

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5402_15.txt

date: 31-Oct-2003

nobs = 3192, ngood = 3190, record length (days) = 133.00

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= 0.23, x trend= 0

var(x)= 100.8348 var(xp)= 74.2296 var(xres)= 26.5521

percent var predicted/var original= 73.6 %

y0= 0.862, x trend= 0

var(y)= 53.538 var(yp)= 6.247 var(yres)= 47.2929

percent var predicted/var original= 11.7 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.238	1.755	0.142	0.95	88.09	26.60	31.69	48.96	1.6
MSF	0.0028219	0.674	1.168	-0.099	1.05	152.10	91.25	118.48	111.84	0.33
ALP1	0.0343966	0.425	0.462	-0.093	0.49	105.13	77.81	359.07	86.92	0.85
2Q1	0.0357064	0.201	0.343	0.108	0.35	145.01	131.36	227.49	148.47	0.34
Q1	0.0372185	0.330	0.402	0.168	0.44	162.92	116.06	0.46	90.44	0.67
*O1	0.0387307	0.826	0.490	-0.143	0.54	69.54	40.64	239.19	50.43	2.8
NO1	0.0402686	0.834	1.026	-0.411	0.92	28.38	104.71	344.43	97.83	0.66
K1	0.0417807	0.427	0.459	0.151	0.44	25.76	94.60	225.97	81.15	0.87
J1	0.0432929	0.277	0.401	-0.215	0.34	131.20	113.58	164.22	142.24	0.48
OO1	0.0448308	0.799	0.713	-0.455	0.68	154.05	87.48	94.42	96.03	1.3
UPS1	0.0463430	0.412	0.524	-0.157	0.52	63.37	97.87	224.61	117.14	0.62
EPS2	0.0761773	0.318	0.328	-0.218	0.28	21.10	91.10	88.61	107.19	0.94
MU2	0.0776895	0.213	0.287	0.146	0.34	95.51	132.66	164.28	125.44	0.55
*N2	0.0789992	2.659	0.429	0.026	0.38	13.85	7.91	268.76	9.24	38
*M2	0.0805114	11.879	0.427	-0.946	0.32	15.29	1.81	66.83	1.95	7.8e+002
*L2	0.0820236	0.570	0.339	-0.014	0.24	17.01	29.06	248.36	35.30	2.8
*S2	0.0833333	1.930	0.380	0.036	0.33	10.66	11.17	15.91	13.42	26
ETA2	0.0850736	0.136	0.306	0.044	0.23	173.58	93.59	352.60	151.20	0.2
MO3	0.1192421	0.101	0.128	-0.056	0.13	69.47	99.58	70.63	107.22	0.62
M3	0.1207671	0.122	0.151	-0.009	0.13	76.22	78.84	312.64	90.23	0.66
MK3	0.1222921	0.100	0.142	-0.016	0.13	10.36	122.32	70.04	118.44	0.49
*SK3	0.1251141	0.237	0.152	-0.074	0.16	176.88	54.95	306.37	47.08	2.4
MN4	0.1595106	0.163	0.130	-0.043	0.13	33.18	59.52	77.85	57.20	1.6
*M4	0.1610228	0.409	0.136	-0.008	0.13	49.57	20.00	209.69	19.64	9
SN4	0.1623326	0.054	0.095	0.008	0.10	108.20	114.09	80.35	160.74	0.32
*MS4	0.1638447	0.260	0.127	-0.108	0.13	34.40	37.99	183.90	40.99	4.2
S4	0.1666667	0.115	0.113	-0.027	0.11	110.07	75.00	149.32	78.47	1
2MK5	0.2028035	0.095	0.097	0.035	0.09	43.75	73.31	300.67	89.14	0.95
2SK5	0.2084474	0.101	0.094	-0.007	0.08	179.35	65.09	65.15	75.85	1.2
*2MN6	0.2400221	0.271	0.098	0.037	0.11	50.74	23.26	170.05	19.79	7.6
*M6	0.2415342	0.483	0.107	0.091	0.09	34.80	11.52	316.65	12.07	21
*2MS6	0.2443561	0.188	0.088	-0.016	0.10	54.35	34.48	287.92	30.70	4.5
2SM6	0.2471781	0.050	0.074	-0.022	0.07	134.34	88.97	48.70	122.30	0.47
3MK7	0.2833149	0.037	0.058	0.012	0.05	49.43	106.55	212.38	118.30	0.4
M8	0.3220456	0.059	0.049	-0.048	0.05	156.70	103.69	9.38	119.59	1.5

total var= 154.3728 pred var= 80.4766

percent total var predicted/var original= 52.1 %