

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6471_1.txt

date: 31-Oct-2003

nobs = 3809, ngood = 3805, record length (days) = 158.71

start time: 09-May-2000 18:39:25

rayleigh criterion = 1.0

Greenwich phase computed with nodal corrections applied to amplitude \n and phase relative to center time

x0= -0.841, x trend= 0

var(x)= 55.7663 var(xp)= 25.3658 var(xres)= 30.5274

percent var predicted/var original= 45.5 %

y0= 1.48, x trend= 0

var(y)= 79.099 var(yp)= 34.3021 var(yres)= 44.7373

percent var predicted/var original= 43.4 %

ellipse parameters with 95% CI estimates

| tide | freq | major | emaj | minor | emin | inc | einc | pha | epha | snr |
|-------|-----------|--------|-------|--------|------|--------|--------|--------|--------|----------|
| MM | 0.0015122 | 0.345 | 1.505 | -0.024 | 0.88 | 139.92 | 61.55 | 321.31 | 215.62 | 0.053 |
| MSF | 0.0028219 | 1.195 | 1.799 | -0.188 | 0.88 | 74.77 | 38.83 | 220.57 | 109.69 | 0.44 |
| ALP1 | 0.0343966 | 0.274 | 0.496 | -0.007 | 0.47 | 125.50 | 127.81 | 354.04 | 145.69 | 0.31 |
| 2Q1 | 0.0357064 | 0.216 | 0.421 | -0.138 | 0.46 | 107.85 | 121.68 | 144.74 | 154.76 | 0.26 |
| Q1 | 0.0372185 | 0.204 | 0.478 | -0.185 | 0.44 | 166.00 | 133.80 | 172.50 | 176.17 | 0.18 |
| O1 | 0.0387307 | 0.381 | 0.581 | 0.078 | 0.51 | 39.90 | 101.62 | 155.23 | 108.78 | 0.43 |
| NO1 | 0.0402686 | 0.574 | 1.004 | 0.225 | 1.07 | 34.37 | 123.76 | 73.13 | 133.49 | 0.33 |
| *K1 | 0.0417807 | 0.960 | 0.602 | 0.092 | 0.61 | 118.36 | 44.21 | 312.53 | 43.89 | 2.5 |
| J1 | 0.0432929 | 0.086 | 0.436 | 0.038 | 0.38 | 162.95 | 142.14 | 146.37 | 201.59 | 0.039 |
| OO1 | 0.0448308 | 0.430 | 0.621 | 0.004 | 0.66 | 125.59 | 109.82 | 9.72 | 134.25 | 0.48 |
| UPS1 | 0.0463430 | 0.922 | 0.737 | -0.677 | 0.76 | 107.57 | 98.93 | 227.89 | 97.09 | 1.6 |
| EPS2 | 0.0761773 | 0.774 | 0.733 | -0.266 | 0.53 | 170.26 | 59.21 | 19.68 | 62.99 | 1.1 |
| *MU2 | 0.0776895 | 0.946 | 0.536 | -0.525 | 0.63 | 76.52 | 87.47 | 243.72 | 57.60 | 3.1 |
| *N2 | 0.0789992 | 2.795 | 0.694 | -0.371 | 0.82 | 58.89 | 15.52 | 263.88 | 13.43 | 16 |
| *M2 | 0.0805114 | 10.013 | 0.737 | -0.076 | 0.64 | 48.46 | 4.62 | 13.00 | 3.87 | 1.8e+002 |
| *L2 | 0.0820236 | 1.549 | 0.609 | -0.794 | 0.51 | 35.84 | 29.07 | 163.79 | 35.32 | 6.5 |
| S2 | 0.0833333 | 1.091 | 0.850 | 0.386 | 0.58 | 25.06 | 44.67 | 147.54 | 56.08 | 1.6 |
| ETA2 | 0.0850736 | 0.380 | 0.639 | -0.186 | 0.48 | 10.27 | 74.88 | 244.72 | 136.40 | 0.35 |
| MO3 | 0.1192421 | 0.263 | 0.275 | 0.006 | 0.25 | 34.44 | 84.39 | 310.94 | 96.93 | 0.92 |
| M3 | 0.1207671 | 0.193 | 0.246 | 0.057 | 0.24 | 66.48 | 99.88 | 315.82 | 122.88 | 0.62 |
| MK3 | 0.1222921 | 0.230 | 0.265 | -0.111 | 0.30 | 62.22 | 96.36 | 349.97 | 97.24 | 0.75 |
| SK3 | 0.1251141 | 0.155 | 0.226 | 0.099 | 0.22 | 84.15 | 93.20 | 124.41 | 139.14 | 0.47 |
| MN4 | 0.1595106 | 0.284 | 0.252 | 0.063 | 0.29 | 72.61 | 79.59 | 277.99 | 70.72 | 1.3 |
| *M4 | 0.1610228 | 0.611 | 0.310 | 0.104 | 0.30 | 142.23 | 32.63 | 78.24 | 31.33 | 3.9 |
| SN4 | 0.1623326 | 0.162 | 0.224 | 0.009 | 0.22 | 41.45 | 89.14 | 124.51 | 110.45 | 0.52 |
| MS4 | 0.1638447 | 0.191 | 0.251 | -0.109 | 0.24 | 126.80 | 108.46 | 302.26 | 133.03 | 0.58 |
| S4 | 0.1666667 | 0.114 | 0.245 | -0.034 | 0.24 | 72.79 | 136.20 | 121.57 | 152.27 | 0.22 |
| 2MK5 | 0.2028035 | 0.196 | 0.164 | -0.061 | 0.18 | 89.19 | 71.23 | 195.48 | 77.54 | 1.4 |
| 2SK5 | 0.2084474 | 0.120 | 0.179 | -0.054 | 0.17 | 164.74 | 111.50 | 164.22 | 126.28 | 0.45 |
| *2MN6 | 0.2400221 | 0.582 | 0.215 | -0.134 | 0.23 | 82.48 | 24.05 | 345.68 | 23.21 | 7.3 |
| *M6 | 0.2415342 | 0.741 | 0.206 | -0.061 | 0.23 | 81.83 | 19.07 | 99.70 | 16.15 | 13 |
| 2MS6 | 0.2443561 | 0.274 | 0.194 | -0.090 | 0.19 | 74.15 | 59.40 | 299.49 | 49.47 | 2 |
| 2SM6 | 0.2471781 | 0.089 | 0.171 | -0.041 | 0.16 | 104.54 | 144.59 | 116.51 | 130.83 | 0.27 |
| 3MK7 | 0.2833149 | 0.037 | 0.110 | -0.004 | 0.13 | 0.35 | 119.98 | 248.26 | 198.51 | 0.11 |
| M8 | 0.3220456 | 0.045 | 0.072 | -0.007 | 0.08 | 67.48 | 144.11 | 341.03 | 125.68 | 0.4 |

total var= 134.8653 pred var= 59.6679

percent total var predicted/var original= 44.2 %