file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5072_5.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)= 66.3767   var(xres)= 22.3607
percent var predicted/var original= 74.7 %

y0= -1.2, x trend= 0

var(y)= 48.9789   var(yp)= 9.8801 var(yres)= 39.1848
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	1.774	-0.356	0.70	84.95	22.19	159.31	57.65	1.1
MSF	0.0028219	0.446	1.200	-0.154	0.56	110.80	35.45	27.59	167.87	0.14
ALP1	0.0343966	0.280	0.326	-0.212	0.34	130.36	109.35	40.88	129.10	0.74
2Q1	0.0357064	0.248	0.329	-0.108	0.27	163.23	107.63	193.36	96.44	0.57
Q1	0.0372185	0.297	0.324	-0.028	0.34	62.39	82.12	86.42	92.83	0.84
O1	0.0387307	0.406	0.385	0.205	0.31	117.43	82.72	177.87	85.03	1.1
NO1	0.0402686	0.647	0.633	-0.074	0.66	166.41	88.49	343.98	83.44	1
*K1	0.0417807	0.551	0.363	-0.138	0.38	18.82	54.70	182.79	45.72	2.3
J1	0.0432929	0.377	0.287	-0.239	0.31	28.65	95.53	166.28	91.85	1.7
*OO1	0.0448308	0.806	0.569	-0.333	0.55	100.65	47.25	30.77	50.65	2
UPS1	0.0463430	0.333	0.412	-0.161	0.43	30.80	93.90	316.99	100.35	0.65
EPS2	0.0761773	0.401	0.287	-0.317	0.27	147.53	97.32	176.40	95.64	1.9
MU2	0.0776895	0.321	0.314	-0.182	0.27	157.39	95.87	222.27	81.90	1
*N2	0.0789992	2.414	0.279	-0.099	0.33	15.19	8.66	318.63	8.30	75
*M2	0.0805114	11.663	0.331	-0.395	0.35	20.98	1.58	292.23	1.58	1.2e+003
L2	0.0820236	0.292	0.272	-0.080	0.25	80.86	70.26	348.20	72.16	1.2
*S2	0.0833333	1.952	0.307	-0.234	0.37	10.66	9.68	300.68	11.69	40
*ETA2	0.0850736	0.443	0.285	-0.232	0.28	57.15	69.56	235.20	68.74	2.4
MO3	0.1192421	0.107	0.143	-0.060	0.13	154.74	95.49	176.37	116.82	0.56
M3	0.1207671	0.048	0.105	-0.037	0.10	124.62	127.08	114.50	193.40	0.2
MK3	0.1222921	0.116	0.125	-0.034	0.15	84.25	105.48	243.05	81.67	0.85
SK3	0.1251141	0.092	0.125	0.056	0.10	127.37	126.23	280.04	109.74	0.54
*MN4	0.1595106	0.297	0.140	-0.108	0.14	14.77	44.25	356.05	39.77	4.5
*M4	0.1610228	0.610	0.140	-0.075	0.16	17.60	17.39	275.37	16.61	19
SN4	0.1623326	0.044	0.124	-0.006	0.09	54.61	126.29	186.50	180.69	0.13
*MS4	0.1638447	0.233	0.163	-0.042	0.15	17.26	44.92	314.95	46.74	2
*S4	0.1666667	0.238	0.167	-0.006	0.14	142.80	42.03	115.59	43.92	2
2MK5	0.2028035	0.175	0.148	-0.019	0.13	12.75	49.06	220.52	54.27	1.4
2SK5	0.2084474	0.118	0.128	-0.073	0.12	108.84	97.96	124.13	112.90	0.85
*2MN6	0.2400221	0.310	0.141	0.066	0.14	47.20	31.61	309.29	23.75	4.8
*M6	0.2415342	0.666	0.148	0.025	0.14	44.08	13.30	272.26	12.60	20
*2MS6	0.2443561	0.289	0.142	-0.106	0.15	45.45	39.30	321.75	34.85	4.1
2SM6	0.2471781	0.093	0.112	-0.005	0.11	151.39	87.88	96.38	104.16	0.7
3MK7	0.2833149	0.074	0.097	0.008	0.10	56.12	94.96	288.21	113.44	0.58
M8	0.3220456	0.080	0.087	-0.038	0.08	34.23	95.37	270.46	117.11	0.84

total var= 137.87   pred var= 76.2569
percent total var predicted/var original= 55.3 %