```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5522_5.txt
date: 31-Oct-2003
nobs = 2163,  ngood = 2147,  record length (days) = 90.13
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= -0.995, x trend= 0

var(x)= 131.0243   var(xp)= 82.355   var(xres)= 48.6475
percent var predicted/var original= 62.9 %

y0= -0.499, x trend= 0

var(y)= 105.6545    var(yp)= 9.9548  var(yres)= 95.692
percent var predicted/var original= 9.4 %

ellipse parameters with 95%% CI estimates

tide    freq     major   emaj    minor   emin    inc     einc     pha     epha     snr
 MM    0.0015122  2.669   2.679  -0.378   3.30   151.50   86.78    27.75   73.02    0.99
 MSF   0.0028219  2.590   3.430  -1.357   2.07   104.59   50.05   271.82  136.20    0.57
 ALP1  0.0343966  0.350   0.989  -0.322   0.81    12.76  141.03   272.74  185.89    0.13
 2Q1   0.0357064  0.963   0.933  -0.124   0.88    90.29   69.38   258.34   75.45    1.1
*Q1    0.0372185  1.528   1.020  -0.846   0.99   129.40   72.40   205.74   75.08    2.2
 O1    0.0387307  0.257   0.694  -0.082   0.74    52.87  108.61   329.18  204.43    0.14
 NO1   0.0402686  0.953   1.835  -0.472   1.56    74.19  108.29   173.61  179.39    0.27
*K1    0.0417807  1.986   0.969  -1.111   0.94    95.05   53.28   191.63   59.10    4.2
 J1    0.0432929  0.456   0.791  -0.065   0.81   131.83  104.66   252.90  144.15    0.33
 OO1   0.0448308  1.297   1.468  -0.760   1.27   124.94   95.74   331.59  103.40    0.78
 UPS1  0.0463430  0.964   1.104  -0.703   1.16    80.34  105.08   286.25  121.00    0.76
 EPS2  0.0761773  0.617   0.686  -0.490   0.76   161.78  123.43   254.73  137.95    0.81
 MU2   0.0776895  0.565   0.742   0.119   0.71    62.42  109.52    28.27  106.58    0.58
*N2    0.0789992  2.351   1.028  -0.541   0.88    18.18   22.60   208.88   24.32    5.2
*M2    0.0805114 12.520   0.906  -1.803   0.85    14.47    4.41    34.77    4.46 1.9e+002
 L2    0.0820236  0.372   0.588  -0.181   0.61    51.16  111.89   317.23  140.64    0.4
*S2    0.0833333  2.696   0.964  -0.462   0.87    13.69   24.39   355.12   24.20    7.8
 ETA2  0.0850736  0.436   0.803  -0.262   0.74   134.61  118.48     0.27  144.35    0.29
 MO3   0.1192421  0.161   0.265   0.003   0.29   167.45  126.56    29.49  200.14    0.37
 M3    0.1207671  0.122   0.243  -0.007   0.27   137.32  108.89   359.75  144.93    0.25
 MK3   0.1222921  0.360   0.320  -0.107   0.34   161.59   92.78   346.66   70.18    1.3
 SK3   0.1251141  0.321   0.315  -0.091   0.34   171.47   98.32   336.40  107.77    1
 MN4   0.1595106  0.193   0.251  -0.132   0.23    56.48   88.95    31.42  119.22    0.59
*M4    0.1610228  0.629   0.301  -0.110   0.29    50.01   29.32   157.42   28.74    4.4
 SN4   0.1623326  0.231   0.235  -0.079   0.28    14.24  100.29    86.49   83.69    0.97
 MS4   0.1638447  0.265   0.235  -0.043   0.22    58.99   53.60   134.45   67.49    1.3
 S4    0.1666667  0.180   0.224   0.027   0.22   155.88  127.17   328.81  117.88    0.65
 2MK5  0.2028035  0.145   0.160  -0.032   0.15   111.32   85.82   214.48   79.75    0.82
 2SK5  0.2084474  0.123   0.155   0.089   0.15    64.05  112.31   224.64  108.28    0.63
 2MN6  0.2400221  0.240   0.173   0.086   0.17    45.83   53.81    60.84   54.87    1.9
*M6    0.2415342  0.465   0.168   0.123   0.18    45.80   25.99   254.60   27.03    7.7
 2MS6  0.2443561  0.287   0.203  -0.027   0.19    68.60   35.56   225.94   40.94    2
 2SM6  0.2471781  0.161   0.152  -0.093   0.13   101.37   93.12   138.37   99.87    1.1
 3MK7  0.2833149  0.064   0.098   0.010   0.09    92.92  102.60   202.07  128.15    0.43
*M8    0.3220456  0.123   0.079  -0.017   0.09   173.85   51.55   212.88   42.39    2.4

total var= 236.6788   pred var= 92.3098
percent total var predicted/var original= 39.0 %
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