

MGL1905 June 8th 2019 to

30-minute log

Alt: this should be COG 1 min average

JD	Time (GMT)	Lat (°N)	Lat (decim)	Lon (°W)	Lon (decim)	depth (m)	Shot	COG (degrees)	speed SOG (kts)	wind (kts)	Wind Direction	seas (m)	gravity	sea temp (°)	salinity	Magnetics	comment
194	2:42	46	38.5592	128	54.8916	NaN	NaN	235.50	5.80	3.60	SW	0.75	980777	16.52	32.320		Adrian's entry before 1st watch
194	4:06	46	38.6181	129	54.8061	NaN	NaN	233.20	7.00	10.20	SW	1.00	980778	16.85	32.420		
194	4:30	46	38.6328	129	54.8942	NaN	NaN	237.10	7.40	10.50	SW	1.00	980778	16.77	32.410		
194	5:00	46	38.7830	129	54.8519	NaN	NaN	210.50	7.60	10.10	SW	1.00	980762	16.89	32.410		
194	5:30	46	38.5288	129	54.5263	NaN	NaN	247.30	7.60	9.80	W	1.00	980773	16.86	32.410		
194	6:00	46	25.0384	129	21.4607	NaN	NaN	242.90	7.40	12.90	SW	1.00	980770	16.96	32.420		
194	6:30	46	21.1799	129	26.1413	NaN	NaN	237.30	7.60	10.40	SW	1.00	980778	16.60	32.410		
194	7:00	46	20.7187	129	31.2792	NaN	NaN	233.80	9.70	9.90	W	1.00	980774	16.79	32.390		
194	7:30	46	17.8477	129	36.9604	NaN	NaN	234.40	9.70	9.20	SW	0.75	980769	16.72	32.420		
194	8:00	46	14.9708	129	42.7042	NaN	NaN	232.70	10.00	9.30	SW	1.50	980778	16.63	32.420		
194	8:30	46	12.1361	129	48.6719	NaN	NaN	235.60	9.90	11.20	SW	0.75	980773	16.70	32.420		beginning deployment of tail buoy
194	9:00	46	9.9056	129	51.7787	NaN	NaN	233.50	9.70	SW	1.00	980751	16.63	32.420			
194	9:30	46	9.3415	129	54.4469	NaN	NaN	237.60	3.30	7.80	W	0.75	980748	16.68	32.410		deploying streamers
194	10:00	46	8.2900	129	56.7103	NaN	NaN	236.60	4.60	7.90	W	1.00	980757	16.73	32.410		
194	10:30	46	6.9965	129	56.5423	NaN	NaN	237.60	4.60	8.30	W	0.75	980754	16.65	32.410		
194	11:00	46	5.9008	130	2.3558	NaN	NaN	238.10	4.60	7.80	W	0.50	980746	16.75	32.380		
194	11:30	46	4.7506	130	4.8572	NaN	NaN	239.90	4.40	8.00	SW	0.50	980733	16.70	32.380		
194	12:00	46	3.6777	130	7.6435	NaN	NaN	242.50	4.60	7.30	W	0.50	980720	16.63	32.390		
194	12:30	46	2.5428	130	10.2662	NaN	NaN	238.70	4.60	7.40	W	0.50	980711	16.60	32.390		
194	13:00	46	1.3576	130	11.3235	NaN	NaN	240.10	6.80	9.50	SW	0.50	980715	16.85	32.390		
194	13:30	46	0.1793	130	16.2832	NaN	NaN	239.30	3.90	8.00	W	0.50	980728	16.70	32.400		
194	14:00	45	59.1809	130	18.0872	NaN	NaN	240.30	3.80	8.00	SW	0.50	980737	16.67	32.410		
194	14:30	45	58.2889	130	21.0028	NaN	NaN	241.60	3.70	5.80	W	0.50	980741	16.66	32.400		
194	15:00	45	57.4187	130	23.3814	NaN	NaN	242.50	3.70	7.60	SW	0.50	980751	16.66	32.400		
194	15:30	45	56.4962	130	25.7886	NaN	NaN	240.60	4.10	6.40	SW	1.00	980765	16.64	32.400		Seems incorrect "Adrian" duplicate of line 9, corrected "Eamon"
194	16:00	45	55.5442	130	28.4338	NaN	NaN	244.30	4.10	7.40	SW	1.00	980749	16.73	32.400		
194	16:30	45	54.6665	130	31.0591	NaN	NaN	244.00	4.00	7.20	S	0.50	980723	16.82	32.430		
194	17:00	45	53.6825	130	33.7151	NaN	NaN	241.30	4.30	7.40	S	1.00	980705	16.98	32.430		
194	17:30	45	52.4360	130	36.4360	NaN	NaN	240.60	3.20	8.20	S	0.50	980692	16.84	32.420		
194	18:00	45	51.5921	130	39.1259	NaN	NaN	242.40	4.30	7.90	S	0.50	980691	16.91	32.420		
194	18:30	45	51.6574	130	41.8961	NaN	NaN	313.80	4.00	6.30	S	0.50	980689	16.91	32.410		
194	19:00	45	50.2888	130	44.8710	NaN	NaN	48.70	3.60	8.20	S	0.50	980665	16.95	32.420		
194	19:30	45	54.0311	130	49.4306	NaN	NaN	66.80	3.70	9.50	S	0.30	980656	16.99	32.400		
194	20:00	45	54.8232	130	37.0313	NaN	NaN	63.20	3.80	10.70	S	0.30	980657	16.98	32.390		
194	20:30	45	55.6269	130	34.8485	NaN	NaN	61.70	3.30	9.60	S	0.40	980669	17.03	32.420		
194	21:00	45	56.4178	130	32.7880	NaN	NaN	65.80	3.60	10.30	S	0.40	980679	16.88	32.410		
194	21:30	45	57.3954	130	30.1106	NaN	NaN	61.60	3.30	10.40	S	0.40	980705	16.88	32.380		
194	22:00	45	58.1813	130	28.1062	NaN	NaN	60.70	3.50	10.30	S	0.30	980727	16.92	32.390		opening large doors
194	22:30	45	58.9568	130	26.1389	NaN	NaN	61.30	3.80	7.80	S	0.50	980748	16.78	32.410		
195	0:00	45	59.6508	130	23.6509	NaN	NaN	62.90	3.90	11.40	S	0.40	980728	16.84	32.400		
195	0:30	46	0.8967	130	21.0287	NaN	NaN	61.40	4.10	12.60	S	0.50	980697	17.40	32.390		
195	0:00	46	1.7855	130	18.6702	NaN	NaN	62.90	4.10	11.20	S	0.50	980682	17.16	32.380		
195	0:30	46	2.7178	130	16.0800	NaN	NaN	64.50	4.00	10.80	S	0.50	980671	17.05	32.390		
195	1:00	46	3.5352	130	13.6073	NaN	NaN	64.80	4.00	11.00	S	1.00	980667	16.74	32.400		
195	1:30	46	4.4000	130	10.8449	NaN	NaN	66.40	4.40	11.00	S	0.50	980663	17.05	32.410		second streamer going out
195	2:00	46	5.3156	130	8.0891	NaN	NaN	62.10	3.60	11.10	S	0.50	980670	17.01	32.390		
195	2:30	46	6.1567	130	5.5401	NaN	NaN	66.90	4.10	10.30	S	0.50	980681	16.95	32.380		
195	3:00	46	6.9446	130	2.8501	NaN	NaN	67.20	3.90	10.80	S	0.50	980694	17.13	32.390		
195	3:30	46	7.6649	130	0.3895	NaN	NaN	66.80	2.90	10.30	S	0.50	980713	16.86	32.400		
195	4:00	46	8.3267	129	6.9305	NaN	NaN	63.00	3.10	10.60	S	0.50	980715	17.04	32.400		
195	4:30	46	9.2694	129	55.4297	NaN	NaN	65.00	4.20	9.40	S	0.50	980716	17.24	32.400		
195	5:00	46	10.0994	129	52.7138	NaN	NaN	66.80	4.20	11.10	S	0.75	980712	17.34	32.410		
195	5:30	46	9.8878	129	49.9640	NaN	NaN	136.10	4.00	10.40	S	1.00	980710	17.30	32.420		
195	6:00	46	8.1499	129	46.0985	NaN	NaN	120.10	3.90	10.10	S	1.00	980737	17.05	32.420		
195	6:30	46	7.3223	129	52.5073	NaN	NaN	244.70	3.80	10.60	S	1.00	980742	17.27	32.410		
195	7:00	46	6.5111	129	54.9519	NaN	NaN	245.30	3.60	12.10	S	0.50	980745	17.24	32.410		
195	7:30	46	5.6366	129	57.4169	NaN	NaN	243.60	3.90	10.70	S	0.50	980752	17.18	32.410		
195	8:00	46	4.6847	129	59.8613	NaN	NaN	246.10	3.70	10.70	S	0.70	980754	17.22	32.400		
195	8:30	46	4.0587	130	2.3148	NaN	NaN	245.10	3.80	12.60	S	0.70	980749	17.10	32.370		third streamer going out third streamer bird get an issue third streamer going out
195	9:00	46	3.1805	130	4.8930	NaN	NaN	244.40	4.20	13.90	S	0.50	980737	17.06	32.390		
195	9:30	46	2.2750	130	7.5566	NaN	NaN	244.20	4.00	12.20	S	0.50	980726	16.97	32.400		
195	10:00	46	1.3932	130	10.1541	NaN	NaN	245.10	4.10	13.50	S	0.25	980717	17.03	32.390		
195	10:30	46	0.4634	130	12.8475	NaN	NaN	243.30	4.40	11.80	S	0.25	980721	17.08	32.390		
195	11:00	45	59.5269	130	15.6187	NaN	NaN	243.80	4.30	14.10	S	0.25	980733	17.08	32.390		
195	11:30	45	58.5477	130	18.3759	NaN	NaN	243.20	4.00	13.00	S	0.25	980742	17.12	32.390		
195	12:00	45	57.6063	130	21.0811	NaN	NaN	244.40	4.30	14.60	S	0.25	980746	17.03	32.400		
195	12:30	45	56.7251	130	23.8070	NaN	NaN	245.50	4.10	14.00	S	0.25	980755	16.93	32.370		
195	13:00	45	55.8799	130	26.4561	NaN	NaN	246.40	4.10	14.10	S	0.25	980763	17.03	32.370		
195	13:30	45	55.0006	130	29.1497	NaN	NaN	245.50	4.20	12.90	S	0.50	980740	17.00	32.380		
195	14:00	45	54.1579	130	31.9001	NaN	NaN	246.70	4.00	18.60	S	1.00	980716	17.13	32.410		
195	14:30	45	54.3000	130	34.6066	NaN	NaN	302.60	4.10	14.20	S	0.50	980702	17.12	32.420		
195	15:00	45	53.0716	130	37.9518	NaN	NaN	308.90	4.10	14.00	S	0.25	980682	17.18	32.420		
195	15:30	45	57.8864	130	34.6595	NaN	NaN	52.30	3.90	14.70	S	0.50	980668	17.00	32.380		
195	16:00	45	59.0027	130	32.3598	NaN	NaN	56.60	4.20	13.40	S	0.50	980684	16.94	32.380		
195	16:30	46	0.1246	130	0.1246	NaN	NaN	55.40	13.70	15.70	S	0.50	980714	16.95	32.380		
195	17:00	46	1.4436	130	26.9261	NaN	NaN	60.60	4.00	13.70	S	0.50	980762	17.05	32.400		
195	17:30	46	2.2487	130	24.8873	NaN	NaN	61.50	3.80	13.70	S	0.50	980761	16.96	32.390		

