

XBT LogSheet

Smith Island Track Southbound

Cruise ID: RMG1305

XBT Start Date: 132

Latitude	At This Latitude	Operator	Time GMT	XBT#	DEPTH	Notes	Launch Tube#
54° 48' S	Water Sample #1	cd	17:25	1161166	Depth: 91		1
54° 54' S		cd	17:57	1161167	Depth: 134		2
55° 00' S	Water Sample #2	cd	18:30	1161168	Depth: 354		3
55° 06' S		cd	19:08	1161169	Depth: 1538		4
55° 12' S		cd	19:40	1161170	2155 m		5
55° 18' S		SRB	19:17	1161172	2609 m		6
55° 24' S		CR	20:53	1161175	2540 m		7
55° 30' S		RB	21:34	1161171	3010 m		8
55° 36' S		MAT	22:12	1161176	3938		9
55° 42' S		SRB	22:47	1161174	3538		10
55° 48' S		CR	23:22	1161173	3829		11
55° 54' S		RB	23:56	1161177	3750		12
56° 00' S	^{XBT} XCTD #1 / Water #3	MAT	00:30	1161554	3678	10110801	13
56° 06' S		MAT	01:04	1161558	3065		14
56° 12' S		MAT	01:38	1161550	3661		15
56° 18' S		SRB	02:12	1161559	3369		16
56° 24' S		MAT	02:45	1161555	3173		17
56° 30' S	XCTD #2 / Water #4	SLM	03:20	1161551	2412		18
56° 36' S		SRB	03:56	1161560	2933		19
56° 42' S		JL	04:35	1161557	4125		20
56° 48' S		UK	05:10	1161552	3921		21
56° 54' S		BM	05:44	1161553	3922		22
57° 00' S	XCTD #3 / Water #5	UK	06:21	1161556	4025		23
57° 06' S		UK	06:59	1161548	3914		24
57° 12' S		JL	07:28	1161540	3802		25
57° 18' S	XCTD #4	JL	07:58		4024		26
57° 24' S		JL	08:33	1161539	4171		27

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	JG	09:06	1161	3268 m	28
57° 36' S		JG	09:40	1161549	4053 m	29
57° 42' S		JG	10:13	1161547	4174	30
57° 48' S	XCTD #6	JG	10:46	1161538	4363	31
57° 54' S		JG	11:18	1161542	4246	32
58° 00' S	XCTD #7 / Water #7	JG	11:52	1161546	3496	33
58° 06' S		PQ	12:25	1161585	3376	34
58° 12' S		PQ		1161581	3335	35
58° 18' S	(first one failed - wire hit boat)	PQ	13:32	1161584	3746	36B
58° 24' S		PQ	14:06	1161580	4109	37
58° 30' S	XCTD #8 / Water #8	SW	14:42	1161576	3825 / ^{XCTD} 10110852	38
58° 36' S		PD	15:16	1161579	3810	39
58° 42' S		PQ	15:52	1161575	3941	40
58° 48' S		CD	16:28	1161574	3832	41
58° 54' S		CD	17:05	1161583	3557	42
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE	CA/SP	17:43	1161578	3881	43
59° 06' S		SP	18:19	1161582	3953	44
59° 12' S		SP	18:57	1161586	3926	45
59° 18' S		SP	19:35	1161587	3799	46
59° 24' S		SW	20:10	1161588	3773	47
59° 30' S	XCTD #10 / Water #10	SRB	20:54	1161591	3955	48
59° 40' S		CA	21:51	1161595	3645	49
59° 50' S	(first probe failed - so did second)	CA	22:53	^{LOST} 1161590	3801 ^{failed} 1161594	50-51
60° 00' S	XCTD #11 / Water #11	SRB	23:48	1161593	3666	52
60° 10' S		MAH	00:50	1161596	3962	53
60° 20' S		SLM	01:54	1161599	3705	54
60° 30' S	XCTD #12 / Water #12	BB	03:03	1161597	4007	55
60° 40' S	^{drop} #56 failed; drop weird; 58 data; suspect	JC	04:14		3746 ^{failed}	56-58
60° 50' S		JC	05:27	1142157	3122	59

Drp #

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
61° 00' S	Water #13	PQ	0641	1142156	1st failed 32nd bad data	60
61° 10' S		JC	0748	1142153	failed drop	61
61° 20' S		JG	0853	1142155	good - 3705	62
61° 30' S		JG	0959	1142149	- 3432	63
61° 40' S		JG	1100	1142147	- 3444	64
61° 50' S		JG	1200	1142150	- 3906	65
62° 00' S	Water #14	SP	1300	1142146	- 4991	66
62° 06' S		PQ	1337		2032m	67
62° 12' S		GA	1412	1161565	1385	68
62° 18' S		PQ	2287	1161587	1st Fail 2280m 2nd 2166 Good	70
62° 24' S		PQ	1811	1161564	Depth: 1810	71
62° 30' S	1st failure computer quit recording early	PQ	1602	1161569	Depth: 452 1st Fail 2nd Fail / 815	73
62° 36' S		cd	1635	1161571	Depth: 456	74
62° 42' S	Water #15	SP	1709	1161566	Depth: 592	75
70 00' S	point never reached					