file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c3971.txt
date: 31-Oct-2003
nobs = 2679, ngood = 2679, record length (days) = 111.63
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= 0.485, x trend= 0

var(x)= 109.7276   var(xp)= 62.1779   var(xres)= 47.5863
percent var predicted/var original= 56.7 %

y0= 0.786, x trend= 0

var(y)= 99.8819   var(yp)= 4.8696 var(yres)= 95.1742
percent var predicted/var original= 4.9 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	3.297	3.419	-1.739	2.36	80.02	50.54	179.05	96.04	0.93
MSF	0.0028219	0.656	2.902	-0.148	2.13	148.14	66.85	21.49	206.73	0.051
ALP1	0.0343966	0.405	0.709	0.134	0.54	94.02	87.25	238.06	138.06	0.33
2Q1	0.0357064	0.367	0.685	-0.019	0.57	168.49	138.98	96.99	116.26	0.29
Q1	0.0372185	0.172	0.619	0.102	0.60	141.93	117.53	92.96	164.34	0.077
O1	0.0387307	1.140	0.824	-0.599	0.82	22.39	78.91	218.17	62.29	1.9
NO1	0.0402686	1.594	1.510	-0.521	1.67	1.91	104.07	211.53	71.63	1.1
*K1	0.0417807	1.546	0.796	-0.978	0.69	128.21	56.29	67.49	64.01	3.8
J1	0.0432929	0.607	0.683	-0.253	0.59	110.53	72.46	49.45	107.64	0.79
OO1	0.0448308	1.304	1.106	-0.418	1.21	159.95	75.91	188.61	69.78	1.4
UPS1	0.0463430	0.890	0.937	-0.742	0.88	46.75	122.40	159.21	123.62	0.9
EPS2	0.0761773	0.389	0.613	0.009	0.57	72.41	91.95	81.14	139.19	0.4
MU2	0.0776895	0.835	0.721	-0.579	0.60	103.21	90.47	9.96	97.91	1.3
*N2	0.0789992	2.682	0.725	0.310	0.88	178.94	20.28	169.66	16.51	14
*M2	0.0805114	10.706	0.782	-0.880	1.02	13.46	5.63	119.73	4.11	1.9e+002
L2	0.0820236	0.576	0.562	-0.309	0.54	165.50	94.47	70.73	94.96	1.1
*S2	0.0833333	1.955	0.726	0.076	1.00	17.99	25.87	112.18	23.63	7.2
ETA2	0.0850736	0.160	0.661	-0.123	0.60	178.44	149.18	148.95	184.64	0.058
MO3	0.1192421	0.157	0.250	0.047	0.25	89.95	76.33	76.71	133.47	0.39
M3	0.1207671	0.279	0.236	-0.009	0.25	127.22	64.98	217.79	73.92	1.4
MK3	0.1222921	0.225	0.303	-0.093	0.22	85.57	59.99	43.49	92.78	0.55
SK3	0.1251141	0.255	0.281	-0.142	0.25	53.15	79.08	197.54	92.94	0.83
MN4	0.1595106	0.192	0.207	-0.021	0.19	10.62	75.11	178.63	68.21	0.86
*M4	0.1610228	0.672	0.196	-0.417	0.20	7.49	35.78	339.48	34.59	12
SN4	0.1623326	0.124	0.164	-0.010	0.17	5.97	88.39	200.87	106.37	0.57
*MS4	0.1638447	0.298	0.186	-0.208	0.17	25.29	85.81	8.24	94.89	2.6
S4	0.1666667	0.169	0.187	-0.070	0.18	107.29	85.34	336.71	96.54	0.81
2MK5	0.2028035	0.094	0.120	0.046	0.11	34.59	117.39	343.45	129.99	0.61
2SK5	0.2084474	0.069	0.130	-0.057	0.14	34.63	121.32	137.90	166.34	0.29
*2MN6	0.2400221	0.215	0.126	-0.001	0.13	59.44	32.43	344.41	32.25	2.9
*M6	0.2415342	0.508	0.117	0.055	0.12	47.80	14.81	129.48	14.21	19
*2MS6	0.2443561	0.176	0.098	-0.016	0.10	54.96	47.76	139.69	47.63	3.2
2SM6	0.2471781	0.102	0.106	-0.059	0.11	8.23	100.08	109.02	111.37	0.94
3MK7	0.2833149	0.067	0.081	-0.012	0.08	56.76	77.68	357.05	92.39	0.69
M8	0.3220456	0.076	0.067	0.022	0.06	3.00	52.60	14.94	60.67	1.3

total var= 209.6095   pred var= 67.0475
percent total var predicted/var original= 32.0 %