file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5072_1.txt
date: 31-Oct-2003
nobs = 3359, ngood = 3342, record length (days) = 139.96
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= 1.05, x trend= 0

var(x)= 88.8911   var(xp)= 66.5055   var(xres)= 22.2743
percent var predicted/var original= 74.8 %

y0= -1.2, x trend= 0

var(y)= 48.9789   var(yp)= 9.9143 var(yres)= 39.1126
percent var predicted/var original= 20.2 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.871	1.832	-0.356	0.69	84.95	22.80	159.31	71.38	1
MSF	0.0028219	0.446	1.224	-0.154	0.68	110.80	44.40	27.59	174.73	0.13
ALP1	0.0343966	0.280	0.353	-0.212	0.33	130.36	110.20	40.88	112.06	0.63
2Q1	0.0357064	0.248	0.329	-0.108	0.29	163.23	102.86	193.36	102.67	0.57
Q1	0.0372185	0.297	0.335	-0.028	0.31	62.39	81.06	86.42	80.71	0.79
O1	0.0387307	0.406	0.377	0.205	0.34	117.43	70.23	177.87	75.04	1.2
NO1	0.0402686	0.647	0.788	-0.074	0.72	166.41	84.97	343.98	91.44	0.67
*K1	0.0417807	0.551	0.332	-0.138	0.35	18.82	50.19	182.79	47.19	2.8
J1	0.0432929	0.377	0.336	-0.239	0.33	28.65	88.52	166.28	95.43	1.3
*OO1	0.0448308	0.806	0.562	-0.333	0.51	100.65	51.53	30.77	54.49	2.1
UPS1	0.0463430	0.333	0.401	-0.161	0.45	30.80	91.60	316.99	102.99	0.69
*EPS2	0.0761773	0.401	0.272	-0.317	0.23	147.53	102.98	176.40	97.33	2.2
MU2	0.0776895	0.321	0.276	-0.182	0.31	157.39	84.37	222.27	90.33	1.4
*N2	0.0789992	2.414	0.317	-0.099	0.35	15.19	7.37	318.63	7.60	58
*M2	0.0805114	11.663	0.307	-0.395	0.36	20.98	1.97	292.23	1.75	1.4e+003
L2	0.0820236	0.292	0.229	-0.080	0.22	80.86	65.20	348.20	64.41	1.6
*S2	0.0833333	1.952	0.319	-0.234	0.37	10.66	10.90	300.68	10.22	37
*ETA2	0.0850736	0.443	0.312	-0.232	0.30	57.15	72.01	235.20	74.85	2
MO3	0.1192421	0.107	0.128	-0.060	0.11	154.74	92.94	176.37	112.55	0.7
M3	0.1207671	0.048	0.122	-0.037	0.11	124.62	133.25	114.50	162.42	0.15
MK3	0.1222921	0.116	0.128	-0.034	0.14	84.25	99.76	243.05	81.95	0.81
SK3	0.1251141	0.092	0.122	0.056	0.11	127.37	107.81	280.04	124.01	0.56
*MN4	0.1595106	0.297	0.140	-0.108	0.14	14.77	41.38	356.05	37.46	4.5
*M4	0.1610228	0.610	0.147	-0.075	0.17	17.60	16.16	275.37	14.82	17
SN4	0.1623326	0.044	0.097	-0.006	0.10	54.61	118.64	186.50	212.74	0.2
*MS4	0.1638447	0.233	0.143	-0.042	0.16	17.26	48.28	314.95	43.95	2.7
*S4	0.1666667	0.238	0.162	-0.006	0.15	142.80	42.68	115.59	39.76	2.2
2MK5	0.2028035	0.175	0.143	-0.019	0.12	12.75	47.93	220.52	48.89	1.5
2SK5	0.2084474	0.118	0.130	-0.073	0.14	108.84	104.24	124.13	114.52	0.82
*2MN6	0.2400221	0.310	0.143	0.066	0.15	47.20	29.83	309.29	28.77	4.7
*M6	0.2415342	0.666	0.154	0.025	0.14	44.08	12.22	272.26	12.38	19
*2MS6	0.2443561	0.289	0.138	-0.106	0.14	45.45	44.70	321.75	38.68	4.3
2SM6	0.2471781	0.093	0.124	-0.005	0.12	151.39	79.25	96.38	124.61	0.56
3MK7	0.2833149	0.074	0.097	0.008	0.09	56.12	93.06	288.21	103.12	0.58
M8	0.3220456	0.080	0.095	-0.038	0.10	34.23	82.18	270.46	95.31	0.72

total var= 137.87   pred var= 76.4199
percent total var predicted/var original= 55.4 %