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file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4662.txt
date: 31-Oct-2003
nobs = 2828,  ngood = 2827,  record length (days) = 117.83
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= 0.374, x trend= 0

var(x)= 68.6864   var(xp)= 51.571   var(xres)= 17.1475
percent var predicted/var original= 75.1 %

y0= -0.0984, x trend= 0

var(y)= 17.7084    var(yp)= 2.7644  var(yres)= 14.9432
percent var predicted/var original= 15.6 %

ellipse parameters with 95%% CI estimates

tide   freq      major  emaj   minor   emin    inc    einc     pha    epha     snr
*MM    0.0015122 1.828  1.196   0.045  1.04   125.08  37.81  184.56  43.55    2.3
 MSF   0.0028219 0.526  0.986   0.083  0.64    93.13  52.89  162.67 147.39    0.28
 ALP1  0.0343966 0.353  0.440  -0.242  0.47    90.66 115.99  100.83 118.92    0.65
 2Q1   0.0357064 0.235  0.383  -0.215  0.38   120.92 134.76  186.19 170.77    0.38
 Q1    0.0372185 0.273  0.433  -0.106  0.46   119.50 114.43  191.64 139.82    0.4
 O1    0.0387307 0.689  0.580  -0.041  0.43    10.50  48.49  330.71  58.52    1.4
 NO1   0.0402686 0.447  0.832  -0.216  0.97   117.98 149.40  191.45 136.50    0.29
*K1    0.0417807 0.756  0.450  -0.500  0.49   166.96  77.64  259.53  79.96    2.8
 J1    0.0432929 0.246  0.405  -0.055  0.37   117.77 111.50  347.66 123.03    0.37
 OO1   0.0448308 0.565  0.680  -0.319  0.59   166.11  98.16   92.40 109.63    0.69
 UPS1  0.0463430 0.402  0.530  -0.123  0.51     7.31  89.57  182.00 127.51    0.58
 EPS2  0.0761773 0.143  0.289  -0.046  0.28   179.47 128.73   83.51 219.95    0.25
 MU2   0.0776895 0.300  0.329  -0.065  0.36    93.94 102.11   90.55  98.85    0.83
*N2    0.0789992 1.907  0.475  -0.241  0.37    12.62  13.00  274.38  14.06   16
*M2    0.0805114 9.635  0.524  -0.153  0.43     9.29   2.56  348.50   2.60 3.4e+002
*L2    0.0820236 0.616  0.356  -0.040  0.32    10.70  37.95   92.32  38.66    3
*S2    0.0833333 1.378  0.501   0.130  0.39    12.39  17.90  274.95  19.24    7.6
*ETA2  0.0850736 0.702  0.385  -0.290  0.40     3.54  46.87  140.74  56.16    3.3
 MO3   0.1192421 0.212  0.199   0.006  0.18     0.11  67.49  255.25  85.34    1.1
 M3    0.1207671 0.090  0.166  -0.057  0.17   116.75 146.32   33.25 163.78    0.29
 MK3   0.1222921 0.158  0.169   0.029  0.19    67.46 111.42  179.92 111.44    0.87
 SK3   0.1251141 0.172  0.206  -0.097  0.20    35.13  97.65  249.70 112.13    0.7
 MN4   0.1595106 0.313  0.239   0.110  0.18   172.93  42.69  164.88  61.47    1.7
*M4    0.1610228 0.614  0.269  -0.193  0.20   171.98  19.27  213.86  26.75    5.2
 SN4   0.1623326 0.166  0.195  -0.071  0.17    24.09  68.23  343.83 104.22    0.73
 MS4   0.1638447 0.178  0.208  -0.130  0.19   147.89 102.60  147.13 121.32    0.73
 S4    0.1666667 0.094  0.159   0.019  0.16    40.43  84.57  225.53 155.35    0.35
 2MK5  0.2028035 0.092  0.126  -0.032  0.12   168.17  74.78  176.21 121.35    0.53
 2SK5  0.2084474 0.060  0.118   0.045  0.11   115.19 149.35  163.25 160.83    0.25
 2MN6  0.2400221 0.098  0.103   0.041  0.10    49.08  89.34    0.64 102.14    0.89
*M6    0.2415342 0.439  0.152   0.161  0.10    17.42  19.59   53.58  22.24    8.3
 2MS6  0.2443561 0.122  0.133  -0.025  0.10     1.69  49.31   32.26  75.30    0.84
 2SM6  0.2471781 0.151  0.129  -0.054  0.12     0.52  60.04  116.77  83.06    1.4
 3MK7  0.2833149 0.055  0.082  -0.009  0.08   111.11 120.65  192.73 119.88    0.45
 M8    0.3220456 0.029  0.050  -0.005  0.05    51.73 113.11   89.53 150.96    0.34

total var= 86.3948   pred var= 54.3354
percent total var predicted/var original= 62.9 %
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