```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4011.txt
date: 31-Oct-2003
nobs = 3378,  ngood = 3377,  record length (days) = 140.75
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= 0.117, x trend= 0

var(x)= 76.6286   var(xp)= 31.8248   var(xres)= 44.9133
percent var predicted/var original= 41.5 %

y0= 0.32, x trend= 0

var(y)= 67.4945    var(yp)= 2.9454  var(yres)= 64.529
percent var predicted/var original= 4.4 %

ellipse parameters with 95%% CI estimates
```

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.903	2.105	-0.156	1.18	66.83	37.62	156.28	80.87	0.82
MSF	0.0028219	2.637	2.109	-0.728	1.41	120.13	38.70	52.58	56.46	1.6
ALP1	0.0343966	0.399	0.577	-0.097	0.56	164.23	124.43	172.73	124.59	0.48
2Q1	0.0357064	0.648	0.690	-0.223	0.63	50.93	78.78	211.21	82.81	0.88
Q1	0.0372185	0.405	0.586	-0.212	0.66	86.18	111.55	341.23	124.51	0.48
*O1	0.0387307	1.044	0.709	-0.416	0.69	26.98	53.38	120.57	47.06	2.2
NO1	0.0402686	1.085	1.393	-0.338	1.15	62.86	90.06	217.08	97.62	0.61
*K1	0.0417807	1.551	0.655	-1.327	0.62	132.95	87.63	42.57	88.71	5.6
J1	0.0432929	0.418	0.569	-0.295	0.51	16.13	117.48	317.33	107.38	0.54
OO1	0.0448308	0.810	0.956	-0.492	0.95	145.01	110.39	213.73	107.69	0.72
UPS1	0.0463430	0.584	0.801	-0.493	0.71	4.77	128.36	106.00	128.85	0.53
EPS2	0.0761773	0.600	0.787	-0.241	0.82	73.23	103.42	183.55	101.26	0.58
MU2	0.0776895	0.273	0.641	0.113	0.67	147.98	113.33	338.80	193.95	0.18
*N2	0.0789992	1.681	1.038	0.383	0.93	163.16	37.50	81.79	41.10	2.6
*M2	0.0805114	7.466	1.017	0.905	0.90	170.54	7.83	178.70	8.39	54
L2	0.0820236	0.204	0.567	0.112	0.56	29.76	120.15	86.79	171.87	0.13
S2	0.0833333	1.268	1.005	0.111	0.82	165.77	43.24	310.45	57.22	1.6
ETA2	0.0850736	0.417	0.771	-0.194	0.79	152.13	108.96	194.33	146.67	0.29
MO3	0.1192421	0.400	0.303	-0.095	0.26	5.89	47.94	86.60	45.09	1.7
M3	0.1207671	0.182	0.207	0.057	0.22	9.37	105.51	331.47	102.56	0.78
*MK3	0.1222921	0.433	0.250	-0.347	0.24	29.42	93.55	277.33	94.75	3
*SK3	0.1251141	0.356	0.244	-0.116	0.26	148.29	58.15	236.99	65.41	2.1
*MN4	0.1595106	0.421	0.238	-0.271	0.19	11.72	49.28	21.62	58.67	3.1
*M4	0.1610228	0.935	0.218	-0.440	0.17	11.64	17.09	123.66	18.96	18
*SN4	0.1623326	0.243	0.170	-0.186	0.18	107.57	115.05	122.42	102.28	2
*MS4	0.1638447	0.380	0.200	-0.072	0.20	17.58	31.51	245.43	37.59	3.6
S4	0.1666667	0.135	0.179	-0.017	0.16	59.95	105.26	51.68	98.76	0.57
2MK5	0.2028035	0.168	0.149	-0.109	0.14	88.78	99.58	342.29	93.67	1.3
2SK5	0.2084474	0.050	0.118	-0.026	0.12	55.56	134.90	293.61	171.06	0.18
*2MN6	0.2400221	0.429	0.142	-0.054	0.14	41.37	17.79	124.99	21.23	9.1
*M6	0.2415342	0.549	0.128	-0.017	0.13	42.70	14.91	220.40	13.68	18
*2MS6	0.2443561	0.241	0.131	-0.036	0.13	34.04	44.01	0.97	35.64	3.4
2SM6	0.2471781	0.085	0.118	-0.031	0.11	1.99	109.39	236.03	127.81	0.51
3MK7	0.2833149	0.080	0.095	-0.074	0.09	138.93	123.77	110.72	129.75	0.72
*M8	0.3220456	0.105	0.069	-0.056	0.07	7.92	55.21	2.83	60.74	2.3

```
total var= 144.1231   pred var= 34.7702
percent total var predicted/var original= 24.1 %
```