

XBT LogSheet

Smith Island Track Southbound							
Cruise ID: LMG03-06 SB							
XBT Start Date: 24 September 2003							
Latitude	Additional Events At This Latitude	Operator	Time GMT	Drop #	Depth	Notes	Launch Tube#
054 48.00 S	SALT/TCO2	MG	0:48	1	102	Good	1
054 54.00 S		jm	1:20	2	130	Good	2
055 00.00 S	SALT/TCO2	JBF	1:54	3	349	Good	3
055 06.00 S		JBF	2:29	4	1488	Good	4
055 12.00 S		JM	3:04	5	1974	reloaded launcher	5
055 18.00 S		JBF	3:42	6		nice drop	6
055 24.00 S		KSK	4:21	7		Small 1deg spake at 200m	1
055 30.00 S		RCL	4:54	8		Bad Drop broke a 200m	2
		RCL	5:06	9		Drop 2nd Drop broke a 250m	3
55 31.86		RCL		10		Drop 3 Drop broke a 250m	4
55 34.62		fwas		11		Test Probe, worked fine	1
055 36.00 S		fwas	5:38	12		wire broke about 280m, Forth in a row to break	2
55 38.261 S		fwas	5:53	13		Good, no reason was found for the break of the wire.	1
055 42.00 S		fwas	6:18	14		Good	2
055 48.00 S		RCL	6:57	15		Good	3
055 54.00 S		rcl	7:37	16		was good but said it was bad, fixed it	4
056 00.00 S	DROP XCTD SALT/TCO2	ML	8:23	17	?	failed	5
		ML	8:23	18	?	failed; retry on 17 and failed.	6
056 06.00 S		ML	9:01	19	3746	good	1
056 12.00 S		ML	9:44	20	3740	failed on wrong tube- manual drop good	1
056 18.00 S		ML	9:47	21	3740	failure	2
		ML		22		manual fire, good drop	3
056 24.00 S		ML		23		good profile but temp at surface began at ~ 8 C, ended ~ 6 C	4
056 30.00 S	SALT/TCO2	ML	11:00	24	3604	good	5
056 36.00 S		HO	12:16	25	3729	good	6
056 42.00 S		KS	12:51	26	3707	failed	1
56 42.54			12:54	27	3815	manual fire, good drop	2
056 48.00 S		KS	13:26	28	3849	good drop	3

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056 54.00 S		KS	14:03	29	3,000+	failed	4
		ks	14:06	30	2,731	manual fire, good drop	5
057 00.00 S	DROP XCTD SALT/TCO2	KS	14:39	31	4,000	failed	1
		KS	14:43	32	4,000	failed; dropped ok but the temp went over 10 deg C	2
		KS	14:45	33	3,958	dropped until 600, then broke	3
057 06.00 S		HO	15:17	34	~4000	shaky start, but seemed okay after	4
057 12.00 S		ks	15:55	35	3940	good drop	5
057 18.00 S		fwas	16:34	36	4295	good drop	6
057 24.00 S		fwas	17:13	37	3941	good drop	1
057 30.00 S	DROP XCTD SALT/TCO2	fwas	17:52	38	4068	good drop	2
057 36.00 S		fwas	18:32	39	4404	wire broke @ 270m	3
57 36.54		fwas	18:35	40	4403	good redrop	4
057 42.00 S		fwas	19:12	41	3965	good drop	1
057 48.00 S		fwas	19:50	42	4123	Big Spike @ 350 but recovered so called it good	2
057 54.00 S		fwas	20:31	43	4286	good drop	3
058 00.00 S	DROP XCTD SALT/TCO2	fwas	21:08	44	3406	good drop	4
058 06.00 S		fwas	21:48	45	4000	wire broke @ 280m	5
58 6.46		fwas	21:51	46	4000	good drop	6
058 12.00 S		fwas	22:28	47	2644	good drop	1
058 18.00 S		fwas	23:05	48	3895	good drop	2
058 24.00 S		fwas	23:41	49	4002	good drop	3
058 30.00 S	SALT/TCO2	mh	0:19	50	3883	good drop	4
058 36.00 S		jm	0:57	51	3837	good drop; reload	5
058 42.00 S		jbf	1:36	52	3808	good drop	6
058 48.00 S		jm	2:12	53	3770	good drop	1
058 54.00 S		jbf	2:49	54	3430	good drop	2
059 00.00 S	DROP XCTD SALT/TCO2 Bo	mh	3:25	55	3756	good drop	3
059 06.00 S		rcl	4:03	56		good drop	4
059 12.00 S		rcl	4:38	57		good	1
059 18.00 S		rcl	5:16	58		accepted as good, spiked at about 550 mters	2

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059 24.00 S		rcl	5:51	59		Spiked at the first few meters but after that it acted normal so: good	3
059 30.00 S	SALT/TCO2	rcl	6:27	60		I accepted as good computer said it was bad	4
059 40.00 S		rcl	7:28	61		Bad Drop broke a 250m	5
		rcl	7:30	62		good, manual drop to replace #62	6
059 50.00 S		ml	8:26	63	?	good	1
060 00.00 S	SALT/TCO2 Bouy	ml	9:28	64	3764	at straight down aspect + so I took it as good	2
060 10.00 S		ml	10:28	65	3818	Failed ckproof but only because of previous profile spike. Edited as good	3
060 20.00 S		ml	11:29	66	3598	good	4
060 30.00 S	DROP XCTD SALT/TCO2	KS	12:31	67	3880	good drop	5
060 40.00 S		HO	13:32	68	3640	drop had one spike, otherwise okay	6
060 50.00 S		WB	14:32	69	3804	Good drop	1
061 00.00 S	SALT/TCO2	KS	15:31	70		good drop	2
061 10.00 S		fwas	16:35	71	3556	good drop	3
061 20.00 S		fwas	17:37	72	3407	good drop	4
061 30.00 S		fwas	18:42	73	3402	good drop	1
061 40.00 S		fwas	19:43	74	3426	good drop	2
061 50.00 S		fwas	20:47	75	3844	good drop	3
062 00.00 S	SALT/TCO2	fwas	21:51	76	4634	good drop	4
062 06.00 S		fwas	22:28	77	3439	good drop	5
062 12.00 S		fwas	23:05	78	2113	good drop	6
062 18.00 S		fwas	23:42	79	1738	good drop	1
062 24.00 S		jbf	00:17	80	1590	good drop	2
062 30.00 S		jm	00:53	81	230	Bad drop	3
062 30.00 S		jm	00:57	82	230	good drop	4
062 36.00 S		jm	01:29	83	190	good drop	5
062 42.00 S	SALT/TCO2	jbf	2:17	84	246	bad drop from 6 reload/redrop from 1	1
070 00.00 S	point never reached						