

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4651.txt

date: 31-Oct-2003

nobs = 2828, ngood = 2827, record length (days) = 117.83

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= -0.51, x trend= 0

var(x)= 28.6286 var(xp)= 17.3441 var(xres)= 11.3286

percent var predicted/var original= 60.6 %

y0= -0.296, x trend= 0

var(y)= 16.7091 var(yp)= 12.3255 var(yres)= 4.3831

percent var predicted/var original= 73.8 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.989	1.043	0.102	0.35	8.85	19.23	3.39	69.73	0.9
MSF	0.0028219	0.394	0.906	-0.090	0.39	174.88	36.59	136.73	155.14	0.19
ALP1	0.0343966	0.184	0.209	-0.036	0.25	82.59	126.12	148.00	87.83	0.78
2Q1	0.0357064	0.124	0.229	-0.037	0.18	16.82	69.27	325.94	154.66	0.29
Q1	0.0372185	0.215	0.245	-0.120	0.21	19.21	85.48	335.47	115.06	0.77
O1	0.0387307	0.330	0.317	0.089	0.27	46.57	58.54	315.66	65.52	1.1
NO1	0.0402686	0.391	0.448	-0.233	0.50	85.54	144.75	235.32	97.72	0.76
*K1	0.0417807	0.410	0.252	-0.207	0.21	32.17	63.05	69.98	69.52	2.6
J1	0.0432929	0.028	0.182	0.001	0.19	137.21	103.13	167.51	243.82	0.023
OO1	0.0448308	0.318	0.392	-0.058	0.29	6.40	61.04	329.47	103.40	0.66
UPS1	0.0463430	0.194	0.294	-0.095	0.28	47.76	101.59	138.73	136.54	0.44
EPS2	0.0761773	0.153	0.303	0.011	0.26	40.01	101.33	307.79	140.61	0.25
MU2	0.0776895	0.388	0.352	-0.084	0.37	166.23	59.81	358.19	62.64	1.2
*N2	0.0789992	1.385	0.403	0.032	0.41	34.82	16.84	233.25	17.75	12
*M2	0.0805114	7.193	0.414	0.968	0.37	40.16	3.14	300.74	3.59	3e+002
*L2	0.0820236	0.529	0.333	-0.031	0.32	32.49	34.50	16.49	39.93	2.5
*S2	0.0833333	1.069	0.464	0.119	0.36	38.98	22.21	228.67	23.69	5.3
ETA2	0.0850736	0.436	0.343	-0.168	0.33	9.73	58.28	115.01	72.78	1.6
MO3	0.1192421	0.113	0.148	0.056	0.16	97.82	110.74	249.03	119.13	0.58
M3	0.1207671	0.055	0.137	-0.018	0.13	14.65	110.56	233.30	162.16	0.16
MK3	0.1222921	0.054	0.137	0.034	0.14	8.88	115.81	93.49	194.41	0.15
SK3	0.1251141	0.179	0.165	-0.169	0.14	159.74	129.65	59.68	123.41	1.2
MN4	0.1595106	0.101	0.107	-0.031	0.12	25.09	90.82	301.65	94.22	0.89
*M4	0.1610228	0.414	0.141	-0.092	0.15	28.74	22.05	312.97	24.32	8.6
SN4	0.1623326	0.058	0.108	0.037	0.10	159.72	118.30	353.70	183.97	0.28
*MS4	0.1638447	0.234	0.157	-0.116	0.13	24.96	57.88	226.29	58.22	2.2
S4	0.1666667	0.097	0.130	-0.016	0.11	47.81	105.41	232.99	100.44	0.56
2MK5	0.2028035	0.080	0.086	-0.011	0.09	35.19	82.76	172.04	82.95	0.87
2SK5	0.2084474	0.044	0.080	-0.001	0.08	47.58	109.84	49.24	144.78	0.3
*2MN6	0.2400221	0.243	0.119	-0.008	0.12	59.12	32.16	269.41	28.12	4.2
*M6	0.2415342	0.553	0.112	0.063	0.11	56.44	14.08	346.94	13.40	24
2MS6	0.2443561	0.131	0.115	0.061	0.11	60.71	79.32	300.91	74.83	1.3
2SM6	0.2471781	0.110	0.108	-0.005	0.11	48.46	80.04	311.26	71.24	1
3MK7	0.2833149	0.031	0.056	-0.002	0.06	15.05	117.43	138.73	141.44	0.3
*M8	0.3220456	0.126	0.051	-0.006	0.06	25.82	27.55	22.27	30.12	6

total var= 45.3377 pred var= 29.6696

percent total var predicted/var original= 65.4 %