓	18	2.7	✓	58	✓	A18	18	✓	2938	18	618	
19	200	766	221	✓	19	2.4	✓	60	✓	A19	19	✓	2939	19	619	ran out of water
20	150				20	2.3	✓	128	✓	A20	20	✓	2940	20	620	
21	100	596	223	✓	21	3.8	✓	129	✓	A21	21	✓	2941	21	621	
22	50				22	4.6	✓	130, 131	✓	A22	22	✓		22	622	
23	25	757	224	✓	23	4.6	✓	132	✓	A23	23	✓	5426	23	623	
24	5	474	225	✓	24	4.7	✓	133	✓	A24	24	✓		24	624	
Sampler Initials		PB	AD	GB, CF		YT	KS	AK	YT	DM	DM	AD	CF	KS, KM		

2.3 11
on #5 actual vent closed
no sample (no water) moved by cable
but still no sample

LEAK →

CFC & He switch 17 to 18
& Tritium
b/c 17 leaking

- bottle 5 empty for salinity

NISKIN
- bottle 1 sampled at 2047

* ran out of water for salinity on bottles 1 and 10