```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6111_5.txt
date: 31-Oct-2003
nobs = 2012,  ngood = 2010,  record length (days) = 83.83
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= 1.26, x trend= 0

var(x)= 122.428   var(xp)= 88.9322   var(xres)= 33.7785
percent var predicted/var original= 72.6 %

y0= -1.42, x trend= 0

var(y)= 63.3636    var(yp)= 15.7871  var(yres)= 48.2896
percent var predicted/var original= 24.9 %

ellipse parameters with 95%% CI estimates

tide    freq      major   emaj    minor   emin    inc     einc     pha    epha      snr
*MM    0.0015122  4.762   2.514  -0.876   2.40    90.31   31.23    3.03   32.44     3.6
 MSF   0.0028219  1.617   1.805   0.458   2.09    79.25   93.79   23.46   99.56     0.8
 ALP1  0.0343966  0.219   0.803  -0.127   0.75     3.00  158.61   52.59  202.82    0.074
 2Q1   0.0357064  0.708   0.846  -0.180   0.87    64.16   82.22  295.58  107.72     0.7
 Q1    0.0372185  0.201   0.774  -0.123   0.73    62.51  118.16  211.10  254.20    0.068
 O1    0.0387307  0.687   0.882  -0.329   0.97   150.45  111.58  177.93  115.86     0.61
 NO1   0.0402686  1.689   1.926  -1.215   2.12   102.57   99.15  147.89  124.78     0.77
 K1    0.0417807  0.658   0.855  -0.313   0.89    66.92   88.83  128.79  113.61     0.59
 J1    0.0432929  0.734   0.701  -0.272   0.83     3.21  109.87  292.10   85.78     1.1
 OO1   0.0448308  1.091   1.368  -0.361   1.15   105.46   89.98  265.48   98.70     0.64
 UPS1  0.0463430  0.960   1.254  -0.548   1.11   107.08   80.71  277.78  125.74     0.59
 EPS2  0.0761773  0.523   0.398   0.317   0.44    30.72   99.85  320.18   90.18     1.7
 MU2   0.0776895  0.550   0.534  -0.224   0.41    62.38   63.02  243.65   82.66     1.1
*N2    0.0789992  2.856   0.404  -0.024   0.71    22.63   12.23  318.06    9.33      50
*M2    0.0805114 12.531   0.448  -1.795   0.74     8.77    3.19    3.84    2.16  7.8e+002
*L2    0.0820236  0.949   0.349  -0.328   0.55   176.21   41.48  282.01   23.10     7.4
*S2    0.0833333  2.313   0.393  -0.130   0.67   174.73   18.59  102.49   11.59      35
 ETA2  0.0850736  0.428   0.517  -0.010   0.48   129.04   63.66  261.94   92.70     0.68
 MO3   0.1192421  0.331   0.296   0.054   0.29   137.60   59.05   18.66   70.22     1.3
 M3    0.1207671  0.344   0.292  -0.167   0.26   133.96   74.33  306.41   72.88     1.4
 MK3   0.1222921  0.288   0.298  -0.079   0.26    89.26   73.02  340.46   82.90     0.93
 SK3   0.1251141  0.168   0.227  -0.128   0.26     3.48  143.75  358.92  144.90     0.55
 MN4   0.1595106  0.236   0.180  -0.113   0.19    74.72   68.28   50.39   70.58     1.7
*M4    0.1610228  0.722   0.208   0.066   0.26    16.60   17.50   78.60   15.81      12
 SN4   0.1623326  0.236   0.224   0.018   0.18    83.13   48.09  332.44   65.89     1.1
*MS4   0.1638447  0.290   0.185  -0.164   0.24   166.14   79.60  191.94   80.51     2.5
 S4    0.1666667  0.124   0.171  -0.069   0.16   120.43   85.29   47.71  132.13     0.53
*2MK5  0.2028035  0.283   0.157   0.023   0.13     6.82   29.83  271.31   35.67     3.3
 2SK5  0.2084474  0.161   0.133  -0.033   0.13    17.29   61.87  352.73   62.81     1.5
 2MN6  0.2400221  0.233   0.180   0.075   0.14    32.36   46.48  108.15   55.26     1.7
*M6    0.2415342  0.674   0.196   0.022   0.16    32.31   13.23  130.44   16.94      12
 2MS6  0.2443561  0.224   0.170   0.090   0.17    52.50   60.78  106.26   56.79     1.7
 2SM6  0.2471781  0.094   0.137   0.067   0.13   116.44  125.09  356.20  131.48     0.47
 3MK7  0.2833149  0.096   0.108  -0.028   0.11    32.37   79.54  166.77   93.04     0.78
 M8    0.3220456  0.080   0.075  -0.017   0.07    38.10   75.64  253.70   77.44     1.1

total var= 185.7916   pred var= 104.7192
percent total var predicted/var original= 56.4 %
```