197	7:00	45	57.6787	130	1.3201	1566	1303	335.20	3.60	12.80	W	0.30	980737	17.30	32.370	shot fired starting at 07:20 starting with shot number 1382 for line P1124
197	7:30	45	59.4232	130	1.4983	1537	1347	334.40	4.40	14.00	W	0.40	980739	17.14	32.360	
197	8:00	46	1.3978	130	3.8244	1740	1239	334.60	4.60	15.50	W	0.50	980738	17.26	32.350	shot number is descending
197	8:30	46	0.3410	130	5.1726	2096	1130	334.80	4.60	15.70	NW	0.40	980724	17.19	32.340	
197	9:00	46	6.5208	130	6.5208	2455	1020	334.80	4.70	16.10	NW	0.40	980739	17.15	32.340	EOL
197	9:30	46	7.4405	130	7.8427	2020	921	343.30	4.50	11.60	W	0.00	980701	17.11	32.360	
197	10:00	46	9.4561	130	8.2700	2789	921	322.40	4.40	11.60	NW	0.25	980674	17.21	32.330	SOL @11:34
197	10:30	46	9.5865	130	11.1172	2724	921	223.00	4.40	18.30	NW	0.50	980709	17.09	32.360	
197	11:00	46	7.5041	130	11.4216	2658	921	148.70	4.40	16.50	NW	0.25	980678	17.09	32.350	SOL @11:34
197	11:30	46	5.6283	130	10.0103	2589	921	154.10	4.50	19.40	NW	0.25	980677	17.04	32.360	
197	12:00	46	3.7307	130	8.7341	2488	1047	154.80	4.30	10.90	NW	0.25	980680	17.18	32.350	SOL @11:34
197	12:30	46	1.7736	130	7.4139	1888	1153	154.50	4.30	11.40	W	0.25	980698	17.13	32.340	
197	13:00	45	13.8092	130	6.0824	1586	1261	334.40	4.50	12.90	W	0.75	980713	17.10	32.340	SOL @11:34
197	13:30	45	57.7680	130	4.7182	1574	1372	154.90	4.50	16.10	NW	0.25	980717	17.03	32.340	
197	14:00	45	55.7278	130	3.3474	1570	1483	154.90	4.40	13.70	NW	0.25	980714	17.06	32.360	SOL @11:34
197	14:30	45	51.7287	130	2.0051	1622	1592	155.80	4.40	11.40	W	0.50	980711	17.24	32.380	
197	15:00	45	51.7236	130	0.6741	1727	1701	155.50	4.40	6.00	NW	0.50	980705	17.43	32.420	SOL @11:34
197	15:30	45	49.7096	129	59.3240	1866	1811	154.90	4.60	6.90	NW	0.75	980697	17.37	32.430	
197	16:00	45	47.6304	129	57.9371	2166	1925	154.90	4.60	5.80	NW	0.75	980687	17.40	32.430	SOL @11:34
197	16:30	45	45.5407	129	56.5514	2174	2038	154.80	4.50	5.10	NW	1.00	980676	17.38	32.420	
197	17:00	45	43.5719	129	55.2177	2128	2146	155.10	4.10	7.70	NW	0.75	980672	17.45	32.430	Stop shooting cause turning
197	17:30	45	41.5540	129	54.9280	2412	2148	155.90	5.20	10.60	W	1.00	980672	17.54	32.450	
197	18:00	45	40.9283	129	52.2622	2346	2148	153.60	4.70	8.70	W	0.50	980662	17.60	32.450	Stop shooting cause turning
197	18:30	45	42.7171	129	50.7757	2397	2148	1.10	4.70	9.00	W	0.50	980671	17.67	32.460	
197	19:00	46	44.7423	129	52.4259	2419	2148	327.10	4.80	9.50	W	0.50	980694	17.72	32.440	start to shot 2126
197	19:30	45	46.9248	129	53.8825	2240	2032	335.20	5.00	9.50	W	0.50	980687	17.64	32.420	
197	20:00	46	10.0807	130	9.8694	2763	921	335.10	4.60	16.20	SW	0.50	980711	17.23	32.380	start to shot 2126
197	20:30	45	51.0927	129	56.6660	1882	1805	334.80	4.50	10.10	SW	0.60	980715	17.56	32.410	
197	21:00	45	61.1140	129	58.0113	1748	1695	335.10	4.30	11.70	SW	0.50	980725	17.33	32.410	start to shot 2126
197	21:30	45	55.0445	129	59.3018	1535	1590	334.70	4.30	15.10	SW	0.50	980733	17.45	32.380	
197	22:00	45	22.9704	130	22.9704	1547	1464	334.40	4.30	10.20	SW	0.75	980747	17.42	32.390	start to shot 2126
197	22:30	45	58.9104	130	1.8916	1576	1379	334.90	4.30	14.40	SW	0.50	980740	17.46	32.370	
197	23:00	46	0.8537	130	3.2008	1660	1273	334.70	4.40	15.00	SW	0.50	980740	17.43	32.390	start to shot 2126
197	23:30	46	51.2228	130	4.5368	1975	1658	334.40	4.40	15.80	SW	0.50	980732	17.28	32.360	
198	0:00	46	4.9245	130	5.9321	2290	1045	334.90	4.80	22.90	W	0.50	980716	17.45	32.340	Start of line shot 950
198	0:30	46	7.0317	130	7.3486	2753	936	334.60	4.50	19.60	W	0.50	980702	16.99	32.370	
198	1:00	46	9.2152	130	7.6584	2778	921	347.10	4.20	14.40	SW	0.50	980696	17.23	32.350	Stop shooting cause turning
198	1:30	46	1.0107	130	9.8694	2763	921	348.40	4.10	16.20	SW	0.50	980711	17.23	32.380	
198	2:00	46	8.5674	130	11.7088	2489	921	336.70	4.80	16.70	SW	0.50	980694	17.26	32.380	Stop shooting cause turning
198	2:30	46	6.1235	130	10.2135	2701	921	155.80	5.00	19.80	SW	0.50	980674	17.11	32.360	
198	3:00	46	1.3904	130	7.8022	2370	921	102.5	4.60	21.60	SW	0.50	980679	16.85	32.360	Start of line shot 950
198	3:30	46	2.1223	130	7.4298	2061	1138	155.60	4.60	21.40	SW	1.00	980695	17.29	32.340	
198	4:00	46	0.0463	130	6.0344	1581	1251	155.90	4.60	17.70	SW	1.00	980713	17.22	32.350	Start of line shot 950
198	4:30	46	58.0396	130	4.6757	1566	1361	155.50	4.30	17.13	SW	1.00	980717	17.13	32.360	
198	5:00	46	56.0702	130	3.3611	1540	1468	155.60	4.30	20.70	W	1.00	980716	17.27	32.350	Start of line shot 950
198	5:30	45	54.1093	130	2.0524	1592	1574	155.70	4.30	17.80	W	1.00	980712	17.30	32.380	
198	6:00	45	52.0914	130	0.7036	1713	1684	155.80	4.60	18.60	W	1.00	980705	17.35	32.410	Start of line shot 950
198	6:30	45	60.8643	129	59.3018	1535	1590	154.80	4.60	20.80	SW	0.80	980692	17.40	32.430	
198	7:00	45	47.8617	129	57.8770	2115	1915	154.60	4.70	21.10	W	0.50	980684	17.45	32.430	end of line P1028 at 08:00 with shot 2148 turning
198	7:30	45	45.7655	129	56.4775	2301	2029	154.50	4.60	18.90	W	0.50	980675	17.40	32.430	
198	8:00	45	43.6338	129	55.0500	2078	2145	155.10	4.80	19.30	W	0.75	980672	17.30	32.430	end of line P1028 at 08:00 with shot 2148 turning
198	8:30	45	41.4080	129	54.0703	2189	2148	154.70	4.70	20.00	W	0.50	980662	17.30	32.430	
198	9:00	45	41.1590	129	51.2117	2385	2148	54.70	4.30	22.40	W	1.25	980654	17.39	32.460	end of line P1028 at 08:00 with shot 2148 turning
198	9:30	45	41.0424	129	50.6553	2403	2148	330.00	4.10	22.00	W	0.50	980684	17.31	32.460	
198	10:00	45	44.7771	129	52.1945	2426	2148	333.90	4.20	20.80	W	1.00	980688	17.38	32.430	end of line P1028 at 08:00 with shot 2148 turning
198	10:30	45	40.7213	129	51.4988	2239	2047	335.10	4.20	21.30	W	1.00	980697	17.32	32.430	
198	11:00	45	48.6974	129	54.8018	2113	1939	339.20	4.40	20.60	W	0.50	980706	17.16	32.410	end of line P1028 at 08:00 with shot 2148 turning
198	11:30	45	50.6053	129	56.0774	1959	1835	331.70	4.10	22.50	W	0.75	980715	17.14	32.410	
198	12:00	45	52.4029	129	57.2771	1798	1737	333.10	4.10	22.70	W	1.50	980722	16.85	32.400	end of line P1028 at 08:00 with shot 2148 turning
198	12:30	45	52.2726	129	52.4796	1684	1638	332.80	4.10	22.70	W	1.50	980722	16.85	32.400	
198	13:00	45	56.0449	129	59.6891	1526	1539	336.10	4.10	22.70	W	2.00	980737	16.82	32.370	end of line P1028 at 08:00 with shot 2148 turning
198	13:30	45	57.9233	130	0.9505	1550	1437	335.30	4.20	22.70	W	1.50	980740	16.98	32.390	
198	14:00	45	51.2863	130	1.5566	1556	1437	334.70	4.20	21.90	W	1.50	980743	16.82	32.390	end of line P1028 at 08:00 with shot 2148 turning
198	14:30	46	1.6916	130	3.4750	1756	1231	335.20	4.30	20.10	W	1.00	980739	16.91	32.370	
198	15:00	46	3.6198	130	4.7858	2081	1126	337.80	4.20	18.90	W	1.00	980725	16.78	32.380	end of line P1028 at 08:00 with shot 2148 turning
198	15:30	46	5.4862	130	6.0342	2364	1024	343.00	3.90	21.00	W	2.50	980711	16.90	32.370	
198	16:00	46	7.3379	130	7.2896	2707	921	329.40	4.20	18.10	NW	2.50	980709	16.96	32.400	end of line P1028 at 08:00 with shot 2148 turning
198	16:30	46	9.3431	130	7.7872	2779	921	324.00	4.00	18.20	NW	2.50	980704	16.72	32.410	
198	17:00	46	9.2982	130	10.5108	2706	921	228.50	4.70	16.40	NW	2.50	980712	16.69	32.410	end of line P1028 at 08:00 with shot 2148 turning
198	17:30	46	7.1523	130	10.9215	2075	1024	154.90	4.80	16.80	NW	2.50	980678	16.69	32.410	
198	18:00	46	5.2942	130	9.3171	2715	921	154.60	4.60	18.50	NW	2.50	980677	16.73	32.390	end of line P10

