```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6251_5.txt
date: 31-Oct-2003
nobs = 3359,  ngood = 3358,  record length (days) = 139.96
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= -0.966, x trend= 0

var(x)= 123.0654    var(xp)= 42.7484    var(xres)= 80.9092
percent var predicted/var original= 34.7 %

y0= 2.47, x trend= 0

var(y)= 141.2565    var(yp)= 3.3375   var(yres)= 137.9484
percent var predicted/var original= 2.4 %

ellipse parameters with 95%% CI estimates
```

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.204	3.809	-0.694	2.01	100.95	36.37	294.80	205.23	0.1
MSF	0.0028219	1.779	3.700	-0.197	2.58	135.47	41.48	257.63	184.19	0.23
ALP1	0.0343966	0.467	0.689	-0.156	0.62	12.17	102.39	125.96	121.35	0.46
2Q1	0.0357064	0.382	0.649	-0.107	0.56	44.24	101.91	323.69	130.83	0.35
Q1	0.0372185	0.426	0.624	-0.263	0.67	132.29	112.53	347.02	128.75	0.47
O1	0.0387307	0.599	0.671	-0.226	0.67	153.62	95.56	194.72	90.20	0.8
NO1	0.0402686	1.873	1.461	-0.512	1.49	172.06	71.85	213.45	73.85	1.6
*K1	0.0417807	1.900	0.786	-0.933	0.85	143.71	41.06	139.83	37.20	5.9
J1	0.0432929	0.507	0.618	0.032	0.59	134.08	89.03	176.90	97.22	0.67
OO1	0.0448308	0.283	0.814	0.147	0.75	133.27	141.86	288.67	177.52	0.12
UPS1	0.0463430	0.866	0.955	-0.219	0.77	81.47	71.71	344.21	83.50	0.82
EPS2	0.0761773	0.819	0.926	-0.426	1.03	160.18	85.81	117.55	123.50	0.78
*MU2	0.0776895	1.769	1.224	-0.998	1.09	9.95	53.43	283.54	73.97	2.1
*N2	0.0789992	2.783	1.437	-0.503	0.96	10.53	24.92	271.16	33.58	3.8
*M2	0.0805114	8.396	1.290	1.088	1.15	8.49	6.84	300.16	11.06	42
L2	0.0820236	0.722	0.854	-0.002	0.85	124.36	95.19	109.43	102.74	0.72
S2	0.0833333	1.729	1.459	-0.228	1.03	7.61	33.64	332.55	49.72	1.4
ETA2	0.0850736	0.736	0.981	-0.569	1.01	64.69	112.56	183.45	110.30	0.56
*MO3	0.1192421	0.436	0.306	-0.231	0.37	106.77	94.23	217.62	81.42	2
M3	0.1207671	0.403	0.348	-0.124	0.36	28.04	66.57	321.97	61.57	1.3
MK3	0.1222921	0.490	0.361	-0.193	0.38	75.81	58.34	273.79	53.67	1.8
SK3	0.1251141	0.346	0.385	-0.053	0.34	90.35	73.36	280.79	78.47	0.81
MN4	0.1595106	0.404	0.339	-0.165	0.30	169.26	61.06	99.28	72.73	1.4
*M4	0.1610228	1.002	0.375	-0.274	0.32	4.32	20.40	317.04	24.76	7.1
SN4	0.1623326	0.112	0.222	-0.038	0.24	106.53	130.19	170.17	161.42	0.26
MS4	0.1638447	0.236	0.287	-0.019	0.24	164.97	78.94	199.03	101.85	0.68
S4	0.1666667	0.075	0.245	0.013	0.22	2.75	106.60	131.18	189.93	0.093
2MK5	0.2028035	0.115	0.157	-0.054	0.15	169.20	100.13	224.67	121.86	0.53
2SK5	0.2084474	0.106	0.177	-0.067	0.18	60.45	121.43	144.29	125.56	0.36
*2MN6	0.2400221	0.554	0.190	-0.102	0.20	41.52	20.99	296.50	23.04	8.5
*M6	0.2415342	0.531	0.193	0.013	0.20	59.23	21.01	351.05	23.76	7.6
*2MS6	0.2443561	0.225	0.154	-0.052	0.17	53.95	64.09	351.39	60.34	2.1
2SM6	0.2471781	0.086	0.155	0.030	0.13	29.86	123.36	331.22	135.50	0.31
3MK7	0.2833149	0.051	0.097	0.002	0.10	50.25	118.07	126.62	150.43	0.28
M8	0.3220456	0.107	0.086	-0.005	0.07	135.71	51.51	196.64	57.12	1.6

```
total var= 264.3219   pred var= 46.0859
percent total var predicted/var original= 17.4 %
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