

file name: C:\SCHTUUFF\MASS\_BAY\MBLT\_REPORT\PLOTS\c4411.txt

date: 31-Oct-2003

nobs = 2851, ngood = 2851, record length (days) = 118.79

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= 0.638, x trend= 0

var(x)= 109.0098 var(xp)= 79.636 var(xres)= 29.3008

percent var predicted/var original= 73.1 %

y0= 0.304, x trend= 0

var(y)= 18.4217 var(yp)= 0.66463 var(yres)= 17.7718

percent var predicted/var original= 3.6 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.185	0.945	-0.180	0.88	134.40	60.35	216.98	59.00	1.6
MSF	0.0028219	0.650	0.911	0.044	0.84	169.06	78.64	6.63	106.95	0.51
ALP1	0.0343966	0.242	0.295	0.030	0.30	77.50	120.42	193.95	109.97	0.67
2Q1	0.0357064	0.070	0.326	0.055	0.26	151.14	110.83	169.56	200.40	0.046
Q1	0.0372185	0.191	0.307	0.019	0.32	74.73	142.08	62.65	146.56	0.39
O1	0.0387307	0.580	0.436	0.108	0.39	153.29	49.09	324.40	57.50	1.8
NO1	0.0402686	0.431	0.614	-0.114	0.62	5.04	80.31	33.84	148.25	0.49
*K1	0.0417807	0.622	0.307	-0.198	0.46	77.26	47.27	306.94	44.46	4.1
J1	0.0432929	0.184	0.320	0.001	0.25	168.58	92.35	180.91	130.39	0.33
OO1	0.0448308	0.221	0.433	-0.050	0.41	116.81	123.94	57.15	159.33	0.26
UPS1	0.0463430	0.220	0.400	-0.135	0.36	26.67	102.84	175.08	170.50	0.3
EPS2	0.0761773	0.897	0.827	-0.532	0.59	177.87	65.00	268.71	100.31	1.2
MU2	0.0776895	0.469	0.791	-0.007	0.53	166.27	79.43	155.06	169.09	0.35
*N2	0.0789992	2.054	1.094	0.487	0.66	171.48	24.79	4.59	36.76	3.5
*M2	0.0805114	12.328	1.310	-0.537	0.69	1.07	3.10	43.13	5.40	89
L2	0.0820236	0.470	0.573	-0.061	0.68	91.33	149.04	320.15	96.65	0.67
S2	0.0833333	1.023	0.954	0.527	0.70	171.46	54.63	67.95	86.56	1.1
ETA2	0.0850736	0.280	0.791	0.172	0.60	133.31	93.08	268.97	144.37	0.12
MO3	0.1192421	0.230	0.215	-0.089	0.19	175.97	73.87	234.32	79.50	1.1
M3	0.1207671	0.176	0.204	0.024	0.16	154.38	78.06	123.96	98.21	0.74
MK3	0.1222921	0.238	0.207	0.005	0.25	60.08	75.04	146.10	69.86	1.3
SK3	0.1251141	0.176	0.199	-0.061	0.22	23.56	83.48	275.22	101.61	0.78
MN4	0.1595106	0.280	0.260	0.075	0.26	114.46	86.73	22.76	71.16	1.2
*M4	0.1610228	0.391	0.268	0.118	0.29	114.26	68.66	242.84	55.75	2.1
SN4	0.1623326	0.182	0.213	0.095	0.26	107.61	142.93	339.81	113.83	0.73
*MS4	0.1638447	0.429	0.277	-0.148	0.30	134.87	60.12	171.75	57.69	2.4
S4	0.1666667	0.147	0.242	-0.094	0.25	129.21	111.72	245.89	157.09	0.37
2MK5	0.2028035	0.141	0.143	-0.043	0.14	55.65	57.44	41.94	75.45	0.97
2SK5	0.2084474	0.072	0.112	-0.067	0.11	53.14	141.43	304.51	164.16	0.41
2MN6	0.2400221	0.103	0.133	-0.065	0.13	176.47	100.02	225.85	126.85	0.6
*M6	0.2415342	0.274	0.141	-0.068	0.19	34.96	40.13	211.84	40.84	3.8
2MS6	0.2443561	0.095	0.142	-0.041	0.14	97.27	138.84	60.54	118.81	0.44
2SM6	0.2471781	0.143	0.152	-0.043	0.13	12.17	64.87	282.77	83.20	0.89
3MK7	0.2833149	0.027	0.073	-0.013	0.08	25.17	126.34	159.66	187.11	0.13
M8	0.3220456	0.056	0.072	0.047	0.07	151.16	127.01	211.52	142.91	0.6

total var= 127.4314 pred var= 80.3006

percent total var predicted/var original= 63.0 %