```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4633.txt
date: 31-Oct-2003
nobs = 3382,  ngood = 3381,  record length (days) = 140.92
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= -0.481, x trend= 0

var(x)= 63.1285   var(xp)= 48.306   var(xres)= 14.8338
percent var predicted/var original= 76.5 %

y0= 0.00397, x trend= 0

var(y)= 23.9051    var(yp)= 1.4501  var(yres)= 22.4567
percent var predicted/var original= 6.1 %

ellipse parameters with 95%% CI estimates

tide    freq     major   emaj    minor   emin    inc     einc     pha    epha      snr
 MM    0.0015122  0.307   0.790   0.072   0.61    42.91   74.93   260.67 154.96    0.15
 MSF   0.0028219  1.723   1.336   0.159   0.72   120.15   30.71   237.91  37.95    1.7
 ALP1  0.0343966  0.345   0.322  -0.253   0.32    41.29  100.19    63.61 121.02    1.1
 2Q1   0.0357064  0.333   0.347   0.024   0.30   105.42   60.50   270.21  86.95    0.92
 Q1    0.0372185  0.305   0.315  -0.030   0.29   144.85   86.45    74.75  77.52    0.94
*O1    0.0387307  0.630   0.325  -0.235   0.41   163.85   64.94   192.50  51.02    3.8
 NO1   0.0402686  0.506   0.622  -0.208   0.64   111.71   86.28   149.97 114.52    0.66
 K1    0.0417807  0.448   0.393   0.064   0.33   138.77   60.00   339.78  53.16    1.3
 J1    0.0432929  0.120   0.273  -0.021   0.26   101.40   89.89   342.28 164.26    0.19
 OO1   0.0448308  0.243   0.390  -0.115   0.40    42.76  112.39   220.19 148.64    0.39
 UPS1  0.0463430  0.395   0.369  -0.061   0.29   106.11   64.65    81.12  88.90    1.1
 EPS2  0.0761773  0.176   0.230  -0.082   0.21   160.13   97.22   322.28 110.62    0.59
*MU2   0.0776895  0.413   0.246  -0.071   0.31   163.09   50.95   164.60  45.04    2.8
*N2    0.0789992  2.164   0.257  -0.118   0.34    12.81    7.78    75.69   7.11    71
*M2    0.0805114  9.363   0.253  -0.145   0.33     9.19    2.22   181.26   1.46 1.4e+003
 L2    0.0820236  0.210   0.193  -0.095   0.23     1.50  101.65   283.47  79.40    1.2
*S2    0.0833333  1.658   0.218  -0.262   0.35     9.03   11.91   309.88   8.86    58
 ETA2  0.0850736  0.098   0.206   0.018   0.17    96.41   93.54   133.90 177.49    0.23
 MO3   0.1192421  0.072   0.100  -0.031   0.10    51.30   99.16   352.87 109.51    0.52
*M3    0.1207671  0.164   0.108   0.016   0.12   133.35   48.51   288.13  50.79    2.3
 MK3   0.1222921  0.103   0.117  -0.007   0.09   153.41   72.59    35.49  80.16    0.78
 SK3   0.1251141  0.075   0.113   0.048   0.10    22.42  103.92   278.18 117.54    0.44
*MN4   0.1595106  0.266   0.146   0.038   0.13   176.31   28.47   111.32  34.49    3.3
*M4    0.1610228  0.390   0.163   0.048   0.14   166.18   17.99   204.01  21.92    5.8
 SN4   0.1623326  0.145   0.123  -0.037   0.11   162.75   50.30   280.70  62.68    1.4
*MS4   0.1638447  0.270   0.127  -0.020   0.12   177.44   28.84    15.18  29.11    4.5
 S4    0.1666667  0.145   0.119  -0.041   0.12   147.75   61.63    53.07  68.33    1.5
*2MK5  0.2028035  0.117   0.076  -0.004   0.07   113.64   37.81    97.20  39.07    2.4
 2SK5  0.2084474  0.092   0.073  -0.044   0.07     5.05   59.40   155.27  68.50    1.6
*2MN6  0.2400221  0.249   0.109   0.016   0.08    21.58   17.48   168.79  23.26    5.2
*M6    0.2415342  0.340   0.104   0.128   0.07    21.22   16.14   279.84  19.37    11
*2MS6  0.2443561  0.136   0.076   0.100   0.08    86.97   99.40    82.09  70.81    3.2
*2SM6  0.2471781  0.120   0.080  -0.003   0.09    54.50   59.03   184.30  50.70    2.3
 3MK7  0.2833149  0.031   0.042  -0.005   0.05    63.68  121.05   161.40 105.91    0.55
 M8    0.3220456  0.055   0.043  -0.015   0.05    78.95   74.29   142.32  58.71    1.7

total var= 87.0336   pred var= 49.7561
percent total var predicted/var original= 57.2 %
```