200	13000	46	4.5822	130	4.7614	2114	1083	334.30	4.30	14.90	NW	1.50	980723	16.75	32.410	EOL p1164 @ 13:45 shot 921
200	13311	46	6.5408	130	6.0773	2547	997	335.90	4.20	14.60	N	1.00	980708	16.64	32.410	
200	14000	46	8.6121	130	6.8406	2812	921	114.40	4.40	13.70	NW	1.25	980689	16.61	32.410	
200	14300	46	10.0354	130	8.4276	2785	921	270.90	4.10	13.40	NW	1.25	980714	16.64	32.410	
200	15000	46	8.6168	130	10.3543	2751	921	182.40	4.50	15.50	NW	1.00	980694	16.61	32.420	
200	15300	46	6.6490	130	9.3936	2715	921	158.50	4.00	11.50	NW	2.00	980680	16.57	32.420	
200	16000	46	4.8770	130	8.2365	2083	921	155.60	4.90	12.30	NW	2.00	980680	16.97	32.420	
200	16300	46	2.9827	130	7.0541	2061	921	155.60	3.80	11.20	NW	2.00	980694	16.60	32.410	
200	17000	46	1.3227	130	5.9442	1735	1195	154.90	4.40	10.90	MW	2.00	980706	16.94	32.400	
200	17311	45	59.1875	130	4.5140	1580	1311	155.10	4.20	9.00	NW	2.00	980717	16.77	32.400	
200	18000	45	57.3968	130	3.3055	1505	1409	155.70	4.20	10.30	NW	0.75	980718	16.86	32.390	
200	18300	45	55.4928	130	2.0195	1450	1513	155.10	4.30	7.10	NW	1.50	980718	16.93	32.410	
200	19000	45	53.5540	130	0.7214	1632	1619	154.40	4.30	8.50	NW	1.00	980711	16.97	32.410	
200	19300	45	51.6472	129	59.4518	1809	1273	334.20	4.40	8.40	NW	0.75	980702	17.14	32.410	
200	20000	45	49.6016	129	58.0920	1921	1834	155.40	4.60	10.20	NW	0.75	980694	17.20	32.410	
200	20300	45	47.5188	129	56.7034	2302	1948	155.00	4.60	7.60	NW	1.50	980680	17.31	32.420	
200	21000	45	45.3393	129	55.3393	2274	2059	154.70	4.50	6.70	NW	1.25	980673	17.28	32.420	
200	21300	45	43.4507	129	54.1469	2253	2148	173.10	4.30	7.20	NW	1.00	980675	17.38	32.460	
200	22000	45	41.6059	129	52.9046	2314	2148	121.60	4.50	7.90	NW	1.00	980656	17.51	32.370	
200	22300	45	42.0066	129	49.9700	2395	2148	39.90	4.60	6.70	NW	2.50	980659	17.49	32.480	
200	23000	45	43.9002	129	50.2232	2412	2148	319.10	4.00	7.80	NW	2.50	980690	17.65	32.470	
200	23300	45	45.6333	129	51.8502	2350	2120	333.40	4.20	11.00	NW	2.50	980691	17.52	32.450	
201	0300	45	47.5065	129	53.0933	2037	2017	335.50	4.20	9.10	NW	1.00	980696	17.39	32.420	
201	0330	45	49.3814	129	54.3522	2099	1915	332.40	4.20	8.20	N	1.00	980704	17.45	32.430	
201	100	45	51.2560	129	55.5876	1878	1813	336.00	4.00	8.30	NW	1.00	980713	17.41	32.420	
201	130	45	53.1234	129	56.8364	1761	1711	335.30	4.10	7.60	N	1.25	980723	17.40	32.420	
201	200	45	54.9261	129	58.0441	1571	1613	335.90	4.00	7.50	N	0.75	980732	17.45	32.420	
201	230	45	58.8302	129	61.3072	1527	1510	334.20	4.20	6.70	N	0.75	980727	17.37	32.410	
201	300	45	59.7840	130	0.8514	1572	1406	335.00	4.20	5.80	N	0.50	980740	17.10	32.400	
201	330	46	0.6121	130	1.8482	1588	1303	334.70	4.20	6.60	N	1.25	980741	17.00	32.400	
201	400	46	2.5539	130	3.1475	1757	1197	334.80	4.50	5.20	N	1.00	980738	17.70	32.400	
201	430	46	4.8756	130	4.4704	2066	1091	334.40	4.00	5.90	N	0.50	980736	17.00	32.400	
201	500	46	6.4007	130	5.7711	2477	987	334.60	4.20	4.10	N	1.00	980710	16.90	32.400	
201	530	46	8.3456	130	6.7703	2786	921	4.70	4.20	3.50	N	1.00	980695	17.00	32.400	
201	600	46	9.9368	130	8.1297	2785	N/A	281.20	4.20	4.70	N	1.50	980713	17.00	32.400	
201	630	46	8.7411	130	10.3903	2756	N/A	190.20	4.70	5.50	SW	1.25	980697	17.00	32.400	
201	700	46	6.5824	130	9.2065	2756	N/A	155.00	4.70	2.50	SW	1.00	980677	16.90	32.400	
201	730	46	4.5522	130	7.8578	2530	1023	155.30	4.40	2.80	N	0.50	980682	16.90	32.400	
201	800	46	1.130	130	5.5863	2138	1310	154.40	4.40	4.40	N	0.50	980688	16.90	32.400	
201	830	46	0.6482	130	5.2559	1624	1235	155.20	4.30	3.50	N	0.50	980714	17.00	32.400	
201	900	45	58.6860	130	3.9720	1535	1342	155.20	4.50	3.90	N	0.50	980720	17.00	32.400	
201	930	45	56.7625	130	2.6576	1468	1449	154.70	4.40	4.40	NE	1.00	980719	17.10	32.400	
201	960	45	54.7468	130	1.1310	1515	1556	154.00	4.50	3.10	NE	0.25	980715	17.00	32.400	
201	10300	45	52.7704	129	59.9759	1656	1665	155.00	4.50	3.30	N	0.50	980708	17.00	32.400	
201	11000	45	50.8700	129	58.7109	1827	1768	154.70	4.80	3.70	NE	0.75	980700	17.10	32.400	
201	11300	45	48.9707	129	57.4702	2014	1871	154.90	4.40	3.50	NE	0.75	980690	17.20	32.400	
201	12000	45	46.9365	129	56.1273	2274	1982	154.80	4.60	5.20	NE	0.75	980678	17.20	32.400	
201	12300	45	44.8746	129	55.7573	2253	2094	154.80	4.80	4.90	NE	0.50	980672	17.20	32.400	
201	13000	45	42.7149	129	53.3093	2296	2148	156.30	4.80	5.00	E	0.50	980666	17.30	32.400	
201	13311	45	40.5816	129	51.9788	2346	2148	156.20	4.40	6.10	E	0.50	980666	17.40	32.494	
201	14000	45	38.6105	129	50.7448	2372	2148	156.30	4.00	5.70	E	0.50	980664	17.40	32.489	
201	14300	45	36.5100	129	49.5086	2416	2148	155.80	4.00	4.80	E	0.50	980659	17.30	32.491	
201	15000	45	34.2094	129	48.1857	2493	2148	156.80	4.40	4.50	E	0.50	980657	17.30	32.489	
201	15300	45	32.9265	129	46.0058	2418	2148	93.60	4.70	6.00	E	0.50	980641	17.40	32.490	
201	16001	45	34.3695	129	43.9099	2202	2148	359.20	4.20	7.40	E	0.50	980667	17.30	32.490	
201	16300	45	36.2098	129	42.0908	2483	2148	331.30	4.60	7.30	E	0.50	980678	17.30	32.490	
201	17000	45	38.0969	129	40.5049	2488	2148	334.40	4.20	7.30	SE	0.50	980680	17.40	32.490	
201	17300	45	39.9668	129	47.7505	2366	2148	334.00	4.00	7.10	SE	0.50	980681	17.60	32.500	
201	18000	45	41.9830	129	46.9830	2278	2148	333.80	4.80	7.80	SE	0.50	980684	17.60	32.486	
201	18300	45	43.4282	129	40.1153	2397	2148	334.80	3.60	7.90	SE	0.50	980685	17.40	32.400	
201	19000	45	45.0634	129	51.1909	2328	2148	336.30	3.40	7.30	SE	0.50	980687	17.50	32.473	
201	19300	45	46.7598	129	52.2731	2161	2148	336.30	3.80	9.70	SE	0.75	980695	17.40	32.448	
201	20000	45	49.4363	129	51.654	2164	2148	336.10	3.60	9.60	SE	0.50	980698	17.40	32.432	
201	20300	45	50.3010	129	54.5372	1973	2148	336.60	3.80	9.70	SE	1.00	980709	17.30	32.425	
201	21000	45	52.0007	129	55.5763	1834	2148	333.40	3.40	9.90	SE	0.75	980715	17.30	32.428	
201	21300	45	53.6884	129	51.6884	1709	2148	332.60	3.00	9.50	SE	1.00	980715	17.30	32.428	
201	22000	45	55.4673	129	57.9866	1551	2148	337.90	4.00	9.80	SE	1.00	980731	17.40	32.433	
201	22300	45	57.2063	129	59.2896	1526	2148	331								

