```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6244.txt
date: 31-Oct-2003
nobs = 2510,  ngood = 2509,  record length (days) = 104.58
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= 0.496, x trend= 0

var(x)= 104.8981   var(xp)= 77.8652   var(xres)= 27.028
percent var predicted/var original= 74.2 %

y0= -0.047, x trend= 0

var(y)= 27.2488    var(yp)= 3.5647  var(yres)= 23.6611
percent var predicted/var original= 13.1 %

ellipse parameters with 95%% CI estimates
```

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.791	1.663	0.364	1.80	143.03	64.66	180.02	59.05	1.2
MSF	0.0028219	0.660	1.496	-0.242	1.41	108.03	89.22	13.79	162.09	0.2
ALP1	0.0343966	0.324	0.331	-0.024	0.24	158.02	65.28	172.58	76.76	0.96
2Q1	0.0357064	0.339	0.267	-0.100	0.30	91.21	88.98	331.57	70.67	1.6
Q1	0.0372185	0.349	0.324	-0.163	0.23	154.01	71.29	66.57	79.18	1.2
O1	0.0387307	0.435	0.359	0.123	0.33	10.13	51.46	307.50	61.93	1.5
*NO1	0.0402686	0.998	0.629	-0.828	0.66	46.31	89.90	103.16	92.61	2.5
*K1	0.0417807	1.169	0.376	-0.335	0.34	29.59	19.32	341.21	21.42	9.7
J1	0.0432929	0.308	0.311	-0.105	0.23	7.35	61.73	344.57	87.74	0.98
OO1	0.0448308	0.486	0.527	-0.329	0.43	34.48	85.04	12.01	97.67	0.85
*UPS1	0.0463430	0.622	0.415	-0.405	0.38	29.78	76.64	133.37	88.63	2.2
EPS2	0.0761773	0.197	0.441	0.035	0.43	39.35	83.41	112.47	176.74	0.2
MU2	0.0776895	0.930	0.834	-0.305	0.51	177.42	38.28	308.07	61.45	1.2
*N2	0.0789992	3.004	0.966	-0.310	0.62	13.66	11.38	220.69	15.07	9.7
*M2	0.0805114	12.037	0.698	-0.927	0.58	10.23	2.71	255.32	4.18	3e+002
*L2	0.0820236	0.954	0.672	0.036	0.45	21.68	32.76	328.46	39.01	2
*S2	0.0833333	1.204	0.768	0.251	0.56	13.44	29.74	308.69	46.55	2.5
ETA2	0.0850736	0.463	0.554	-0.068	0.53	135.82	90.34	259.34	117.71	0.7
MO3	0.1192421	0.447	0.318	-0.125	0.22	14.85	36.83	51.35	57.07	2
M3	0.1207671	0.187	0.265	-0.003	0.17	4.47	52.90	37.77	94.26	0.49
*MK3	0.1222921	0.545	0.313	-0.121	0.23	2.90	30.21	5.15	46.21	3
SK3	0.1251141	0.179	0.269	-0.162	0.25	24.49	97.71	58.22	163.49	0.44
MN4	0.1595106	0.330	0.354	0.006	0.28	43.24	58.03	210.65	60.22	0.87
M4	0.1610228	0.432	0.385	0.048	0.25	6.33	37.61	236.70	62.72	1.3
SN4	0.1623326	0.366	0.309	-0.086	0.29	32.54	53.40	277.69	70.57	1.4
MS4	0.1638447	0.158	0.294	-0.112	0.26	131.85	117.02	71.35	146.02	0.29
S4	0.1666667	0.116	0.282	0.044	0.25	76.01	125.13	168.27	154.65	0.17
2MK5	0.2028035	0.134	0.167	0.065	0.15	166.56	64.28	291.93	129.55	0.65
2SK5	0.2084474	0.053	0.144	-0.015	0.13	77.10	133.90	90.64	158.65	0.14
2MN6	0.2400221	0.157	0.168	0.071	0.17	50.96	87.90	103.58	80.52	0.87
*M6	0.2415342	0.337	0.174	-0.080	0.17	44.16	36.22	141.47	37.10	3.8
2MS6	0.2443561	0.174	0.136	-0.056	0.19	83.83	101.79	195.59	70.31	1.6
2SM6	0.2471781	0.037	0.132	-0.005	0.12	72.66	119.51	201.34	188.19	0.079
3MK7	0.2833149	0.123	0.105	0.017	0.13	126.75	70.85	144.22	67.24	1.4
*M8	0.3220456	0.244	0.081	0.014	0.07	33.18	18.64	244.29	21.27	9.1

```
total var= 132.1469   pred var= 81.4299
percent total var predicted/var original= 61.6 %
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