```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5712_1.txt
date: 31-Oct-2003
nobs = 3173,  ngood = 3170,  record length (days) = 132.21
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= -1.29, x trend= 0

var(x)= 48.9294   var(xp)= 16.7592   var(xres)= 32.1659
percent var predicted/var original= 34.3 %

y0= 2.14, x trend= 0

var(y)= 122.6706    var(yp)= 57.1427  var(yres)= 65.6155
percent var predicted/var original= 46.6 %

ellipse parameters with 95%% CI estimates

tide    freq       major   emaj    minor   emin    inc     einc     pha     epha     snr
*MM    0.0015122   3.962   2.417  -0.577   1.05    92.76   16.19   170.76   41.10    2.7
 MSF   0.0028219   0.835   1.842  -0.088   1.04   121.81   45.40   302.17  132.85    0.21
 ALP1  0.0343966   0.545   0.583   0.028   0.53   127.29   62.43   169.65   86.67    0.87
 2Q1   0.0357064   0.324   0.495   0.126   0.42    65.73   96.11   312.17  121.20    0.43
 Q1    0.0372185   0.587   0.587  -0.423   0.62   106.83   99.54   229.32  114.60      1
 O1    0.0387307   0.253   0.475   0.154   0.49    17.93  158.32   356.94  172.23    0.28
 NO1   0.0402686   0.883   1.185   0.104   1.05    92.60   73.80    31.07  106.90    0.56
*K1    0.0417807   1.217   0.718  -0.180   0.61   112.01   35.91   310.06   38.61    2.9
 J1    0.0432929   0.441   0.544  -0.055   0.53    95.12   75.04   249.07  106.83    0.66
 OO1   0.0448308   0.437   0.807   0.151   0.66   111.40  101.73   229.95  128.43    0.29
 UPS1  0.0463430   0.414   0.639   0.104   0.60    75.34   92.80   145.49  140.55    0.42
 EPS2  0.0761773   0.154   0.581  -0.010   0.56   147.68  129.29   243.33  223.45    0.07
 MU2   0.0776895   0.819   0.653  -0.298   0.77    64.98   81.96    51.66   62.72    1.6
*N2    0.0789992   3.257   0.773  -0.494   0.93    65.76   17.57   122.46   16.58     18
*M2    0.0805114  10.569   0.945  -0.959   0.93    59.73    5.29   239.87    4.66 1.3e+002
 L2    0.0820236   0.294   0.533   0.129   0.51    25.45   96.49   310.11  141.42    0.3
 S2    0.0833333   1.009   0.754   0.553   0.72    58.99   75.64   146.10   76.14    1.8
 ETA2  0.0850736   0.703   0.768  -0.292   0.74    61.31   86.88    57.62   85.67    0.84
 MO3   0.1192421   0.181   0.241  -0.128   0.28   106.71  129.55   355.72  152.65    0.57
 M3    0.1207671   0.220   0.244   0.059   0.24   170.82   94.54   101.48  107.96    0.81
 MK3   0.1222921   0.386   0.338  -0.085   0.32   130.53   54.14   185.34   62.22    1.3
 SK3   0.1251141   0.212   0.280  -0.179   0.26     9.30  111.68   287.75  115.30    0.57
*MN4   0.1595106   0.447   0.294   0.035   0.29   136.44   44.29    66.64   40.27    2.3
*M4    0.1610228   0.709   0.324  -0.052   0.27   145.05   23.94   193.13   25.80    4.8
 SN4   0.1623326   0.253   0.283  -0.164   0.27     7.44   95.26   323.46  110.10    0.8
 MS4   0.1638447   0.131   0.236  -0.063   0.20   141.14   99.00   135.52  140.46    0.31
 S4    0.1666667   0.132   0.226  -0.022   0.21     3.62  101.30   319.43  151.77    0.34
 2MK5  0.2028035   0.147   0.187  -0.040   0.18   174.93  113.69   227.41  102.16    0.62
 2SK5  0.2084474   0.162   0.220  -0.106   0.20    40.09  128.78   198.02  124.69    0.54
*2MN6  0.2400221   0.384   0.237  -0.069   0.17   112.90   31.66   293.78   37.48    2.6
*M6    0.2415342   0.774   0.254   0.002   0.20    95.73   14.60    60.71   16.74    9.3
 2MS6  0.2443561   0.247   0.190  -0.003   0.18    70.45   47.83   314.79   53.96    1.7
 2SM6  0.2471781   0.160   0.156  -0.064   0.15    56.21   79.09   262.86   87.29    1.1
 3MK7  0.2833149   0.040   0.125   0.005   0.11    60.73  119.89   116.91  178.49    0.1
 M8    0.3220456   0.116   0.094  -0.008   0.09   169.20   55.60   198.66   54.17    1.5

total var= 171.6001   pred var= 73.9019
percent total var predicted/var original= 43.1 %
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