file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4082.txt
date: 31-Oct-2003
nobs = 1274, ngood = 1273, record length (days) = 53.08
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= -1.08, x trend= 0

var(x)= 53.3316   var(xp)= 43.6326   var(xres)= 10.1079
percent var predicted/var original= 81.8 %

y0= 1.21, x trend= 0

var(y)= 13.9444   var(yp)= 1.6207 var(yres)= 12.3653
percent var predicted/var original= 11.6 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.361	1.436	0.103	1.28	130.60	60.58	31.22	81.04	0.9
MSF	0.0028219	1.038	1.344	0.703	1.02	11.99	123.28	19.19	115.44	0.6
ALP1	0.0343966	0.169	0.420	-0.133	0.34	113.61	123.43	102.54	172.52	0.16
2Q1	0.0357064	0.540	0.456	-0.163	0.51	158.68	68.14	182.93	71.23	1.4
Q1	0.0372185	0.552	0.495	-0.124	0.47	162.28	65.38	273.23	66.53	1.2
*O1	0.0387307	0.789	0.442	-0.274	0.52	33.43	55.57	160.14	46.25	3.2
NO1	0.0402686	0.282	0.810	0.072	0.73	131.31	138.92	199.45	196.41	0.12
*K1	0.0417807	1.077	0.501	0.097	0.53	166.76	29.38	214.04	27.83	4.6
J1	0.0432929	0.328	0.404	-0.198	0.36	103.49	95.57	259.43	109.01	0.66
OO1	0.0448308	0.540	0.653	0.253	0.64	145.14	92.97	130.99	108.71	0.68
UPS1	0.0463430	0.202	0.428	-0.006	0.49	24.10	128.46	189.16	153.66	0.22
EPS2	0.0761773	0.278	0.344	-0.061	0.29	18.79	65.94	35.54	98.98	0.65
MU2	0.0776895	0.355	0.390	-0.129	0.33	11.98	61.35	97.46	92.17	0.82
*N2	0.0789992	1.542	0.505	0.358	0.36	14.31	14.74	114.88	19.09	9.3
*M2	0.0805114	8.907	0.502	-0.256	0.30	9.65	2.25	173.74	3.34	3.1e+002
L2	0.0820236	0.348	0.332	-0.161	0.30	135.28	73.02	16.06	81.55	1.1
*S2	0.0833333	1.708	0.545	-0.221	0.32	9.18	12.31	134.05	18.99	9.8
ETA2	0.0850736	0.317	0.381	0.216	0.38	34.59	100.77	12.55	134.06	0.69
*MO3	0.1192421	0.307	0.187	-0.113	0.21	139.44	48.73	303.18	58.65	2.7
M3	0.1207671	0.099	0.162	-0.005	0.15	22.78	98.20	124.79	158.09	0.37
*MK3	0.1222921	0.371	0.245	-0.072	0.19	9.98	37.44	150.45	47.14	2.3
SK3	0.1251141	0.247	0.212	-0.059	0.21	136.19	69.35	335.10	65.69	1.4
MN4	0.1595106	0.180	0.193	-0.025	0.18	63.32	72.56	199.25	88.84	0.87
M4	0.1610228	0.317	0.229	-0.162	0.22	174.39	59.05	243.48	71.15	1.9
*SN4	0.1623326	0.291	0.204	0.264	0.19	0.33	117.97	256.31	113.15	2
MS4	0.1638447	0.280	0.207	0.010	0.20	40.15	55.05	28.42	46.18	1.8
S4	0.1666667	0.103	0.189	0.053	0.17	90.91	121.14	67.01	133.25	0.3
2MK5	0.2028035	0.096	0.127	0.033	0.09	158.56	70.74	123.43	116.83	0.57
2SK5	0.2084474	0.102	0.129	0.000	0.10	18.89	57.40	16.36	89.31	0.62
2MN6	0.2400221	0.145	0.105	0.030	0.10	38.97	55.08	141.99	61.33	1.9
*M6	0.2415342	0.426	0.140	0.048	0.12	26.08	17.45	256.76	17.94	9.3
2MS6	0.2443561	0.142	0.122	0.025	0.13	49.92	70.90	223.97	55.22	1.4
2SM6	0.2471781	0.121	0.115	0.009	0.10	157.74	55.38	227.62	73.70	1.1
3MK7	0.2833149	0.091	0.096	-0.036	0.09	26.14	68.83	5.93	91.93	0.9
M8	0.3220456	0.059	0.053	-0.052	0.05	165.06	123.37	100.76	138.66	1.3

total var= 67.276   pred var= 45.2533
percent total var predicted/var original= 67.3 %