SBQJ015 (8F56 JP-2008)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
25	**359**		**3.680**	**3.742**	13.2366			**11.5051**
2010-01-01		0.285				14.3600	0.0000	3309.2115
2010-01-10	9	0.095	-0.190	-7.706	29-31C	0.6267	-7.1743	51.4712
2010-01-21	11	-0.158	-0.253	-8.395	29-31C	0.7660	-9.2968	86.4298
2010-01-31	10	-0.400	-0.242	-8.833	29-31C	0.6964	-8.7566	76.6784
2010-02-14	14	-0.065	0.335	8.734	22-23C	0.9749	4.8673	23.6903
2010-02-28	14	0.429	0.494	12.879	22-23C	0.9749	8.9087	79.3649
2010-03-14	14	0.885	0.456	11.889	22-23C	0.9749	7.9428	63.0884
2010-03-28	**14**	**1.291**	0.406	10.585	22-23C	0.9749	6.6719	44.5147
2010-04-11	14	0.784	-0.507	-13.218	27-31C	0.9749	-16.5345	273.3912
2010-04-18	7	0.486	-0.298	-15.539	27-31C	0.4875	-9.3984	88.3293
2010-04-25	7	0.281	-0.205	-10.689	27-31C	0.4875	-7.0345	49.4843
2010-05-23	28	-0.194	-0.475	-6.192	22-31C	1.9499	-19.3689	375.1535
2010-06-06	14	-0.288	-0.094	-2.451	25-30C	0.9749	-6.0370	36.4451
2010-06-13	7	-0.645	-0.357	-18.615	5C	0.4875	-10.8980	118.7668
2010-06-20	7	-0.495	0.150	7.821	23-25C	0.4875	1.9888	3.9554
2010-06-27	7	-0.513	-0.018	-0.939	27-31C	0.4875	-2.2814	5.2047
2010-07-04	7	-1.230	-0.717	-37.386	32-35C	0.4875	-20.0484	401.9398
2010-07-18	14	-0.825	0.405	10.559	23-25C	0.9749	6.6465	44.1761
2010-08-01	14	-0.565	0.260	6.779	23-25C	0.9749	2.9609	8.7671
2010-08-22	21	-0.235	0.330	5.736	24-26C	1.4624	2.9163	8.5049
2010-09-12	21	0.620	0.855	14.861	22-24C	1.4624	16.2607	264.4098
2010-10-03	21	1.461	0.841	14.617	22-23C	1.4624	15.9048	252.9637
2010-10-17	14	1.744	0.283	7.378	22-26C	0.9749	3.5455	12.5708
2010-10-31	**14**	**1.978**	0.234	6.101	22-26C	0.9749	2.3001	5.2903
2010-11-28	28	2.498	0.520	6.779	22-26C	1.9499	5.9219	35.0684
2010-12-26	28	3.965	1.467	19.123	22-23C	1.9499	29.9925	899.5525

EBJ74-1742 (E510)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
25	**317**		**17.792**	**20.486**	3.1945			**3.2892**
2010-01-01		13.316				12.6800	0.0000	270.4726
2010-01-10	9	13.780	0.464	18.818	29-31C	0.7098	-1.1841	1.4
2010-01-21	11	14.435	0.655	21.734	29-31C	0.8675	1.0827	1.17
2010-01-31	10	15.070	0.635	23.178	29-31C	0.7886	2.1226	4.51
2010-02-14	14	16.059	0.989	25.785	19-23C	1.1041	5.8502	34.22
2010-02-28	14	16.976	0.917	23.908	19-23C	1.1041	3.7776	14.27
SERVICE **SERVICE**								
2010-04-11	**0**	**-0.073**						
2010-04-18	7	0.314	0.387	20.179	19-23C	0.5521	-0.1694	0.03
2010-04-25	7	0.750	0.436	22.734	19-23C	0.5521	1.2411	1.54
2010-05-02	7	1.059	0.309	16.112	5C	0.5521	-2.4146	5.83
2010-05-09	7	1.567	0.508	26.489	5C	0.5521	3.3137	10.98
2010-05-23	14	2.421	0.854	22.265	19-23C	1.1041	1.9641	3.86
2010-06-06	14	3.212	0.791	20.623	19-23C	1.1041	0.1506	0.02
2010-06-20	14	3.898	0.686	17.885	22-25C	1.1041	-2.8718	8.25
2010-07-04	14	4.600	0.702	18.302	21-25C	1.1041	-2.4113	5.81
2010-07-18	14	5.265	0.665	17.338	22-25C	1.1041	-3.4763	12.08
2010-08-01	14	5.750	0.485	12.645	27-31C	1.1041	-8.6577	74.96
2010-08-22	21	6.765	1.015	17.642	23-25C	1.6562	-4.7107	22.19
2010-09-05	14	7.522	0.757	19.736	22-24C	1.1041	-0.8281	0.69
2010-09-12	7	7.890	0.368	19.189	22-24C	0.5521	-0.7163	0.51
2010-09-19	7	8.230	0.340	17.729	26-30C	0.5521	-1.5223	2.32
2010-09-26	7	8.589	0.359	18.719	26-31C	0.5521	-0.9753	0.95
2010-10-03	7	8.945	0.356	18.563	25-30C	0.5521	-1.0617	1.13
2010-10-17	14	9.853	0.908	23.673	21-23C	1.1041	3.5185	12.38
2010-10-31	**14**	**10.702**	0.849	22.135	21-23C	1.1041	1.8202	3.31
2010-11-28	28	12.248	1.546	20.153	22-26C	2.2082	-0.7350	0.54
2010-12-26	28	14.059	1.811	23.608	21-23C	2.2082	6.8932	47.52