203	19:30	45	49.6675	129	53.8633	2012	1909	334.90	4.20	11.30	W	0.50	980706	17.54	32.424
203	20:00	45	53.6161	129	55.1627	1859	1803	334.70	4.30	10.70	NW	0.50	980715	17.58	32.428
203	20:30	45	53.6461	129	55.5312	1702	1653	335.40	4.60	10.10	W	0.50	980725	17.52	32.427
203	21:00	45	55.6882	129	57.8973	1548	1581	334.90	4.50	10.50	W	0.50	980733	17.48	32.416
203	21:30	45	57.6593	129	59.2147	1495	1474	334.70	4.20	10.80	W	0.50	980737	17.45	32.417
203	22:00	45	59.5806	129	61.5369	1340	1369	334.80	4.40	10.40	W	0.50	980740	17.43	32.418
203	22:30	46	1.4473	130	1.7569	1610	1267	335.10	4.00	8.80	W	0.50	980742	17.43	32.429
203	23:00	46	3.2602	130	2.9766	1799	1168	334.60	4.10	9.80	W	1.00	980737	17.41	32.433
203	23:30	46	5.1210	130	4.2308	2143	1067	335.00	4.20	13.90	W	1.00	980725	17.47	32.419
204	0:00	46	6.9901	130	5.4821	2478	965	335.00	4.10	9.10	W	0.50	980709	17.46	32.423
204	0:30	45	8.9154	130	5.9928	2741	921	10.60	4.10	7.60	W	0.75	980691	17.45	32.426
204	1:00	46	10.4312	130	7.6658	2800	921	7.67	4.60	10.70	W	0.50	980715	17.30	32.429
204	1:30	46	9.1537	130	10.1757	2768	921	193.40	4.70	8.70	W	0.50	980699	17.38	32.428
204	2:00	46	7.1970	130	8.8570	2656	921	144.00	4.20	9.40	SW	0.50	980675	17.50	32.424
204	2:30	46	5.4497	130	7.5279	2672	921	154.80	4.40	10.70	W	0.50	980682	17.50	32.410
204	3:00	46	3.4991	130	6.2158	2159	1094	154.80	4.30	16.80	W	0.50	980696	17.49	32.423
204	3:30	46	1.9463	130	4.9463	1751	1197	154.20	4.70	17.49	SW	0.50	980710	17.49	32.433
204	4:00	45	59.6412	130	3.6248	1581	1304	154.60	4.30	10.90	W	0.50	980719	17.47	32.433
204	4:30	45	57.6693	130	2.3026	1439	1412	155.20	4.30	8.80	W	0.75	980721	17.52	32.423
204	5:00	45	55.7744	130	1.0339	1431	1515	155.00	4.20	9.20	W	0.75	980719	17.54	32.420
204	5:30	45	53.8004	130	50.7725	1577	1617	155.40	4.10	7.40	W	0.75	980712	17.59	32.417
204	6:00	45	32.0012	129	58.5009	1821	1721	154.80	4.30	7.90	W	1.00	980704	17.63	32.412
204	6:30	45	49.9998	129	57.1682	1888	1830	155.00	4.40	8.40	SW	0.50	980693	17.69	32.419
204	7:00	45	48.0165	129	55.8467	2230	1938	155.10	4.60	7.80	W	0.50	980683	17.71	32.424
204	7:30	45	45.9908	129	54.4980	2273	2048	154.70	4.40	11.10	SW	0.50	980675	17.74	32.431
204	8:00	45	43.9611	129	53.1315	2376	2148	155.00	4.50	10.50	W	0.50	980670	17.86	32.439
204	8:30	45	42.1698	129	53.6318	2400	2148	153.00	4.10	10.20	W	0.50	980666	17.87	32.462
204	9:00	45	40.2325	129	50.3422	2411	2148	156.50	4.10	9.30	SW	0.50	980666	17.90	32.491
204	9:30	45	38.3901	129	49.1598	2394	2148	154.80	4.30	10.00	SW	1.00	980662	17.94	32.496
204	10:00	45	36.4463	129	47.9578	2553	2148	156.30	3.90	8.10	SW	0.75	980659	17.88	32.501
204	10:30	45	34.8232	129	46.7679	2504	2148	153.90	3.80	11.30	SW	0.50	980658	17.92	32.500
204	11:00	45	32.1576	129	45.5529	2616	2148	151.80	3.80	10.50	SW	0.50	980656	17.91	32.506
204	11:30	45	31.1577	129	44.2912	2566	2148	153.20	4.10	10.70	SW	0.50	980649	17.94	32.508
204	12:00	45	29.3685	129	43.0226	2684	2148	153.70	4.00	9.20	SW	0.50	980699	17.38	32.428
204	12:30	45	27.5513	129	41.7555	2692	2148	155.20	4.00	10.50	SW	0.50	980662	17.96	32.511
204	13:00	45	25.5694	129	40.5640	2694	2148	158.50	4.10	13.40	SW	0.50	980634	17.95	32.512
204	13:30	45	23.6284	129	39.4946	2679	2148	158.30	4.10	7.70	SW	0.25	980632	17.94	32.512
204	14:00	45	21.7093	129	38.4600	2649	2148	159.50	3.80	11.90	SW	0.25	980632	17.95	32.508
204	14:30	45	19.8649	129	37.5951	2654	2148	157.90	4.00	12.70	SW	0.50	980636	17.97	32.505
204	15:00	45	18.0234	129	36.6109	2623	2148	158.40	4.10	9.60	SW	0.25	980627	18.05	32.508
204	15:30	45	16.2819	129	35.5146	2684	2148	155.50	3.80	10.70	SW	0.25	980624	18.05	32.508
204	16:00	45	14.5673	129	34.3003	2662	2148	150.90	3.80	9.90	W	0.25	980617	18.02	32.506
204	16:30	45	12.5058	129	29.6257	2725	2148	61.20	4.90	10.00	SW	0.25	980600	18.10	35.512
204	17:00	45	12.5058	129	29.6257	2725	2148	61.20	4.90	10.00	sw	0.25	980600	18.10	35.512
204	17:30	45	14.4385	129	28.6485	2728	2148	340.30	4.10	12.30	W	0.50	980631	18.08	32.512
204	18:00	45	18.9461	129	29.9462	2712	2148	333.00	4.20	11.20	W	0.50	980639	18.10	32.505
204	18:30	45	18.2024	129	31.2480	2696	2148	334.90	4.30	12.70	W	0.50	980643	18.06	32.504
204	19:00	45	20.1722	129	32.5789	2354	2148	334.00	4.30	16.90	W	0.50	980649	18.09	32.507
204	19:30	45	22.1045	129	34.0165	2659	2148	331.40	4.20	12.90	SW	0.50	980652	18.10	32.500
204	20:00	45	23.9288	129	35.5260	2650	2148	329.00	4.10	12.00	W	0.50	980655	18.12	32.505
204	20:30	45	25.6482	129	36.9569	2691	2148	328.90	4.00	11.40	W	0.50	980655	18.07	32.505
204	21:00	45	27.3600	129	38.3214	2690	2148	332.60	3.80	13.60	W	0.50	980655	18.12	32.509
204	21:30	45	29.1687	129	39.3470	2691	2148	331.20	4.20	12.80	W	0.50	980658	18.14	32.509
204	22:00	45	31.1325	129	41.0201	2686	2148	334.30	4.40	12.70	W	0.50	980661	18.08	32.504
204	22:30	45	33.0440	129	42.3975	2533	2148	334.40	3.80	11.30	W	0.25	980670	18.17	32.480
204	23:00	45	34.5406	129	43.1245	2265	2148	331.40	3.10	11.00	NW	0.75	980677	18.22	32.503
204	23:30	45	36.0308	129	43.3917	2468	2148	331.60	3.60	10.50	NW	0.50	980670	18.20	32.484
205	0:00	45	36.4795	129	40.8980	2540	2148	109.70	4.10	9.90	W	0.50	980645	18.22	32.487
205	0:30	45	35.0503	129	36.1312	2694	2148	114.50	3.50	9.60	NW	0.50	980637	18.24	32.487
205	1:00	45	34.8630	129	34.5449	2696	2148	114.00	3.30	9.30	W	0.50	980636	18.25	32.485
205	1:30	45	34.0501	129	33.0876	2692	N/A	116.30	3.60	11.20	NW	0.50	980637	18.24	32.488
205	2:00	45	33.2386	129	30.7115	2680	N/A	114.70	3.60	10.70	NW	0.50	980637	18.21	32.484
205	2:30	45	32.5235	129	28.4859	2680	N/A	115.80	3.40	8.60	NW	0.50	980637	18.28	32.498
205	3:00	45	31.6949	129	26.1662	2680	N/A	115.80	3.60	10.10	NW	0.50	980636	18.31	32.507
205	3:30	45	30.9292	129	23.8492	2680	N/A	114.90	3.40	10.10	NW	0.25	980635	18.27	32.494
205	4:00	45	30.2069	129	21.4933	2680	N/A	110.90	3.30	9.80	NW	0.25	980635	18.26	32.522
205	4:30	45	29.3614	129	20.3616	2680	N/A	110.20	3.40	10.20	NW	0.50	980633	18.23	32.525
205	5:00	45	29.0309	129	17.1267	2680	N/A	110.70	3.40	9.30	NW	0.25	980634	18.26	32.529
205	5:30	45	28.4474	129	14.7802	2680	N/A	107.90	3.40	10.40	NW	0.25	980631	18.26	32.532
205	6:00	45	27.9078	129	12.6284	2680	N/A	112.40	3.20	10.60	NW	0.50	980633	18.22	32.525
205	6:30														
205	7:00														
205	7:30	45	26.4871	129	7.4379	2680	N/A	111.80	2.60	10.60	NW	0.50	980632	18.34	32.515
205	8:00	45	26.0079	129	5.7292	2680	N/A	111.50	2.20	8.80	NW	0.50	980631	18.31	32.516
205	8:30	45	25.6147	129	4.0110	2680	N/A	84.90	1.10	7.50	NW	0.50	980636	18.34	32.514
205	9:00	45	25.6286	129	3.4032	2680	N/A	91.90	0.50	8.20	NW	0.50	980642	18.33	32.512
205	9:30	45	25.6224	129	3.2229	N/A	N/A	101.50	0.60	13.80	NW	0.75	980642	18.33	32.510
205	10:00	45	25.5742	129	2.7386	N/A	N/A	101.50	9.40	9.70	NW	0.50	980641	18.33	32.510
205	10:30	45	25.6718	129	2.3277	N/A	N/A	149.80	0.20	9.00	NW	0.50	980644	18.38	32.509
205	11:00	45	26.0626	129	3.5327	N/A	N/A	296.90	1.90	8.80	NW	0.50	980653	18.31	32.511
205	11:30	45	26.5050	129	4.7132	N/A	N/A	296.10	1.90	9.90	NW	0.50	980654	18.2	

207	2:30	46	3.4097	130	5.6872	2079	1105	154.90	4.80	14.70	SW	1.00	980698	17.92	32.436	
207	3:00	46	1.2449	130	4.2293	1690	1123	154.40	4.70	12.70	SW	1.00	980715	18.05	32.429	
207	2:30	45	59.0720	129	51.7315	2112	1343	154.20	4.80	16.00	SW	1.25	980712	18.23	32.427	
207	4:00	45	58.2666	130	1.2283	1553	1465	154.60	5.00	16.40	SW	1.00	980717	18.09	32.438	
207	4:30	45	54.6159	129	59.7485	1544	1586	154.70	4.70	17.00	SW	1.00	980713	18.11	32.429	
207	4:30	45	54.3604	129	54.3604	1595	1099	154.80	4.70	15.80	SW	1.00	980704	18.26	32.415	
207	5:30	45	50.3809	129	56.9213	1915	1816	155.20	4.70	13.50	SW	1.00	980695	18.25	32.410	
207	6:00	45	45.2093	129	55.4753	2192	1935	154.60	4.90	13.20	SW	1.00	980683	18.35	32.421	
207	6:00	45	45.9855	129	53.9930	2224	2056	154.80	5.00	16.00	SW	1.25	980675	18.20	32.418	
207	7:00	45	41.7217	129	53.6082	2148	2148	154.70	4.70	15.70	SW	1.00	980672	18.27	32.426	SQL P1108 @05:52
207	7:30	45	41.5600	129	52.0029	2181	2148	133.10	4.70	15.20	SW	1.00	980660	18.31	32.431	
207	8:00	45	41.4910	129	49.0299	2205	2148	53.40	4.40	14.20	SW	0.75	980656	18.45	32.445	
207	8:30	45	41.6461	129	48.8265	2159	2148	322.70	4.10	17.70	W	0.50	980649	18.40	32.441	
207	9:00	45	45.1330	129	50.3030	2161	2148	331.10	4.20	20.30	W	1.25	980648	18.33	32.429	
207	9:30	45	47.0429	129	51.6180	2040	2060	334.90	4.30	15.50	SW	0.75	980697	18.28	32.421	SQL P1204 @ 09:13
207	10:00	45	48.9884	129	52.9097	2087	1954	334.20	4.30	15.80	SW	1.25	980704	18.20	32.415	
207	10:30	45	50.5659	129	54.2158	1872	1847	335.40	4.30	15.90	SW	1.50	980713	18.15	32.411	
207	11:00	45	52.9531	129	55.5492	1769	1738	335.10	4.60	12.30	SW	0.50	980721	18.08	32.422	
207	11:30	45	55.0212	129	56.9496	1596	1625	333.80	4.60	15.10	SW	1.25	980731	17.94	32.435	
207	12:00	45	57.0367	129	58.2982	1527	1515	334.50	4.40	14.20	SW	1.00	980736	17.85	32.435	
207	12:30	45	58.9534	129	59.5845	1477	1511	334.00	4.30	14.60	SW	1.00	980736	17.85	32.435	
207	13:00	46	0.8139	130	0.8314	1592	1309	335.20	4.80	14.10	SW	0.75	980744	17.76	32.425	
207	13:30	46	2.7054	130	2.1026	1702	1206	335.30	4.20	13.40	SW	1.00	980743	17.79	32.436	
207	14:00	46	4.6212	130	3.2129	1952	1096	336.40	4.40	15.20	SW	1.00	980732	17.76	32.433	
207	14:30	46	6.6549	130	4.7704	2267	990	332.40	4.40	13.40	SW	1.00	980715	17.76	32.442	
207	15:00	46	8.6763	130	5.9707	2744	921	334.70	4.40	11.60	SW	1.00	980701	17.63	32.435	
207	15:30	46	6.8604	130	9.1379	2708	921	156.30	4.20	24.10	SW	1.00	980680	17.67	32.439	
207	16:00	46	7.7951	130	7.9514	2754	921	177.40	4.50	24.40	SW	1.00	980709	17.62	32.434	
207	16:30	46	8.6004	130	9.1379	2708	921	156.30	4.20	24.10	SW	1.00	980680	17.67	32.439	
207	17:00	46	5.1245	130	7.9772	2687	921	154.80	3.50	20.20	SW	1.00	980684	17.59	32.441	
207	17:30	46	3.3556	130	6.7717	2154	1093	153.60	4.50	20.20	SW	1.00	980693	17.73	32.434	
207	18:00	46	1.2953	130	1.3697	1681	2145	156.60	4.60	15.90	SW	1.00	980709	17.82	32.434	
207	18:30	45	59.1914	130	3.9800	1551	1319	155.60	4.50	20.00	W	1.00	980719	17.73	32.428	
207	19:00	45	57.1241	130	2.6211	1446	1431	155.30	4.60	14.70	W	1.50	980719	17.82	32.427	
207	19:30	45	59.9524	130	1.1580	1118	1050	155.90	4.90	11.10	SW	1.00	980715	17.89	32.437	
207	20:00	45	52.6506	129	59.6171	1704	1675	155.10	4.80	14.80	W	1.00	980708	17.96	32.427	
207	20:30	45	50.5847	129	58.2357	1901	1788	155.50	5.00	9.50	W	1.00	980697	18.01	32.408	
207	21:00	45	48.2740	129	56.0815	2126	1914	156.40	5.10	11.50	NW	0.50	980684	18.20	32.406	
207	21:30	45	21.8423	129	45.0344	2771	2047	155.70	5.60	11.20	NW	0.75	980674	18.16	32.414	
207	22:00	45	43.7717	129	54.6714	2108	2131	196.40	4.20	15.50	NW	0.75	980689	18.24	32.403	
207	22:30	45	41.4883	129	54.8338	2371	2131	148.50	4.60	19.30	W	0.75	980667	18.35	32.405	
207	23:00	45	23.1429	129	23.1465	2146	2131	142.20	4.60	14.20	W	0.75	980649	18.38	32.409	
207	23:30	45	42.3629	129	50.2018	2396	2131	359.00	4.40	13.30	NW	0.50	980674	18.43	32.428	
208	0:00	45	41.9481	129	51.9626	2372	2131	322.10	4.20	10.60	NW	1.00	980691	18.42	32.414	
208	0:30	45	45.8528	129	53.4302	2145	2087	335.20	4.50	14.10	W	1.00	980693	18.43	32.420	
208	1:00	45	47.8870	129	47.8741	2222	1976	335.40	4.50	15.10	W	1.00	980699	18.45	32.411	
208	1:30	45	49.9472	129	56.1544	1990	1864	335.10	4.50	15.20	NW	0.50	980709	18.25	32.406	
208	2:00	45	51.9010	129	57.4565	1808	1757	334.80	4.30	15.90	W	0.75	980719	18.15	32.423	
208	2:30	45	53.8359	129	58.7499	1608	1652	335.70	4.20	15.00	W	0.75	980727	18.07	32.438	
208	3:00	45	55.7271	129	59.9990	1538	1549	335.90	4.00	13.70	NW	0.75	980754	18.02	32.435	
208	3:30	45	57.6043	130	1.2400	1567	1447	336.20	4.20	12.70	NW	0.75	980740	18.00	32.426	
208	4:00	45	59.3367	130	2.4430	1542	1343	345.30	4.20	15.70	NW	0.75	980739	17.98	32.433	
208	4:30	46	1.5012	130	1.4948	1747	1219	333.70	4.40	15.30	NW	0.75	980738	17.93	32.434	
208	5:00	46	3.4858	130	4.8281	2070	1131	334.90	4.40	14.10	NW	0.75	980728	17.85	32.440	
208	5:30	46	5.4382	130	6.1417	2419	1025	334.70	4.40	14.10	NW	0.75	980711	17.83	32.436	
208	6:00	46	7.5058	130	7.5187	2969	921	339.80	4.60	14.60	NW	0.75	980701	17.25	32.425	
208	6:30	46	9.5913	130	9.0521	2690	921	339.20	4.40	13.80	NW	0.75	980690	17.82	32.437	SQL I1124 @ 05:57
208	7:00	46	10.9546	130	9.9040	2773	921	261.90	4.90	16.30	NW	0.10	980718	17.74	32.440	
208	7:30	46	9.3019	130	11.1390	2662	921	174.80	4.50	16.90	NW	0.00	980692	17.74	32.434	
208	8:00	46	7.1856	130	7.1856	2662	921	160.70	4.30	17.70	NW	0.10	980681	17.75	32.431	
208	8:30	46	5.1639	130	8.5062	2700	986	156.10	4.60	12.80	NW	0.25	980678	17.77	32.438	SQL I1060 @8:10
208	9:00	46	3.0763	130	7.0986	2056	1100	155.50	4.60	14.40	NW	1.00	980693	17.76	32.441	
208	9:30	46	0.8905	130	6.4203	1675	1208	178.10	4.40	13.00	NW	1.00	980716	17.81	32.436	
208	10:00	45	58.7625	130	5.6465	1602	1314	155.40	4.50	10.50	NW	0.75	980716	17.86	32.436	
208	10:30	45	56.8277	130	4.4604	1583	1419	154.50	4.20	11.00	NW	0.25	980715	17.86	32.430	
208	11:00	45	54.8861	130	3.0607	1616	1525	154.90	4.40	9.10	NW	0.25	980711	17.87	32.435	
208	11:30	45	51.8802	130	1.7346	1652	1419	155.20	4.90	10.00	NW	0.25	980708	17.87	32.438	
208	12:00	45	50.8282	130	0.3730	1762	1746	153.00	4.60	7.70	NW	0.25	980701	17.93	32.424	
208	12:30	45	48.8100	129	59.0158	1970	1856	154.70	4.40	10.20	NW	0.25	980692	18.00	32.411	
208	13:00	45	46.8372	129	57.6848	2128	1964	154.60	4.50	17.20	NW	0.25	980681	18.12	32.413	
208	13:30	45	47.8870	129	46.7811	2222	1976	155.40	4.60	17.20	NW	0.25	980673	18.16	32.422	SQL I1060 @13:49
208	14:00	45	47.2452	129	54.6696	2257	2148	129.70	4.90	17.10	NW	0.50	980664	18.16	32.417	
208	14:30	45	41.6769	129	53.8792	2382	2148	104.20	4.60	17.10	N	0.50	980652	18.17	32.431	
208	15:00	45	42.7016	129	42.7016	2357	2148	10.80	4.70	18.80	N	0.50	980662	18.28	32.439	
208	15:30	45	44.8034	129	49.8662	2433	2148	334.40	4.60	11.10	N	0.50	980687	18.23	32.432	
208	16:00	45	46.7842	129	51.2114	2136	2077	334.80	4.30	11.40	N	0.50	980694	18.21	32.426	SQL P1212
208	16:30	45	48.8152	129	52.5576	2066	1967	335.00	4.50	12.20	N	0.50	980702	18.12	32.421	
208	17:00	45	50.8748	129	50.8748	1906	1855									

