file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6651_1.txt
date: 31-Oct-2003
nobs = 2541, ngood = 2532, record length (days) = 105.88
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= -1.9, x trend= 0

var(x)= 31.6082   var(xp)= 0.78679   var(xres)= 30.8289
percent var predicted/var original= 2.5 %

y0= 0.299, x trend= 0

var(y)= 95.3344   var(yp)= 74.4952 var(yres)= 20.9034
percent var predicted/var original= 78.1 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.126	2.167	0.065	1.95	139.93	50.16	299.15	72.19	0.96
MSF	0.0028219	0.890	2.193	-0.015	1.18	8.36	55.99	322.01	169.69	0.16
ALP1	0.0343966	0.407	0.456	0.108	0.44	144.19	82.85	31.18	86.26	0.8
2Q1	0.0357064	0.307	0.389	-0.120	0.38	90.64	117.50	354.30	96.97	0.62
Q1	0.0372185	0.374	0.402	-0.098	0.41	162.02	83.12	9.77	86.59	0.86
*O1	0.0387307	0.768	0.512	0.157	0.50	102.80	48.93	320.75	49.49	2.2
NO1	0.0402686	0.999	0.940	-0.054	1.11	133.33	86.33	189.80	74.04	1.1
*K1	0.0417807	0.826	0.414	-0.115	0.51	101.37	40.60	333.15	40.87	4
J1	0.0432929	0.353	0.425	-0.111	0.38	51.28	90.80	206.30	96.03	0.69
OO1	0.0448308	0.711	0.751	-0.491	0.65	177.80	95.97	94.31	111.25	0.9
UPS1	0.0463430	0.647	0.522	0.000	0.59	172.03	57.52	37.99	67.02	1.5
EPS2	0.0761773	0.195	0.366	-0.181	0.33	10.15	91.50	168.98	192.44	0.29
MU2	0.0776895	0.459	0.352	-0.167	0.42	124.82	80.32	151.79	66.23	1.7
*N2	0.0789992	2.007	0.337	0.075	0.61	89.92	20.13	161.40	11.37	35
*M2	0.0805114	11.744	0.368	-0.847	0.63	89.81	3.25	84.56	1.58	1e+003
L2	0.0820236	0.387	0.312	0.163	0.37	60.68	94.87	346.67	70.17	1.5
*S2	0.0833333	1.309	0.366	0.076	0.58	78.30	26.83	104.64	16.22	13
ETA2	0.0850736	0.361	0.412	-0.005	0.35	136.46	72.41	135.78	71.14	0.77
MO3	0.1192421	0.163	0.199	-0.121	0.19	121.50	130.71	10.70	122.63	0.66
M3	0.1207671	0.086	0.150	0.032	0.15	70.45	122.01	280.31	138.14	0.33
MK3	0.1222921	0.153	0.177	0.005	0.20	121.57	99.85	334.65	90.67	0.75
SK3	0.1251141	0.090	0.161	0.033	0.15	162.59	82.21	22.30	145.21	0.31
*MN4	0.1595106	0.366	0.224	0.046	0.21	132.80	42.79	162.54	38.80	2.7
*M4	0.1610228	0.918	0.198	-0.017	0.23	140.62	12.70	82.44	11.51	21
SN4	0.1623326	0.145	0.179	-0.007	0.18	26.64	99.79	96.24	116.41	0.66
MS4	0.1638447	0.128	0.179	-0.007	0.19	136.58	103.90	147.30	103.14	0.51
S4	0.1666667	0.147	0.201	-0.000	0.17	127.26	92.45	28.27	94.25	0.54
2MK5	0.2028035	0.115	0.131	-0.009	0.13	52.10	85.49	306.88	97.77	0.77
2SK5	0.2084474	0.114	0.127	-0.068	0.12	77.97	85.89	205.92	109.06	0.81
*2MN6	0.2400221	0.266	0.175	0.015	0.17	109.47	41.88	76.46	46.17	2.3
*M6	0.2415342	0.509	0.160	0.094	0.18	113.67	19.57	29.44	22.92	10
2MS6	0.2443561	0.174	0.158	0.029	0.15	124.34	64.92	34.62	71.01	1.2
2SM6	0.2471781	0.121	0.150	0.064	0.16	132.32	104.99	65.88	122.41	0.65
3MK7	0.2833149	0.148	0.108	-0.070	0.10	130.44	60.07	12.48	63.64	1.9
M8	0.3220456	0.087	0.073	-0.028	0.06	168.58	64.11	124.80	75.02	1.4

total var= 126.9426   pred var= 75.282
percent total var predicted/var original= 59.3 %