file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6894.txt
date: 31-Oct-2003
nobs = 3455, ngood = 3455, record length (days) = 143.96
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= 0.321, x trend= 0

var(x)= 82.1192   var(xp)= 54.0694   var(xres)= 28.2429
percent var predicted/var original= 65.8 %

y0= 0.416, x trend= 0

var(y)= 23.5323   var(yp)= 2.6642 var(yres)= 20.857
percent var predicted/var original= 11.3 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
*MM	0.0015122	2.311	1.558	-0.287	1.54	139.47	46.32	96.02	44.89	2.2
MSF	0.0028219	1.591	1.361	-0.002	1.48	97.68	69.29	246.27	73.31	1.4
ALP1	0.0343966	0.210	0.271	-0.111	0.26	124.17	100.58	296.53	118.53	0.6
2Q1	0.0357064	0.300	0.264	-0.027	0.28	103.00	83.81	5.77	67.30	1.3
Q1	0.0372185	0.128	0.227	-0.035	0.20	60.81	129.49	38.37	157.79	0.32
O1	0.0387307	0.278	0.227	0.130	0.28	79.83	92.83	86.74	85.52	1.5
NO1	0.0402686	0.649	0.543	-0.586	0.54	9.63	106.16	218.06	121.17	1.4
*K1	0.0417807	0.762	0.324	-0.250	0.32	60.24	35.75	337.60	26.96	5.5
J1	0.0432929	0.325	0.266	-0.121	0.25	59.79	83.74	310.33	82.05	1.5
OO1	0.0448308	0.448	0.379	-0.389	0.36	53.76	136.33	213.19	121.76	1.4
UPS1	0.0463430	0.289	0.307	-0.092	0.28	169.70	74.09	215.97	99.64	0.88
EPS2	0.0761773	0.478	0.524	-0.368	0.50	162.54	100.64	5.35	136.68	0.83
MU2	0.0776895	0.663	0.649	-0.290	0.52	24.12	60.11	237.33	76.67	1
*N2	0.0789992	1.933	0.762	-0.059	0.55	17.73	15.91	272.55	24.74	6.4
*M2	0.0805114	9.709	0.787	-0.500	0.48	7.50	3.09	317.02	5.29	1.5e+002
*L2	0.0820236	1.463	0.739	-0.338	0.41	0.16	18.08	29.42	27.14	3.9
*S2	0.0833333	1.426	0.743	0.026	0.56	4.43	21.82	270.79	32.48	3.7
ETA2	0.0850736	0.285	0.504	-0.032	0.49	125.55	121.09	222.81	157.41	0.32
MO3	0.1192421	0.073	0.185	0.009	0.16	178.51	73.92	141.02	170.64	0.15
M3	0.1207671	0.226	0.231	0.059	0.16	177.66	52.53	156.44	87.96	0.96
MK3	0.1222921	0.329	0.275	-0.053	0.20	178.93	39.41	190.35	71.77	1.4
SK3	0.1251141	0.199	0.222	-0.022	0.17	29.48	55.42	26.11	88.27	0.8
MN4	0.1595106	0.390	0.313	0.050	0.20	163.70	29.09	68.74	52.51	1.6
*M4	0.1610228	0.524	0.301	0.117	0.21	158.85	25.29	133.54	40.18	3
SN4	0.1623326	0.225	0.275	-0.130	0.22	162.64	68.29	219.23	108.58	0.67
MS4	0.1638447	0.261	0.216	0.027	0.23	134.49	56.88	3.71	65.99	1.5
S4	0.1666667	0.164	0.244	-0.011	0.17	23.31	66.21	145.92	116.58	0.45
2MK5	0.2028035	0.109	0.139	-0.017	0.12	143.59	67.61	336.35	87.48	0.62
2SK5	0.2084474	0.121	0.156	-0.062	0.15	59.00	108.02	318.47	90.83	0.6
*2MN6	0.2400221	0.229	0.160	0.073	0.11	173.58	36.80	14.69	44.05	2
*M6	0.2415342	0.332	0.138	0.134	0.13	30.02	30.08	285.55	38.02	5.8
2MS6	0.2443561	0.113	0.122	0.048	0.11	124.08	87.14	320.15	87.82	0.86
2SM6	0.2471781	0.049	0.110	-0.000	0.10	134.03	98.36	231.23	147.83	0.19
3MK7	0.2833149	0.057	0.083	-0.004	0.07	176.06	72.76	158.12	113.81	0.47
M8	0.3220456	0.085	0.081	-0.003	0.06	6.28	46.24	89.34	58.07	1.1

total var= 105.6515   pred var= 56.7337
percent total var predicted/var original= 53.7 %