EBJ74-1611 (E510)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
27	**359**		**11.514**	**11.706**	3.1117			**3.2024**
2010-01-01		0.191				13.2963	0.0000	276.8895
2010-01-10	9	0.445	0.254	10.301	19-23C	0.6769	-0.9512	0.9
2010-01-21	11	0.810	0.365	12.111	19-23C	0.8273	0.3350	0.11
2010-01-31	10	1.150	0.340	12.410	19-23C	0.7521	0.5291	0.28
2010-02-14	14	1.731	0.581	15.148	29-31C	1.0529	3.6232	13.13
2010-02-28	14	2.335	0.604	15.747	29-31C	1.0529	4.2546	18.1
2010-03-14	14	2.885	0.550	14.339	19-23C	1.0529	2.7722	7.69
2010-03-28	**14**	**3.541**	0.656	17.103	19-23C	1.0529	5.6820	32.29
2010-04-11	14	4.174	0.633	16.503	19-23C	1.0529	5.0506	25.51
2010-04-18	7	4.439	0.265	13.818	19-23C	0.5265	1.1116	1.24
2010-04-25	7	4.719	0.280	14.600	19-23C	0.5265	1.5234	2.32
2010-05-02	7	5.012	0.293	15.278	19-23C	0.5265	1.8802	3.54
2010-05-23	21	5.728	0.716	12.445	19-23C	1.5794	1.1661	1.36
2010-06-06	14	6.134	0.406	10.585	19-24C	1.0529	-1.1808	1.39
2010-06-20	14	6.459	0.325	8.473	22-25C	1.0529	-3.4043	11.59
2010-07-04	14	6.740	0.281	7.326	21-25C	1.0529	-4.6122	21.27
2010-07-18	14	7.025	0.285	7.430	22-25C	1.0529	-4.5024	20.27
2010-08-01	14	7.231	0.206	5.371	27-31C	1.0529	-6.6710	44.5
2010-08-22	21	7.678	0.447	7.769	23-25C	1.5794	-6.2183	38.67
2010-09-05	14	8.017	0.339	8.838	22-24C	1.0529	-3.0200	9.12
2010-09-12	7	8.190	0.173	9.021	22-24C	0.5265	-1.4139	2
2010-09-19	7	8.367	0.177	9.229	26-30C	0.5265	-1.3041	1.7
2010-09-26	7	8.549	0.182	9.490	26-31C	0.5265	-1.1669	1.36
2010-10-03	7	8.772	0.223	11.628	25-30C	0.5265	-0.0414	0
2010-10-17	14	9.228	0.456	11.889	22-26C	1.0529	0.1918	0.04
2010-10-31	**14**	**9.699**	0.471	12.280	22-26C	1.0529	0.6035	0.36
2010-11-28	28	10.670	0.971	12.658	22-26C	2.1058	2.0032	4.01
2010-12-26	28	11.705	1.035	13.492	21-23C	2.1058	3.7601	14.14

EBG75-1611 (E410)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
23	**359**		**-8.806**	**-8.953**	6.4398			**6.1276**
2010-01-01		-0.856				15.6087	0.0000	863.5970
2010-01-10	9	-1.005	-0.149	-6.043	19-23C	0.5766	1.6781	2.82
2010-01-21	11	-1.190	-0.185	-6.139	19-23C	0.7047	1.9835	3.93
2010-01-31	10	-1.305	-0.115	-4.198	19-23C	0.6407	3.0468	9.28
2010-02-14	14	-1.269	0.036	0.939	29-31C	0.8969	8.8723	78.72
2010-02-28	14	-1.149	0.120	3.129	29-31C	0.8969	10.8366	117.43
2010-03-14	14	-1.224	-0.075	-1.955	19-23C	0.8969	6.2766	39.4
2010-03-28	**14**	**-1.245**	-0.021	-0.548	19-23C	0.8969	7.5394	56.84
2010-04-11	14	-1.263	-0.018	-0.469	19-23C	0.8969	7.6095	57.9
2010-04-18	7	-1.342	-0.079	-4.119	19-23C	0.4485	2.1678	4.7
2010-04-25	7	-1.422	-0.080	-4.171	19-23C	0.4485	2.1445	4.6
2010-05-23	28	-1.787	-0.365	-4.758	19-23C	1.7939	7.5255	56.63
2010-06-20	28	-2.830	-1.043	-13.596	22-25C	1.7939	-8.3291	69.37
2010-07-04	14	-3.450	-0.620	-16.164	21-25C	0.8969	-6.4679	41.83
2010-07-18	14	-4.162	-0.712	-18.563	22-25C	0.8969	-8.6193	74.29
2010-08-01	14	-4.806	-0.644	-16.790	27-31C	0.8969	-7.0291	49.41
2010-08-22	21	-5.713	-0.907	-15.765	23-25C	1.3454	-9.1640	83.98
2010-09-05	14	-6.259	-0.546	-14.235	22-24C	0.8969	-4.7375	22.44
2010-09-12	7	-6.532	-0.273	-14.235	22-24C	0.4485	-2.3687	5.61
2010-10-03	21	-7.341	-0.809	-14.061	21-24C	1.3454	-6.8723	47.23
2010-10-17	14	-7.834	-0.493	-12.853	22-26C	0.8969	-3.4981	12.24
2010-10-31	**14**	**-8.085**	-0.251	-6.544	22-26C	0.8969	2.1609	4.67
2010-11-28	28	-8.783	-0.698	-9.099	22-24C	1.7939	-0.2615	0.07
2010-12-26	28	-9.662	-0.879	-11.458	21-23C	1.7939	-4.4940	20.2

