file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6471_10.txt
date: 31-Oct-2003
nobs = 3809, ngood = 3805, record length (days) = 158.71
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= -0.841, x trend= 0

var(x)= 55.7663   var(xp)= 25.5116   var(xres)= 30.376
percent var predicted/var original= 45.7 %

y0= 1.48, x trend= 0

var(y)= 79.099   var(yp)= 34.5553 var(yres)= 44.491
percent var predicted/var original= 43.7 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.345	1.426	-0.024	0.89	139.92	50.19	321.31	230.75	0.059
MSF	0.0028219	1.195	1.929	-0.188	1.05	74.77	41.62	220.57	118.16	0.38
ALP1	0.0343966	0.274	0.483	-0.007	0.50	125.50	98.67	354.04	136.05	0.32
2Q1	0.0357064	0.216	0.439	-0.138	0.43	107.85	116.14	144.74	158.45	0.24
Q1	0.0372185	0.204	0.477	-0.185	0.50	166.00	149.10	172.50	175.58	0.18
O1	0.0387307	0.381	0.533	0.078	0.44	39.90	101.76	155.23	106.92	0.51
NO1	0.0402686	0.574	0.939	0.225	0.98	34.37	122.06	73.13	146.41	0.37
*K1	0.0417807	0.960	0.611	0.092	0.55	118.36	38.19	312.53	43.59	2.5
J1	0.0432929	0.086	0.406	0.038	0.39	162.95	138.47	146.37	192.19	0.045
OO1	0.0448308	0.430	0.627	0.004	0.60	125.59	107.02	9.72	137.39	0.47
*UPS1	0.0463430	0.922	0.648	-0.677	0.67	107.57	83.75	227.89	90.93	2
EPS2	0.0761773	0.774	0.665	-0.266	0.51	170.26	41.06	19.68	60.18	1.4
*MU2	0.0776895	0.946	0.536	-0.525	0.68	76.52	68.79	243.72	57.25	3.1
*N2	0.0789992	2.795	0.642	-0.371	0.83	58.89	17.68	263.88	15.60	19
*M2	0.0805114	10.013	0.601	-0.076	0.81	48.46	3.84	13.00	3.90	2.8e+002
*L2	0.0820236	1.549	0.595	-0.794	0.56	35.84	31.87	163.79	36.82	6.8
S2	0.0833333	1.091	0.820	0.386	0.58	25.06	41.60	147.54	56.83	1.8
ETA2	0.0850736	0.380	0.581	-0.186	0.52	10.27	71.24	244.72	133.27	0.43
MO3	0.1192421	0.263	0.309	0.006	0.28	34.44	75.84	310.94	75.94	0.72
M3	0.1207671	0.193	0.304	0.057	0.27	66.48	78.47	315.82	108.21	0.4
MK3	0.1222921	0.230	0.265	-0.111	0.28	62.22	108.81	349.97	105.92	0.75
SK3	0.1251141	0.155	0.255	0.099	0.25	84.15	110.76	124.41	149.68	0.37
MN4	0.1595106	0.284	0.257	0.063	0.25	72.61	69.71	277.99	70.34	1.2
*M4	0.1610228	0.611	0.274	0.104	0.29	142.23	29.38	78.24	29.68	5
SN4	0.1623326	0.162	0.235	0.009	0.22	41.45	113.83	124.51	117.70	0.48
MS4	0.1638447	0.191	0.238	-0.109	0.25	126.80	106.02	302.26	112.37	0.64
S4	0.1666667	0.114	0.203	-0.034	0.23	72.79	127.29	121.57	132.85	0.32
2MK5	0.2028035	0.196	0.178	-0.061	0.17	89.19	79.86	195.48	81.22	1.2
2SK5	0.2084474	0.120	0.184	-0.054	0.17	164.74	99.75	164.22	122.94	0.43
*2MN6	0.2400221	0.582	0.208	-0.134	0.22	82.48	23.33	345.68	24.11	7.8
*M6	0.2415342	0.741	0.197	-0.061	0.21	81.83	17.75	99.70	14.13	14
2MS6	0.2443561	0.274	0.199	-0.090	0.19	74.15	63.52	299.49	64.77	1.9
2SM6	0.2471781	0.089	0.169	-0.041	0.15	104.54	122.05	116.51	128.32	0.28
3MK7	0.2833149	0.037	0.120	-0.004	0.11	0.35	111.41	248.26	195.90	0.096
M8	0.3220456	0.045	0.080	-0.007	0.07	67.48	124.28	341.03	130.69	0.32

total var= 134.8653   pred var= 60.0669
percent total var predicted/var original= 44.5 %