210	9:30	45	42.7214	129	48.3075	2302	2148	2993.70	4.40	17.70	N	0.25	980698	18.30	32.459
210	10:00	45	44.6052	129	49.3332	2419	2148	5.80	4.30	14.50	N	0.25	980674	18.34	32.454
210	45	40.7114	129	50.2952	2126	2092	2092	12.50	4.70	15.75	N	0.25	980695	18.31	32.447
210	11:00	45	48.8266	129	53.7810	2059	1977	334.60	4.70	14.60	N	0.25	980705	18.22	32.437
210	11:30	45	50.8877	129	53.1406	1898	1865	335.20	4.60	13.60	N	0.25	980711	18.10	32.431
210	46	10.1793	130	6.6041	2557	921	7.80	4.50	16.90	N	0.25	980695	17.87	32.449	
210	12:30	45	55.1954	130	6.0041	2557	921	7.60	4.50	16.90	N	0.25	980695	17.87	32.449
210	13:00	45	57.3142	129	57.4441	1533	1515	334.90	4.70	12.90	N	0.25	980735	17.88	32.444
210	13:30	45	59.4575	129	58.8720	1511	1398	335.40	4.80	12.90	N	0.25	980738	17.80	32.447
210	14:00	46	54.2620	130	6.2620	1622	1386	335.20	4.70	13.20	N	0.25	980744	17.81	32.443
210	14:30	46	3.6535	130	1.6949	1735	1169	336.30	4.80	11.50	N	0.25	980745	17.85	32.439
210	15:00	46	5.7663	130	3.0933	2080	1055	334.90	4.60	11.40	NW	0.25	980730	17.80	32.438
210	15:30	46	7.8147	130	4.4648	2505	943	335.10	4.60	18.30	NW	0.25	980714	17.74	32.445
210	16:00	46	9.4847	130	4.4539	2471	921	334.50	4.70	13.20	NW	0.25	980711	17.69	32.455
210	16:30	46	11.2744	130	5.6467	2770	921	64.20	4.30	9.60	NW	0.25	980677	17.67	32.458
210	17:00	46	10.6892	130	2.6956	2685	921	136.20	4.80	10.40	NW	0.25	980685	17.78	32.446
210	17:30	46	8.6756	130	0.9751	2186	921	155.10	4.80	12.10	NW	0.25	980708	17.86	32.437
210	18:00	46	6.4108	129	59.4727	1800	1062	154.00	4.80	11.50	NW	0.25	980723	18.00	32.439
210	18:30	46	4.2289	129	58.0268	1714	1180	155.10	4.80	11.60	NW	0.50	980723	18.02	32.441
210	19:00	46	1.9844	129	56.5248	2177	1303	155.60	4.90	10.20	NW	0.50	980705	17.93	32.447
210	19:30	45	50.7778	129	53.0500	2282	1423	155.10	4.80	9.00	NW	0.50	980695	17.89	32.451
210	20:00	45	57.5481	129	53.5605	1918	1544	155.90	4.90	9.70	NW	0.50	980699	18.10	32.448
210	20:30	45	55.3222	129	52.0775	1758	1666	154.90	5.00	8.60	NW	0.75	980703	18.17	32.451
210	21:00	45	52.9874	129	50.4958	1950	1793	154.40	5.20	11.60	W	0.50	980696	18.34	32.449
210	21:30	45	50.0857	129	48.9629	1956	1919	155.30	5.10	9.80	NW	0.50	980686	18.46	32.443
210	22:00	45	48.4310	129	47.4867	2304	2041	155.40	4.90	9.30	W	0.50	980674	18.58	32.449
210	22:30	45	46.2455	129	45.9970	2566	2148	149.40	4.70	11.00	NW	0.50	980663	18.62	32.458
210	23:00	45	40.6032	129	40.9720	2603	2148	166.30	4.80	10.40	W	0.50	980664	18.70	32.482
210	23:30	45	42.8441	129	45.4019	2554	2148	250.40	4.40	11.40	NW	0.50	980693	18.64	32.477
211	0:00	45	43.7485	129	48.0596	2346	2148	325.40	4.60	12.00	W	0.50	980688	18.71	32.463
211	0:30	45	45.7862	129	49.5445	2330	2146	333.90	4.80	10.40	W	0.50	980690	18.65	32.457
211	1:00	45	47.9621	129	47.9621	2024	2024	335.70	4.70	11.10	W	0.50	980701	18.63	32.446
211	1:30	45	50.1067	129	52.4253	1998	1911	334.60	4.80	10.80	W	0.50	980709	18.55	32.440
211	2:00	45	52.3142	129	53.8945	1859	1799	335.80	4.80	7.70	W	0.50	980717	18.42	32.455
211	2:30	45	52.4321	129	52.3021	1635	1635	335.10	4.80	8.90	W	0.50	980721	18.36	32.452
211	3:00	45	56.5934	129	56.7454	1566	1558	334.50	4.60	13.80	W	0.25	980732	18.29	32.455
211	3:30	45	58.7286	129	58.1778	1541	1441	335.30	4.90	15.70	W	0.25	980735	18.19	32.452
211	4:00	46	0.8416	129	59.5952	1588	1326	334.70	4.60	19.00	W	0.25	980740	18.26	32.447
211	4:30	46	2.8943	130	0.9604	1871	1214	334.80	4.80	18.20	W	0.50	980745	18.22	32.444
211	5:00	46	4.9726	130	2.3648	1879	1101	335.50	4.50	18.80	SW	0.25	980738	18.14	32.447
211	5:30	46	7.0128	130	3.7366	2331	989	334.80	4.60	15.60	SW	0.13	980721	18.04	32.455
211	6:00	46	8.9508	130	1.3357	2787	921	335.10	4.70	21.20	SW	0.13	980713	17.96	32.463
211	6:30	46	10.8877	130	6.2510	2778	921	20.80	4.20	19.50	SW	0.50	980689	17.88	32.470
211	7:00	46	11.7599	130	3.6500	2760	921	103.60	4.50	20.10	SW	0.50	980676	17.88	32.468
211	7:30	46	10.1553	130	1.5661	2503	921	161.00	4.40	21.20	SW	0.50	980700	17.95	32.450
211	8:00	46	8.1241	130	0.3939	2023	921	156.20	4.40	20.90	SW	0.50	980715	18.07	32.459
211	8:30	46	6.1168	129	59.0673	1766	1081	157.30	4.60	23.00	SW	0.75	980725	18.13	32.443
211	9:00	46	4.0001	129	57.6441	1724	1196	155.10	4.70	24.90	SW	0.50	980721	18.17	32.445
211	9:30	46	8.8939	129	56.2324	2305	1311	155.20	4.60	22.20	SW	0.50	980703	18.20	32.447
211	10:00	45	59.7726	129	54.8260	2301	1426	155.00	4.70	21.90	SW	0.25	980693	17.99	32.452
211	10:30	45	57.6195	129	53.4023	1922	1543	155.00	4.70	22.50	SW	0.50	980701	18.07	32.450
211	11:00	45	55.4394	129	55.9479	1753	1662	155.20	4.90	23.40	SW	0.50	980702	18.10	32.452
211	11:30	45	53.2519	129	52.1519	1781	1781	155.70	4.80	23.50	SW	0.25	980696	18.15	32.453
211	12:00	45	51.0958	129	49.0664	1929	1899	156.10	4.70	22.10	SW	0.25	980688	18.21	32.440
211	12:30	45	48.9716	129	47.8352	2287	2015	155.80	4.80	23.10	SW	0.25	980676	18.33	32.447
211	13:00	45	46.8386	129	46.2138	2562	2131	155.10	4.70	19.40	SW	0.50	980666	18.38	32.456
211	13:30	45	43.1435	129	43.1435	2571	2148	143.80	4.70	18.60	SW	0.50	980655	18.41	32.470
211	14:00	45	43.2836	129	44.3235	2584	2148	238.50	4.30	14.20	SW	0.25	980688	18.37	32.465
211	14:30	45	43.2661	129	47.0483	2474	2148	302.10	4.10	16.80	NW	0.50	980693	18.32	32.458
211	15:00	45	46.9845	129	46.7369	2395	2148	332.20	4.20	14.10	W	0.50	980688	18.27	32.455
211	15:30	45	46.8667	129	50.0100	2297	2091	335.30	4.20	13.30	W	0.50	980694	18.32	32.442
211	16:00	45	48.7946	129	51.3254	2050	1986	335.20	4.40	15.00	W	0.50	980703	18.20	32.443
211	16:30	45	50.7112	129	52.5802	1916	1881	334.10	4.30	13.60	NW	0.50	980709	18.07	32.449
211	17:00	45	52.7866	129	51.8866	1909	1869	335.20	4.40	12.80	NW	0.50	980699	18.09	32.452
211	17:30	45	54.7174	129	55.2357	1644	1663	335.70	4.60	12.00	NW	0.50	981728	17.98	32.450
211	18:00	45	56.6968	129	56.5524	1571	1556	335.70	4.20	11.10	NW	0.50	980730	17.96	32.447
211	18:30	45	58.5900	129	58.8155	1585	1585	335.10	4.10	11.50	NW	0.50	980733	18.03	32.443
211	19:00	46	0.5549	129	59.1206	1604	1346	335.70	4.20	12.40	NW	0.50	980737	17.99	32.443
211	19:30	46	2.4956	130	0.4301	1651	1240	335.90	4.10	10.60	NW	0.50	980744	18.01	32.447
211	20:00	46	4.4315	130	1.7230	1748	1134	335.00	4.40	9.20	NW	0.50	980742	18.01	32.455
211	20:30	46	6.4736	130	0.0957	2200	1023	333.80	4.50	10.90	NW	0.50	980727	18.06	32.457
211	21:00	46	8.5443	130	4.4938	2650	921	331.60	4.40	8.20	NW	0.25	980710	17.90	32.473
211	21:30	46	10.5115	130	5.6542	2762	921	15.30	4.40	9.70	NW	0.75	980693	17.90	32.478
211	22:00	46	11.4004	130	3.3059	2740	921	116.00	4.60	9.70	NW	0.75	980679	17.92	32.473
211	22:30	46	9.5788	130	1.4006	2390	921	154.70	4.20	11.60	N	1.00	980702	18.03	32.458
211	23:00	46	8.0494	130	0.0998	1988	979	155.70	4.30	10.50	NW	1.00	980716	18.14	32.444
211	23:30	46	6.6970	129	58.7845	1770	1086	154.90	4.40	9.40	NW	0.75	980726	18.33	32.438
212	0:00	46	0.0000	129	51.0517	1754	1504	155.20	4.50	12.60	NW	0.50	980722	18.36	32.444
212	0:30	46	2.0322	129	56.0601	2259	1307	154.50	4.50	11.20	NW	0.50	980704	18.41	32.446
212	1:00	45	59.9585	129	54.6811	2283	1420	154.30	4.						

