file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5402_1.txt
date: 31-Oct-2003
nobs = 3192, ngood = 3190, record length (days) = 133.00
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= 0.23, x trend= 0

var(x)= 100.8348   var(xp)= 74.2296   var(xres)= 26.5521
percent var predicted/var original= 73.6 %

y0= 0.862, x trend= 0

var(y)= 53.538   var(yp)= 6.247 var(yres)= 47.2929
percent var predicted/var original= 11.7 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.238	1.940	0.142	1.01	88.09	22.00	31.69	51.39	1.3
MSF	0.0028219	0.674	1.069	-0.099	1.00	152.10	77.46	118.48	123.49	0.4
ALP1	0.0343966	0.425	0.408	-0.093	0.41	105.13	78.38	359.07	95.41	1.1
2Q1	0.0357064	0.201	0.394	0.108	0.35	145.01	120.29	227.49	153.05	0.26
Q1	0.0372185	0.330	0.445	0.168	0.46	162.92	120.29	0.46	97.99	0.55
*O1	0.0387307	0.826	0.470	-0.143	0.51	69.54	40.64	239.19	47.98	3.1
NO1	0.0402686	0.834	0.876	-0.411	0.93	28.38	104.16	344.43	102.07	0.91
K1	0.0417807	0.427	0.461	0.151	0.52	25.76	82.40	225.97	89.76	0.86
J1	0.0432929	0.277	0.444	-0.215	0.43	131.20	118.52	164.22	154.02	0.39
OO1	0.0448308	0.799	0.686	-0.455	0.79	154.05	89.14	94.42	89.48	1.4
UPS1	0.0463430	0.412	0.558	-0.157	0.49	63.37	108.03	224.61	112.51	0.55
EPS2	0.0761773	0.318	0.279	-0.218	0.33	21.10	96.06	88.61	111.44	1.3
MU2	0.0776895	0.213	0.308	0.146	0.29	95.51	139.79	164.28	119.95	0.48
*N2	0.0789992	2.659	0.428	0.026	0.33	13.85	8.21	268.76	10.27	39
*M2	0.0805114	11.879	0.434	-0.946	0.38	15.29	1.95	66.83	2.42	7.5e+002
*L2	0.0820236	0.570	0.330	-0.014	0.26	17.01	30.55	248.36	33.91	3
*S2	0.0833333	1.930	0.461	0.036	0.36	10.66	10.02	15.91	13.11	18
ETA2	0.0850736	0.136	0.311	0.044	0.29	173.58	116.85	352.60	153.87	0.19
MO3	0.1192421	0.101	0.132	-0.056	0.14	69.47	94.31	70.63	122.86	0.58
M3	0.1207671	0.122	0.134	-0.009	0.12	76.22	72.76	312.64	92.33	0.84
MK3	0.1222921	0.100	0.122	-0.016	0.11	10.36	114.29	70.04	100.64	0.67
*SK3	0.1251141	0.237	0.137	-0.074	0.16	176.88	54.81	306.37	48.13	3
MN4	0.1595106	0.163	0.122	-0.043	0.12	33.18	53.85	77.85	49.26	1.8
*M4	0.1610228	0.409	0.132	-0.008	0.12	49.57	18.36	209.69	20.57	9.6
SN4	0.1623326	0.054	0.087	0.008	0.10	108.20	110.62	80.35	160.42	0.38
*MS4	0.1638447	0.260	0.124	-0.108	0.13	34.40	39.76	183.90	43.14	4.4
S4	0.1666667	0.115	0.126	-0.027	0.12	110.07	84.52	149.32	97.84	0.84
2MK5	0.2028035	0.095	0.085	0.035	0.08	43.75	79.27	300.67	88.54	1.2
2SK5	0.2084474	0.101	0.099	-0.007	0.10	179.35	73.46	65.15	76.68	1
*2MN6	0.2400221	0.271	0.095	0.037	0.11	50.74	22.10	170.05	20.18	8.2
*M6	0.2415342	0.483	0.111	0.091	0.10	34.80	10.81	316.65	15.02	19
*2MS6	0.2443561	0.188	0.100	-0.016	0.10	54.35	34.72	287.92	29.92	3.5
2SM6	0.2471781	0.050	0.074	-0.022	0.08	134.34	107.21	48.70	129.38	0.46
3MK7	0.2833149	0.037	0.064	0.012	0.05	49.43	113.37	212.38	134.63	0.32
M8	0.3220456	0.059	0.047	-0.048	0.05	156.70	106.41	9.38	114.20	1.6

total var= 154.3728   pred var= 80.4766
percent total var predicted/var original= 52.1 %