

XBT LogSheet

KGI Track Southbound

Cruise ID: LMG10-08

XBT Start Date: 11/01/2010

Latitude	At This Latitude	Operator	Time GMT	File # XBT#	Notes	Launch Tube#
54° 48' S	Water Sample #1	MP	18:07	4	Depth: 101 m	
54° 54' S		AFN	18:39	5	Depth: 134 m	
55° 00' S	Water Sample #2	AFN	19:12	6	Depth: 356 m	
55° 06' S		JRB	19:46	7	Depth: 1575 m	
55° 12' S		CPE	20:19	8	Depth: 2023 m	
55° 18' S		CRS	20:53	9	Depth: 2039 m	
55° 24' S		MP	21:27	10	Depth: 2621	
55° 30' S		JRB	21:01	11	Depth: 3238 m	
55° 36' S		CRS	22:36	12	Depth: 3697 m	
55° 42' S		NSUM	23:14	13	Depth: 3786 m	
55° 48' S		MLM	23:49	14	Depth: 3799 m	
55° 54' S		ALL	00:26	15	Depth: 3930 m	
56° 00' S	XCTD #1 / Water #3	KJW	01:02	16	Depth: 3693 m	
56° 06' S		KJW	01:39	17	Depth: 3908 m	
56° 12' S		NSUM	2:18	18	Depth: 3814 m	
56° 18' S		KJW	2:56	20+19	Depth: 3893 m	
56° 24' S		AFN	03:35	21	Depth: 3661 m	
56° 30' S	XCTD #2 / Water #4	CRS	04:11	22	Depth: 3154 M	
56° 36' S		GFS	04:46	23	Depth: 3782 m	
56° 42' S		GWS	05:23	24	Depth: 4035 m	
56° 48' S		GFS	05:58	25	Depth: 3959 m	
56° 54' S		GFS	06:33	26	Depth: 2904 M	
57° 00' S	XCTD #3 / Water #5	CML	07:10	27	Depth: 3875 m	
57° 06' S		KM	07:43	28	Depth: 3928 m	
57° 12' S		CML	08:18	29	Depth: 4022	
57° 18' S	XCTD #4	CML	08:53	30	Depth: 4244	
57° 24' S		CML	09:31	31	Depth: 3866	

Latitude	At This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube#
57° 30' S	XCTD #5 / Water #6	CU	10:04	32	Depth: 3808	
57° 36' S		KM	10:37	33	Depth: 3939	
57° 42' S		SA	11:13	34	Depth: 3866	
57° 48' S	XCTD #6	SA	11:47	35	Depth: 3748	
57° 54' S		AW	12:20	36	Depth: 4170	
58° 00' S	XCTD #7 / Water #7	QW	12:54	37	Depth: 4367 / 4058	
58° 06' S	13:31	QW	13:27	38,39	Depth: 3997 Redrop	
58° 12' S		RN	14:00	40,41	Depth: 3999 Redrop	
58° 18' S		QW	14:32	42	Depth: 4277	
58° 24' S		KL	15:05	43	Depth: 3130	
58° 30' S	XCTD #8 / Water #8	KL	15:39	44	Depth: 3433 3425	
58° 36' S		JA	16:12	45	Depth: 3957	
58° 42' S		KL	16:44	46	Depth: 4012	
58° 48' S		KL	17:18	47	Depth: 4152	
58° 54' S		KL	17:52	48	Depth: 3991	
59° 00' S	XCTD #9 / Water #9 / AIR SAMPLE Drifter Buoy	KL	18:27	49	Depth: 3901	
59° 06' S		MR	19:36	50	Depth: 3866	
59° 12' S		MP	20:10	51	Depth: 3983	
59° 18' S	59° 18.449'	JRB	20:47 20:45	52	Depth: 4040 4037	
59° 24' S		MP	21:19	53	Depth: 3986	
59° 30' S	XCTD #10 / Water #10	MP	21:54	54	Depth: 3930	
59° 36' S		MD	22:30	55	4103	
59° 42' S	correct for tide #5 ↑	APN	23:05	56	4100	
59° 50' S		MLM	23:51	57	4110	
60° 00' S	*11 DROP XCTD SALT/TCO2 DRIFTER	missed drop				
60° 08' S		ALL	01:37	58	4050	
60° 16' S	MISFIRE, THEN 6000	KON	02:21	59	3953m	
60° 24' S		GWS	03:04	60	3795	
60° 30' S	DROP XCTD SALT/TCO2 *12	GWS	03:	61	3731	

Latitude	Additional Events at This Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube #
60° 36' S		ALL	04:13	62	3688 M	
60° 42' S		GFS	04:47	63	3682 m	
60° 48' S		ALL	05:20	64	3664 M	
60° 54' S		ALL	05:54	65/66	3612 M	
61° 00' S	SALT/TCO2 #13	ALL	06:27	67	3601 M	
61° 06' S		DFN	06:49	68	3701	
61° 12' S		JMN	07:33	69	3895 M (BAD PROP)	
61° 18' S		KM	0806	70	3803 m	
61° 24' S		KM	0840	71	3806 m	
61° 30' S		KM	0915	72	4076 M	
61° 36' S		KM	0949	73	4869 M	
61° 42' S		KM	10:25	74	4358 M	
61° 46' S		KM	10:48	75	3891 M	
61° 50' S	SALT/TCO2 #14	RN	11:11	76	2967m	
70° 00' S	point never reached					