

# 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	MAH	23:45	1	Depth: 99	
54° 54' S		MAH	00:09	2	Depth: 133	
55° 00' S	Water Sample #2	MAH	00:45	3	Depth: 140	
55° 06' S		MAH	01:15	4	Depth: 1700 m	
55° 12' S		MAH	01:45	5	2025 m	
55° 18' S		MAH	02:19	6	2558 m	
55° 24' S		MAH	02:52	7	2461 m	
55° 30' S		MAH	03:25	8	2882 m	
55° 36' S		MAH	03:59	9	3319 m	
55° 42' S		ML	04:33	10	3371 m	
55° 48' S		ML	05:10	11	3658 m	launched one no data recorded another
55° 54' S		ML	05:45	12	3782	1142141
56° 00' S	XCTD #1 / Water #3	ML	06:17	13	3924	
56° 06' S		ML	06:55	14	1772	
56° 12' S		ML	07:25	15	2571	
56° 18' S		JG	07:56	16	2967	
56° 24' S		JG	08:29	17	3070	
56° 30' S	XCTD #2 / Water #4	JG	09:02	18	3192	
56° 36' S		JG	09:35	19	3461	
56° 42' S		JG	10:09	20	3604	
56° 48' S		JG	10:39	21	3895	
56° 54' S		JG	11:12	22	3934	
57° 00' S	XCTD #3 / Water #5	JG	11:46	23	3424	
57° 06' S		AW	12:20	24	3871	
057° 12' S		AW	12:53	25	672	
57° 18' S	XCTD #4	AW	13:26	26	992 m	XCTD stopped receiving
57° 24' S		AW	13:58	27	No depth listed - sonar	

reading was frozen at 0m at time of drop  
a couple later went to 15

XCTD  
terminate

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	AW	1431	28	103m - not sure if sonar was	still off
57° 36' S		AW	1505	29	203m	
57° 42' S		AW	1537	30	230m	
57° 48' S	XCTD #6	OT	1608	31/6	4396m	0803 7246
57° 54' S		AD	1644	32		
58° 00' S	XCTD #7 / Water #7	JS	1716	33	2397	
58° 06' S		DA	1749	34	3136	
58° 12' S		ST	1819	35	3649m	
58° 18' S		EMA	1852	36	4036m	
58° 24' S		OMR	1925	37	3485m	
58° 30' S	XCTD #8 / Water #8	ro	2000	38	3687	
58° 36' S		OMR	2033	39	3704	
58° 42' S		OMR	2108	40	3838	
58° 48' S		SMJ	2142	41	3878	
58° 54' S		SMJ	2217	42	3853	
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE	SMJ	2251	43	3888	
59° 06' S		SMJ	2346	44	3921	
59° 12' S		MAH	00:21	45	3922	
59° 18' S		MAH	00:56	46	3928	LAUNCH#2
59° 24' S		MAH	01:30	47	4275	TIME: 03:05
59° 30' S	XCTD #10 / Water #10	MF	02:05	48	3774	XBT: 49B
59° 40' S		MAH	03:01	49A	3641	DEPTH: 3654
59° 50' S		MAH	03:56	50	3752	
60° 00' S	XCTD #11 / Water #11	ML	04:56	51	3832	XCTD Data ?
60° 10' S		ML	05:45	52	2667	
60° 20' S		ML	06:43	53	3715	launch 2 elect no record
60° 30' S	XCTD #12 / Water #12	ML	07:35	54	3511	
60° 40' S		JB	0827	55	3778	
60° 50' S		JB	0920	56	3675	



Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
61° 00' S	Water #13	JG	1016	57	3595	
61° 10' S		JG	1107	58	3672	
61° 20' S		JG	1202	59	3556 -delayed drop	
61° 30' S		AW	1257	60	3659	
61° 40' S		AW	1351	61	3527	
61° 50' S		AW	1445	62	3645	
62° 00' S	Water #14	AW	1540	63	4020	
62° 06' S		JT	1613	64	4384	
62° 12' S		JT	1647	65	4715	
62° 18' S		AD	1720	66	4711	
62° 24' S		AD	1753	67	Depth: 3829	
62° 30' S	No XBT'S				Depth:	
62° 36' S	Left - JT				Depth:	
62° 42' S	Water #15				Depth:	
70 00' S	point never reached					