file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6401_1.txt
date: 31-Oct-2003
nobs = 3044, ngood = 3029, record length (days) = 126.83
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= 2.27, x trend= 0

var(x)= 44.2037   var(xp)= 3.4606   var(xres)= 40.6975
percent var predicted/var original= 7.8 %

y0= -3.21, x trend= 0

var(y)= 112.6165   var(yp)= 32.8011 var(yres)= 79.8641
percent var predicted/var original= 29.1 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.982	3.171	0.092	2.94	121.96	58.92	33.25	95.95	0.88
MSF	0.0028219	2.371	2.704	-0.445	2.54	109.74	61.51	49.77	115.69	0.77
ALP1	0.0343966	0.358	0.660	0.036	0.53	85.45	70.01	78.71	150.46	0.29
2Q1	0.0357064	0.698	0.738	-0.066	0.57	99.19	51.23	131.60	77.01	0.9
Q1	0.0372185	0.363	0.624	-0.085	0.52	89.51	71.68	57.79	160.37	0.34
O1	0.0387307	0.445	0.708	0.219	0.57	135.88	89.75	178.26	128.29	0.4
NO1	0.0402686	0.863	1.358	0.471	1.15	50.46	94.53	75.85	123.92	0.4
K1	0.0417807	0.818	0.840	-0.379	0.57	78.25	54.36	132.03	88.16	0.95
J1	0.0432929	0.517	0.645	-0.163	0.45	101.58	56.31	68.77	111.45	0.64
OO1	0.0448308	0.779	0.975	0.147	0.95	139.57	91.80	275.78	95.63	0.64
UPS1	0.0463430	0.394	0.753	-0.037	0.75	23.99	123.21	69.47	133.41	0.27
EPS2	0.0761773	0.418	0.477	-0.171	0.46	92.97	96.61	116.22	108.25	0.77
MU2	0.0776895	0.479	0.582	-0.267	0.50	74.86	89.91	174.07	103.89	0.68
*N2	0.0789992	1.898	0.704	0.009	0.67	73.05	22.54	149.49	23.97	7.3
*M2	0.0805114	7.889	0.755	0.473	0.61	73.45	5.02	139.45	5.26	1.1e+002
*L2	0.0820236	1.075	0.531	-0.665	0.47	63.10	56.68	136.33	62.06	4.1
*S2	0.0833333	1.397	0.724	0.447	0.65	72.16	32.12	194.37	38.67	3.7
ETA2	0.0850736	0.495	0.599	-0.323	0.56	156.17	117.18	130.05	116.77	0.68
MO3	0.1192421	0.138	0.228	-0.029	0.23	50.31	117.73	139.26	155.37	0.36
M3	0.1207671	0.184	0.232	0.091	0.22	56.35	116.37	201.60	120.73	0.63
MK3	0.1222921	0.329	0.289	-0.233	0.30	114.42	100.75	265.45	96.01	1.3
SK3	0.1251141	0.177	0.278	0.087	0.23	170.25	122.21	299.17	141.26	0.4
MN4	0.1595106	0.191	0.180	-0.046	0.17	95.45	72.58	359.04	81.64	1.1
*M4	0.1610228	0.389	0.203	0.000	0.20	135.60	32.56	6.38	29.97	3.7
SN4	0.1623326	0.170	0.191	-0.055	0.18	107.24	79.40	64.26	90.17	0.8
*MS4	0.1638447	0.342	0.196	-0.050	0.21	113.79	33.57	50.76	40.96	3
S4	0.1666667	0.177	0.180	0.011	0.19	107.58	74.47	107.15	85.15	0.96
*2MK5	0.2028035	0.201	0.129	-0.051	0.13	135.43	51.70	202.05	51.88	2.4
2SK5	0.2084474	0.106	0.125	-0.071	0.13	9.92	126.86	311.10	122.94	0.72
*2MN6	0.2400221	0.430	0.129	-0.083	0.10	119.15	19.00	137.34	21.74	11
*M6	0.2415342	0.737	0.155	-0.020	0.10	112.24	9.34	137.25	11.01	22
*2MS6	0.2443561	0.232	0.133	0.009	0.11	109.88	28.08	188.93	31.63	3
2SM6	0.2471781	0.098	0.106	0.018	0.10	107.16	76.80	198.56	99.73	0.85
3MK7	0.2833149	0.044	0.067	-0.009	0.07	62.68	95.51	2.67	139.81	0.42
M8	0.3220456	0.023	0.056	-0.001	0.05	64.47	128.72	334.18	167.11	0.16

total var= 156.8201   pred var= 36.2617
percent total var predicted/var original= 23.1 %