King Quartz (9923 twinquartz)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
35	**359**		**39.125**	**39.779**	73.6686			**61.0754**
2010-01-01		29.638				10.2571	0.0000	130556.9820
2010-01-10	9	32.450	2.812	114.042	22-23C	0.8774	65.1614	4246.01
2010-01-21	11	38.373	5.923	196.536	22-23C	1.0724	168.1099	28260.93
2010-01-31	10	42.773	4.400	160.600	22-23C	0.9749	117.7922	13874.99
2010-02-14	14	48.600	5.827	151.918	29-31C	1.3649	153.0592	23427.13
2010-02-28	14	54.475	5.875	153.170	29-31C	1.3649	154.7673	23952.92
2010-03-02	2	55.252	0.777	141.803	29-31C	0.1950	19.8932	395.74
2010-03-05	3	54.759	-0.493	-59.982	22-23C	0.2925	-29.1779	851.35
2010-03-07	2	54.493	-0.266	-48.545	22-23C	0.1950	-17.2219	296.59
2010-03-14	7	54.530	0.037	1.929	22-23C	0.6825	-25.8305	667.22
2010-03-28	14	54.541	0.011	0.287	22-23C	1.3649	-53.9029	2905.52
2010-03-28	**0**	**-1.475**						
2010-04-04	7	-2.729	-1.254	-65.387	29-31C	0.6825	-71.7707	5151.03
2010-04-11	7	-3.719	-0.990	-51.621	27-31C	0.6825	-62.3763	3890.8
2010-04-14	3	-4.105	-0.386	-46.963	27-31C	0.2925	-25.3703	643.65
2010-04-18	4	-2.180	1.925	175.656	27-31C	0.3900	52.9884	2807.77
2010-04-21	3	-2.473	-0.293	-35.648	27-31C	0.2925	-22.0609	486.68
2010-04-23	2	-2.635	-0.162	-29.565	22-23C	0.1950	-13.5211	182.82
2010-04-25	2	-2.375	0.260	47.450	22-23C	0.1950	1.4958	2.24
2010-05-02	7	-1.522	0.853	44.478	22-23C	0.6825	3.2068	10.28
2010-05-05	3	-1.095	0.427	51.952	22-23C	0.2925	3.5603	12.68
2010-05-09	4	-2.341	-1.246	-113.698	22-23C	0.3900	-59.8515	3582.2
2010-05-16	7	-1.055	1.286	67.056	22-23C	0.6825	18.6151	346.52
2010-05-23	7	-0.719	0.336	17.520	22-23C	0.6825	-15.1906	230.75
2010-05-30	7	-0.151	0.568	29.617	29-32C	0.6825	-6.9349	48.09
2010-06-06	7	0.415	0.566	29.513	29-32C	0.6825	-7.0061	49.09
2010-06-20	14	1.272	0.857	22.343	23-25C	1.3649	-23.7980	566.35
2010-06-27	7	1.815	0.543	28.314	27-31C	0.6825	-7.8245	61.22
2010-07-04	7	2.640	0.825	43.018	32-35C	0.6825	2.2104	4.89
2010-07-18	14	3.458	0.818	21.326	23-25C	1.3649	-25.1858	634.33
2010-08-01	14	4.297	0.839	21.874	23-25C	1.3649	-24.4385	597.24
2010-08-22	21	5.582	1.285	22.335	24-26C	2.0474	-35.7148	1275.55
2010-09-12	21	6.733	1.151	20.005	23-24C	2.0474	-40.4832	1638.89
2010-10-03	21	7.928	1.195	20.770	22-24C	2.0474	-38.9175	1514.57
2010-10-31	28	9.481	1.553	20.244	22-23C	2.7298	-53.3252	2843.58
2010-10-31	**0**	**-0.027**						
2010-11-28	28	1.584	1.611	21.001	22-23C	2.7298	-51.2613	2627.72
2010-12-26	28	3.239	1.655	21.574	22-23C	2.7298	-49.6955	2469.65

