file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6451_5.txt
date: 31-Oct-2003
nobs = 3672, ngood = 3628, record length (days) = 153.00
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= -1.54, x trend= 0

var(x)= 93.0685   var(xp)= 41.9871   var(xres)= 51.065
percent var predicted/var original= 45.1 %

y0= -0.353, x trend= 0

var(y)= 130.2599   var(yp)= 4.7214 var(yres)= 125.618
percent var predicted/var original= 3.6 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.401	1.499	-0.262	1.18	152.85	72.14	291.12	241.40	0.072
MSF	0.0028219	1.667	2.069	0.559	1.33	72.89	50.69	355.27	95.42	0.65
ALP1	0.0343966	0.249	0.569	0.097	0.55	39.92	109.84	273.18	178.43	0.19
2Q1	0.0357064	0.534	0.708	0.123	0.66	126.21	78.22	76.11	102.25	0.57
Q1	0.0372185	0.435	0.609	-0.163	0.73	128.24	107.71	277.70	122.29	0.51
O1	0.0387307	0.996	0.794	-0.358	0.74	90.40	66.93	177.16	79.46	1.6
NO1	0.0402686	1.380	1.838	-0.752	1.45	68.41	80.40	63.88	111.91	0.56
*K1	0.0417807	1.728	1.010	0.357	0.76	106.74	31.26	108.07	36.23	2.9
J1	0.0432929	0.520	0.750	0.110	0.70	65.32	77.09	92.34	115.22	0.48
OO1	0.0448308	0.406	0.958	0.023	0.92	160.12	128.53	170.01	137.68	0.18
UPS1	0.0463430	0.466	0.845	-0.183	0.75	154.20	128.90	250.69	145.58	0.3
EPS2	0.0761773	0.295	0.849	-0.089	0.80	102.74	116.27	259.86	195.46	0.12
MU2	0.0776895	0.717	1.020	0.105	0.88	45.14	107.89	182.45	122.29	0.49
*N2	0.0789992	2.003	1.179	0.120	1.43	2.31	44.03	94.22	37.11	2.9
*M2	0.0805114	8.444	1.207	-1.700	1.40	174.42	10.08	1.62	8.58	49
L2	0.0820236	0.492	0.761	-0.132	0.71	63.74	102.23	134.48	141.67	0.42
*S2	0.0833333	1.971	1.061	-1.276	1.26	29.02	71.53	322.69	65.98	3.5
ETA2	0.0850736	0.654	1.013	-0.010	1.11	106.85	99.85	161.77	127.01	0.42
MO3	0.1192421	0.380	0.447	-0.228	0.44	120.58	94.24	125.87	118.03	0.72
M3	0.1207671	0.355	0.414	0.129	0.42	128.65	91.90	14.82	100.79	0.74
*MK3	0.1222921	0.813	0.482	-0.010	0.50	139.06	37.57	8.23	41.45	2.8
SK3	0.1251141	0.378	0.501	0.147	0.41	108.58	64.13	210.85	101.06	0.57
MN4	0.1595106	0.433	0.391	-0.157	0.40	56.63	74.81	211.70	91.31	1.2
M4	0.1610228	0.570	0.475	-0.160	0.49	70.44	58.83	21.87	59.20	1.4
SN4	0.1623326	0.234	0.346	0.150	0.37	121.29	105.79	235.72	167.92	0.46
MS4	0.1638447	0.645	0.511	0.056	0.42	106.44	42.90	209.14	51.41	1.6
S4	0.1666667	0.305	0.430	0.159	0.45	130.13	103.55	98.65	118.27	0.5
*2MK5	0.2028035	0.700	0.346	-0.042	0.23	93.75	18.69	232.62	29.01	4.1
2SK5	0.2084474	0.123	0.235	-0.093	0.21	135.52	109.14	98.33	135.14	0.28
*2MN6	0.2400221	0.355	0.226	0.063	0.27	169.95	55.05	47.72	48.58	2.5
*M6	0.2415342	0.578	0.223	0.282	0.27	21.74	41.32	10.26	31.88	6.7
2MS6	0.2443561	0.108	0.204	0.043	0.20	35.50	107.71	173.87	135.72	0.28
2SM6	0.2471781	0.110	0.221	0.088	0.18	158.99	121.39	244.70	149.08	0.25
3MK7	0.2833149	0.228	0.178	-0.047	0.21	49.16	58.10	121.22	55.48	1.7
*M8	0.3220456	0.237	0.151	0.043	0.11	72.46	33.82	353.63	48.40	2.5

total var= 223.3284   pred var= 46.7085
percent total var predicted/var original= 20.9 %