file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4212.txt
date: 31-Oct-2003
nobs = 2683, ngood = 2683, record length (days) = 111.79
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= -0.185, x trend= 0

var(x)= 86.2953   var(xp)= 66.7675   var(xres)= 19.4899
percent var predicted/var original= 77.4 %

y0= 0.532, x trend= 0

var(y)= 12.4096   var(yp)= 0.71021 var(yres)= 11.7005
percent var predicted/var original= 5.7 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.184	0.932	0.078	0.69	100.96	179.78	130.74	227.86	0.039
MSF	0.0028219	1.066	0.953	-0.269	0.98	140.33	67.50	190.15	80.35	1.3
ALP1	0.0343966	0.300	0.327	-0.038	0.26	159.35	56.32	291.28	79.69	0.84
2Q1	0.0357064	0.215	0.281	-0.089	0.23	25.68	77.57	119.12	118.18	0.59
Q1	0.0372185	0.256	0.307	-0.204	0.24	175.65	98.35	341.95	139.68	0.7
O1	0.0387307	0.326	0.303	0.054	0.28	54.98	79.68	118.11	72.29	1.2
NO1	0.0402686	0.441	0.542	-0.276	0.50	16.17	85.72	119.78	141.33	0.66
*K1	0.0417807	0.684	0.265	-0.289	0.39	97.62	45.95	278.02	36.52	6.7
J1	0.0432929	0.192	0.253	0.008	0.24	169.13	90.14	104.38	150.20	0.58
OO1	0.0448308	0.563	0.506	-0.237	0.32	168.59	55.69	33.08	76.59	1.2
UPS1	0.0463430	0.288	0.396	-0.061	0.33	37.99	73.22	248.81	88.08	0.53
EPS2	0.0761773	0.318	0.384	-0.121	0.39	126.00	94.77	222.16	106.74	0.68
*MU2	0.0776895	1.232	0.543	-0.404	0.45	160.86	27.00	96.81	37.71	5.1
*N2	0.0789992	2.825	0.709	-0.411	0.49	2.51	9.79	119.11	15.28	16
*M2	0.0805114	10.785	0.679	-0.295	0.49	1.66	2.52	311.58	3.22	2.5e+002
*L2	0.0820236	0.739	0.485	-0.159	0.40	167.74	33.19	358.39	49.83	2.3
*S2	0.0833333	1.624	0.594	0.016	0.53	11.97	16.11	248.03	23.68	7.5
ETA2	0.0850736	0.309	0.481	-0.135	0.38	27.27	78.80	249.00	129.19	0.41
MO3	0.1192421	0.230	0.219	-0.029	0.19	168.94	58.24	47.80	80.86	1.1
M3	0.1207671	0.139	0.170	-0.013	0.15	166.43	74.63	9.24	118.85	0.67
MK3	0.1222921	0.300	0.249	0.025	0.20	36.77	45.59	44.06	48.82	1.5
SK3	0.1251141	0.112	0.162	-0.038	0.18	122.15	127.25	334.62	134.43	0.48
MN4	0.1595106	0.292	0.281	-0.043	0.24	155.22	55.28	188.63	60.77	1.1
*M4	0.1610228	0.490	0.289	-0.053	0.27	153.21	34.55	47.15	36.24	2.9
SN4	0.1623326	0.345	0.311	0.049	0.24	170.19	48.08	110.20	65.11	1.2
MS4	0.1638447	0.276	0.243	-0.067	0.27	115.92	78.42	355.87	73.73	1.3
S4	0.1666667	0.108	0.215	0.037	0.21	167.00	107.97	251.53	188.96	0.25
2MK5	0.2028035	0.126	0.129	-0.043	0.12	39.86	89.26	122.48	91.81	0.96
2SK5	0.2084474	0.136	0.113	-0.042	0.13	28.03	98.54	215.13	84.06	1.4
2MN6	0.2400221	0.182	0.173	0.095	0.15	18.41	69.34	71.54	91.97	1.1
*M6	0.2415342	0.368	0.184	0.155	0.16	27.28	34.76	289.04	37.91	4
2MS6	0.2443561	0.212	0.170	-0.057	0.15	157.35	56.90	12.11	69.65	1.6
2SM6	0.2471781	0.067	0.142	0.012	0.14	75.05	132.01	54.61	125.11	0.22
3MK7	0.2833149	0.048	0.092	0.023	0.08	23.61	78.43	86.67	142.84	0.27
*M8	0.3220456	0.171	0.087	-0.016	0.07	173.50	20.28	208.26	32.56	3.9

total var= 98.7049   pred var= 67.4777
percent total var predicted/var original= 68.4 %