Spirit (5E31)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
22	**359**		**54.950**	**55.868**	2.0247			**2.1002**
2010-01-01		-0.737				16.3182	0.0000	97.0426
2010-01-10	9	0.625	1.362	55.237	22-23C???	0.5515	-0.3484	0.12
2010-01-21	11	2.352	1.727	57.305	22-23C	0.6741	0.9684	0.94
2010-01-31	10	3.945	1.593	58.145	22-23C	0.6128	1.3948	1.95
2010-02-14	14	6.185	2.240	58.400	22-23C	0.8579	2.1720	4.72
2010-02-28	14	8.398	2.213	57.696	22-23C	0.8579	1.5680	2.46
2010-03-14	14	10.392	1.994	51.986	29-31C	0.8579	-3.3305	11.09
2010-03-28	14	12.420	2.028	52.873	29-31C	0.8579	-2.5700	6.6
2010-03-28	**0**	**-0.506**						
2010-04-11	14	1.737	2.243	58.478	22-23C	0.8579	2.2391	5.01
2010-04-18	7	2.815	1.078	56.210	22-23C	0.4290	0.1465	0.02
2010-04-25	7	3.906	1.091	56.888	22-23C	0.4290	0.4373	0.19
2010-05-23	28	8.252	4.346	56.653	22-23C	1.7159	1.3467	1.81
2010-06-06	14	10.384	2.132	55.584	21-23C	0.8579	-0.2437	0.06
2010-06-20	14	12.445	2.061	53.733	23-25C	0.8579	-1.8318	3.36
2010-07-04	14	14.550	2.105	54.880	23-24C	0.8579	-0.8477	0.72
2010-07-18	14	16.689	2.139	55.767	23-25C	0.8579	-0.0872	0.01
2010-08-01	14	18.829	2.140	55.793	23-25C	0.8579	-0.0648	0
2010-08-22	21	21.778	2.949	51.256	29-31C	1.2869	-5.9352	35.23
2010-09-12	21	24.999	3.221	55.984	23-24C	1.2869	0.1488	0.02
2010-10-03	21	28.109	3.110	54.055	22-24C	1.2869	-2.3340	5.45
2010-10-31	28	32.488	4.379	57.083	22-23C	1.7159	2.0848	4.35
2010-10-31	**0**	**-10.230**						
2010-11-28	28	-5.830	4.400	57.357	22-23C	1.7159	2.5545	6.53
2010-12-26	28	-1.431	4.399	57.344	22-23C	1.7159	2.5322	6.41

'Ti Klingon' (8F33 US-2000)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
24	**358**		**71.094**	**72.484**	25.7117			**13.9034**
2010-01-02		12.585				14.9167	0.0000	4639.2936
2010-01-10	8	14.208	1.623	74.049	22-23C	0.5363	0.8395	0.7
2010-01-21	11	16.467	2.259	74.958	22-23C	0.7374	1.8241	3.33
2010-01-31	10	18.523	2.056	75.044	22-23C	0.6704	1.7161	2.95
2010-02-14	14	21.403	2.880	75.086	22-23C	0.9385	2.4417	5.96
2010-02-28	14	24.257	2.854	74.408	22-23C	0.9385	1.8055	3.26
2010-03-14	14	26.744	2.487	64.840	29-31C	0.9385	-7.1747	51.48
2010-03-28	14	29.244	2.500	65.179	29-31C	0.9385	-6.8566	47.01
2010-03-28	**0**	**-0.318**						
2010-04-11	14	2.627	2.945	76.780	22-23C	0.9385	4.0322	16.26
2010-04-18	7	4.064	1.437	74.929	22-23C	0.4693	1.1475	1.32
2010-04-25	7	5.531	1.467	76.494	22-23C	0.4693	1.8815	3.54
2010-05-02	7	5.215	-0.316	-16.477	5C	0.4693	-41.7472	1742.83
2010-05-09	7	4.979	-0.236	-12.306	5C	0.4693	-39.7896	1583.22
2010-05-23	14	7.946	2.967	77.354	22-23C	0.9385	4.5706	20.89
2010-06-06	14	10.931	2.985	77.823	22-23C	0.9385	5.0110	25.11
2010-06-20	14	13.865	2.934	76.494	23-25C	0.9385	3.7631	14.16
2010-07-04	14	16.850	2.985	77.823	23-24C	0.9385	5.0110	25.11
2010-07-18	14	19.539	2.689	70.106	26-31C	0.9385	-2.2319	4.98
2010-08-01	14	22.435	2.896	75.503	23-25C	0.9385	2.8332	8.03
2010-08-22	21	26.817	4.382	76.163	24-26C	1.4078	5.1797	26.83
2010-09-12	21	30.728	3.911	67.977	26-31C	1.4078	-6.3453	40.26
2010-10-03	21	35.289	4.561	79.275	22-24C	1.4078	9.5597	91.39
2010-10-31	28	41.570	6.281	81.877	21-23C	1.8771	17.6320	310.89
2010-10-31	**0**	**-10.365**						
2010-11-28	28	-4.119	6.246	81.421	21-23C	1.8771	16.7755	281.42
2010-12-26	28	2.182	6.301	82.138	22-23C	1.8771	18.1213	328.38

