

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes
57° 30' S	XCTD #5 / Water #6	AM	11:30		XBT WIRE BROKE
57° 36' S		AM	12:00		
57° 42' S		DS	12:30		
57° 48' S	XCTD #6	DS	13:20		
57° 54' S		ODM	13:47		
58° 00' S	XCTD #7 / Water #7	DS	14:29		
58° 06' S					
58° 12' S		KM	15:31		
58° 18' S		EHS	16:07		
58° 24' S		KM	16:41		
58° 30' S 30	XCTD #8 / Water #8	OD	17:12		
58° 36' S		KM	17:47		
58° 42' S		EHS	18:21		
58° 48' S		EHS	18:55		
58° 54' S		SAW	19:29		
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE	AM	20:08		
59° 06' S		SAW	21:02		
59° 12' S		BF	21:39		One bad profile re-did
59° 18' S		BF	22:11		
59° 24' S			22:46		
59° 30' S	XCTD #10 / Water #10	JG	22:23		
59° 40' S		CF	00:22		
59° 50' S		JG	01:21		
60° 00' S	XCTD #11 / Water #11	CF	02:19		
60° 10' S		AM	03:18		
60° 20' S		DR	04:17		
60° 30' S	XCTD #12 / Water #12	RM	05:18		XCTD 05:24
60° 40' S		RM	06:12		
60° 50' S		RM	06:58		Accidentally launched only

JG 07:09

3900

KEVINX 111

AUSTIN X106

(72) PROBES DROPPED

XBT LogSheet

Smith Island Track Southbound

Cruise ID: LM 6-1612

XBT Start Date:

Latitude	At This Latitude	Operator	Time GMT	Serial XBT#	Notes
54° 48' S	Water Sample #1	WKP	1934		Depth: 106 m
54° 54' S		WKP	2014		Depth: 132 m
55° 00' S	Water Sample #2	Ami	2050		Depth: 360 m
55° 06' S		WKP	2128		Depth: 900+
55° 12' S		BF	2203		
55° 18' S		BF	2237		
55° 24' S		II	2312		✓
55° 30' S		JG	2346		
55° 36' S		CF	0019		
55° 42' S		CF	0053		
55° 48' S		CF	0127		
55° 54' S		JG	0200		
56° 00' S	XCTD #1 / Water #3	CF	0235	14099336	13 (2:45 AMT XCTD launch)
56° 06' S		DIR	03:13		14
56° 12' S		DR	03:46		
56° 18' S		RM	04:21		
56° 24' S		DR	04:56		
56° 30' S	XCTD #2 / Water #4	RM	05:32		XBT BROKE AT ~300m (5:35 am GMT XCTD launch)
56° 36' S		RM	06:08		
56° 42' S		RM	06:42		
56° 48' S		JG	07:17		> 3000 m
56° 54' S		JG	07:53		" "
57° 00' S	XCTD #3 / Water #5	JG	08:29		" "
57° 06' S		JG	09:01		" "
57° 12' S		JG	09:41		" "
57° 18' S	XCTD #4	JG	10:16		" "
57° 24' S		JG	10:50		" "

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes
61° 00' S	Water #13	JB	0804		3900 m
61° 10' S		JB	0859		3570 m
61° 20' S		JB	0953		3470
61° 30' S		JB	1045		3435
61° 40' S		DS	11:44		3436
61° 50' S		AM	12:40		3926
62° 00' S	Water #14	AM	13:39		4633
62° 06' S		ODM	14:12		4260
62° 12' S		DS	14:44		3590
62° 18' S		EHS	15:19		
62° 24' S		KAM	15:54		Depth: 1800 ? (sensor)
62° 30' S		CD	16:30		Depth: 3853
62° 36' S		KAM	17:08		Depth: 3671 m ~400m
62° 42' S	Water #15	EHS	17:46		Depth: 594
70 00' S	point never reached				