

# XBT LogSheet

Smith Island Track Southbound

Cruise ID:

XBT Start Date:

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
54° 48' S	Water Sample #1	MD	0216		Depth: 99m	
54° 54' S		MD	0254		Depth: 136 Redrop	
55° 00' S	Water Sample #2	MD	328		Depth: 407	
55° 06' S		MD	0402		Depth: <del>1809</del>	
55° 12' S		MD	0437		1809	Depths all compared to bridge
55° 18' S		MD	0509		1931	
55° 24' S		MD	0542		Screen 2485	
55° 30' S		MD	0620	relaunch	1844 ✓ 3075 - bridge	
55° 36' S			0652		3162	
55° 42' S		\$	07:35			
55° 48' S		\$	07:59			
55° 54' S		BA	08:40	Relaunch		
56° 00' S	XCTD #1 / Water #3	\$	09:08			
56° 06' S		\$	09:47			
56° 12' S			10:23			
56° 18' S		\$	11:00			
56° 24' S		SDM DK UK	11:37			
56° 30' S	XCTD #2 / Water #4	SDM DK UK	1217			
56° 36' S		SDM DK UK	1250			
56° 42' S		SDM DK UK	1324			
56° 48' S		SDM DK UK	1358			
56° 54' S		SDM DK	1433			
57° 00' S	XCTD #3 / Water #5	RW	1509			
57° 06' S		RW	1541			
57° 12' S		RW	1615			
57° 18' S	XCTD #4	RW	1648		XBT Cutoff @ 650m	
57° 24' S		RW	1721			



Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	RW	17:54.33			
57° 36' S		RW	18:28			
57° 42' S		RW	19:02		1 fire/timeout	
57° 48' S	XCTD #6	WD	19:34			
57° 54' S		WKP	20:08		Redrop	
58° 00' S	XCTD #7 / Water #7	WD	20:44			
58° 06' S		WD	21:12			
58° 12' S		WD	21:46		Redrop: Redrop Failed	
58° 18' S						
58° 24' S		WD	22:50			
58° 30' S	XCTD #8 / Water #8	SS	23:24			
58° 36' S		SS	00:00		Redrop	
58° 42' S		SS	00:34		Redrop	
58° 48' S		SS	01:07			
58° 54' S		SS	01:45			
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE	SS	02:15			
59° 06' S		NU	03:13			
59° 12' S		NU	03:48			
59° 18' S		NU	04:21			
59° 24' S		NU	04:57			
59° 30' S	XCTD #10 / Water #10	NU	05:34		XBT cut at 0224m	
59° 40' S		NU	06:25			
59° 50' S		SB	07:20			
60° 00' S	XCTD #11 / Water #11	SB	08:12			
60° 10' S		SB	09:07			
60° 20' S		T	10:02			
60° 30' S	XCTD #12 / Water #12	JT	11:00			
60° 40' S		Sen UK DK	11:50			
60° 50' S		Sen UK DK	12:47		relaunch 1250 due to anomalous data	



Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
61° 00' S	Water #13	DK, <sup>sen</sup> WK	1340			
61° 10' S		DK, <sup>sen</sup> WK	1435			
61° 20' S		RW	1531		Went weird @ 300 meters Red @ 1534	
61° 30' S		RW	1628			
61° 40' S		RW	1723		- went weird @ 250 meters Red @ 1725	
61° 50' S		RW	1819			
62° 00' S	Water #14	wp	1914			
62° 06' S		wp	1947			
62° 12' S		wp	2020			
62° 18' S		wp	2052			
62° 24' S		wp	2124		Depth: 1805	
62° 30' S		wp	2158		Depth: 1027(?) Red up	
62° 36' S		wp	2236		Depth: 450	
62° 42' S	Water #15	SS	2311		Depth: 600	
70 00' S	point never reached					