

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	SA	11:20	29	Depth: 3140	
57° 36' S		SA	11:58	30	Depth:	
57° 42' S		SA	12:34	31	Depth: Had to REDROP	
57° 48' S	XCTD #6	SA	13:11	32	Depth: 4391	
57° 54' S		SA	13:49	33	Depth: 4208	
58° 00' S	XCTD #7 / Water #7	AFD	14:25:52	34	Depth: 3520 150MCGS	
58° 06' S		SA	15:03	35	Depth: 3251	
58° 12' S		ML	15:41	36	Depth: 3348	
58° 18' S		ML	16:17	37	Depth: 3837	
58° 24' S		ML	16:54	38	Depth: 4010	
58° 30' S	XCTD #8 / Water #8	ML	17:29	39	Depth: 3605 / 3836	
58° 36' S		ML	17:54	40	Depth: 3900	
58° 42' S		ML	18:42	41	Depth: 4132	
58° 48' S		AFD	19:19	42	Depth: 3855	
58° 54' S		AFD	19:54	43	Depth: 3544	
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE Drifter Buoy	AFD	20:28	44	Depth: 3878	
59° 06' S		AFD	21:31	45	Depth: 3969	
59° 12' S		VBH	22:06	46	Depth: 3935	
59° 18' S		VBH	22:40	47	Depth: 3830	
59° 24' S		LL	23:14	48	Depth: 3870	
59° 30' S	XCTD #10 / Water #10	LMP	23:49	49	Depth: 3945	
59° 40' S		LL	00:45	50	Depth: 3640	
59° 50' S		MRG	01:41	51	Depth: 3835	
60° 00' S	XCTD #11 / Water #11	MRG	02:41	52	Depth: 3712	
60° 10' S		Chance	03	53	Depth: 3966	
60° 20' S		Chance	04:35	54	Depth: 3735 (HAD TO REDROP)	
60° 30' S	XCTD #12 / Water #12	Chance	05:34	55	Depth: 3984	
60° 40' S		Chance	06:32	56	Depth: 3698	
60° 50' S		MJC	07:35	58	Depth: dropped twice... bad both times	

XBT LogSheet

SI Track Southbound

Cruise ID: LMG1201

XBT Start Date: 12-30-11

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
54° 48' S	Water Sample #1	AFD	19:28:33	1	Depth: 91m	
54° 54' S		AFD	19:50:22	2	Depth: 133m	
55° 00' S	Water Sample #2	AFD	20:29:39	3	Depth: 395	
55° 06' S		KBG	20:59:58	4	Depth: 1560	
55° 12' S	Deep Blue	AFD	21:30:15	5	Depth: 1859	
55° 18' S	"	AFD	22:04:20	6	Depth: 2563	
55° 24' S	"	CPL	22:36:20	7	Depth: 2482	
55° 30' S	"	LL	23:10:22	8	Depth: 2996	
55° 36' S	"	LL	23:44:32	9	Depth: 3493	
55° 42' S	"	LL	12-31-2011 00:21:52	10	Depth: 3525 HAD TO RE DO, 2ND LAUNCH HAD EARLY WIRE BREAK	
55° 48' S	"	ANDREW	01:01	11	Depth: 3650	
55° 54' S	"	LP	01:31	12	Depth: 3750	
56° 00' S	XCTD #1 / Water #3	micam	02:09	13	Depth: 3939	
56° 06' S	Deep Blue	LL	02:47	14	Depth: 3089	
56° 12' S	"	Chance	03:22	15	Depth: 3528 / 999.81	
56° 18' S	"	Chance	03:57	16	Depth: 3373 / 999.81	
56° 24' S	"	Chance	04:33	17	Depth: 3177 / 999.81	
56° 30' S	XCTD #2 / Water #4	Chance	05:13	18	Depth: 2366 / 999.81	
56° 36' S	Deep Blue	Chance	05:44	19	Depth: 3006	
56° 42' S	"	Chance	06:23	20	Depth: 4124	
56° 48' S	"	Chance	07:00	21	Depth: 3912	
56° 54' S		mic	07:44	22	Depth:	
57° 00' S	XCTD #3 / Water #5	KS	08:00	24	Depth: redo, 2nd one also cut out early	
57° 06' S		mic	08:53	25	Depth: 920	
57° 12' S		mic	09:32	26	Depth: 910	
57° 18' S	XCTD #4	mic	10:16	27	Depth: 890	
57° 24' S		KS	10:44	28	Depth: 920	

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
61° 00' S	Water #13	KS	8:31	59	Depth: 900 m	
61° 10' S		mic	9:32	61	Depth: 900 m one re-drop	
61° 20' S		mic	10:27	62	Depth: 920 m	
61° 30' S		SA	11:24	63	Depth: 3436	
61° 40' S		SA	12:22	64	Depth: 367	
61° 50' S		SA	13:19	65	Depth: 3897	
62° 00' S	Water #14	SA	14:17	66	Depth: 4571	
62° 06' S		K	14:51	67	Depth: 4753	
62° 12' S		M	15:24	68	Depth: 3601	
62° 18' S		M	15:58	69	Depth: 2267	
62° 24' S		M	16:32	70	Depth: 1804	
62° 30' S	sops 206ps	K	17:07	71	Depth: 428/411	
62° 36' S	bad probe re-launch	M	17:45	72	Depth: 456	
62° 42' S	Water #15	M	18:18		Depth: 588	
70 00' S	Point never reached				Depth:	