213	16:30	45	58.8136	129	57.3347	1641	1450	335.40	4.30	15.40	SW	0.75	980730	18.17	32.403
213	17:00	46	0.7341	129	58.6320	1632	1345	335.10	4.20	13.30	SW	1.00	980736	18.18	32.400
213	17:30	46	17.9212	129	65.9212	1658	1240	335.20	4.20	14.50	SW	1.00	980744	18.12	32.416
213	18:00	46	4.6088	130	1.2569	1768	1133	335.1	4.40	14.10	SW	2.00	980744	18.00	32.419
213	18:30	46	6.6732	130	2.6122	2221	1021	335.20	4.60	11.10	SW	1.00	980730	17.93	32.440
213	19:00	46	1.9800	130	3.9764	2592	921	335.30	4.30	11.90	SW	1.00	980744	18.02	32.439
213	19:30	46	10.6197	130	5.2203	2759	921	333.50	4.30	7.00	SW	2.00	980706	18.06	32.388
213	20:00	46	12.6235	130	6.2173	2772	921	11.00	4.10	2.30	N	1.00	980796	18.03	32.402
213	20:30	46	13.5085	130	3.8889	2764	921	106.90	4.60	4.00	NE	1.50	980679	18.02	32.391
213	21:00	46	11.6800	130	1.9013	2732	921	151.40	4.50	4.10	NE	1.50	980695	18.01	32.399
213	21:30	46	9.6300	130	0.4560	2326	921	152.10	4.50	4.40	N	1.25	980708	18.02	32.425
213	22:00	46	7.5899	129	59.0747	1840	921	158.50	4.70	5.80	N	0.75	980723	18.08	32.422
213	22:30	46	5.6676	129	57.7444	1865	921	150.40	4.10	7.80	N	0.50	980725	18.17	32.413
213	23:00	46	3.7270	129	46.4143	1926	921	155.00	4.00	25.10	N	0.75	980715	18.35	32.397
213	23:30	46	1.8280	129	55.1324	2288	921	154.80	4.20	27.40	N	0.50	980699	18.44	32.393
214	0:00	45	59.9669	129	53.8839	2267	921	156.20	4.30	17.20	N	0.50	980695	18.45	32.385
214	0:30	45	58.9542	129	52.5862	1958	921	155.10	4.20	21.40	N	0.75	980699	18.40	32.402
214	1:00	45	55.9026	129	51.2056	1909	921	154.50	4.50	24.70	N	0.75	980700	18.34	32.405
214	1:30	45	53.8473	129	49.8188	1860	921	154.50	4.60	24.00	N	0.75	980695	18.28	32.41
214	2:00	45	52.1404	129	48.6597	1965	921	155.60	3.80	21.40	N	0.75	980691	18.41	32.402
214	2:30	45	50.3724	129	47.5072	1977	204	155.70	3.90	20.20	N	0.75	980687	18.41	32.401
214	3:00	45	48.6096	129	46.3302	2506	921	156.10	3.80	23.10	N	0.75	980672	18.49	32.392
214	3:30	45	46.7948	129	45.1065	2499	921	153.10	4.10	19.50	N	0.75	980664	18.50	32.400
214	4:00	45	44.9554	129	43.8657	2036	921	151.40	3.90	16.40	N	0.75	980664	18.58	32.405
214	4:30	45	43.2134	129	42.4801	2573	921	152.10	4.10	18.64	N	0.75	980662	18.64	32.410
214	5:00	45	41.4250	129	41.0622	2637	921	148.60	4.10	16.50	N	0.75	980659	18.59	32.419
214	5:30	45	39.6118	129	39.7428	2625	921	155.50	4.20	19.00	N	0.75	980658	18.57	32.413
214	6:00	45	37.7067	129	39.2111	2592	921	152.40	4.30	18.20	N	0.75	980659	18.57	32.422
214	6:30	45	36.8372	129	41.9589	2508	921	284.10	4.70	20.20	N	1.00	980690	18.49	32.423
214	7:00	45	38.5592	129	43.8267	2480	921	337.70	4.50	18.40	N	0.50	980678	18.49	32.401
214	7:30	45	40.6191	129	44.9236	2470	921	338.60	4.40	17.70	N	0.50	980678	18.51	32.407
214	8:00	45	42.6450	129	45.4513	2523	921	338.00	4.60	12.10	NW	1.00	980651	18.54	32.413
214	8:30	45	44.6162	129	47.4960	2444	921	334.70	4.20	14.40	N	0.50	980684	18.53	32.407
214	9:00	45	46.4861	129	48.8987	2282	921	335.00	4.30	12.80	N	0.75	980680	18.50	32.411
214	9:30	45	48.5138	129	50.2437	1994	921	333.70	4.50	15.70	N	0.75	980702	18.40	32.403
214	10:00	45	50.5744	129	51.6220	1946	921	332.60	4.70	12.90	N	1.00	980711	18.28	32.403
214	10:30	45	52.6099	129	52.9709	1811	921	335.90	4.20	15.90	N	1.25	980717	18.17	32.416
214	11:00	45	54.5605	129	54.2706	1665	1084	336.60	4.10	15.10	NW	1.25	980725	18.14	32.413
214	11:30	45	56.3814	129	57.4869	1617	1065	334.60	4.70	14.40	N	0.75	980691	17.86	32.412
214	12:00	45	58.3273	129	56.7711	1649	1480	337.00	4.60	16.90	N	0.50	980729	18.07	32.397
214	12:30	46	0.4167	129	58.1549	1785	1366	333.80	4.60	10.40	N	0.50	980732	18.14	32.399
214	13:00	46	1.5632	129	59.5918	1669	2149	334.70	4.70	11.10	NW	0.75	980743	18.26	32.416
214	13:30	46	4.6634	130	1.0399	1753	1134	336.30	4.70	14.00	NW	0.50	980745	17.91	32.425
214	14:00	46	6.8089	130	2.4912	2182	1017	335.20	4.70	13.70	N	0.75	980732	17.84	32.433
214	14:30	46	8.8861	130	4.0301	2727	921	312.90	4.60	7.60	N	0.50	980719	17.84	32.419
214	15:00	46	10.8145	130	5.0878	2755	921	243.10	4.30	13.40	N	0.75	980691	17.86	32.422
214	15:30	45	11.5277	130	2.4684	2770	921	108.20	4.30	11.10	N	0.75	980652	17.90	32.403
214	16:00	46	9.8916	130	0.5750	2200	921	153.70	4.60	10.90	N	0.75	980708	17.89	32.417
214	16:30	46	7.9548	129	56.1407	1872	1006	155.60	4.60	12.30	N	0.50	980723	17.95	32.410
214	17:00	46	5.6163	129	57.6978	1853	1123	155.30	4.80	9.20	N	0.75	980725	18.04	32.413
214	17:30	46	3.4654	129	56.2833	2049	1240	154.70	4.80	8.30	N	0.50	980712	18.12	32.407
214	18:00	46	1.2379	129	54.8018	2224	1361	155.10	4.90	7.20	N	0.75	980697	18.25	32.404
214	18:30	46	59.2171	129	61.1712	2118	1483	154.80	4.80	8.00	N	0.75	980695	18.24	32.407
214	19:00	45	56.7968	129	51.7750	1902	1604	155.30	4.80	6.70	N	1.00	980699	18.17	32.416
214	19:30	45	54.6885	129	50.3702	1872	1719	155.40	4.70	8.60	N	1.00	980697	18.15	32.414
214	20:00	45	52.4696	129	48.9334	1963	1839	155.10	4.70	9.40	N	1.00	980691	18.23	32.412
214	20:30	45	50.4107	129	47.5668	2046	1951	154.70	4.90	7.70	N	0.75	980681	18.25	32.407
214	21:00	45	48.2457	129	46.1309	2635	2069	155.30	4.80	9.40	N	1.00	980668	18.43	32.403
214	21:30	45	46.1310	129	44.3439	2599	2148	126.60	4.90	9.80	N	0.50	980655	18.53	32.406
214	22:00	45	43.3284	129	42.4119	2539	2148	155.80	4.70	10.50	N	0.75	980669	18.27	32.414
214	22:30	45	42.8408	129	44.5091	2556	2148	266.50	4.50	12.50	N	0.50	980694	18.67	32.417
214	23:00	45	43.9846	129	46.8759	2566	2148	327.40	4.20	11.40	N	0.50	980685	18.67	32.413
214	23:30	45	45.5128	129	48.2669	2373	2159	334.80	4.30	10.70	N	1.25	980687	18.67	32.416
215	0:00	45	47.6297	129	49.6299	2074	2049	335.40	4.40	12.00	N	1.00	980697	18.66	32.413
215	0:30	45	50.3173	129	51.2257	1982	1919	335.10	4.40	12.20	N	1.00	980709	18.27	32.409
215	1:00	45	51.8856	129	52.2669	1891	1833	334.20	4.40	12.40	N	1.00	980714	18.37	32.420
215	1:30	45	53.9063	129	54.6306	1734	1823	334.50	4.70	12.70	N	0.75	980723	18.32	32.418
215	2:00	45	55.9381	129	54.9830	1632	1613	335.40	4.60	12.30	N	0.50	980730	18.32	32.417
215	2:30	45	57.9381	129	56.3247	1636	1608	334.30	4.40	14.00	N	0.50	980728	18.46	32.403
215	3:00	45	59.8864	129	57.6242	1777	1608	334.80	4.20	12.10	N	0.50	980728	18.45	32.408
215	3:30	46	1.2651	129	61.2160	1713	1268	334.90	4.60	12.10	NE	0.75	980742	18.27	32.416
215	4:00	46	4.0249	130	0.4183	1692	1171	335.00	4.80	11.80	NE	0.75	980747	18.17	32.423
215	4:30	46	6.0463	130	1.7739	1898	1061	355.00	4.40	14.80	NE	1.00	980737	18.12	32.433
215	5:00	46	7.9548	130	3.1166	2052	1065	335.10	4.60	11.00	NE	1.00	980723	18.27	32.423
215	5:30	46	8.8565	130	4.9539	2755	921	328.60	4.50	13.40	NE	1.00	980711	18.17	32.422
215	6:00	46	11.9202	130	5.0214	2760	921	42.70	4.20	11.00	N	1.00	980684	18.27	32.400
215	6:30	46	12.0707	130	2.1765	2777	921	120.00	4.30	13.00	N	1.00	980684	18.20	32.408
215	7:00	46	7.5132	130	10.1742	2228	921	155.80	4.80	11.40	NE	1.00	980706	18.22	32.415
215	7:30	46	7.9826	129	59.0961	1858	997	155.20	4.90	13.10	N	0.50	980720	18.21	32.417
215	8:00	46	5.7935	129	57.6410	1868	1116	154.90	4.80	14.80	N	0.50	980725	18.23	32.418

