

XBT LogSheet

Smith Island Track Southbound						
Cruise ID: LMG1106						
XBT Start Date: 02 Aug, 2011						
Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
54° 48' S	Water Sample #1	LG	1800	1	Depth: 122	1141713
54° 54' S		LG	1836	2	Depth: 131	1141702
55° 00' S	Water Sample #2	LG	1917	3	Depth: 358	1141711
55° 06' S		LG	1951	4	Depth: 323	1141870
55° 12' S		un	2029	5		
55° 18' S		un	2100	6		
55° 24' S		un	2136	7		
55° 30' S		un	2204	8		
55° 36' S		un	2248	9		
55° 42' S		un	2330	11	Redropped	
55° 48' S		un	0003	12		
55° 54' S		cd	0042	13		
56° 00' S	XCTD #1 / Water #3	cd	0110	14	XCTD 109075231 (XCTD) aborted	1142015
56° 06' S		cd	0152	15	ABORTED REDO	1142016
56° 12' S		cd	0215	17		1142019
56° 18' S		cd	0249	18		1142015
56° 24' S		cd	0322	19		1142022
56° 30' S	XCTD #2 / Water #4	cd	3:55	20	06069004 (XCTD) 0401:GMT	1142018
56° 36' S		PQ	4:26	21	ABORTED	1142101
56° 42' S		PQ	04:59	23	1142101 (400ft)	1142105
56° 48' S		PQ	05:31	24	Depth @ 875 m	1142109
56° 54' S		PQ	0604	25		1142098
57° 00' S	XCTD #3 / Water #5	PQ	0636	26		1142108
57° 06' S		PQ	0708	27		1142104
57° 12' S		PQ	0740	28		1142100
57° 18' S	XCTD #4	CD	0811	29	CTD-6669005	1142019
57° 24' S		CD	0845	30		1142107

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	JT	0919	31	CTD-9008	1142103
57° 36' S		JT	0949	32		1142102
57° 42' S		JT	1022	33		1142106
57° 48' S	XCTD #6	JT	1056	34	CTD-86069006	1141990
57° 54' S		JT	1130	35		1141991
58° 00' S	XCTD #7 / Water #7	EH	1202	36	CTD 06069009	
58° 06' S		EH	1235	37		
58° 12' S		EH	1312	38		1141993
58° 18' S	Correction to 37	EH	1344	37	redrop/1142000/1350	1141998
58° 24' S		EH	1416	38		1141996
58° 30' S	XCTD #8 / Water #8	EH	1448	39	CTD 06069007	1141995
58° 36' S		EH	1524	40		1141997
58° 42' S		EH	1551	41	redrop 1141994/1556	1142001
58° 48' S		BK	1627	42		1141694
58° 54' S		LG	1653	43	1141695 redrop 1141699	
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE	LG	1718	44	XBT 1141698 / XCTD 06069010	
59° 06' S		PS	1813	45	XBT 1141700 ^{Relaunch} 1141695	
59° 12' S		BK	1847	45	XBT 1141692	
59° 18' S		BK	1926	46	XBT 1141691	
59° 24' S		BK	19	47	XBT 1141690	
59° 30' S	XCTD #10 / Water #10	AF	2031	48	XBT 1141693	
59° 40' S		wsp	2253		IN ICE	
59° 50' S		cd	0034	49	XBT 1141701 ice	
60° 00' S	XCTD #11 / Water #11	cd	2:12	50	XBT 1102857 XCTD aborted ice	
60° 10' S		AF	0357	53		
60° 20' S	Waypoint XBT#53	PQ	0538		redrop 1102834	1102835
60° 30' S	XCTD #12 / Water #12	PQ	0722	54	CTD 06069011	1102840
60° 40' S	Little late sorry!!	JG	0908	55	060 40.484	1102839
60° 50' S		JG	1049	56		1102838

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
61° 00' S	Water #13				Apparently not dropped!	
61° 10' S		WKP	1424		Delayed due ice 370m	
61° 20' S		WP	1605		Failed in ice	
61° 30' S		BK	1754		Failed in ice	1102843
61° 40' S		LG	1949		Failed in ice	1102845
61° 50' S					SKIPPED. TOO MUCH ICE	
62° 00' S	Water #14 ✓				ice! - no drop	
62° 06' S	<div style="text-align: center;"> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> </div> <div style="font-size: 2em; margin: 10px 0;">ICE</div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> </div> </div>					
62° 12' S						
62° 18' S						
62° 24' S					Depth:	
62° 30' S					Depth:	
62° 36' S					Depth:	
62° 42' S	Water #15				Depth:	
70 00' S	point never reached					

27.6745
 6745
 27.6745
 27.6745

XBT LogSheet

Ledwell Track Northbound						
Cruise ID: LMG1106a						
XBT Start Date: 15 Aug, 2011						
Latitude	Longitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
-62°12.318'	-68°44.380'	PQ	06:35	1		1142128
-62°04.374'	-68°58.268'	PA	08:45	2	ice interfered below 600m	1142129
-61°48.484'	-69°26.042'	Kled	1318	3		
-61°40.538'	-69°39.928'	Kled	1419	4		
-60°36.982'	-71°31.028'	PQ	0406	5		1142148
-60°29.036'	-71°44.914'	PQ	0501	6		1142132
-60°13.146'	-72°12.688'	PQ	0905	7		1142131
-60°05.202'	-72°26.576'	PQ	1000	8		1142137
-59°49.312'	-72°54.350'	Kled		9		
-59°41.366'	-73°08.236'	Kled		10		
-59°25.476'	-73°36.010'	Kled	1856	11		
-59°17.532'	-73°49.898'	Kled	1955	12		
-59°01.644'	-74°17.674'					
-58°53.700'	-74°31.562'					
-58°37.810'	-74°59.336'					
-58°29.864'	-75°13.222'					
-58°13.974'	-75°40.996'					
-58°06.030'	-75°54.884'					
30 00	All Done					