```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5302_15.txt
date: 31-Oct-2003
nobs = 2516,  ngood = 2513,  record length (days) = 104.83
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= -0.743, x trend= 0

var(x)= 91.3604   var(xp)= 23.7305   var(xres)= 68.5728
percent var predicted/var original= 26.0 %

y0= -0.0424, x trend= 0

var(y)= 72.4122    var(yp)= 8.5559  var(yres)= 63.6917
percent var predicted/var original= 11.8 %

ellipse parameters with 95%% CI estimates

tide    freq     major   emaj    minor    emin    inc     einc     pha     epha     snr
*MM    0.0015122  2.351   1.469   0.042    1.41   89.31   36.84   239.52   38.92    2.6
*MSF   0.0028219  1.720   1.171   0.345    1.31   12.14   72.71    99.55   56.15    2.2
 ALP1  0.0343966  0.739   0.575   0.002    0.57  143.22   50.11     0.21   53.67    1.7
 2Q1   0.0357064  0.391   0.521  -0.042    0.52    4.02   97.92     0.97  109.97    0.56
 Q1    0.0372185  0.753   0.692  -0.338    0.58   40.60   71.61    47.11   76.97    1.2
 O1    0.0387307  0.591   0.601   0.164    0.57  115.75   82.64   247.46   79.37    0.97
 NO1   0.0402686  0.730   1.126  -0.059    1.13   20.66  109.55   247.72  125.32    0.42
*K1    0.0417807  1.447   0.698  -0.617    0.59  163.00   40.75   128.43   35.09    4.3
 J1    0.0432929  0.550   0.541  -0.223    0.52    5.49   82.33   325.12   89.65    1
 OO1   0.0448308  0.815   0.874  -0.248    0.75   32.69   82.71   324.90   81.72    0.87
 UPS1  0.0463430  0.527   0.658  -0.428    0.63    3.70  113.07   229.56  130.70    0.64
 EPS2  0.0761773  0.724   1.579  -0.610    1.65  151.29  124.60   209.17  197.58    0.21
 MU2   0.0776895  1.317   1.809  -0.599    1.39   33.55   95.19   184.87  115.36    0.53
 N2    0.0789992  2.371   1.831  -0.727    1.75   52.72   65.82   314.95   61.47    1.7
*M2    0.0805114  6.533   2.266   2.771    1.98   14.94   22.99   340.38   28.53    8.3
 L2    0.0820236  1.697   1.528  -1.333    1.49   79.50  128.63   114.32  113.16    1.2
 S2    0.0833333  1.295   1.852  -0.485    1.44   33.91   82.70    36.14  117.28    0.49
 ETA2  0.0850736  1.092   1.941  -0.558    1.76   17.17   91.06    93.43  130.04    0.32
 MO3   0.1192421  0.301   0.357   0.083    0.40   59.00   99.42   304.45  104.98    0.71
 M3    0.1207671  0.324   0.353  -0.004    0.31   45.42   99.22    94.31   97.81    0.84
 MK3   0.1222921  0.538   0.420  -0.296    0.39   76.34   70.25   223.35   71.81    1.6
 SK3   0.1251141  0.226   0.328  -0.106    0.32  119.96  113.11    92.68  138.54    0.47
 MN4   0.1595106  0.536   0.472  -0.019    0.41  163.40   39.19    84.52   56.28    1.3
*M4    0.1610228  0.838   0.524  -0.289    0.44  157.48   39.50   129.79   42.92    2.6
 SN4   0.1623326  0.319   0.392  -0.194    0.39  128.36  105.57     0.01  114.46    0.67
 MS4   0.1638447  0.469   0.413  -0.220    0.45   74.13   89.32    71.64   70.58    1.3
 S4    0.1666667  0.141   0.360  -0.028    0.30   51.50  119.66   127.53  173.36    0.15
 2MK5  0.2028035  0.317   0.260  -0.216    0.25   84.52   96.95   333.98   93.60    1.5
 2SK5  0.2084474  0.132   0.233  -0.103    0.24   61.11  133.10   293.46  149.28    0.32
*2MN6  0.2400221  0.423   0.290  -0.071    0.26   26.59   35.53   333.17   43.87    2.1
*M6    0.2415342  0.647   0.279   0.014    0.24   24.10   21.36    28.41   24.76    5.4
 2MS6  0.2443561  0.238   0.221  -0.207    0.21   78.03  118.24    68.89  117.75    1.2
 2SM6  0.2471781  0.197   0.234  -0.076    0.24   38.71   97.64   183.60   99.88    0.71
 3MK7  0.2833149  0.059   0.122   0.002    0.11   18.15   95.43   180.82  153.61    0.23
 M8    0.3220456  0.093   0.099  -0.009    0.09  175.22   71.17   326.46   76.07    0.89

total var= 163.7726   pred var= 32.2864
percent total var predicted/var original= 19.7 %
```