

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6644.txt

date: 31-Oct-2003

nobs = 2539, ngood = 2539, record length (days) = 105.79

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= -0.373, x trend= 0

var(x)= 54.3733 var(xp)= 42.3737 var(xres)= 11.8757

percent var predicted/var original= 77.9 %

y0= 1.52, x trend= 0

var(y)= 11.5877 var(yp)= 1.742 var(yres)= 9.8443

percent var predicted/var original= 15.0 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.642	0.860	-0.382	0.91	1.60	135.19	221.22	142.34	0.56
MSF	0.0028219	0.408	0.910	-0.193	0.79	31.24	126.56	285.90	162.02	0.2
ALP1	0.0343966	0.370	0.340	-0.127	0.26	2.92	61.00	336.93	89.16	1.2
2Q1	0.0357064	0.361	0.322	-0.136	0.30	20.70	61.48	334.86	76.44	1.3
Q1	0.0372185	0.215	0.294	-0.027	0.25	162.58	88.34	328.29	123.62	0.53
*O1	0.0387307	0.817	0.452	0.054	0.36	7.85	22.57	55.76	32.56	3.3
NO1	0.0402686	0.604	0.635	-0.093	0.60	106.41	105.56	71.90	87.48	0.9
*K1	0.0417807	0.635	0.342	-0.022	0.32	176.13	31.80	291.60	45.56	3.5
J1	0.0432929	0.229	0.313	-0.106	0.28	145.12	90.84	17.43	104.39	0.54
OO1	0.0448308	0.484	0.443	-0.029	0.42	130.21	69.88	351.51	84.99	1.2
UPS1	0.0463430	0.432	0.408	-0.201	0.38	127.84	86.72	275.91	83.68	1.1
EPS2	0.0761773	0.246	0.284	0.059	0.25	123.10	72.50	229.77	80.44	0.75
MU2	0.0776895	0.370	0.297	0.059	0.36	6.19	79.13	46.37	62.55	1.5
*N2	0.0789992	2.076	0.351	-0.266	0.45	10.68	11.41	256.55	9.93	35
*M2	0.0805114	8.805	0.351	-0.262	0.38	10.67	2.72	173.27	2.09	6.3e+002
*L2	0.0820236	0.452	0.256	-0.190	0.35	10.41	63.18	102.30	51.88	3.1
*S2	0.0833333	1.311	0.376	-0.002	0.46	7.20	20.13	187.84	15.43	12
ETA2	0.0850736	0.144	0.302	-0.000	0.28	175.59	137.74	4.14	154.46	0.23
MO3	0.1192421	0.027	0.127	-0.018	0.12	154.53	98.11	99.97	223.11	0.045
M3	0.1207671	0.126	0.138	-0.014	0.12	156.59	58.40	5.48	88.27	0.83
MK3	0.1222921	0.270	0.212	-0.017	0.17	22.88	34.29	231.85	46.55	1.6
SK3	0.1251141	0.131	0.161	0.055	0.12	160.33	75.94	109.68	99.64	0.66
*MN4	0.1595106	0.289	0.183	-0.094	0.17	157.11	35.92	304.88	43.98	2.5
*M4	0.1610228	0.634	0.173	-0.391	0.16	152.92	28.44	223.77	30.70	13
SN4	0.1623326	0.144	0.151	0.013	0.13	25.05	74.24	193.98	85.74	0.91
*MS4	0.1638447	0.219	0.154	-0.179	0.16	43.50	110.94	21.23	113.85	2
S4	0.1666667	0.155	0.142	-0.030	0.15	32.72	71.58	198.03	84.99	1.2
2MK5	0.2028035	0.149	0.125	-0.015	0.10	152.17	45.44	248.40	48.02	1.4
2SK5	0.2084474	0.136	0.116	-0.058	0.11	52.07	77.10	182.69	67.69	1.4
*2MN6	0.2400221	0.304	0.149	0.061	0.08	7.50	19.50	296.84	25.82	4.1
*M6	0.2415342	0.453	0.123	0.222	0.11	37.97	20.47	241.41	21.50	13
*2MS6	0.2443561	0.149	0.101	0.089	0.10	126.41	67.29	0.91	67.79	2.2
2SM6	0.2471781	0.045	0.088	-0.004	0.07	159.95	83.85	7.80	170.89	0.27
3MK7	0.2833149	0.050	0.077	0.019	0.06	40.34	89.08	61.75	107.12	0.42
*M8	0.3220456	0.077	0.050	0.043	0.05	33.87	73.89	84.59	71.34	2.3

total var= 65.9611 pred var= 44.1157

percent total var predicted/var original= 66.9 %