file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6112.txt
date: 31-Oct-2003
nobs = 2005, ngood = 2005, record length (days) = 83.54
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= -3.04, x trend= 0

var(x)= 7.9057   var(xp)= 4.8358   var(xres)= 3.0925
percent var predicted/var original= 61.2 %

y0= -0.48, x trend= 0

var(y)= 24.7405   var(yp)= 12.0794 var(yres)= 12.7714
percent var predicted/var original= 48.8 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.165	1.803	0.066	0.39	90.58	9.22	345.30	47.89	1.4
MSF	0.0028219	0.605	1.173	-0.131	0.46	104.92	24.44	63.12	157.87	0.27
ALP1	0.0343966	0.244	0.409	0.129	0.28	93.12	56.28	308.49	137.36	0.36
2Q1	0.0357064	0.341	0.428	-0.131	0.26	107.80	52.37	357.63	106.40	0.63
Q1	0.0372185	0.173	0.370	-0.008	0.26	92.58	47.41	298.93	170.32	0.22
O1	0.0387307	0.261	0.365	-0.000	0.30	118.70	52.48	133.10	117.31	0.51
NO1	0.0402686	0.302	0.735	-0.195	0.56	115.30	61.85	201.85	185.70	0.17
K1	0.0417807	0.660	0.568	-0.030	0.30	118.09	33.01	228.03	48.10	1.3
J1	0.0432929	0.137	0.336	0.090	0.24	138.20	71.79	354.36	201.00	0.17
OO1	0.0448308	0.660	0.788	-0.186	0.43	98.55	34.61	53.85	78.40	0.7
UPS1	0.0463430	0.498	0.628	-0.146	0.35	93.06	37.19	49.66	91.68	0.63
EPS2	0.0761773	0.159	0.250	0.135	0.24	111.38	101.73	304.54	167.29	0.41
MU2	0.0776895	0.244	0.283	-0.095	0.26	113.34	64.33	8.47	106.57	0.74
*N2	0.0789992	0.969	0.342	0.111	0.27	120.10	18.78	102.15	22.95	8
*M2	0.0805114	5.368	0.349	0.895	0.34	120.86	3.14	155.00	3.89	2.4e+002
L2	0.0820236	0.336	0.322	0.017	0.21	117.41	41.76	222.03	53.02	1.1
*S2	0.0833333	1.116	0.393	0.045	0.30	131.10	16.44	111.59	20.28	8.1
ETA2	0.0850736	0.223	0.312	0.024	0.25	118.24	68.29	227.44	108.12	0.51
MO3	0.1192421	0.188	0.197	-0.008	0.14	84.25	42.16	150.59	75.32	0.91
M3	0.1207671	0.022	0.106	0.008	0.11	173.95	118.10	41.45	243.09	0.044
MK3	0.1222921	0.111	0.145	-0.066	0.12	149.80	102.17	71.08	104.42	0.59
SK3	0.1251141	0.143	0.145	0.034	0.15	141.09	73.69	36.26	102.95	0.98
MN4	0.1595106	0.112	0.130	-0.042	0.12	147.53	85.79	109.18	90.21	0.74
*M4	0.1610228	0.397	0.156	-0.168	0.15	126.72	29.76	196.45	33.74	6.5
SN4	0.1623326	0.189	0.156	-0.039	0.12	118.34	46.26	94.06	64.18	1.5
MS4	0.1638447	0.162	0.116	-0.031	0.14	172.62	86.61	70.78	58.98	1.9
S4	0.1666667	0.113	0.148	-0.049	0.11	57.86	77.17	352.48	118.02	0.58
2MK5	0.2028035	0.064	0.096	-0.016	0.09	6.97	85.37	104.64	122.09	0.44
2SK5	0.2084474	0.048	0.089	-0.027	0.09	129.29	141.94	247.11	160.71	0.29
2MN6	0.2400221	0.130	0.097	-0.001	0.10	150.25	65.99	217.77	60.68	1.8
*M6	0.2415342	0.383	0.118	0.008	0.14	148.04	19.50	287.58	16.53	11
*2MS6	0.2443561	0.204	0.114	-0.008	0.12	127.52	32.78	213.10	36.61	3.2
2SM6	0.2471781	0.046	0.083	0.017	0.10	150.91	136.48	73.71	140.41	0.31
3MK7	0.2833149	0.036	0.056	-0.025	0.06	23.79	118.84	220.88	129.52	0.4
M8	0.3220456	0.030	0.052	-0.025	0.05	55.03	118.10	16.90	136.18	0.34

total var= 32.6463   pred var= 16.9151
percent total var predicted/var original= 51.8 %