```
file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5161.txt
date: 31-Oct-2003
nobs = 3592,  ngood = 3045,  record length (days) = 149.67
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= -0.652, x trend= 0

var(x)= 42.9288   var(xp)= 24.0408   var(xres)= 18.83
percent var predicted/var original= 56.0 %

y0= 0.364, x trend= 0

var(y)= 10.5264    var(yp)= 0.54338  var(yres)= 9.9774
percent var predicted/var original= 5.2 %

ellipse parameters with 95%% CI estimates
```

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.364	1.508	0.004	1.35	136.36	70.83	276.74	83.39	0.82
MSF	0.0028219	1.315	1.648	-0.483	1.37	152.56	74.84	106.87	103.56	0.64
ALP1	0.0343966	0.323	0.411	-0.157	0.32	140.27	82.05	170.33	113.42	0.62
2Q1	0.0357064	0.282	0.440	-0.053	0.30	159.66	59.52	14.14	143.18	0.41
Q1	0.0372185	0.403	0.451	-0.056	0.37	147.95	54.83	45.05	76.44	0.8
O1	0.0387307	0.222	0.390	-0.071	0.35	105.54	128.93	55.22	104.96	0.33
NO1	0.0402686	0.550	0.864	0.008	0.64	155.83	60.15	141.40	133.78	0.41
K1	0.0417807	0.585	0.557	-0.099	0.33	173.15	35.09	149.62	64.24	1.1
J1	0.0432929	0.377	0.360	0.078	0.35	127.58	73.34	105.77	66.08	1.1
OO1	0.0448308	0.261	0.534	-0.141	0.42	131.09	90.42	227.70	157.54	0.24
UPS1	0.0463430	0.222	0.489	0.090	0.41	31.80	57.46	316.45	152.11	0.21
EPS2	0.0761773	0.427	0.391	-0.014	0.26	163.74	39.36	90.19	62.08	1.2
MU2	0.0776895	0.161	0.350	-0.078	0.27	138.20	102.40	61.47	160.45	0.21
*N2	0.0789992	1.499	0.473	0.209	0.32	169.71	13.50	7.38	16.46	10
*M2	0.0805114	6.577	0.470	0.741	0.32	176.25	3.31	252.32	4.53	2e+002
L2	0.0820236	0.420	0.366	0.088	0.28	0.45	44.32	14.41	61.93	1.3
*S2	0.0833333	1.247	0.545	0.199	0.31	168.40	16.32	288.28	23.57	5.2
ETA2	0.0850736	0.140	0.316	0.095	0.27	72.02	138.11	124.52	163.44	0.2
MO3	0.1192421	0.187	0.189	-0.043	0.19	116.76	85.64	46.14	86.70	0.99
M3	0.1207671	0.179	0.184	0.028	0.19	119.86	76.28	155.95	77.87	0.94
MK3	0.1222921	0.103	0.155	-0.023	0.18	44.05	99.62	306.95	123.28	0.45
SK3	0.1251141	0.155	0.184	-0.085	0.17	179.65	106.91	79.98	146.07	0.71
MN4	0.1595106	0.283	0.202	0.033	0.16	147.96	38.30	144.84	50.39	2
*M4	0.1610228	0.584	0.229	-0.176	0.15	166.10	20.03	10.69	24.80	6.5
SN4	0.1623326	0.083	0.155	-0.020	0.14	107.22	132.68	207.69	120.39	0.29
*MS4	0.1638447	0.288	0.178	-0.127	0.18	158.21	46.16	86.93	57.45	2.6
S4	0.1666667	0.147	0.198	-0.017	0.15	179.13	69.33	142.43	103.28	0.55
2MK5	0.2028035	0.017	0.120	0.003	0.10	169.63	121.50	57.59	227.51	0.02
2SK5	0.2084474	0.093	0.141	0.050	0.13	2.91	84.13	33.16	122.80	0.43
*2MN6	0.2400221	0.275	0.137	-0.027	0.12	21.73	23.72	128.71	27.50	4
*M6	0.2415342	0.565	0.128	0.019	0.11	20.12	11.43	20.99	12.03	20
2MS6	0.2443561	0.119	0.129	0.031	0.10	13.26	56.03	76.75	71.26	0.84
2SM6	0.2471781	0.064	0.101	-0.028	0.09	169.68	103.84	165.20	114.58	0.41
3MK7	0.2833149	0.059	0.084	-0.000	0.07	8.46	89.74	122.76	103.06	0.5
M8	0.3220456	0.083	0.063	0.019	0.06	154.95	51.93	1.85	60.64	1.7

```
total var= 53.4552   pred var= 24.5842
percent total var predicted/var original= 46.0 %
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