'Bellmaquartz' white (7223)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
22	**358**		**6.935**	**7.071**	16.7057			**15.5190**
2010-01-02		0.979				16.2727	0.0000	5298.4477
2010-01-10	8	1.230	0.251	11.452	22-23C	0.4916	2.1539	4.64
2010-01-21	11	1.623	0.393	13.040	22-23C	0.6760	4.0355	16.29
2010-01-31	10	2.007	0.384	14.016	22-23C	0.6145	4.2681	18.22
2010-02-14	14	2.340	0.333	8.682	22-23C	0.8603	1.3862	1.92
2010-02-28	14	2.851	0.511	13.323	22-23C	0.8603	5.3787	28.93
2010-03-14	14	1.088	-1.763	-45.964	29-31C	0.8603	-45.6275	2081.87
2010-03-28	14	-0.302	-1.390	-36.239	29-31C	0.8603	-37.2610	1388.38
2010-03-28	**0**	**-0.245**						
2010-04-11	14	0.424	0.669	17.442	22-23C	0.8603	8.9227	79.61
2010-04-18	7	0.658	0.234	12.201	22-23C	0.4302	2.2071	4.87
2010-04-25	7	0.953	0.295	15.382	22-23C	0.4302	3.5754	12.78
2010-05-23	28	2.463	1.510	19.684	22-23C	1.7207	21.7034	471.04
2010-06-06	14	3.103	0.640	16.686	22-23C	0.8603	8.2722	68.43
2010-06-20	14	3.287	0.184	4.797	23-25C	0.8603	-1.9559	3.83
2010-07-04	14	3.899	0.612	15.956	23-25C	0.8603	7.6442	58.43
2010-07-18	14	3.899	0.000	0.000	24-25C	0.8603	-6.0831	37
2010-08-01	14	4.002	0.103	2.685	24-25C	0.8603	-3.7728	14.23
2010-08-22	21	3.621	-0.381	-6.622	24-26C	1.2905	-17.6705	312.25
2010-09-12	21	4.166	0.545	9.473	23-24C	1.2905	3.0998	9.61
2010-10-03	21	4.819	0.653	11.350	22-24C	1.2905	5.5223	30.5
2010-10-31	28	6.191	1.372	17.885	22-23C	1.7207	18.6080	346.26
2010-10-31	**0**	**0.145**						
2010-11-28	28	1.467	1.322	17.233	22-23C	1.7207	17.4865	305.78
2010-12-26	28	1.925	0.458	5.970	22-24C ?	1.7207	-1.8932	3.58

SBCM023 (8F35 JP-2009:9)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
17	**259**		**1.915**	**2.699**	7.2083			**4.9745**
2010-04-11		0.456				15.2353	0.0000	420.6812
2010-04-18	7	0.314	-0.142	-7.404	27-31C	0.4595	-4.6419	21.55
2010-04-25	7	0.219	-0.095	-4.954	27-31C	0.4595	-3.5159	12.36
2010-05-02	7	0.324	0.105	5.475	22-23C	0.4595	1.2756	1.63
2010-05-23	21	0.431	0.107	1.860	22-23C	1.3784	-1.1564	1.34
2010-06-06	14	0.548	0.117	3.050	22-23C	0.9189	0.3231	0.1
2010-06-13	7	0.465	-0.083	-4.328	27-31C	0.4595	-3.2284	10.42
2010-06-20	7	0.084	-0.381	-19.866	32-35C	0.4595	-10.3678	107.49
2010-07-04	14	0.220	0.136	3.546	23-24C	0.9189	0.7783	0.61
2010-07-18	14	0.355	0.135	3.520	23-25C	0.9189	0.7543	0.57
2010-08-01	14	0.465	0.110	2.868	23-25C	0.9189	0.1554	0.02
2010-08-22	21	0.639	0.174	3.024	24-26C	1.3784	0.4487	0.2
2010-09-12	21	0.963	0.324	5.631	23-24C	1.3784	4.0423	16.34
2010-10-03	21	1.321	0.358	6.222	22-24C	1.3784	4.8569	23.59
2010-10-31	28	1.864	0.543	7.078	22-23C	1.8378	8.0491	64.79
2010-10-31	**0**	**-0.308**						
2010-11-28	28	0.239	0.547	7.131	21-23C	1.8378	8.1449	66.34
2010-12-12	14	0.476	0.237	6.179	22-28C	0.9189	3.1980	10.23
2010-12-26	14	0.199	-0.277	-7.222	31.1 ± 1.3 C	0.9189	-9.1162	83.1

