

XBT LogSheet

Smith Island Track Southbound						
Cruise ID: <u>LM64-02</u>						
XBT Start Date: <u>046</u>						
Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
54° 48' S	Water Sample #1	JG	18:08	1	Depth: shallow - 0m	1
54° 54' S		JG	18:45	2	Depth: shallow - 140m	
55° 00' S	Water Sample #2	JG	19:23	3	Depth: 369m	
55° 06' S		TT	20:00	4	Depth: 314m	
55° 12' S		TT	20:37	5	2138m	
55° 18' S		KL	21:16	6	2588m	
55° 24' S		SS	21:54	7	2455 m.	
55° 30' S		HO	22:31	8	d: 393m	
55° 36' S		HO	23:08	9	d 325	
55° 42' S		KP	2350	10		
55° 48' S		KP	0032	11	Redrop!	
55° 54' S		KP	0105	12		
56° 00' S	XCTD #1 / Water #3	KP	0143	13	Fill out XCTD log Attached	
56° 06' S		KP	0220	14		
56° 12' S		KP	0255	15		
56° 18' S		SA	0331	16	good	
56° 24' S		SA	0405	17	good	
56° 30' S	XCTD #2 / Water #4	SA	0439	18	good	
56° 36' S		SA	0512	19		
56° 42' S		SA	0545	20 21	Redrop	
56° 48' S		SA	0619	22		
56° 54' S		SA	0653	23		
57° 00' S	XCTD #3 / Water #5	MIA	0727	24		
57° 06' S		PSM	0800	25		
057° 12' S		MS	0833	26		
57° 18' S	XCTD #4	MIA	0908	27		
57° 24' S		PSM	0941	28		

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	MDN	1012	29		
57° 36' S		JM	1046	30		
57° 42' S		JS	1117	31		
57° 48' S	XCTD #6	COA	1149	32		
57° 54' S		COA	1222	33		
58° 00' S	XCTD #7 / Water #7	COA	1254	34	went below 700m	
58° 06' S		JS	1325	35		
58° 12' S		EG	1356	36		
58° 18' S		JS	1427	37		
58° 24' S		EG	1458	38		
58° 30' S	XCTD #8 / Water #8	JB	1531	39	359	
58° 36' S		KB	1604	40		
58° 42' S		KB	1640	41		
58° 48' S		JB	1714	42	390	
58° 54' S		JB	1749	43	384	
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE	JB	1825	44	390	
59° 06' S		KH	1926	45	392	
59° 12' S		SS	2001	46	389	
59° 18' S		HO	2036	47		
59° 24' S		SS	2110	48	400	
59° 30' S	XCTD #10 / Water #10	SS	2146	49	374	
59° 40' S		SS	2243	50	389	
59° 50' S		KP		51	Redup	
60° 00' S	XCTD #11 / Water #11	CT	00412	52		
60° 10' S		KP	0134	53	Redup (Timed out)	
60° 20' S		KP	0229	54		
60° 30' S	XCTD #12 / Water #12	CM	0325	55		
60° 40' S		BO	0421	56		
60° 50' S		SA	0515	57		

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
61° 00' S	Water #13	BO	0611	58		
61° 10' S		RM	0706	59		
61° 20' S		RM	0802	60		
61° 30' S		RM	0859	61		
61° 40' S		MDA	0956	62		
61° 50' S	@ 51.0's	SCW	1057	63 64	63 shred/fraced entire cast ← w/ XBT had only been deployed a few seconds	
62° 00' S	Water #14	COL	1146	65		
62° 06' S		KJW	1218	66		
62° 12' S		KJW	1250	67		
62° 18' S		CDA	1322	68		
62° 24' S		JS	1354	69	Depth: 3016	
62° 30' S		KW	14:26	70	Depth: 2772	
62° 36' S		KB	15:00	71	Depth: 2171 @ 15:05	
62° 42' S	Water #15	VG	15:32	72	Depth: 2000	
70 00' S	point never reached					