```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c3752.txt
date: 31-Oct-2003
nobs = 2844,  ngood = 2843,  record length (days) = 118.50
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= 0.102, x trend= 0

var(x)= 70.255    var(xp)= 48.7395   var(xres)= 21.5928
percent var predicted/var original= 69.4 %

y0= -0.458, x trend= 0

var(y)= 22.0762     var(yp)= 0.99946  var(yres)= 21.0558
percent var predicted/var original= 4.5 %

ellipse parameters with 95%% CI estimates

tide    freq     major   emaj    minor   emin    inc     einc     pha    epha     snr
 MM    0.0015122  0.872   1.192   0.057   1.02    63.86   87.34   102.14 111.35    0.53
 MSF   0.0028219  0.746   1.198  -0.300   1.08   145.77  110.73   114.27 146.79    0.39
 ALP1  0.0343966  0.291   0.443  -0.139   0.44    95.13  116.79    32.79 114.50    0.43
 2Q1   0.0357064  0.593   0.545  -0.244   0.59   130.15   77.13   105.04  83.09    1.2
 Q1    0.0372185  0.404   0.486  -0.033   0.48     6.58   83.25    40.57  99.01    0.69
 O1    0.0387307  0.547   0.542   0.210   0.51   156.73   75.52    81.68  87.16    1
 NO1   0.0402686  0.478   0.998  -0.311   1.00    16.75  121.06   273.64 179.80    0.23
*K1    0.0417807  1.091   0.666  -0.539   0.58    20.88   54.79   276.07  51.05    2.7
 J1    0.0432929  0.252   0.423  -0.194   0.48   174.92  127.70   278.00 194.37    0.35
 OO1   0.0448308  0.422   0.698  -0.174   0.67     1.23  116.88    33.17 157.74    0.37
 UPS1  0.0463430  0.741   0.682  -0.480   0.70   152.48   90.58   240.75  86.55    1.2
 EPS2  0.0761773  0.102   0.369  -0.063   0.29    29.96   83.70    28.94 210.65    0.076
 MU2   0.0776895  0.644   0.538  -0.251   0.41     3.83   44.43   214.84  69.61    1.4
*N2    0.0789992  1.443   0.568   0.274   0.42     0.08   17.43   353.63  29.54    6.5
*M2    0.0805114  9.394   0.593  -0.298   0.44     5.22    2.40   191.69   4.34 2.5e+002
*L2    0.0820236  0.811   0.448  -0.333   0.38   175.09   33.39   214.12  53.95    3.3
*S2    0.0833333  1.712   0.577  -0.446   0.49    14.70   18.32    44.33  21.45    8.8
 ETA2  0.0850736  0.105   0.392   0.013   0.35    84.26  182.10    47.31 190.52    0.071
 MO3   0.1192421  0.194   0.177  -0.091   0.17   128.17  100.89   290.49 101.33    1.2
 M3    0.1207671  0.094   0.164  -0.063   0.17     1.60   99.57    76.69 163.91    0.33
 MK3   0.1222921  0.256   0.212   0.020   0.20    41.26   57.49   255.71  64.33    1.4
 SK3   0.1251141  0.221   0.205  -0.090   0.19   160.62   78.97   283.69  83.20    1.2
 MN4   0.1595106  0.206   0.202  -0.083   0.17     0.09   67.41   205.27  99.15    1
*M4    0.1610228  0.412   0.259  -0.146   0.19    21.01   31.71    58.32  46.59    2.5
 SN4   0.1623326  0.213   0.189  -0.058   0.20    20.00   63.87    31.88  78.92    1.3
 MS4   0.1638447  0.316   0.244  -0.166   0.19    22.93   58.92   282.19  71.72    1.7
 S4    0.1666667  0.159   0.174   0.032   0.19    88.33  113.57   190.87  79.16    0.84
 2MK5  0.2028035  0.137   0.155  -0.014   0.13   176.72   70.13     0.49  78.96    0.78
 2SK5  0.2084474  0.110   0.155   0.036   0.13    42.03   99.53   117.93 116.43    0.5
*2MN6  0.2400221  0.241   0.151  -0.009   0.14    40.28   38.46    96.27  33.95    2.5
*M6    0.2415342  0.404   0.117   0.137   0.14    28.98   22.82   290.77  20.80    12
 2MS6  0.2443561  0.085   0.112   0.045   0.10    22.45  117.96   188.11 121.51    0.58
 2SM6  0.2471781  0.068   0.113   0.032   0.10    39.03  122.08    43.66 138.78    0.36
 3MK7  0.2833149  0.048   0.067  -0.033   0.06    47.23  110.22    73.60 133.83    0.51
 M8    0.3220456  0.055   0.058  -0.023   0.06   111.76   99.18    37.36  83.97    0.89

total var= 92.3312   pred var= 49.7389
percent total var predicted/var original= 53.9 %
```