```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4661.txt
date: 31-Oct-2003
nobs = 2831,  ngood = 2831,  record length (days) = 117.96
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= 0.255, x trend= 0

var(x)= 96.4153   var(xp)= 53.0716   var(xres)= 43.1358
percent var predicted/var original= 55.0 %

y0= -0.438, x trend= 0

var(y)= 70.1457    var(yp)= 3.9657  var(yres)= 66.1724
percent var predicted/var original= 5.7 %

ellipse parameters with 95%% CI estimates
```

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.903	2.007	0.473	2.00	87.12	65.19	191.23	89.17	0.9
MSF	0.0028219	1.693	1.878	0.359	1.82	132.55	79.66	282.11	87.76	0.81
ALP1	0.0343966	0.443	0.672	-0.170	0.64	37.87	111.58	317.47	118.94	0.44
2Q1	0.0357064	0.553	0.632	-0.383	0.63	75.00	85.92	111.62	131.05	0.77
Q1	0.0372185	0.456	0.774	-0.312	0.57	107.57	95.26	32.82	160.22	0.35
O1	0.0387307	0.463	0.708	0.212	0.59	31.94	102.63	21.28	91.82	0.43
NO1	0.0402686	0.785	1.287	0.016	1.19	170.13	136.37	129.12	116.93	0.37
*K1	0.0417807	1.324	0.759	-0.519	0.93	138.06	48.42	178.60	44.73	3
J1	0.0432929	0.239	0.545	0.139	0.54	97.31	95.54	239.80	192.77	0.19
OO1	0.0448308	0.921	1.035	-0.510	0.90	107.11	95.23	2.25	117.84	0.79
UPS1	0.0463430	0.609	0.838	-0.377	0.85	31.11	119.90	338.76	127.84	0.53
EPS2	0.0761773	0.704	0.674	-0.466	0.75	101.43	105.00	33.50	121.84	1.1
MU2	0.0776895	0.351	0.710	0.049	0.53	93.22	91.16	279.50	122.18	0.24
*N2	0.0789992	1.632	0.805	0.383	0.77	27.77	35.98	32.02	32.40	4.1
*M2	0.0805114	9.941	0.665	-0.084	0.91	13.37	5.53	79.69	4.64	2.2e+002
L2	0.0820236	0.528	0.699	-0.055	0.50	61.02	68.74	303.89	76.67	0.57
*S2	0.0833333	2.071	0.733	-0.214	0.82	173.39	26.84	186.48	25.35	8
ETA2	0.0850736	0.686	0.647	-0.208	0.66	29.99	92.96	12.05	82.43	1.1
MO3	0.1192421	0.330	0.252	0.088	0.28	145.57	71.33	94.88	67.28	1.7
M3	0.1207671	0.146	0.227	-0.001	0.23	169.27	106.79	152.64	123.86	0.42
MK3	0.1222921	0.256	0.275	-0.188	0.25	68.25	103.91	139.81	118.15	0.86
SK3	0.1251141	0.085	0.214	-0.040	0.23	112.53	111.87	49.06	165.09	0.16
MN4	0.1595106	0.266	0.218	-0.060	0.22	39.53	55.19	162.63	52.03	1.5
*M4	0.1610228	0.690	0.262	-0.216	0.16	74.03	21.64	197.37	26.01	6.9
SN4	0.1623326	0.203	0.211	-0.045	0.22	161.42	93.15	152.09	86.05	0.93
MS4	0.1638447	0.267	0.223	-0.172	0.19	92.73	83.44	122.49	101.08	1.4
S4	0.1666667	0.110	0.186	-0.033	0.16	136.59	106.82	334.17	148.56	0.35
2MK5	0.2028035	0.158	0.116	-0.016	0.13	101.21	73.63	178.40	53.52	1.8
2SK5	0.2084474	0.116	0.117	-0.085	0.13	125.13	111.42	181.32	104.99	0.98
*2MN6	0.2400221	0.238	0.134	0.066	0.14	65.06	44.49	298.56	39.12	3.2
*M6	0.2415342	0.601	0.142	0.075	0.14	31.61	13.40	2.32	15.00	18
2MS6	0.2443561	0.121	0.126	0.053	0.12	71.25	99.77	341.49	85.92	0.92
2SM6	0.2471781	0.147	0.137	-0.069	0.12	174.51	88.09	41.36	102.66	1.2
3MK7	0.2833149	0.046	0.083	0.021	0.07	50.10	121.37	177.01	153.66	0.31
*M8	0.3220456	0.131	0.079	-0.047	0.08	149.23	41.44	94.90	39.90	2.7

```
total var= 166.5609   pred var= 57.0373
percent total var predicted/var original= 34.2 %
```