```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c3412.txt
date: 31-Oct-2003
nobs = 2486,  ngood = 2485,  record length (days) = 103.58
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= 0.00395, x trend= 0

var(x)= 57.4283   var(xp)= 35.9542   var(xres)= 21.2988
percent var predicted/var original= 62.6 %

y0= -0.21, x trend= 0

var(y)= 16.5752    var(yp)= 0.80584  var(yres)= 15.7654
percent var predicted/var original= 4.9 %

ellipse parameters with 95%% CI estimates

tide    freq      major   emaj    minor   emin    inc     einc     pha     epha     snr
 MM    0.0015122  1.227   1.665  -0.121   1.48   126.50   89.83   237.44  107.17    0.54
 MSF   0.0028219  1.817   1.940  -0.230   1.56   123.19   62.07    86.17   87.79    0.88
 ALP1  0.0343966  0.461   0.490  -0.144   0.48   159.92   75.82   251.93   80.20    0.88
 2Q1   0.0357064  0.424   0.449  -0.162   0.45    17.15   81.36   313.68   88.41    0.89
 Q1    0.0372185  0.229   0.398  -0.100   0.40    42.94  109.16    63.11  162.89    0.33
 O1    0.0387307  0.659   0.588  -0.024   0.51   171.78   46.71   244.96   56.59    1.3
 NO1   0.0402686  0.550   0.929  -0.275   0.84   113.65  120.11   160.96  128.19    0.35
*K1    0.0417807  1.204   0.577  -0.737   0.46    10.47   47.66   259.89   51.74    4.4
 J1    0.0432929  0.189   0.414  -0.098   0.36   162.95  107.94   318.71  198.33    0.21
 OO1   0.0448308  0.407   0.672  -0.020   0.63   132.29  111.73    42.48  137.33    0.37
 UPS1  0.0463430  0.346   0.558  -0.065   0.55   176.97  107.27   170.85  149.49    0.38
 EPS2  0.0761773  0.504   0.472  -0.200   0.43    19.73   67.01    26.09   81.58    1.1
 MU2   0.0776895  0.736   0.615  -0.438   0.52   173.26   57.38   223.74   84.33    1.4
*N2    0.0789992  2.273   0.724  -0.298   0.48     5.90   12.70   252.44   15.12    9.9
*M2    0.0805114  7.888   0.724   0.129   0.49     6.32    3.24   318.73    5.16  1.2e+002
*L2    0.0820236  0.853   0.575  -0.090   0.40     8.69   26.87    68.17   40.90    2.2
*S2    0.0833333  1.165   0.805  -0.120   0.50     0.08   22.24    48.19   40.47    2.1
 ETA2  0.0850736  0.243   0.475  -0.066   0.41   124.95   91.01   136.18  148.77    0.26
 MO3   0.1192421  0.212   0.260  -0.046   0.22   171.37   81.42   157.97  118.39    0.66
 M3    0.1207671  0.260   0.263  -0.050   0.24    12.32   61.14   264.80   78.37    0.97
 MK3   0.1222921  0.314   0.301  -0.024   0.26    31.93   67.79   310.20   69.61    1.1
 SK3   0.1251141  0.196   0.258   0.001   0.22     8.86   78.74    29.82  118.71    0.58
 MN4   0.1595106  0.256   0.259  -0.129   0.27   146.73   77.79    65.93   88.20    0.98
 M4    0.1610228  0.281   0.280   0.025   0.25   155.61   55.45   146.94   71.74     1
 SN4   0.1623326  0.090   0.214   0.003   0.21    66.20  123.82   349.50  162.76    0.18
 MS4   0.1638447  0.251   0.328  -0.019   0.20     0.37   55.18    88.77   85.87    0.58
 S4    0.1666667  0.138   0.224  -0.035   0.23   103.31  147.61   146.92  116.62    0.38
 2MK5  0.2028035  0.154   0.154   0.013   0.13   151.72   68.99   334.34   72.38     1
 2SK5  0.2084474  0.107   0.148  -0.058   0.14    72.91  130.80   133.58  117.19    0.53
*2MN6  0.2400221  0.268   0.157  -0.021   0.09     4.49   23.59   223.24   34.63    2.9
*M6    0.2415342  0.375   0.163   0.109   0.12    32.80   23.84   316.28   26.80    5.3
 2MS6  0.2443561  0.119   0.144   0.095   0.12   167.96   93.38   214.20  138.67    0.68
 2SM6  0.2471781  0.169   0.131  -0.121   0.11    51.14   96.58   280.07   92.60    1.7
 3MK7  0.2833149  0.096   0.101   0.013   0.08     1.34   54.33    14.38   87.06    0.89
 M8    0.3220456  0.077   0.072   0.004   0.06    34.02   67.80   187.64   70.02    1.2

total var= 74.0035   pred var= 36.76
percent total var predicted/var original= 49.7 %
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