

XBT LogSheet

Palmer Station Track Southbound

Cruise ID:

XBT Start Date:

Latitude	Additional Events at this Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube #
54° 58' S	Water Sample #1 (250m)	KPad	1852	1	250m	
55° 00' S	Water Sample #2 (250m)			2		
55° 02' S			1942	3		
55° 08' S				4	900m	
55° 16' S			20:22	5	900m (1800m water Z)	
55° 24' S			21:00	6 (A)	Relaunch made / #2 good	
55° 30' S			21:39	7	(2300 water Z)	
55° 38' S			22:18	8	(2637 water Z)	
55° 46' S			2307			
55° 54' S			2355		2 attempts made - 2nd worked	
56° 00' S	XCTD #1, Water #3		01:30			
56° 08' S			02:17			
56° 16' S			03:10:38			
56° 24' S			04:03:13		First bad 04:04:36 - second good	
56° 30' S	XCTD #2, Water #4		04:42:52			
56° 38' S	missed alt drifting			profile buoy		
56° 46' S		LE	0720			
56° 54' S		LE	0821			
57° 00' S	XCTD #3, Water #5	LE	0907			
57° 08' S		LE	1001			
57° 16' S	XCTD #4	LE	1054			
57° 24' S			11:37		PC Time WARM OFF	
57° 30' S	XCTD #5, Water #6	JCO	12:22		Failed at 352m 12:26 - XCTD #31	
57° 38' S			13:07			
57° 46' S	XCTD #6	BF	13:40		13:54	
57° 54' S		BF	14:32		XCTD. APPROVED TO START. BEFORE DROP	
58° 00' S	XCTD #7, Water #7	JO	15:04		15:08 - XCTD #33	

Latitude	Additional Events at this Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube #
58° 08' S		RS	16:19			
58° 16' S		MU	16:58			
58° 24' S		MS	17:51			
58° 30' S	XCTD #8, Water #8	S	18:28			
58° 38' S		KP	19:12			
58° 46' S			19:57/19:59		Need a 2 nd one - same good	
58° 54' S			21:25			
59° 00' S	XCTD #9, Water #9, AIR SAMPLE		21:59		XBT error - too long between drops C/D DIDNT WORK (and XBT # 22:06 22:10)	
59° 08' S			23:16			
59° 16' S			00:10		needed 2 nd launch @ 59° 17' (worked)	
59° 24' S			01:27			
59° 30' S	XCTD #10, Water #10		02:03			
59° 40' S		JS	03:01			
59° 50' S			03:56:19			
60° 00' S	XCTD #11, Water #11		04:57:06			
60° 10' S			06:05:41		60 09.949 64 59.519	
60° 20' S			07:02:17			
60° 30' S	XCTD #12, Water #12	LE	07:58			
60° 40' S		LE	09:35		stopped collecting data ~ 250m	
60° 50' S		LE	10:30		2nd dropped @ 1032	
61° 00' S	Water #13	JCO	11:28		PERBOTTED - WRONG FREEZE @ 250 50m	
61° 10' S		BF	12:30		12:39 2nd DROP.	
61° 20' S		BP	14:01		FAILED - ICE	
61° 30' S					WATER ONLY	
61° 40' S						
61° 50' S						
62° 00' S	Water #14		19:43		tried 1st (Dry 259)	
62° 10' S						
62° 20' S						

Latitude	Additional Events at this Latitude	Operator	Time GMT	XBT#	Notes	Launch Tube #
62° 30' S						
62° 40' S						
62° 50' S						
63° 00' S						
63° 10' S						
63° 20' S		LE	0743		260 63 19.3 6459.6	
63° 30' S		LE	0933		63 30.7 6459.59	
63° 40' S		LE	1100			
63° 50' S						
64° 00' S						
64° 08' S		LE	1555		6408.6 6459.6	
64° 16' S		LE 1831			NO DROP, ICE	
64° 24' S		LE	1831		bottom 6424.4 6459.7	
64° 32' S	Note: Depth about 625m					
64° 40' S	Note: Depth about 350m					
64° 48.60 S	Water Sample #15 (depth about 250m)					
70° 00' S	point never reached					

