```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5541_1.txt
date: 31-Oct-2003
nobs = 2513,  ngood = 2493,  record length (days) = 104.71
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= 1.86, x trend= 0

var(x)= 45.3715   var(xp)= 7.1622   var(xres)= 38.2832
percent var predicted/var original= 15.8 %

y0= -5.43, x trend= 0

var(y)= 145.9251    var(yp)= 26.7433  var(yres)= 119.2351
percent var predicted/var original= 18.3 %

ellipse parameters with 95%% CI estimates

tide    freq     major   emaj    minor   emin    inc     einc    pha     epha    snr
 MM    0.0015122 5.052   4.136   -0.698  2.91    120.90  35.62   225.61  55.52   1.5
 MSF   0.0028219 3.592   3.605   -0.831  2.76    116.91  55.72   19.40   77.25   0.99
 ALP1  0.0343966 0.288   0.513   0.018   0.52    135.50  113.70  157.14  142.74  0.32
 2Q1   0.0357064 0.631   0.654   -0.326  0.57    128.95  76.51   194.09  78.62   0.93
 Q1    0.0372185 0.785   0.604   -0.574  0.64    20.61   94.69   258.47  82.62   1.7
 O1    0.0387307 0.500   0.562   -0.045  0.61    18.66   99.19   287.95  103.66  0.79
 NO1   0.0402686 0.458   1.085   -0.231  0.99    59.44   104.18  185.14  172.12  0.18
 K1    0.0417807 1.005   0.729   -0.504  0.61    100.82  60.70   174.81  68.89   1.9
 J1    0.0432929 0.469   0.542   -0.118  0.61    10.77   105.91  342.99  97.64   0.75
 OO1   0.0448308 0.952   0.850   -0.643  0.95    159.58  108.48  206.24  110.90  1.3
 UPS1  0.0463430 0.653   0.740   -0.367  0.72    92.45   97.70   132.73  123.57  0.78
 EPS2  0.0761773 0.194   0.456   0.041   0.41    115.91  105.15  337.82  145.80  0.18
 MU2   0.0776895 0.639   0.572   -0.230  0.52    77.32   68.11   270.05  83.54   1.2
*N2    0.0789992 2.233   0.746   -0.526  0.67    66.60   16.70   65.53   19.58   9
*M2    0.0805114 7.529   0.709   0.306   0.67    62.29   4.92    266.55  5.27    1.1e+002
 L2    0.0820236 0.439   0.395   0.015   0.53    11.37   101.77  67.74   93.92   1.2
*S2    0.0833333 1.243   0.818   0.385   0.58    88.17   33.37   233.39  42.09   2.3
 ETA2  0.0850736 0.387   0.651   0.143   0.51    109.33  84.58   114.09  122.43  0.35
 MO3   0.1192421 0.262   0.259   -0.011  0.24    133.92  62.11   9.11    79.57   1
 M3    0.1207671 0.183   0.225   0.028   0.22    166.33  122.28  249.27  94.86   0.66
 MK3   0.1222921 0.222   0.266   0.087   0.25    151.84  87.08   327.68  95.98   0.69
 SK3   0.1251141 0.179   0.201   0.018   0.24    171.78  121.06  240.05  112.31  0.79
 MN4   0.1595106 0.221   0.186   -0.091  0.17    117.25  69.34   25.81   73.73   1.4
 M4    0.1610228 0.258   0.196   0.079   0.17    105.82  52.59   235.70  59.96   1.7
 SN4   0.1623326 0.181   0.178   -0.050  0.18    112.39  73.71   174.58  73.18   1
 MS4   0.1638447 0.167   0.190   0.020   0.18    60.46   69.45   74.44   79.21   0.78
 S4    0.1666667 0.184   0.188   0.091   0.18    123.21  89.40   226.60  105.26  0.96
 2MK5  0.2028035 0.081   0.121   0.028   0.12    91.91   90.08   333.00  133.84  0.45
 2SK5  0.2084474 0.103   0.140   0.029   0.12    60.06   87.86   141.74  107.63  0.55
*2MN6  0.2400221 0.308   0.199   -0.018  0.10    94.99   20.67   354.66  41.80   2.4
*M6    0.2415342 0.708   0.223   0.010   0.10    95.69   8.24    174.84  16.18   10
*2MS6  0.2443561 0.332   0.176   -0.099  0.12    96.30   23.59   137.91  46.25   3.5
 2SM6  0.2471781 0.102   0.152   -0.081  0.11    92.05   76.06   68.31   162.99  0.45
 3MK7  0.2833149 0.090   0.089   -0.033  0.09    136.20  82.68   98.38   86.39   1
*M8    0.3220456 0.118   0.069   0.017   0.07    133.08  39.56   303.68  42.57   2.9

total var= 191.2966   pred var= 33.9055
percent total var predicted/var original= 17.7 %
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