```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5402_5.txt
date: 31-Oct-2003
nobs = 3192,  ngood = 3190,  record length (days) = 133.00
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= 0.23, x trend= 0

var(x)= 100.8348    var(xp)= 74.242    var(xres)= 26.5419
percent var predicted/var original= 73.6 %

y0= 0.862, x trend= 0

var(y)= 53.538    var(yp)= 6.2531  var(yres)= 47.288
percent var predicted/var original= 11.7 %

ellipse parameters with 95%% CI estimates

tide    freq      major   emaj   minor   emin    inc     einc     pha    epha     snr
 MM    0.0015122  2.238   1.932   0.142   0.88    88.09   26.89    31.69  52.77    1.3
 MSF   0.0028219  0.674   1.236  -0.099   1.04   152.10   86.41   118.48 145.61    0.3
 ALP1  0.0343966  0.425   0.492  -0.093   0.48   105.13   87.48   359.07 100.40    0.75
 2Q1   0.0357064  0.201   0.376   0.108   0.39   145.01  124.96   227.49 158.20    0.29
 Q1    0.0372185  0.330   0.411   0.168   0.48   162.92  103.55     0.46 100.70    0.65
*O1    0.0387307  0.826   0.558  -0.143   0.49    69.54   42.81   239.19  48.05    2.2
 NO1   0.0402686  0.834   0.907  -0.411   1.03    28.38   93.24   344.43 100.13    0.85
 K1    0.0417807  0.427   0.435   0.151   0.43    25.76   86.98   225.97  97.28    0.97
 J1    0.0432929  0.277   0.449  -0.215   0.34   131.20  134.29   164.22 139.48    0.38
 OO1   0.0448308  0.799   0.669  -0.455   0.80   154.05   85.91    94.42  81.00    1.4
 UPS1  0.0463430  0.412   0.614  -0.157   0.57    63.37   90.48   224.61 104.22    0.45
 EPS2  0.0761773  0.318   0.272  -0.218   0.29    21.10   85.61    88.61 113.51    1.4
 MU2   0.0776895  0.213   0.330   0.146   0.30    95.51  152.84   164.28 116.53    0.42
*N2    0.0789992  2.659   0.424   0.026   0.32    13.85    6.87   268.76  10.37    39
*M2    0.0805114 11.879   0.446  -0.946   0.33    15.29    1.43    66.83   2.21 7.1e+002
*L2    0.0820236  0.570   0.338  -0.014   0.29    17.01   28.69   248.36  37.15    2.8
*S2    0.0833333  1.930   0.426   0.036   0.36    10.66    9.18    15.91  13.23    21
 ETA2  0.0850736  0.136   0.276   0.044   0.28   173.58   97.85   352.60 146.39    0.24
 MO3   0.1192421  0.101   0.133  -0.056   0.14    69.47  107.66    70.63 135.89    0.57
 M3    0.1207671  0.122   0.152  -0.009   0.14    76.22   77.08   312.64  95.09    0.65
 MK3   0.1222921  0.100   0.133  -0.016   0.13    10.36  102.34    70.04  97.72    0.56
*SK3   0.1251141  0.237   0.147  -0.074   0.16   176.88   58.10   306.37  52.15    2.6
*MN4   0.1595106  0.163   0.105  -0.043   0.12    33.18   59.83    77.85  59.82    2.4
*M4    0.1610228  0.409   0.133  -0.008   0.13    49.57   18.80   209.69  17.89    9.4
 SN4   0.1623326  0.054   0.100   0.008   0.09   108.20  113.99    80.35 118.84    0.29
*MS4   0.1638447  0.260   0.107  -0.108   0.14    34.40   36.92   183.90  38.01    5.9
 S4    0.1666667  0.115   0.126  -0.027   0.11   110.07   81.40   149.32  76.47    0.84
 2MK5  0.2028035  0.095   0.083   0.035   0.09    43.75   76.39   300.67  83.11    1.3
 2SK5  0.2084474  0.101   0.106  -0.007   0.09   179.35   61.33    65.15  69.06    0.9
*2MN6  0.2400221  0.271   0.097   0.037   0.11    50.74   23.84   170.05  20.25    7.8
*M6    0.2415342  0.483   0.108   0.091   0.10    34.80   10.89   316.65  12.08    20
*2MS6  0.2443561  0.188   0.088  -0.016   0.11    54.35   33.84   287.92  30.60    4.6
 2SM6  0.2471781  0.050   0.081  -0.022   0.08   134.34  114.79    48.70 125.89    0.38
 3MK7  0.2833149  0.037   0.058   0.012   0.06    49.43  110.47   212.38 136.02    0.4
 M8    0.3220456  0.059   0.054  -0.048   0.05   156.70  112.61     9.38 117.40    1.2

total var= 154.3728   pred var= 80.495
percent total var predicted/var original= 52.1 %
```