```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4952_5.txt
date: 31-Oct-2003
nobs = 2818,  ngood = 2817,  record length (days) = 117.42
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= 2.26, x trend= 0

var(x)= 110.0103   var(xp)= 61.2071   var(xres)= 48.7945
percent var predicted/var original= 55.6 %

y0= -1.22, x trend= 0

var(y)= 87.3534    var(yp)= 25.7993  var(yres)= 61.51
percent var predicted/var original= 29.5 %

ellipse parameters with 95%% CI estimates

tide    freq       major   emaj    minor   emin    inc      einc      pha     epha      snr
 MM    0.0015122   0.719   2.065   -0.500   1.54    83.98    76.98    206.08  183.16    0.12
 MSF   0.0028219   1.627   2.197   -0.006   1.63   101.46    58.66    256.47   94.44    0.55
 ALP1  0.0343966   0.771   0.763   -0.464   0.60   145.50    96.27    102.87   99.08     1
 2Q1   0.0357064   0.446   0.615    0.184   0.63   148.33   116.92    279.12  123.59    0.53
 Q1    0.0372185   0.363   0.626   -0.159   0.54    47.10   115.05     95.20  139.40    0.34
 O1    0.0387307   0.465   0.641   -0.105   0.62     6.92    87.90     48.43  108.71    0.53
 NO1   0.0402686   1.840   1.566   -0.277   1.75   172.78    63.81    186.81   62.26     1.4
*K1    0.0417807   1.568   0.755   -1.095   0.80   134.57    64.42    179.45   68.18     4.3
 J1    0.0432929   0.484   0.633   -0.198   0.58    45.38   102.28    328.38  117.14    0.58
 OO1   0.0448308   0.673   0.843   -0.264   0.87    29.53   117.78    284.32  123.94    0.64
 UPS1  0.0463430   0.824   0.897   -0.256   0.92    98.76    83.28     20.06   86.40    0.84
 EPS2  0.0761773   0.105   0.410   -0.025   0.40   103.63    99.69    157.31  190.40    0.065
 MU2   0.0776895   0.120   0.449   -0.049   0.39   120.80   113.78    283.05  172.09    0.072
*N2    0.0789992   2.880   0.684   -0.333   0.76    26.26    14.36    295.22   11.76     18
*M2    0.0805114  12.113   0.573   -0.889   0.70    32.39     3.02    308.49    3.04   4.5e+002
*L2    0.0820236   1.564   0.434   -0.680   0.50    35.37    32.09      0.55   26.46     13
*S2    0.0833333   1.828   0.663   -0.059   0.62    37.14    24.15      7.30   21.15     7.6
 ETA2  0.0850736   0.459   0.516   -0.138   0.53    86.71    81.14    352.25   94.19    0.79
 MO3   0.1192421   0.315   0.362   -0.059   0.35    18.19    68.77    120.51   80.28    0.76
 M3    0.1207671   0.254   0.292   -0.149   0.32   165.67   109.09    201.27  114.39    0.76
 MK3   0.1222921   0.234   0.320   -0.047   0.30   113.93    91.82    335.23   95.58    0.53
 SK3   0.1251141   0.192   0.323    0.122   0.28    21.37   113.58    102.74  146.85    0.36
*MN4   0.1595106   0.408   0.272    0.028   0.29    34.56    47.10    296.53   40.31     2.2
*M4    0.1610228   0.766   0.363   -0.179   0.33    48.36    26.03    301.21   23.38     4.5
 SN4   0.1623326   0.349   0.271   -0.087   0.31   173.05    67.90     61.73   81.80     1.7
 MS4   0.1638447   0.305   0.281    0.097   0.23    64.55    58.28     33.90   71.35     1.2
 S4    0.1666667   0.150   0.245    0.108   0.23    95.74   105.43     54.59  152.53    0.37
 2MK5  0.2028035   0.156   0.157   -0.031   0.17    29.11    82.95     73.42   79.83    0.98
 2SK5  0.2084474   0.176   0.186   -0.033   0.14    19.48    77.44     27.08   77.45    0.89
*2MN6  0.2400221   0.577   0.210    0.135   0.18    34.87    23.77    305.26   24.10     7.6
*M6    0.2415342   0.806   0.184    0.108   0.21    45.73    15.26    342.89   14.63     19
*2MS6  0.2443561   0.407   0.193   -0.093   0.21    38.46    31.73     30.62   33.01     4.5
 2SM6  0.2471781   0.088   0.158    0.006   0.14    44.10   104.97     61.78  126.00    0.31
 3MK7  0.2833149   0.055   0.120    0.001   0.12   107.24   138.96    124.59  165.05    0.21
 M8    0.3220456   0.159   0.121   -0.042   0.13    37.25    53.29      3.49   56.91     1.7

total var= 197.3637   pred var= 87.0063
percent total var predicted/var original= 44.1 %
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