file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5072_15.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)= 66.4563   var(xres)= 22.3267
percent var predicted/var original= 74.8 %

y0= -1.2, x trend= 0

var(y)= 48.9789   var(yp)= 9.7736 var(yres)= 39.2504
percent var predicted/var original= 20.0 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.871	1.672	-0.356	0.74	84.95	26.91	159.31	60.08	1.3
MSF	0.0028219	0.446	1.181	-0.154	0.61	110.80	42.20	27.59	200.76	0.14
ALP1	0.0343966	0.280	0.307	-0.212	0.28	130.36	113.20	40.88	121.73	0.83
2Q1	0.0357064	0.248	0.321	-0.108	0.30	163.23	114.83	193.36	104.34	0.6
Q1	0.0372185	0.297	0.319	-0.028	0.29	62.39	79.11	86.42	87.33	0.87
O1	0.0387307	0.406	0.360	0.205	0.36	117.43	76.22	177.87	81.94	1.3
NO1	0.0402686	0.647	0.708	-0.074	0.69	166.41	88.32	343.98	77.43	0.83
*K1	0.0417807	0.551	0.322	-0.138	0.37	18.82	48.82	182.79	47.09	2.9
J1	0.0432929	0.377	0.345	-0.239	0.35	28.65	87.24	166.28	83.94	1.2
OO1	0.0448308	0.806	0.594	-0.333	0.53	100.65	54.29	30.77	59.73	1.8
UPS1	0.0463430	0.333	0.391	-0.161	0.39	30.80	93.11	316.99	102.95	0.73
*EPS2	0.0761773	0.401	0.280	-0.317	0.28	147.53	117.03	176.40	118.80	2
MU2	0.0776895	0.321	0.288	-0.182	0.30	157.39	85.18	222.27	86.65	1.2
*N2	0.0789992	2.414	0.311	-0.099	0.34	15.19	7.72	318.63	7.45	60
*M2	0.0805114	11.663	0.375	-0.395	0.34	20.98	1.77	292.23	1.56	9.7e+002
L2	0.0820236	0.292	0.247	-0.080	0.24	80.86	61.30	348.20	61.04	1.4
*S2	0.0833333	1.952	0.344	-0.234	0.35	10.66	10.51	300.68	10.71	32
*ETA2	0.0850736	0.443	0.307	-0.232	0.32	57.15	71.14	235.20	75.35	2.1
MO3	0.1192421	0.107	0.124	-0.060	0.12	154.74	87.39	176.37	114.31	0.75
M3	0.1207671	0.048	0.110	-0.037	0.10	124.62	126.55	114.50	168.96	0.19
MK3	0.1222921	0.116	0.116	-0.034	0.14	84.25	96.91	243.05	89.85	1
SK3	0.1251141	0.092	0.110	0.056	0.12	127.37	115.33	280.04	136.40	0.7
*MN4	0.1595106	0.297	0.137	-0.108	0.14	14.77	37.52	356.05	41.73	4.7
*M4	0.1610228	0.610	0.163	-0.075	0.17	17.60	15.32	275.37	14.91	14
SN4	0.1623326	0.044	0.120	-0.006	0.11	54.61	126.77	186.50	185.06	0.13
MS4	0.1638447	0.233	0.165	-0.042	0.16	17.26	42.84	314.95	43.26	2
*S4	0.1666667	0.238	0.149	-0.006	0.17	142.80	50.00	115.59	48.77	2.6
2MK5	0.2028035	0.175	0.138	-0.019	0.15	12.75	55.82	220.52	53.61	1.6
2SK5	0.2084474	0.118	0.117	-0.073	0.13	108.84	102.62	124.13	106.54	1
*2MN6	0.2400221	0.310	0.149	0.066	0.14	47.20	24.46	309.29	23.09	4.3
*M6	0.2415342	0.666	0.157	0.025	0.13	44.08	11.19	272.26	12.88	18
*2MS6	0.2443561	0.289	0.132	-0.106	0.14	45.45	35.59	321.75	37.54	4.8
2SM6	0.2471781	0.093	0.106	-0.005	0.11	151.39	91.00	96.38	115.49	0.77
3MK7	0.2833149	0.074	0.089	0.008	0.10	56.12	101.00	288.21	101.38	0.69
M8	0.3220456	0.080	0.099	-0.038	0.09	34.23	93.76	270.46	110.00	0.66

total var= 137.87   pred var= 76.2299
percent total var predicted/var original= 55.3 %