file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5162_5.txt
date: 31-Oct-2003
nobs = 3046, ngood = 3045, record length (days) = 126.92
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= 0.00357, x trend= 0

var(x)= 140.408   var(xp)= 66.0442   var(xres)= 74.6105
percent var predicted/var original= 47.0 %

y0= -2.17, x trend= 0

var(y)= 138.9175   var(yp)= 5.1735 var(yres)= 133.9228
percent var predicted/var original= 3.7 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.906	3.261	-0.186	2.55	78.34	70.98	300.03	148.19	0.34
MSF	0.0028219	4.803	4.709	0.561	3.19	97.14	41.13	312.40	64.34	1
ALP1	0.0343966	1.096	0.818	-0.689	0.89	79.92	90.15	48.47	74.08	1.8
2Q1	0.0357064	0.414	0.784	-0.315	0.69	94.58	156.81	97.42	146.22	0.28
Q1	0.0372185	0.623	0.817	-0.121	0.82	119.18	119.64	156.83	121.81	0.58
O1	0.0387307	0.613	0.826	-0.415	0.76	126.64	116.20	167.71	117.45	0.55
NO1	0.0402686	0.909	1.685	-0.077	1.65	170.29	105.28	352.86	128.33	0.29
*K1	0.0417807	1.816	0.973	-0.731	0.95	110.89	45.16	151.96	42.07	3.5
*J1	0.0432929	1.732	0.792	-0.949	1.00	102.73	55.39	85.22	50.13	4.8
OO1	0.0448308	1.641	1.528	-0.695	1.29	147.63	71.01	240.84	82.69	1.2
UPS1	0.0463430	0.347	1.013	-0.094	0.90	61.24	132.48	304.06	173.24	0.12
EPS2	0.0761773	0.813	0.892	-0.153	0.87	54.73	69.82	110.87	82.66	0.83
MU2	0.0776895	0.966	0.936	-0.435	0.84	115.74	72.72	175.73	91.04	1.1
*N2	0.0789992	2.382	1.137	-0.282	1.05	17.76	30.27	166.77	28.71	4.4
*M2	0.0805114	10.810	1.099	-0.887	1.40	8.05	7.24	102.57	5.75	97
*L2	0.0820236	1.223	0.741	-0.492	0.87	150.91	72.89	227.59	57.59	2.7
*S2	0.0833333	1.903	1.076	-0.419	1.27	7.71	44.43	346.02	38.28	3.1
ETA2	0.0850736	0.649	0.862	-0.333	0.87	57.56	98.24	245.87	122.55	0.57
MO3	0.1192421	0.317	0.373	0.148	0.36	33.63	96.41	40.58	106.61	0.72
M3	0.1207671	0.194	0.297	0.077	0.33	121.30	97.17	40.75	149.82	0.43
MK3	0.1222921	0.371	0.403	-0.216	0.34	75.26	83.43	69.43	111.83	0.85
SK3	0.1251141	0.325	0.345	-0.029	0.36	163.53	91.79	198.93	82.07	0.89
MN4	0.1595106	0.354	0.291	-0.078	0.31	26.78	71.41	18.43	63.56	1.5
*M4	0.1610228	0.740	0.343	-0.192	0.36	20.45	34.75	269.78	31.69	4.7
SN4	0.1623326	0.311	0.294	-0.165	0.27	2.43	103.91	332.60	102.91	1.1
MS4	0.1638447	0.094	0.254	-0.007	0.26	8.53	126.62	175.03	176.55	0.14
S4	0.1666667	0.230	0.256	0.009	0.29	33.18	113.59	148.99	103.49	0.8
2MK5	0.2028035	0.203	0.170	-0.078	0.17	56.16	80.84	295.41	73.90	1.4
2SK5	0.2084474	0.199	0.185	-0.039	0.17	15.99	50.08	91.43	84.45	1.2
*2MN6	0.2400221	0.527	0.166	-0.056	0.16	38.33	21.48	158.53	23.27	10
*M6	0.2415342	0.661	0.194	0.068	0.20	37.29	16.38	84.03	16.93	12
*2MS6	0.2443561	0.270	0.190	0.044	0.18	15.62	47.58	310.23	47.05	2
2SM6	0.2471781	0.129	0.146	0.013	0.15	32.63	89.19	230.11	100.05	0.78
3MK7	0.2833149	0.108	0.144	0.050	0.12	161.21	101.98	191.38	107.97	0.56
M8	0.3220456	0.204	0.145	0.009	0.13	175.26	37.63	143.47	37.44	2

total var= 279.3255   pred var= 71.2178
percent total var predicted/var original= 25.5 %