

# XBT LogSheet

Smith Island Track Southbound

Cruise ID: LMG1501

XBT Start Date: 30 Dec 2014

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
54° 48' S	Water Sample #1	ACC	23:52	1195863	Depth: 100 m	2
54° 54' S		ACC	0023	1195855	Depth: 133	3
55° 00' S	Water Sample #2	ACC	0059	1195854	Depth: 367	4
55° 06' S		ACC	0135	1195862	Depth: 1708	5
55° 12' S		ACC	0209	1195858		6
55° 18' S		ACC	0245	1195861		7
55° 24' S		MJC	0323	1195857		8
55° 30' S		MJC	0400	1195853		9
55° 36' S		MJC	0436	1195860		10
55° 42' S		MJC	0513	1195856		11
55° 48' S		MJC	0553	1195852		12
55° 54' S		MJC	0627	1176031		13
56° 00' S	XCTD #1 / Water #3	MJC	0712	1176030		14
56° 06' S		JRL	0743	1176026	3856	15
56° 12' S		JRL	0819	1176023	3812	16
56° 18' S		JRL	0856	1176027	3899	17
56° 24' S		JRL	0934	1176028	3752	18
56° 30' S	XCTD #2 / Water #4	JRL	1014	10110884	3120 - XCTD didn't work - used XBT.	19
56° 36' S		JRL	1053	—	3791	20
56° 42' S		H34	1135	—	4047	21
56° 48' S		H34	1218	1176025	3974	22
56° 54' S		H34	1255	—	2859	23
57° 00' S	XCTD #3 / Water #5	H34	1333	1176022	3907	24
57° 06' S		H34	1414	1086908	3931	25
57° 12' S		H34	1452	1086902	3972	26
57° 18' S	XCTD #4	LL	15:35	1086906	4312	27
57° 24' S		LL	16:07	1086898	3897	28

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	LL	16:44	1086907		29
57° 36' S		LL	17:26	1086904		31
57° 42' S		LL	17:59	1086899		32
57° 48' S	XCTD #6	LL	18:34	1086900		33
57° 54' S		MAH	19:12	<del>1086901</del> bad launch	1086905	35
58° 00' S	XCTD #7 / Water #7	LL	19:47	<del>1086905</del>	1086901 4367	36
58° 06' S		MAH	20:24	1175968		37
58° 12' S		MAH	21:00	1175965		38
58° 18' S		MAH	21:36	1175969		39
58° 24' S		MAH	22:11	1175964		40
58° 30' S	XCTD #8 / Water #8 7:45	MAH	22:45	1175972		41
58° 36' S	8:20	ALC	23:21	1175973		41
58° 42' S	8:55	ALC	23:51	1175963		42
58° 48' S	9:25	ALC	00:35	1175967		43
58° 54' S	10:00	ALC	01:09	1175971		44
59° 00' S	drifter 10:35 XCTD #9 / Water #9 / AIR SAMPLE	ALC	01:47	1175962	PRIFTER # 114590	45
59° 06' S	11:10	ALC	02:29	1175966		46
59° 12' S	11:40	MJC	03:05	1175970		47
59° 18' S	12:15	MJC	03:40	1175956		48
59° 24' S		MJC	04:13	1175955		49
59° 30' S	XCTD #10 / Water #10	MJC	04:49	1175960		50
59° 40' S		MJC	05:42	1175959		51
59° 50' S		MJC	06:39	1175958		52
60° 00' S	XCTD #11 / Water #11 / drifter	JRL	07:42	1175954	Drifter # 114666	53
60° 10' S		JRL	08:32	<del>1175954</del>	1175957	<del>54</del> 55
60° 20' S		JRL	09:27	1175950		56
60° 30' S	XCTD #12 / Water #12	JRL	10:30	1175951		57
60° 40' S		H34	11:34	<del>1175952</del> 1150	corr. message - xBT failed bad port 58	
60° 50' S		H34	12:49	1175862		59

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
61° 00' S	Water #13	HY	1359	<del>1175864</del> ?		(60?)
61° 10' S		HY	1457	1175864	<del>1175864</del> 1175864	(61)
61° 20' S		LL	1603	1175865	1175854	62
61° 30' S		LL	1654	1175854	1175865	63
61° 40' S		LL	1754	1175863		64
61° 50' S		LL	1853	1175859		65
62° 00' S	Water #14	MAH	1950	1175860		66
62° 06' S		MAH	2030	1175861	1175855	67
62° 12' S		MAH	2105	1175856		68
62° 18' S		MAH	2138	1175857		69
62° 24' S		MAH	2212	1086969	Depth: 87 m	870
62° 30' S					Depth:	
62° 36' S					Depth:	
62° 42' S	Water #15				Depth:	
70 00' S	point never reached					