file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6831_15.txt
date: 31-Oct-2003
nobs = 2492, ngood = 2471, record length (days) = 103.83
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= 0.493, x trend= 0

var(x)= 108.7145   var(xp)= 71.7334   var(xres)= 37.1687
percent var predicted/var original= 66.0 %

y0= -2.35, x trend= 0

var(y)= 63.8156   var(yp)= 5.5939 var(yres)= 58.1738
percent var predicted/var original= 8.8 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.845	2.075	-0.270	2.06	116.26	40.58	155.53	48.68	1.9
MSF	0.0028219	0.640	1.467	0.256	1.36	119.36	119.20	25.73	204.69	0.19
ALP1	0.0343966	0.626	0.807	-0.448	0.95	175.79	137.78	35.78	111.61	0.6
2Q1	0.0357064	0.465	0.672	-0.299	0.70	20.28	131.28	228.44	138.27	0.48
Q1	0.0372185	0.666	0.759	-0.189	0.71	108.87	81.52	12.07	89.99	0.77
*O1	0.0387307	1.243	0.787	-0.295	0.93	13.51	57.98	322.14	50.03	2.5
NO1	0.0402686	0.495	1.489	-0.087	1.42	32.36	119.84	106.57	193.98	0.11
*K1	0.0417807	1.778	0.995	-0.564	0.88	135.63	41.65	181.97	40.86	3.2
J1	0.0432929	0.764	0.783	-0.435	0.78	131.26	82.35	84.67	89.84	0.95
OO1	0.0448308	1.159	1.209	-1.073	1.09	59.60	116.33	262.72	129.37	0.92
UPS1	0.0463430	0.733	1.060	-0.417	0.94	27.97	114.30	32.27	125.27	0.48
EPS2	0.0761773	0.291	0.454	0.042	0.49	145.95	113.54	181.74	142.58	0.41
MU2	0.0776895	0.303	0.544	-0.081	0.48	8.73	122.51	11.51	126.48	0.31
*N2	0.0789992	2.730	0.579	-0.419	0.66	7.27	14.48	17.43	14.49	22
*M2	0.0805114	11.421	0.728	-0.694	0.71	13.75	3.44	356.96	3.68	2.5e+002
*L2	0.0820236	0.915	0.553	-0.254	0.55	14.37	43.50	319.64	44.15	2.7
*S2	0.0833333	2.377	0.593	0.310	0.63	6.44	16.34	326.12	17.36	16
ETA2	0.0850736	0.311	0.497	-0.026	0.53	46.91	111.43	181.88	145.48	0.39
MO3	0.1192421	0.364	0.268	-0.046	0.29	64.85	56.46	327.83	52.30	1.9
M3	0.1207671	0.147	0.236	0.015	0.18	6.23	106.41	76.35	108.59	0.39
MK3	0.1222921	0.266	0.229	-0.061	0.25	70.05	84.22	130.10	84.17	1.4
SK3	0.1251141	0.193	0.262	0.067	0.25	134.29	100.91	49.04	101.19	0.55
*MN4	0.1595106	0.561	0.268	-0.200	0.23	62.97	34.77	93.76	33.87	4.4
*M4	0.1610228	0.622	0.270	-0.167	0.23	63.44	26.73	85.59	27.31	5.3
SN4	0.1623326	0.163	0.189	0.083	0.18	53.55	91.23	193.44	118.60	0.75
*MS4	0.1638447	0.359	0.214	0.004	0.25	41.00	39.70	39.17	44.90	2.8
S4	0.1666667	0.110	0.202	0.064	0.19	41.92	120.92	17.72	154.56	0.29
2MK5	0.2028035	0.140	0.140	-0.017	0.16	116.53	77.98	349.30	81.86	1
2SK5	0.2084474	0.106	0.143	0.012	0.14	109.55	113.40	215.22	120.89	0.54
*2MN6	0.2400221	0.445	0.161	0.074	0.16	29.90	25.93	118.38	20.09	7.6
*M6	0.2415342	0.460	0.173	0.163	0.16	44.01	26.74	129.37	24.97	7
2MS6	0.2443561	0.237	0.168	0.103	0.14	30.59	60.04	98.33	46.27	2
2SM6	0.2471781	0.131	0.145	-0.022	0.13	30.88	88.09	52.60	87.22	0.82
3MK7	0.2833149	0.072	0.113	-0.017	0.11	45.65	104.62	133.29	122.96	0.41
M8	0.3220456	0.075	0.081	0.037	0.07	31.50	87.46	234.05	95.01	0.86

total var= 172.5301   pred var= 77.3273
percent total var predicted/var original= 44.8 %