file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6251_15.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)= 43.6472   var(xres)= 79.4002
percent var predicted/var original= 35.5 %

y0= 2.47, x trend= 0

var(y)= 141.2565   var(yp)= 3.2932 var(yres)= 138.0107
percent var predicted/var original= 2.3 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.204	4.073	-0.694	1.74	100.95	37.23	294.80	199.45	0.087
MSF	0.0028219	1.779	3.544	-0.197	2.30	135.47	48.93	257.63	153.99	0.25
ALP1	0.0343966	0.467	0.639	-0.156	0.69	12.17	113.34	125.96	115.55	0.53
2Q1	0.0357064	0.382	0.643	-0.107	0.59	44.24	105.90	323.69	126.78	0.35
Q1	0.0372185	0.426	0.640	-0.263	0.75	132.29	121.79	347.02	144.55	0.44
O1	0.0387307	0.599	0.642	-0.226	0.70	153.62	92.17	194.72	107.82	0.87
NO1	0.0402686	1.873	1.652	-0.512	1.71	172.06	65.02	213.45	62.61	1.3
*K1	0.0417807	1.900	0.769	-0.933	0.71	143.71	40.64	139.83	36.91	6.1
J1	0.0432929	0.507	0.655	0.032	0.69	134.08	89.02	176.90	95.60	0.6
OO1	0.0448308	0.283	0.849	0.147	0.78	133.27	130.92	288.67	184.19	0.11
UPS1	0.0463430	0.866	0.796	-0.219	0.84	81.47	82.74	344.21	84.30	1.2
EPS2	0.0761773	0.819	1.002	-0.426	0.89	160.18	95.05	117.55	116.70	0.67
*MU2	0.0776895	1.769	1.047	-0.998	1.10	9.95	61.73	283.54	68.75	2.9
*N2	0.0789992	2.783	1.499	-0.503	1.16	10.53	24.51	271.16	29.19	3.4
*M2	0.0805114	8.396	1.449	1.088	1.16	8.49	8.34	300.16	11.34	34
L2	0.0820236	0.722	0.831	-0.002	0.90	124.36	90.68	109.43	82.41	0.76
*S2	0.0833333	1.729	1.177	-0.228	1.05	7.61	39.58	332.55	52.67	2.2
ETA2	0.0850736	0.736	1.048	-0.569	1.12	64.69	127.16	183.45	128.89	0.49
MO3	0.1192421	0.436	0.362	-0.231	0.37	106.77	81.49	217.62	88.10	1.4
M3	0.1207671	0.403	0.328	-0.124	0.29	28.04	67.47	321.97	63.77	1.5
MK3	0.1222921	0.490	0.372	-0.193	0.34	75.81	67.82	273.79	73.57	1.7
SK3	0.1251141	0.346	0.384	-0.053	0.36	90.35	84.96	280.79	68.57	0.81
MN4	0.1595106	0.404	0.337	-0.165	0.26	169.26	62.44	99.28	69.88	1.4
*M4	0.1610228	1.002	0.381	-0.274	0.32	4.32	21.22	317.04	21.02	6.9
SN4	0.1623326	0.112	0.258	-0.038	0.26	106.53	134.07	170.17	181.76	0.19
MS4	0.1638447	0.236	0.300	-0.019	0.25	164.97	77.44	199.03	102.08	0.62
S4	0.1666667	0.075	0.219	0.013	0.26	2.75	109.20	131.18	211.92	0.12
2MK5	0.2028035	0.115	0.179	-0.054	0.15	169.20	112.19	224.67	133.94	0.41
2SK5	0.2084474	0.106	0.155	-0.067	0.16	60.45	128.71	144.29	118.95	0.47
*2MN6	0.2400221	0.554	0.210	-0.102	0.18	41.52	22.06	296.50	20.58	7
*M6	0.2415342	0.531	0.227	0.013	0.18	59.23	20.80	351.05	22.56	5.5
2MS6	0.2443561	0.225	0.184	-0.052	0.16	53.95	57.05	351.39	53.24	1.5
2SM6	0.2471781	0.086	0.160	0.030	0.14	29.86	129.01	331.22	145.54	0.29
3MK7	0.2833149	0.051	0.104	0.002	0.11	50.25	124.62	126.62	149.21	0.24
M8	0.3220456	0.107	0.087	-0.005	0.08	135.71	47.18	196.64	52.77	1.5

total var= 264.3219   pred var= 46.9403
percent total var predicted/var original= 17.8 %