file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6451_15.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)= 41.9852 var(xres)= 51.0689
percent var predicted/var original= 45.1 %

y0= -0.353, x trend= 0

var(y)= 130.2599 var(yp)= 4.6903 var(yres)= 125.6483
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	1.540	-0.262	1.23	152.85	74.29	291.12	201.73	0.068
MSF	0.0028219	1.667	1.895	0.559	1.49	72.89	60.03	355.27	101.45	0.77
ALP1	0.0343966	0.249	0.626	0.097	0.59	39.92	105.29	273.18	173.27	0.16
2Q1	0.0357064	0.534	0.748	0.123	0.70	126.21	92.19	76.11	113.37	0.51
Q1	0.0372185	0.435	0.710	-0.163	0.62	128.24	95.87	277.70	135.63	0.37
O1	0.0387307	0.996	0.938	-0.358	0.74	90.40	50.20	177.16	76.36	1.1
NO1	0.0402686	1.380	1.588	-0.752	1.38	68.41	80.40	63.88	92.46	0.76
*K1	0.0417807	1.728	0.904	0.357	0.73	106.74	27.57	108.07	32.69	3.7
J1	0.0432929	0.520	0.666	0.110	0.65	65.32	84.68	92.34	121.14	0.61
OO1	0.0448308	0.406	0.775	0.023	0.83	160.12	136.02	170.01	152.68	0.27
UPS1	0.0463430	0.466	0.830	-0.183	0.80	154.20	118.74	250.69	147.93	0.31
EPS2	0.0761773	0.295	0.825	-0.089	0.86	102.74	95.18	259.86	187.28	0.13
MU2	0.0776895	0.717	1.012	0.105	0.85	45.14	109.48	182.45	111.86	0.5
*N2	0.0789992	2.003	1.168	0.120	1.27	2.31	42.55	94.22	36.26	2.9
*M2	0.0805114	8.444	1.398	-1.700	1.27	174.42	10.32	1.62	9.59	36
L2	0.0820236	0.492	0.715	-0.132	0.69	63.74	96.61	134.48	128.87	0.47
*S2	0.0833333	1.971	1.067	-1.276	1.14	29.02	74.13	322.69	72.28	3.4
ETA2	0.0850736	0.654	1.037	-0.010	1.03	106.85	87.48	161.77	138.90	0.4
MO3	0.1192421	0.380	0.528	-0.228	0.41	120.58	93.70	125.87	115.03	0.52
M3	0.1207671	0.355	0.389	0.129	0.43	128.65	93.20	14.82	116.42	0.83
*MK3	0.1222921	0.813	0.449	-0.010	0.49	139.06	36.56	8.23	36.05	3.3
SK3	0.1251141	0.378	0.485	0.147	0.39	108.58	75.36	210.85	114.06	0.61
MN4	0.1595106	0.433	0.449	-0.157	0.46	56.63	72.03	211.70	77.98	0.93
M4	0.1610228	0.570	0.508	-0.160	0.41	70.44	52.21	21.87	61.60	1.3
SN4	0.1623326	0.234	0.422	0.150	0.38	121.29	107.22	235.72	153.94	0.31
MS4	0.1638447	0.645	0.538	0.056	0.45	106.44	41.63	209.14	45.40	1.4
S4	0.1666667	0.305	0.419	0.159	0.39	130.13	109.04	98.65	133.21	0.53
*2MK5	0.2028035	0.700	0.323	-0.042	0.19	93.75	19.14	232.62	26.75	4.7
2SK5	0.2084474	0.123	0.203	-0.093	0.21	135.52	90.77	98.33	161.02	0.37
*2MN6	0.2400221	0.355	0.189	0.063	0.28	169.95	60.64	47.72	41.29	3.5
*M6	0.2415342	0.578	0.203	0.282	0.26	21.74	37.96	10.26	37.17	8.1
2MS6	0.2443561	0.108	0.207	0.043	0.17	35.50	111.12	173.87	140.24	0.27
2SM6	0.2471781	0.110	0.189	0.088	0.19	158.99	136.11	244.70	179.54	0.34
3MK7	0.2833149	0.228	0.178	-0.047	0.16	49.16	53.01	121.22	52.02	1.6
M8	0.3220456	0.237	0.177	0.043	0.12	72.46	31.48	353.63	47.27	1.8

total var= 223.3284 pred var= 46.6755
percent total var predicted/var original= 20.9 %