SBQL001 (8F33 JP-2002)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
9	**181**		**35.990**	**72.577**	11.5582			**10.2685**
2010-06-28		-0.673				20.1111	0.0000	948.9819
2010-07-04	6	0.300	0.973	59.191	22-31C	0.2983	-3.9935	15.95
2010-07-18	14	2.233	1.933	50.396	26-31C	0.6961	-15.4405	238.41
2010-08-01	14	4.815	2.582	67.316	23-25C	0.6961	-3.6617	13.41
2010-08-22	21	8.129	3.314	57.600	24-28C	1.0442	-15.6380	244.55
2010-09-12	21	12.326	4.197	72.948	23-24C	1.0442	0.3878	0.15
2010-10-03	21	16.648	4.322	75.120	22-24C	1.0442	2.6564	7.06
2010-10-31	28	22.867	6.219	81.069	21-23C	1.3923	11.8239	139.81
2010-10-31	**0**	**-10.450**						
2010-11-28	28	-4.311	6.139	80.026	21-23C	1.3923	10.3720	107.58
2010-12-26	28	2.000	6.311	82.268	21-23C	1.3923	13.4937	182.08

Longines Conquest VHP Perpetual (252.611)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
9	**112**		**-2.795**	**-9.109**	3.9148			**4.1426**
2010-09-05		0.039				12.4444	0.0000	154.4522
2010-09-12	7	-0.204	-0.243	-12.671	22-31C	0.5625	-2.0036	4.01
2010-09-19	7	-0.313	-0.109	-5.684	26-30C	0.5625	1.9266	3.71
2010-09-26	7	-0.418	-0.105	-5.475	26-31C	0.5625	2.0440	4.18
2010-10-03	7	-0.509	-0.091	-4.745	26-31C	0.5625	2.4546	6.02
2010-10-17	14	-0.921	-0.412	-10.741	21-23C	1.1250	-1.8368	3.37
2010-10-31	**14**	**-1.351**	-0.430	-11.211	21-23C	1.1250	-2.3648	5.59
2010-11-28	28	-2.315	-0.964	-12.566	21-23C	2.2500	-7.7799	60.53
2010-12-12	14	-2.685	-0.370	-9.646	22-28C	1.1250	-0.6049	0.37
2010-12-26	14	-2.756	-0.071	-1.851	31.1 ± 1.3 C	1.1250	8.1648	66.66

Yellow Kinetzilla (Seiko 5M62)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
18	**301**		**99.487**	**120.640**	18.5091			**8.6891**
2010-01-31		22.195				16.7222	0.0000	1359.0082
2010-02-14	14	26.856	4.661	121.519	22-23C	0.8372	0.7355	0.5410
2010-02-28	14	31.585	4.729	123.292	22-23C	0.8372	2.2198	4.9274
2010-03-14	14	36.369	4.784	124.726	22-23C	0.8372	3.4203	11.6983
2010-03-28	14	41.119	4.750	123.839	22-23C	0.8372	2.6782	7.1725
2010-03-28	**0**	**-0.355**						
2010-04-11	14	4.424	4.779	124.595	22-23C	0.8372	3.3111	10.9637
2010-04-25	14	9.219	4.795	125.013	22-23C	0.8372	3.6604	13.3984
2010-05-23	28	18.759	9.540	124.361	22-23C	1.6744	6.2294	38.8053
2010-06-06	14	23.540	4.781	124.648	22-23C	0.8372	3.3548	11.2547
2010-06-13	7	25.423	1.883	98.185	27-31C	0.4186	-9.3999	88.3586
2010-06-20	7	26.339	0.916	47.763	32-35C	0.4186	-30.5069	930.6692
2010-07-04	14	30.960	4.621	120.476	23-24C	0.8372	-0.1376	0.0189
2010-07-18	14	35.559	4.599	119.903	23-25C	0.8372	-0.6178	0.3816
2010-08-01	14	40.139	4.580	119.407	23-25C	0.8372	-1.0325	1.0660
2010-08-22	21	46.693	6.554	113.915	24-26C	1.2558	-8.4461	71.3371
2010-09-12	21	53.805	7.112	123.613	22-26C	1.2558	3.7335	13.9388
2010-10-03	21	60.944	7.139	124.083	22-23C	1.2558	4.3228	18.6867
2010-10-31	28	70.567	9.623	125.443	22-23C	1.6744	8.0411	64.6586
2010-11-28	**0**	**-20.736**						
2010-12-26	28	-11.095	9.641	125.677	22-23C	1.6744	8.4339	71.1314

