

# XBT LogSheet

Smith Island Track Southbound						
Cruise ID: LMG1408						
XBT Start Date: 14 Sep, 2014						
Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube
54° 48' S	Water Sample #1	4p	1949		Depth: 108	
54° 54' S		4p	2020		Depth: 139 Redrop	
55° 00' S	Water Sample #2	CG	2055		Depth: 358	
55° 06' S		CG	2136		Depth: 1585	
55° 12' S		CG	2209		1249	
55° 18' S		JO	2247		2454	
55° 24' S		JT	2322		xxx deep	
55° 30' S		JT	0000		3017	
55° 36' S		MG	0041		2108	
55° 42' S		KL	0122		3554	
55° 48' S		JT	0158		3365	
55° 54' S		JT	0235		3765	
56° 00' S	XCTD #1 / Water #3	JG	0312		44408 21	
56° 06' S		JG	0350		Redrop @ 0355 GMT	
56° 12' S		JG	<del>0428</del> 0428	redrop	3382	
56° 18' S		JG	0503		3406	
56° 24' S		JG	0538		3178	
56° 30' S	XCTD #2 / Water #4	JG	0609		2538	
56° 36' S		JG	0650		2916	
56° 42' S		JL	<del>0726</del> 0726		4132	
56° 48' S		JL	0802		3928	
56° 54' S		JL	0838		3924	
57° 00' S	XCTD #3 / Water #5	DP	0912		4020	
57° 06' S		JL	0946		3936	
57° 12' S		JL	10:20		3883	
57° 18' S	XCTD #4	JL	11:00		4008	
57° 24' S		JC	1139		4306	

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	JO	12:05			
57° 36' S		JJ	1234		4061	
57° 42' S		JO	13:08			
57° 48' S	XCTD #6	JO	13:41			
57° 54' S		JO	14:16		84241	
58° 00' S	XCTD #7 / Water #7	JO	1449		3579 (depth)	
58° 06' S		WLP	1523			
58° 12' S						
58° 18' S		MC	1630			
58° 24' S		PAW	1704			
58° 30' S	XCTD #8 / Water #8	MC	1737			
58° 36' S		MC	1810			
58° 42' S		MC	1840			
58° 48' S		CG	1916	41		
58° 54' S		CG	1949	42		
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE	CG	2022	43		
59° 06' S		JDO	2125	44		
59° 12' S		CG	2157	45		
59° 18' S		JDO	2231	46		
59° 24' S		KL	2304		3967	
59° 30' S	XCTD #10 / Water #10	JB	2340			
59° 40' S		JB	31			
59° 50' S		KL	0126		3864	
60° 00' S	XCTD #11 / Water #11	JO	0223			
60° 10' S		MG	0226		3851	
60° 20' S		JB	0321		3962	60° 10'
60° 30' S	XCTD #12 / Water #12	JB	0412		3707	60° 20'
60° 40' S		JB	0513		4000	60° 30'
60° 50' S		JB	0607		3730	60° 40'
		JB	0704		3920	60° 50'

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tubal
61° 00' S	Water #13	DP	8:01	3891		
61° 10' S		JL	08:57	3578		
61° 20' S		JL	9:55	3464	first xBT ground out, second deployment fine	
61° 30' S		JL	10:53	3437	first ground out at 800m	
61° 40' S		JO			? x3 (data spike to 25°C)	
61° 50' S		JO	12:51			
62° 00' S	Water #14	JO	13:51		x2 (data spike to 25°C)	
62° 06' S		JO	14:29			
62° 12' S						
62° 18' S		PAR	1530		Line Broke @ 300M	
62° 24' S		MC	1606		→ #1 broke @ 175m Depth: → dropped a second	
62° 30' S		MC	1637		Depth: 700M	
62° 36' S		PAR	1712		Depth: 900M	
62° 42' S	Water #15	MC	1750		Depth: 900M	
70 00' S	point never reached					

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