file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5912.txt
date: 31-Oct-2003
nobs = 815, ngood = 815, record length (days) = 33.96
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= -2.67, x trend= 0

var(x)= 27.1401   var(xp)= 16.501   var(xres)= 10.3994
percent var predicted/var original= 60.8 %

y0= 1.35, x trend= 0

var(y)= 4.5156   var(yp)= 1.2828 var(yres)= 3.3046
percent var predicted/var original= 28.4 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.031	1.661	0.107	0.76	155.71	22.72	12.90	50.89	1.5
*MSF	0.0028219	3.486	1.666	0.161	0.76	157.78	12.78	310.02	26.92	4.4
ALP1	0.0343966	0.243	0.665	0.029	0.37	120.33	49.84	181.94	168.77	0.13
2Q1	0.0357064	0.880	0.949	0.106	0.47	155.61	24.92	206.77	59.18	0.86
Q1	0.0372185	0.397	0.857	-0.144	0.34	7.13	29.68	257.85	137.75	0.21
O1	0.0387307	0.430	0.724	0.081	0.41	147.89	42.07	233.52	118.18	0.35
NO1	0.0402686	0.900	1.669	0.209	0.85	148.35	45.75	154.26	123.52	0.29
K1	0.0417807	0.165	0.721	-0.016	0.35	68.61	42.48	261.72	191.02	0.052
J1	0.0432929	0.507	0.804	0.003	0.35	162.63	25.86	238.50	120.88	0.4
OO1	0.0448308	0.352	0.998	0.068	0.70	79.41	69.69	51.96	147.48	0.12
UPS1	0.0463430	0.562	1.100	-0.015	0.52	147.17	38.89	186.02	116.36	0.26
EPS2	0.0761773	0.548	0.512	-0.176	0.55	121.29	92.41	230.29	67.30	1.1
*MU2	0.0776895	0.947	0.611	0.149	0.54	143.23	37.82	77.10	44.13	2.4
*N2	0.0789992	1.079	0.682	0.479	0.51	18.75	38.13	198.87	52.26	2.5
*M2	0.0805114	4.483	0.792	-0.071	0.49	176.94	7.45	162.98	10.76	32
L2	0.0820236	0.313	0.436	0.067	0.38	33.87	82.79	19.65	121.01	0.52
S2	0.0833333	0.713	0.586	0.262	0.57	145.03	70.07	345.45	80.44	1.5
ETA2	0.0850736	0.403	0.553	-0.160	0.50	148.40	90.50	227.46	126.82	0.53
MO3	0.1192421	0.185	0.276	0.062	0.19	81.00	91.64	193.49	110.36	0.45
M3	0.1207671	0.123	0.192	-0.029	0.19	81.90	98.27	28.26	142.49	0.41
MK3	0.1222921	0.073	0.214	0.018	0.19	88.35	101.05	214.36	197.71	0.12
SK3	0.1251141	0.218	0.234	-0.081	0.24	149.04	83.92	201.77	98.41	0.87
MN4	0.1595106	0.139	0.212	0.003	0.20	54.32	94.29	187.31	118.14	0.43
*M4	0.1610228	0.709	0.244	-0.177	0.29	179.77	22.83	169.23	27.02	8.5
SN4	0.1623326	0.324	0.260	0.002	0.24	120.82	55.87	337.06	53.96	1.5
*MS4	0.1638447	0.648	0.285	-0.215	0.26	166.33	31.36	108.83	28.78	5.2
S4	0.1666667	0.343	0.269	0.135	0.24	139.60	66.47	57.10	65.41	1.6
2MK5	0.2028035	0.154	0.195	-0.015	0.22	172.82	81.99	237.37	113.33	0.63
2SK5	0.2084474	0.041	0.168	-0.005	0.17	170.33	115.41	193.26	184.28	0.061
2MN6	0.2400221	0.156	0.180	0.056	0.16	19.28	65.15	330.26	114.41	0.75
*M6	0.2415342	0.437	0.217	-0.015	0.20	30.39	28.24	133.31	30.48	4.1
2MS6	0.2443561	0.085	0.143	0.014	0.13	29.85	87.58	39.37	167.94	0.35
2SM6	0.2471781	0.218	0.196	-0.019	0.17	159.42	52.67	23.62	69.06	1.2
3MK7	0.2833149	0.109	0.123	-0.022	0.11	154.86	77.06	136.51	90.81	0.79
M8	0.3220456	0.095	0.080	-0.007	0.09	80.53	89.02	143.25	63.02	1.4

total var= 31.6557   pred var= 17.7838
percent total var predicted/var original= 56.2 %