'Bellmaquartz' gold/black (7223)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
20	**329**		**81.577**	**90.503**	35.7142			**21.1067**
2010-01-31		16.085				16.4500	0.0000	8909.8362
2010-02-14	14	19.871	3.786	98.706	22-23C	0.8511	6.9813	48.74
2010-02-28	14	23.679	3.808	99.280	22-23C	0.8511	7.4695	55.79
2010-03-14	14	27.557	3.878	101.105	22-23C	0.8511	9.0227	81.41
2010-03-28	14	31.416	3.859	100.610	22-23C	0.8511	8.6011	73.98
2010-03-28	**0**	**-0.361**						
2010-04-11	14	3.548	3.909	101.913	22-23C	0.8511	9.7105	94.29
2010-04-25	14	7.391	3.843	100.193	22-23C	0.8511	8.2461	68
2010-05-02	7	8.895	1.504	78.423	29-31C	0.4255	-5.1406	26.43
2010-05-23	21	13.604	4.709	81.847	29-31C	1.2766	-11.0508	122.12
2010-06-06	14	17.446	3.842	100.166	22-23C	0.8511	8.2239	67.63
2010-06-20	14	21.131	3.685	96.073	23-25C	0.8511	4.7403	22.47
2010-06-27	7	22.503	1.372	71.540	27-31C	0.4255	-8.0695	65.12
2010-07-04	7	21.460	-1.043	-54.385	32-35C	0.4255	-61.6546	3801.29
2010-07-18	14	25.200	3.740	97.507	23-25C	0.8511	5.9607	35.53
2010-08-01	14	28.722	3.522	91.824	23-25C	0.8511	1.1236	1.26
2010-08-22	21	31.379	2.657	46.181	29-31C	1.2766	-56.5815	3201.47
2010-09-12	21	37.076	5.697	99.019	23-24C	1.2766	10.8714	118.19
2010-10-03	21	42.631	5.555	96.551	22-23C	1.2766	7.7206	59.61
2010-10-31	28	50.415	7.784	101.470	22-23C	1.7021	18.6666	348.44
2010-10-31	**0**	**-10.355**						
2010-11-28	28	-2.619	7.736	100.844	22-23C	1.7021	17.6016	309.82
2010-12-26	28	5.115	7.734	100.818	22-23C	1.7021	17.5572	308.26

Citizen EcoDrive Perp. (0810)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
19	**329**		**128.904**	**143.009**	10.9157			**11.8652**
2010-01-31		15.851				17.3158	0.0000	2674.8823
2010-02-14	14	20.778	4.927	128.454	19-23C	0.8085	-11.7679	138.48
2010-02-28	14	26.054	5.276	137.553	19-23C	0.8085	-4.4113	19.46
2010-03-14	14	31.769	5.715	148.998	19-23C	0.8085	4.8423	23.45
2010-03-28	14	37.208	5.439	141.803	19-23C	0.8085	-0.9755	0.95
2010-03-28	**0**	**0.235**						
2010-04-11	14	5.877	5.642	147.095	19-23C	0.8085	3.3036	10.91
2010-04-25	14	11.672	5.795	151.084	19-23C	0.8085	6.5287	42.62
2010-05-02	7	14.199	2.527	131.765	29-31C	0.4043	-4.5454	20.66
2010-05-23	21	21.963	7.764	134.946	29-31C	1.2128	-9.7789	95.63
2010-06-06	14	28.099	6.136	159.974	19-23C	0.8085	13.7166	188.15
2010-06-20	14	33.615	5.516	143.810	22-25C	0.8085	0.6476	0.42
2010-07-04	14	39.488	5.873	153.118	21-25C	0.8085	8.1728	66.8
2010-07-18	14	44.859	5.371	140.030	22-25C	0.8085	-2.4088	5.8
2010-08-01	14	50.339	5.480	142.871	22-25C	0.8085	-0.1112	0.01
2010-08-22	21	57.895	7.556	131.330	23-25C	1.2128	-14.1633	200.6
2010-09-12	21	64.499	6.604	114.784	26-31C	1.2128	-34.2305	1171.73
2010-10-03	21	72.803	8.304	144.331	21-24C	1.2128	1.6038	2.57
2010-10-31	28	84.556	11.753	153.209	21-24C	1.6170	16.4932	272.03
2010-10-31	**0**	**-20.261**						
2010-11-28	28	-8.416	11.845	154.408	21-24C	1.6170	18.4325	339.76
2010-12-26	28	2.965	11.381	148.359	21-23C	1.6170	8.6518	74.85

SUS multifunction (Seiko 6M25)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
18	**312**		**47.431**	**55.488**	6.3128			**6.9732**
2010-01-31		0.648				17.3333	0.0000	875.2596
2010-02-14	14	2.871	2.223	57.957	19-23C	0.8077	1.9939	3.98
2010-02-28	14	5.132	2.261	58.948	19-23C	0.8077	2.7941	7.81
2010-03-14	14	7.338	2.206	57.514	19-23C	0.8077	1.6359	2.68
2010-03-28	14	9.630	2.292	59.756	19-23C	0.8077	3.4468	11.88
2010-03-28		**0.130**						
BATTERY DEAD								
2010-04-14		**-0.902**						
2010-04-18	4	-0.221	0.681	62.141	19-23C	0.2308	1.5353	2.36
2010-04-25	7	0.953	1.174	61.216	19-23C	0.4038	2.3130	5.35
2010-05-23	28	5.588	4.635	60.421	19-23C	1.6154	7.9676	63.48
2010-06-06	14	7.712	2.124	55.376	25-30C	0.8077	-0.0908	0.01
2010-06-20	14	10.039	2.327	60.668	23-25C	0.8077	4.1839	17.5
2010-07-04	14	12.290	2.251	58.687	23-24C	0.8077	2.5835	6.67
2010-07-18	14	14.499	2.209	57.592	23-25C	0.8077	1.6991	2.89
2010-08-01	14	16.635	2.136	55.689	23-25C	0.8077	0.1618	0.03
2010-08-22	21	18.536	1.901	33.041	29-31C	1.2115	-27.1954	739.59
2010-09-12	21	21.758	3.222	56.001	23-24C	1.2115	0.6218	0.39
2010-10-03	21	25.010	3.252	56.523	22-23C	1.2115	1.2535	1.57
2010-10-31	28	29.208	4.198	54.724	22-23C	1.6154	-1.2346	1.52
2010-10-31	**0**	**-10.444**						
2010-11-28	28	-6.244	4.200	54.750	22-23C	1.6154	-1.1925	1.42
2010-12-26	28	-2.105	4.139	53.955	22-23C	1.6154	-2.4770	6.14

