

# XBT LogSheet

Smith Island Track Southbound					
Cruise ID:					
XBT Start Date:					
Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes
54° 48' S	Water Sample #1	KRed	1825	1	Depth: 92
54° 54' S		ii	1914	2	Depth: 135
55° 00' S	Water Sample #2	ii	2003	3	Depth: 360
55° 06' S		KRed	2048	4	Depth:
55° 12' S		KRed	2128	5	
55° 18' S		KRed	2204	6	
55° 24' S		KRed	2328	7	
55° 30' S				8	
55° 36' S		KA	0009	9	launched 2 probes
55° 42' S		B	0047	10	930
55° 48' S		KA	0132	11	
55° 54' S		KA	0214	12	870 m
56° 00' S	XCTD #1 / Water #3	B			Bad Probe
56° 06' S		KA	0343	13	launched 2 probes
56° 12' S		DB	0421	15	
56° 18' S		DB	0502	16	
56° 24' S		DB	0541	17	
56° 30' S	XCTD #2 / Water #4	DB	0624	18 #2	
56° 36' S		DB	0707	19	1st attempt failed
56° 42' S		DB	0747	20	
56° 48' S		DB	0830	21	
56° 54' S		DB	0912	22	
57° 00' S	XCTD #3 / Water #5	DB	0954	23	
57° 06' S		DB	1036	24	
057° 12' S		DB	1115	25	
57° 18' S	XCTD #4	CD	1154	26	1157XCTD #4
57° 24' S		CD	1231	27	

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes
57° 30' S	XCTD #5 / Water #6	ET	13:12	28	
57° 36' S		ET	13:47	29	
57° 42' S		ET	14:23	30	
57° 48' S	XCTD #6	ET	14:59	31	
57° 54' S		ET	15:34	32	
58° 00' S	XCTD #7 / Water #7	IT	16:11	33	
58° 06' S		IT	16:49	34	re-launch because the wire hit side of ship & caused missed data
58° 12' S		AR	17:26	35	
58° 18' S		AR	18:09	36	RE LAUNCH BECAUSE OF WIRE HIT SIDE OF SHIP & CAUSED MISSED DATA
58° 24' S		AR	18:44	37	
58° 30' S	XCTD #8 / Water #8	AR	19:27	38	XCTD BROKE ON THE SHIP
58° 36' S		AR	20:06	39	
58° 42' S		AR	20:44	40	REDROP
58° 48' S		AR	21:31	41	
58° 54' S		AR	22:12	42	
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE				missed
59° 06' S		B	23:55	44	
59° 12' S		BT	00:38	45/46	LAUNCHED (2) DUE TO MISFIRE
59° 18' S		B	01:18	47/48	
59° 24' S		B	02:05	48/49	
59° 30' S	XCTD #10 / Water #10 / XTD	B	02:51	49/50	
59° 40' S		DB	04:10	50/51	59 40.196 1 misfire
59° 50' S		DB	05:38	50	
60° 00' S	XCTD #11 / Water #11	DB	07:18	51/11	Lost 1st Launched 2nd
60° 10' S					Too WINDY
60° 20' S		DB	11:00	53	Lost to wind
60° 30' S	XCTD #12 / Water #12	CD	—	—	Not launched - WIND
60° 40' S		i	14:24	55	re-launched; bad data; wire hit side
60° 50' S		i	15:44	56	re-launched; bad data; wire hit side

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes
61° 00' S	Water #13	II	16:54	57	
61° 10' S		II	18:10	58	
61° 20' S		II	19:52	59	
61° 30' S		Kr	21:48	60	REDROP
61° 40' S		Ked	23:21	61	
61° 50' S		KA	00:45	62	
62° 00' S	Water #14	S	02:02	63	
62° 06' S		KA	02:57	64	
62° 12' S ✓		S	03:46	65	
62° 18' S		DB	04:39	66	
62° 24' S 25'		DB	05:34	67	Depth: 2130
62° 30' S		DB	06:09		Depth: 3845
62° 36' S		DB	06		Depth: CYCLE ENDED
62° 42' S	Water #15				Depth:
70 00' S	point never reached				

9 05/22 143 2-day  
 36 05/23 144  
 19 05/24 145  
 7 05/25 146