216	23:30	46	5.8357	130	1.0044	1880	1082	335.10	4.40	18.60	N	1.00	980741	18.10	32.427	EOL P1308 @ 00:15
217	0:00	46	7.7899	130	2.3182	2375	975	335.60	4.30	19.30	N	1.00	980727	18.04	32.425	
217	0:30	46	9.9165	130	4.0593	2785	921	336.25	4.40	19.00	N	0.75	980735	18.07	32.421	
210	1:00	46	11.4547	130	4.0288	2766	921	335.40	4.50	16.90	N	1.00	980686	18.08	32.418	
217	1:30	46	11.5835	130	1.0406	2549	921	130.50	4.70	18.70	N	1.00	980690	18.06	32.418	
217	2:00	46	9.4704	129	5.9211	2117	921	155.50	5.00	16.90	NW	1.00	980713	18.08	32.421	
217	2:30	46	7.3517	129	58.0134	1823	1050	155.20	4.90	15.50	N	0.75	980725	18.12	32.424	
217	3:00	46	4.6474	129	56.3333	1812	1186	154.80	5.10	16.80	NW	0.75	980719	18.18	32.417	
217	3:30	46	2.6938	129	54.9765	2239	1293	154.80	4.80	16.00	N	1.00	980719	18.18	32.417	
217	4:00	46	0.6493	129	51.4889	2213	1415	154.80	5.10	15.20	NW	1.00	980681	18.26	32.415	
217	4:30	45	58.2319	129	51.9970	1911	1536	154.90	4.90	17.90	NW	1.00	980698	18.27	32.422	
217	5:00	45	55.9710	129	50.4919	1972	1660	155.20	5.00	14.70	N	1.00	980698	18.11	32.433	
217	5:30	45	53.7460	129	49.0156	1991	1781	155.10	4.90	15.20	N	1.00	980692	18.06	32.430	
217	6:00	45	51.5235	129	47.5412	2033	1902	155.00	5.00	14.80	N	1.00	980683	18.06	32.433	
217	6:30	45	49.3137	129	46.0679	2551	2022	154.90	4.70	15.90	NW	1.00	980670	18.22	32.422	
217	7:00	45	47.2120	129	44.6583	2586	2137	154.80	4.60	14.20	NW	0.50	980664	18.26	32.429	
217	7:30	45	45.5779	129	42.6502	2618	2148	154.70	4.20	14.30	NW	1.00	980662	18.29	32.434	
217	8:00	45	43.7519	129	43.6021	2570	2148	239.80	4.60	16.70	NW	1.00	980689	18.35	32.440	
217	8:31	45	44.3882	129	46.4803	2561	2148	328.50	4.50	16.60	NW	1.00	980685	18.28	32.426	
217	9:00	45	46.4254	129	47.7494	2500	2148	334.70	4.70	16.00	NW	1.00	980688	18.24	32.426	
217	9:30	45	48.6554	129	49.2777	2001	2022	335.30	4.90	14.70	N	1.25	980701	18.25	32.424	
217	10:00	45	50.8847	129	50.7739	1930	1900	335.20	5.00	10.70	NW	1.25	980711	18.07	32.432	
217	10:30	45	53.1080	129	52.2603	1817	1779	335.00	4.90	13.90	N	1.25	980719	18.00	32.433	
217	11:00	45	55.3057	129	53.7238	1857	1609	334.00	4.90	15.00	N	1.00	980727	18.07	32.432	
217	11:30	45	57.4877	129	55.2056	1696	1540	335.50	4.80	15.20	NW	1.00	980725	18.14	32.426	
217	12:00	45	59.5839	129	56.6020	2232	1426	335.10	4.50	16.00	NW	1.00	980721	18.13	32.419	
217	12:30	46	1.6745	129	57.9919	1820	1312	335.40	4.50	13.20	NW	1.00	980732	18.08	32.419	
217	13:00	46	3.6603	129	56.3285	1713	1202	335.70	4.60	16.90	NW	1.00	980740	18.03	32.420	
217	13:30	46	5.7399	130	0.7322	1792	1090	334.70	4.70	16.90	N	0.75	980743	18.00	32.428	
217	14:00	46	7.8503	130	2.1303	2197	975	336.10	4.70	18.50	N	0.50	980727	17.97	32.424	
217	14:30	46	9.7336	130	3.9266	2783	921	319.50	4.40	12.90	NW	0.50	980718	17.90	32.422	
217	15:00	46	11.6779	130	4.7620	2768	921	324.60	4.60	15.50	N	0.50	980687	17.86	32.421	
217	15:30	46	11.4093	130	0.6060	2414	921	140.50	4.40	11.60	NW	0.75	980697	17.86	32.425	
217	16:00	46	9.1972	129	59.2390	2026	921	155.90	4.90	9.00	NW	0.50	980717	17.92	32.425	
217	16:30	46	7.0110	129	57.7515	1909	1080	155.60	4.90	11.60	NW	0.50	980725	18.01	32.423	
217	17:00	46	4.8180	129	56.2790	1759	1197	155.30	4.90	9.20	N	0.50	980719	18.07	32.418	
217	17:30	46	2.5896	129	54.7627	2302	1301	154.20	4.80	11.00	N	0.50	980700	18.16	32.425	
217	18:00	46	0.3858	129	53.2823	2224	1421	155.00	5.00	10.20	N	1.00	980695	18.21	32.426	
217	18:30	45	58.0809	129	51.7716	1880	1545	155.90	5.00	1.10	NW	0.50	980699	18.31	32.421	
217	19:00	45	55.8990	129	50.3230	2070	1665	155.30	4.90	9.90	N	1.00	980697	18.10	32.439	
217	19:30	45	53.5771	129	48.7812	1998	1792	154.10	5.10	12.10	NW	0.75	980692	18.09	32.436	
217	20:00	45	51.4402	129	47.1477	1909	1609	155.60	4.90	9.70	NW	1.00	980691	18.12	32.439	
217	20:30	45	49.2748	129	45.8796	2590	2026	155.10	4.60	10.50	NW	0.50	980669	18.39	32.428	
217	21:00	45	47.1860	129	44.4780	2585	2140	154.50	4.70	9.40	NW	0.75	980664	18.43	32.435	
217	21:30	45	45.0043	129	43.2885	2613	2148	164.80	4.60	11.30	NW	0.75	980667	18.47	32.437	
217	22:00	45	42.0033	129	42.0033	2574	2148	155.00	4.90	10.20	NW	1.00	980661	18.51	32.432	
217	22:30	45	44.3990	129	47.5030	2427	2148	332.90	4.40	10.70	N	1.00	980688	18.50	32.433	
217	23:00	45	46.4239	129	48.8658	2347	2148	334.50	4.60	9.40	NW	1.00	980691	18.60	32.440	
217	23:30	45	49.2080	129	50.2080	1973	2009	335.00	4.80	11.70	NW	1.00	980703	18.61	32.432	
218	0:00	45	50.7219	129	51.7129	1955	1894	334.50	4.70	12.30	NW	0.75	980711	18.36	32.439	
218	0:30	45	52.8104	129	53.1062	1783	1780	335.90	4.40	11.90	NW	0.75	980719	18.37	32.437	
218	1:00	45	54.8407	129	54.3329	1679	1671	342.30	4.40	10.70	NW	0.75	980724	18.46	32.437	
218	1:30	45	56.9312	129	53.6312	1634	1559	334.50	4.50	10.50	N	0.75	980729	18.53	32.425	
218	2:00	45	59.0286	129	57.0305	1653	1444	334.50	4.50	13.30	N	0.75	980728	18.38	32.423	
218	2:30	46	1.0876	129	58.4114	1688	1332	334.40	4.90	11.10	NW	0.75	980735	18.30	32.424	
218	3:00	46	3.2531	129	59.8617	1689	1214	335.00	4.70	12.50	N	0.75	980745	18.22	32.424	
218	3:30	46	5.4170	130	3.0913	1063	1096	335.40	4.90	12.40	NW	0.75	980742	18.30	32.424	
218	4:00	46	7.2691	130	3.6800	2354	979	313.60	5.00	11.20	NW	0.75	980731	18.06	32.426	
218	4:30	46	8.9412	130	6.2732	2661	921	329.60	5.00	14.50	N	0.75	980710	17.99	32.424	
218	5:00	46	11.0560	130	5.5928	2773	921	335.10	4.50	14.20	NW	0.75	980679	18.01	32.426	
218	5:30	46	10.7743	130	2.7508	2702	921	140.80	4.20	14.20	NW	0.75	980686	17.93	32.425	
218	6:00	46	8.7155	130	1.7416	2216	921	160.90	4.60	15.70	NW	0.50	980708	17.98	32.431	
218	6:30	46	6.5937	130	0.3252	1864	1041	155.10	4.40	14.00	NW	0.50	980721	18.08	32.429	
218	7:00	46	4.5301	129	58.9173	1759	1544	154.70	4.90	12.30	NW	0.50	980677	18.07	32.427	
218	7:30	46	2.4505	129	57.5211	1789	1267	158.00	4.60	8.50	N	0.50	980716	18.25	32.421	
218	8:00	46	0.3442	129	56.1270	2282	1382	154.60	4.70	9.20	N	0.50	980700	18.32	32.433	
218	8:30	45	54.5344	129	54.6812	1940	1609	154.40	4.40	10.90	NW	0.50	980699	18.45	32.425	
218	9:00	45	55.9307	129	53.1943	1691	1622	154.90	4.80	12.30	NW	0.75	980705	18.33	<	

