file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6123.txt
date: 31-Oct-2003
nobs = 2013, ngood = 2013, record length (days) = 83.88
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= -0.046, x trend= 0

var(x)= 65.3148   var(xp)= 47.2187   var(xres)= 18.4114
percent var predicted/var original= 72.3 %

y0= -0.678, x trend= 0

var(y)= 17.7545   var(yp)= 4.3676 var(yres)= 13.494
percent var predicted/var original= 24.6 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
*MM	0.0015122	3.540	1.491	0.002	1.46	132.58	23.84	351.53	27.31	5.6
MSF	0.0028219	0.895	1.236	0.013	1.13	153.78	82.21	70.64	106.96	0.52
ALP1	0.0343966	0.213	0.482	-0.128	0.48	95.51	137.55	36.46	179.37	0.2
2Q1	0.0357064	0.433	0.647	-0.349	0.57	42.39	123.62	116.69	127.83	0.45
Q1	0.0372185	0.167	0.530	-0.035	0.52	37.37	127.64	30.44	183.75	0.099
O1	0.0387307	0.331	0.572	0.146	0.57	24.06	132.33	357.93	147.73	0.33
NO1	0.0402686	1.029	1.208	-0.266	1.18	44.87	99.79	305.50	111.38	0.73
K1	0.0417807	0.905	0.728	-0.425	0.64	178.76	70.44	228.50	63.65	1.5
J1	0.0432929	0.301	0.535	0.029	0.56	147.81	118.59	21.94	150.57	0.32
OO1	0.0448308	0.772	0.877	-0.123	0.95	174.41	100.70	36.71	98.68	0.78
UPS1	0.0463430	0.554	0.787	-0.105	0.65	150.38	103.92	43.93	116.18	0.5
EPS2	0.0761773	0.340	0.386	0.074	0.35	175.36	73.24	23.25	93.16	0.78
MU2	0.0776895	0.341	0.376	-0.007	0.34	59.62	86.76	120.07	93.88	0.83
*N2	0.0789992	1.591	0.532	-0.056	0.43	0.34	17.97	282.63	18.04	8.9
*M2	0.0805114	8.860	0.540	0.478	0.48	7.17	3.15	357.73	3.43	2.7e+002
L2	0.0820236	0.295	0.380	-0.021	0.32	155.32	84.33	158.27	87.14	0.6
*S2	0.0833333	2.036	0.491	0.032	0.47	15.18	12.27	296.32	13.58	17
ETA2	0.0850736	0.268	0.350	-0.039	0.37	54.71	109.19	49.89	105.80	0.59
MO3	0.1192421	0.263	0.275	-0.109	0.26	138.25	83.79	127.14	99.39	0.92
M3	0.1207671	0.033	0.243	0.010	0.20	132.42	69.24	47.96	229.84	0.018
MK3	0.1222921	0.267	0.254	-0.029	0.31	103.82	112.02	195.63	68.65	1.1
SK3	0.1251141	0.118	0.283	-0.007	0.19	4.54	58.97	171.40	182.81	0.18
MN4	0.1595106	0.244	0.197	-0.052	0.20	11.48	66.64	312.49	60.29	1.5
*M4	0.1610228	0.597	0.259	-0.129	0.26	172.79	25.50	202.66	25.98	5.3
SN4	0.1623326	0.280	0.231	-0.005	0.23	22.19	55.07	240.94	60.29	1.5
MS4	0.1638447	0.219	0.220	-0.060	0.21	154.15	82.54	123.89	71.88	1
S4	0.1666667	0.096	0.175	-0.010	0.16	114.22	120.40	328.46	158.90	0.3
2MK5	0.2028035	0.107	0.146	-0.032	0.13	89.44	100.65	52.05	109.17	0.54
2SK5	0.2084474	0.103	0.141	-0.062	0.14	11.03	116.28	73.95	133.08	0.54
2MN6	0.2400221	0.186	0.149	0.079	0.14	69.45	76.33	40.72	64.79	1.6
*M6	0.2415342	0.354	0.159	0.020	0.17	35.11	25.93	99.63	28.61	4.9
2MS6	0.2443561	0.210	0.159	0.081	0.15	22.98	53.74	37.66	62.77	1.8
2SM6	0.2471781	0.149	0.148	-0.034	0.14	32.98	65.41	198.29	76.00	1
3MK7	0.2833149	0.069	0.086	-0.005	0.09	133.50	84.89	281.29	89.73	0.65
M8	0.3220456	0.078	0.068	-0.018	0.07	63.97	76.14	43.54	67.63	1.3

total var= 83.0692   pred var= 51.5863
percent total var predicted/var original= 62.1 %