file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c3842.txt
date: 31-Oct-2003
nobs = 2736, ngood = 2735, record length (days) = 114.00
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= 0.633, x trend= 0

var(x)= 89.849   var(xp)= 66.2113   var(xres)= 23.3872
percent var predicted/var original= 73.7 %

y0= -0.292, x trend= 0

var(y)= 18.8407   var(yp)= 1.1882 var(yres)= 17.6589
percent var predicted/var original= 6.3 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.051	1.645	-0.312	1.15	121.77	57.86	280.06	119.63	0.41
MSF	0.0028219	0.695	1.742	-0.596	1.00	107.81	77.51	187.15	162.92	0.16
ALP1	0.0343966	0.257	0.316	-0.113	0.35	49.26	96.85	120.52	125.01	0.66
2Q1	0.0357064	0.241	0.342	-0.027	0.31	161.01	93.64	71.60	95.05	0.5
Q1	0.0372185	0.216	0.342	-0.062	0.35	146.54	118.52	90.04	127.84	0.4
O1	0.0387307	0.393	0.345	-0.187	0.41	12.29	90.17	100.81	81.45	1.3
NO1	0.0402686	0.324	0.698	-0.269	0.70	43.28	137.90	321.66	175.36	0.22
*K1	0.0417807	0.709	0.389	-0.168	0.40	71.39	39.89	246.34	36.57	3.3
J1	0.0432929	0.294	0.327	0.009	0.34	73.15	82.94	326.46	92.22	0.81
OO1	0.0448308	0.414	0.464	-0.156	0.41	138.85	97.53	13.81	107.20	0.79
UPS1	0.0463430	0.441	0.440	-0.271	0.40	116.00	81.04	188.89	99.57	1
EPS2	0.0761773	0.572	0.630	-0.291	0.58	148.54	64.55	101.28	102.45	0.83
MU2	0.0776895	0.329	0.595	-0.186	0.44	165.19	95.68	162.39	140.56	0.31
*N2	0.0789992	2.626	0.948	-0.069	0.55	4.10	12.22	220.16	20.72	7.7
*M2	0.0805114	10.771	0.883	-0.566	0.55	5.32	2.92	302.65	4.56	1.5e+002
*L2	0.0820236	0.966	0.679	-0.258	0.50	161.94	33.87	248.37	51.19	2
*S2	0.0833333	1.728	0.983	-0.142	0.54	6.42	19.89	145.53	29.64	3.1
ETA2	0.0850736	0.517	0.648	-0.081	0.47	175.53	70.36	48.14	148.55	0.64
MO3	0.1192421	0.167	0.202	-0.090	0.17	7.13	70.05	217.33	111.68	0.68
M3	0.1207671	0.243	0.191	-0.144	0.18	170.92	66.17	58.46	101.81	1.6
MK3	0.1222921	0.191	0.196	0.004	0.16	12.35	53.97	239.14	80.07	0.95
SK3	0.1251141	0.102	0.187	-0.023	0.15	135.49	90.91	74.15	134.76	0.3
MN4	0.1595106	0.391	0.298	-0.010	0.33	41.62	47.44	314.32	51.22	1.7
*M4	0.1610228	0.521	0.227	0.080	0.39	109.34	44.67	54.59	30.26	5.3
SN4	0.1623326	0.253	0.311	0.013	0.27	141.15	76.37	58.73	86.04	0.66
MS4	0.1638447	0.225	0.281	-0.110	0.26	113.94	111.47	255.14	102.23	0.64
S4	0.1666667	0.084	0.259	-0.038	0.19	119.27	95.01	332.50	180.87	0.11
2MK5	0.2028035	0.144	0.124	-0.020	0.13	44.88	64.01	74.74	72.39	1.4
2SK5	0.2084474	0.162	0.175	0.025	0.10	172.36	40.26	172.23	68.03	0.85
*2MN6	0.2400221	0.363	0.183	-0.040	0.14	28.84	22.05	175.79	28.45	4
*M6	0.2415342	0.269	0.162	0.031	0.14	14.98	33.48	279.95	33.91	2.8
2MS6	0.2443561	0.130	0.140	0.021	0.12	21.68	63.73	88.81	88.16	0.86
2SM6	0.2471781	0.036	0.108	-0.003	0.09	111.16	131.62	167.63	193.09	0.11
3MK7	0.2833149	0.087	0.078	0.014	0.11	77.35	103.47	340.31	74.57	1.2
M8	0.3220456	0.071	0.066	-0.004	0.06	44.93	61.66	90.87	65.81	1.2

total var= 108.6897   pred var= 67.3995
percent total var predicted/var original= 62.0 %