220	6:30	45	59.9875	129	56.5946	2287	1408	334.70	5.00	3.50	W	0.25	980723	18.57	32.433	EOL R1324#08:36
220	7:00	46	2.1871	129	58.0893	1735	1288	335.00	4.90	3.40	SW	0.25	980736	18.42	32.434	
220	7:30	46	4.7323	129	59.6166	1728	1168	335.40	4.70	4.90	S	0.25	980717	18.41	32.440	
220	8:00	46	6.5733	130	1.0888	1888	1048	335.00	4.70	4.20	S	0.25	980740	18.09	32.435	
220	8:30	46	8.5074	130	2.7239	2378	937	304.50	4.00	4.90	SW	0.25	980729	18.00	32.444	
220	9:00	46	8.5156	130	5.3444	2815	921	270.60	3.80	7.20	SW	0.50	980718	18.46	32.429	
220	9:30	46	9.6835	130	6.8549	2579	921	255.30	4.00	7.30	SW	0.50	980696	18.15	32.426	
220	10:00	46	11.2726	130	4.9144	2773	921	28.80	4.30	8.10	SW	0.50	980675	18.16	32.431	
220	10:30	46	10.3593	130	2.2587	2583	921	151.10	4.60	8.70	W	0.50	980690	18.24	32.433	
220	11:00	46	8.1355	130	1.6531	2144	921	161.50	4.70	7.60	SW	0.50	980710	18.14	32.435	SOL C1348 #11:04
220	11:30	46	5.9565	130	0.3355	1814	1069	154.30	4.00	5.90	SW	0.75	980721	18.19	32.438	
220	12:00	46	3.7516	129	58.8779	1715	1189	154.90	4.80	7.10	SW	0.50	980725	18.27	32.440	
220	12:30	46	15.7670	129	57.4184	1946	1308	154.70	4.90	5.90	SW	0.50	980711	18.38	32.437	
220	13:00	45	59.3799	129	55.9554	2281	1427	155.30	4.70	4.40	SW	0.50	980699	18.43	32.431	
220	13:30	45	57.2701	129	54.5452	1709	1543	154.50	4.50	7.40	SW	0.50	980704	18.54	32.444	
220	14:00	45	55.0717	129	53.1032	1713	1662	155.00	4.90	9.40	SW	0.50	980705	18.61	32.449	
220	14:30	45	52.8261	129	51.5864	1879	1784	155.20	5.00	7.30	SW	0.50	980665	18.40	32.450	
220	14:55	45	50.6598	129	50.0376	1949	1904	154.30	5.00	8.30	SW	0.50	980688	18.56	32.449	
220	15:30	45	48.5154	129	48.5503	2093	2022	155.20	4.70	7.80	SW	0.50	980679	18.36	32.448	END OF THE GRID
220	16:00	45	46.3213	129	47.0820	2578	2141	154.40	5.00	7.30	SW	0.50	980665	18.40	32.450	
220	16:30	45	44.2546	129	45.7965	2650	2148	155.10	4.10	8.60	W	0.75	980663	18.56	32.447	
220	17:00	45	42.5823	129	44.5552	2573	2148	153.30	3.90	8.90	S	0.75	980662	18.59	32.450	
220	17:30	45	40.9587	129	43.3370	2540	2148	151.90	3.10	9.50	S	0.50	980662	18.61	32.447	
220	18:00	45	39.5674	129	42.2123	2534	2148	147.50	3.20	8.00	S	0.50	980661	18.66	32.450	
220	18:30	45	38.2267	129	40.9193	2577	2148	144.80	3.20	8.60	S	0.60	980657	18.76	32.456	
220	19:00	45	36.9260	129	39.5955	2573	2148	147.00	3.30	8.30	S	0.40	980654	18.76	32.461	
220	19:30	45	35.5028	129	38.3058	2573	2148	147.30	3.40	9.60	S	0.50	980650	18.83	32.459	
220	20:00	45	34.0333	129	37.0373	2573	2148	147.40	3.50	8.30	S	0.50	980644	18.82	32.462	Start of 2D survey with P2007 @08:27
220	20:30	45	32.5333	129	35.5886	2573	2148	147.50	3.70	7.8	S	0.50	980642	18.91	32.466	
220	21:00	45	31.0761	129	34.1171	2573	2148	144.00	3.60	9.60	S	0.50	980639	18.96	32.490	
220	21:30	45	29.6664	129	32.6020	2573	2148	143.70	3.50	8.90	S	0.50	980638	18.82	32.491	
220	22:00	45	28.2601	129	31.1037	2573	2148	143.50	3.40	8.50	SW	0.50	980637	18.78	32.495	
220	22:30	45	26.5849	129	29.3281	2573	2148	144.30	4.10	10.70	SW	0.75	980635	19.18	32.504	
220	23:00	45	25.2067	129	27.8726	2573	2148	142.90	3.30	9.00	SW	0.75	980632	19.17	32.517	
220	23:30	45	23.7824	129	26.3709	2573	2148	141.30	3.70	10.90	SW	0.75	980635	19.35	32.517	
221	0:00	45	22.5336	129	24.8726	2573	2148	139.90	3.50	8.30	S	0.50	980632	19.32	32.514	
221	0:30	45	21.1393	129	23.4260	2573	2148	162.20	3.30	7.20	S	0.50	980637	19.23	32.508	Magnetics "magnetic" in the water @10:04
221	1:06	45	20.0581	129	24.7781	2573	2148	287.00	2.00	7.60	S	0.50	980649	19.26	32.517	
221	1:41	45	18.9780	129	23.7173	2573	2148	119.00	1.90	9.00	S	0.50	980611	19.31	32.518	
221	2:00	45	22.3445	129	27.7622	2573	2148	317.80	4.40	7.80	S	0.50	980658	19.24	32.526	
221	2:30	45	21.8875	129	29.7852	2573	2148	319.10	4.40	6.50	S	0.25	980658	19.25	32.524	
221	3:00	45	21.4614	129	31.3413	NaN	NaN	318.40	4.60	6.30	S	0.25	980661	19.30	32.510	
221	3:30	45	27.2857	129	33.9197	NaN	NaN	319.00	4.40	7.30	S	0.25	980663	19.17	32.502	
221	4:00	45	28.9423	129	35.9888	NaN	NaN	318.30	4.30	7.40	S	0.25	980662	19.05	32.489	
221	4:30	45	30.5243	129	38.1059	NaN	NaN	316.70	4.60	6.20	S	0.50	980664	18.97	32.483	
221	5:00	45	50.0505	129	40.1908	NaN	NaN	316.10	4.50	5.10	S	0.75	980667	18.98	32.477	SOL P2008 @16:44
221	5:30	45	33.5082	129	41.9340	2501	NaN	321.60	3.90	3.90	S	1.00	980672	19.00	32.458	
221	6:00	45	34.9717	129	43.5570	2297	NaN	322.20	3.80	6.00	S	1.00	980680	18.94	32.456	
221	6:30	45	39.5655	129	45.3804	2220	NaN	320.20	4.20	5.70	S	0.25	980682	18.94	32.465	
221	7:00	45	38.2795	129	47.0094	2535	NaN	336.60	4.00	6.60	SE	0.25	980677	18.73	32.478	
221	7:30	45	40.0486	129	48.2565	2333	NaN	335.30	4.20	7.00	SE	0.50	980681	18.68	32.469	
221	8:00	45	42.1160	129	49.6373	2329	NaN	334.60	4.80	7.70	SE	0.25	980685	18.61	32.455	
221	8:30	45	40.2717	129	51.0211	2385	NaN	335.80	4.80	7.20	SE	0.40	980687	18.62	32.450	
221	9:00	45	46.2916	129	52.3367	2150	800	335.20	4.50	7.30	SE	0.50	980694	18.80	32.448	
221	9:30	45	48.4405	129	53.7020	2182	912	334.60	4.70	6.70	SE	0.50	980702	18.70	32.451	SOL P2006 @13:59
221	10:00	45	50.4074	129	55.0797	1957	1024	335.10	4.60	6.80	SE	0.75	980711	18.55	32.444	
221	10:30	45	50.4602	129	56.4427	1765	1336	334.40	4.00	4.90	SW	0.75	980702	18.13	32.440	
221	11:00	45	54.4219	129	57.7564	1606	1243	336.10	4.30	7.60	SE	0.50	980729	18.10	32.437	
221	11:30	45	56.3970	129	59.0799	1519	1351	334.80	4.30	8.00	SE	0.75	980717	18.39	32.443	
221	12:00	45	58.3674	130	61.4109	1553	1409	334.10	4.60	7.60	SE	0.75	980739	18.42	32.443	
221	12:30	46	0.3873	130	1.7509	1573	1568	334.40	4.50	10.00	S	0.50	980743	18.42	32.445	
221	13:00	46	2.4059	130	3.1078	1755	1678	335.30	4.40	7.70	S	0.50	980739	18.28	32.429	
221	13:30	46	4.3976	130	4.4340	2079	1787	335.20	4.40	6.80	SE	0.25	980726	18.24	32.435	
221	14:00	46	14.0622	130	6.8262	2491	1807	332.40	4.50	5.10	SE	0.25	980712	18.06	32.436	
221	14:30	46	8.8807	130	7.2808	2640	2006	332.50	4.30	5.30	S	0.25	980703	18.23	32.431	SOL P2008 @16:44
221	15:00	46	10.4222	130	8.6586	2784	2118	350.70	4.90	0.60	S	0.25	980700	18.22	32.428	
221	15:30	46	12.1754	130	6.6563	2778	2124	345.10	4.20	3.30	S	0.25	980676	18.18	32.423	
221	16:07	46	11.0162	130	3.6826	2748	2124	350.30	4.40	6.8.						

223	13:30	45	51.8551	129	58.7700	1798	1129	64.20	4.50	8.60	S	0.25	980691	19.28	32.443	51501	
223	14:00	45	52.8057	129	55.8538	1776	1240	64.70	4.50	8.20	SW	0.25	980690	19.10	32.449	51037	
223	14:30	45	53.7522	129	52.9454	1751	1351	65.20	4.50	9.90	SW	0.25	980691	19.11	32.441	51506	
223	15:00	45	54.6909	129	50.0489	1952	1461	65.60	4.50	8.60	SW	0.25	980684	19.02	32.435	51744	
223	15:30	45	55.6301	129	47.1368	2036	1571	65.70	4.40	8.90	SW	0.25	980681	18.91	32.453	51503	
223	16:00	45	56.5753	129	44.2352	1980	1681	65.20	4.50	9.40	SW	0.25	980683	18.96	32.438	51392	
223	16:30	45	57.8246	129	41.5310	2352	1748	64.00	4.60	10.60	S	0.25	980685	18.98	32.430	51430	
223	17:00	45	59.4735	129	39.1029	2427	1748	62.40	4.80	11.00	S	0.25	980680	19.08	32.443	51486	
223	17:30	45	58.6646	129	36.3957	2641	1748	155.50	4.50	11.30	SW	0.25	980683	19.10	32.454	51518	
223	18:00	45	56.7595	129	36.5007	2676	1748	222.90	4.20	11.00	SW	0.50	980699	19.12	32.458	51448	
223	18:30	45	55.7823	129	39.2112	2646	1748	245.10	4.50	13.20	SW	0.50	980707	19.27	32.454	51556	
223	19:00	45	54.8389	129	42.1131	2528	1748	245.80	4.50	9.10	SW	0.75	980708	19.25	32.446	51682	
223	19:30	45	53.8923	129	45.0218	2280	974	245.10	4.40	10.10	W	0.50	980710	19.33	32.445	51692	
223	20:00	45	52.8986	129	48.0804	1965	1090	244.30	4.70	6.40	W	0.50	980718	19.32	32.440	51408	
223	20:30	45	51.9791	129	50.9095	1918	1198	245.20	4.40	7.10	SW	1.00	980724	19.26	32.446	51359	
223	21:00	45	51.0335	129	53.8294	1882	1309	245.40	4.50	6.40	W	1.00	980724	19.31	32.452	51104	
223	21:30	45	50.0730	129	56.7657	1932	1421	245.00	4.50	5.70	SW	0.75	980723	19.30	32.437	51444	
223	22:00	45	49.1028	129	59.7397	1881	1534	244.60	4.50	5.80	W	0.75	980726	19.50	32.411	51881	
223	22:30	45	48.2094	130	2.4703	1830	1588	244.70	4.00	6.10	SW	0.75	980723	19.53	32.463	52010	
223	23:00	45	47.3343	130	5.0841	1830	1588	242.90	4.10	4.70	W	0.50	980715	19.33	32.456	51645	
223	23:30	45	46.4405	130	7.7385	1830	1588	245.30	4.30	5.30	W	0.50	980711	19.27	32.451	51166	

SOL P2001 @19:24

END OF SURVEY @22:14:39