

Lat: 37° 0.084'S
Lon: 0° 59.969'E

Michael Frank / Sprathead
July

KJM

A13.5_2010 Sample Log NOAA Ship Ronald H. Brown										EXPO Code 33RO21010308				KJM	
Station/Cast		Sampling		Sampling		Bottom									
		Start(UTC)	Date	Time	End(UTC)	Date	Time	Depth	C14Box		NutBox		SaltBox		
35 1			3/23/10	01:58		3/23/10	03:30	4948			Green		100		
Niskin	CFC	Helium	Oxygen	Oxygen											
Number	Press	Syringe	Tube	Flask	Temp	pH	pCO2	DIC	Alk	C-14	DOC	Tritium	Nut Tube	Salt Bottle	Comments
50271	510	613		41	3.1	1	1	A1.425	1A, 1B		1		1, D	101	
2	4700	277/772		82	3.6	2	2.3	A2	2		2		2	102	211
3	4300	295		43	3.5	3	3	A3	3		3		3	103	
4	3500	277		44	4.1	4	4	A4	4		4		4	104	
5	3100	477		45	4.2	5	5	A5	5		5		5	105	
6	2900	598		46	4.5	6	6	A6	6		6		6	106	
7	2600	235		47, 79	4.5	7	7	A7	7		7		7	107	
8	2300	272		48	4.9	8	8	A8	8		8		8	108	
9	2000	619		49	4.9	9	9	A9	9		9		9	109	
10	1800	479		50	5.0	10	10	A10	10		10		10	110	
11	1600	262		51	5.1	11	11	A11	11		11		11	111	
12	1400	757		92	5.3	12	12	A12	12		12		12	112	
13	1200	297		53	5.6	13	13	A13	13		13		13	113	
14	1000	585		54	5.9	14	14	A14	14		14		14	114	
15	850	759		55	6.4	15	15	A15	15		15		15	115	
16	700	596		56	7.4	16	16	A16	16		16		16	116	
17	550	761		57	8.9	17	17	A17	17		17		17	117	upper hose clamp
18	400	412		58, 80	10.7	18	18	A18	18		18		18	118	
19	300	766		59	11.9	19	19	A19	19		19		19	119	
20	200	2712		60	13.0	20	20	A20	20		20		20	120	
21	100	769		61	14.1	21	21	A21	21		21		21	121	
22	75	294/756		62	15.3	22	22	A22	22		22		22	122	
23	50	476		63	17.1	23	23	A23	23		23		23	123	
24	5	765		64	18.2	24	24	A24	24		24		24	124	
Sampler Initials		PB, JB		GB		YT	KFS	AK	EB		DM		CF	KM, KS	

upper hose clamp broke on bottle 16, put new one on