Citizen Washable (F230)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
17	**245**		**44.583**	**66.420**	26.0010			**20.4231**
2010-02-28		0.757				14.4118	0.0000	7090.7402
2010-03-02	2	0.830	0.073	13.323	22-23C	0.1388	-7.3686	54.3
2010-03-05	3	1.625	0.795	96.725	22-23C	0.2082	6.3085	39.8
2010-03-07	2	1.884	0.259	47.268	22-23C	0.1388	-2.6578	7.06
2010-03-14	7	3.045	1.161	60.538	22-23C	0.4857	-2.8568	8.16
2010-03-28	14	5.745	2.700	70.393	22-23C	0.9714	3.8598	14.9
2010-03-28	**0**	**0.075**						
2010-04-11	14	1.291	1.216	31.703	27-31C	0.9714	-33.7248	1137.36
2010-05-23	42	10.765	9.474	82.334	22-23C	2.9143	46.3779	2150.91
2010-06-06	14	13.455	2.690	70.132	22-23C	0.9714	3.6065	13.01
2010-06-13	7	13.355	-0.100	-5.214	5C	0.4857	-34.7936	1210.59
2010-06-20	7	14.459	1.104	57.566	23-25C	0.4857	-4.3004	18.49
2010-07-04	14	17.340	2.881	75.112	23-24C	0.9714	8.4439	71.3
2010-07-18	14	20.055	2.715	70.784	23-25C	0.9714	4.2397	17.97
2010-08-01	14	22.524	2.469	64.370	23-25C	0.9714	-1.9907	3.96
2010-08-22	21	25.805	3.281	57.027	24-26C	1.4571	-13.6865	187.32
2010-09-12	21	28.733	2.928	50.891	26-31C	1.4571	-22.6267	511.97
2010-10-03	21	33.054	4.321	75.103	22-23C	1.4571	12.6531	160.1
2010-10-31	28	39.670	6.616	86.244	22-23C	1.9429	38.5166	1483.53

Pulsar (VX43)

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
16	**266**		**43.764**	**60.052**	96.6384			**43.3746**
2010-04-04		-9.085				16.6250	0.0000	30101.7239
2010-04-11	7	-7.498	1.587	82.751	22-23C	0.4211	9.5573	91.34
2010-04-18	7	-11.717	-4.219	-219.991	5C	0.4211	-117.9128	13903.42
2010-04-25	7	-15.453	-3.736	-194.806	5C	0.4211	-107.3086	11515.13
2010-05-02	7	-14.004	1.449	75.555	22-23C	0.4211	6.5275	42.61
2010-05-23	21	-9.444	4.560	79.257	22-23C	1.2632	24.2590	588.5
2010-06-06	14	-6.515	2.929	76.363	22-23C	0.8421	13.7357	188.67
2010-06-20	14	-3.666	2.849	74.278	23-25C	0.8421	11.9793	143.5
2010-07-04	14	-0.809	2.857	74.486	23-24C	0.8421	12.1549	147.74
2010-07-18	14	1.359	2.168	56.523	26-31C	0.8421	-2.9720	8.83
2010-08-01	14	4.195	2.836	73.939	23-25C	0.8421	11.6939	136.75
2010-08-22	21	8.302	4.107	71.384	24-26C	1.2632	14.3134	204.87
2010-09-12	21	12.667	4.365	75.868	23-24C	1.2632	19.9778	399.11
2010-10-03	21	17.100	4.433	77.050	22-23C	1.2632	21.4707	460.99
2010-10-31	28	22.972	5.872	76.546	22-23C	1.6842	27.7787	771.66
2010-10-31	**0**	**-30.042**						
2010-11-28	28	-24.198	5.844	76.181	22-23C	1.6842	27.1640	737.88
2010-12-26	28	-18.335	5.863	76.428	22-23C	1.6842	27.5811	760.72

Astrodea

Nr. intervals Date	Days	Error (seconds)	Interval drift (seconds)	Annual drift (s/y)	STDEV + comments	avg. int weight	Norm. Deviation	STD-DEV NORM. (s/y)
1	**14**		**4.867**	**126.890**	#DIV/0!			**0.0000**
2010-12-12		3.188				14.0000	0.0000	0.0000
2010-12-26	14	8.055	4.867	126.890	22-23C	1.0000	0.0000	0