

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6451_1.txt

date: 31-Oct-2003

nobs = 3672, ngood = 3628, record length (days) = 153.00

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= -1.54, x trend= 0

var(x)= 93.0685 var(xp)= 41.9871 var(xres)= 51.065

percent var predicted/var original= 45.1 %

y0= -0.353, x trend= 0

var(y)= 130.2599 var(yp)= 4.7214 var(yres)= 125.618

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	0.401	1.488	-0.262	1.07	152.85	85.70	291.12	234.11	0.073
MSF	0.0028219	1.667	2.219	0.559	1.35	72.89	52.57	355.27	83.98	0.56
ALP1	0.0343966	0.249	0.592	0.097	0.60	39.92	115.78	273.18	188.14	0.18
2Q1	0.0357064	0.534	0.691	0.123	0.61	126.21	89.92	76.11	98.47	0.6
Q1	0.0372185	0.435	0.650	-0.163	0.65	128.24	97.34	277.70	141.53	0.45
O1	0.0387307	0.996	0.898	-0.358	0.67	90.40	64.67	177.16	66.22	1.2
NO1	0.0402686	1.380	1.671	-0.752	1.41	68.41	94.05	63.88	113.37	0.68
*K1	0.0417807	1.728	0.922	0.357	0.82	106.74	30.68	108.07	33.12	3.5
J1	0.0432929	0.520	0.654	0.110	0.68	65.32	84.65	92.34	130.13	0.63
OO1	0.0448308	0.406	1.070	0.023	0.88	160.12	124.71	170.01	150.00	0.14
UPS1	0.0463430	0.466	0.766	-0.183	0.72	154.20	136.72	250.69	129.05	0.37
EPS2	0.0761773	0.295	0.849	-0.089	0.88	102.74	122.99	259.86	171.87	0.12
MU2	0.0776895	0.717	0.939	0.105	1.03	45.14	102.71	182.45	110.15	0.58
*N2	0.0789992	2.003	1.262	0.120	1.36	2.31	46.18	94.22	34.85	2.5
*M2	0.0805114	8.444	1.201	-1.700	1.46	174.42	10.44	1.62	9.31	49
L2	0.0820236	0.492	0.735	-0.132	0.72	63.74	105.90	134.48	131.05	0.45
*S2	0.0833333	1.971	1.157	-1.276	1.12	29.02	75.25	322.69	70.10	2.9
ETA2	0.0850736	0.654	0.975	-0.010	0.93	106.85	92.52	161.77	125.69	0.45
MO3	0.1192421	0.380	0.441	-0.228	0.41	120.58	92.29	125.87	126.43	0.74
M3	0.1207671	0.355	0.379	0.129	0.37	128.65	84.41	14.82	105.61	0.88
*MK3	0.1222921	0.813	0.533	-0.010	0.52	139.06	39.81	8.23	42.04	2.3
SK3	0.1251141	0.378	0.479	0.147	0.37	108.58	70.56	210.85	104.88	0.62
MN4	0.1595106	0.433	0.488	-0.157	0.40	56.63	87.59	211.70	87.43	0.79
M4	0.1610228	0.570	0.428	-0.160	0.40	70.44	56.93	21.87	60.96	1.8
SN4	0.1623326	0.234	0.396	0.150	0.34	121.29	109.57	235.72	155.60	0.35
MS4	0.1638447	0.645	0.505	0.056	0.50	106.44	44.11	209.14	52.81	1.6
S4	0.1666667	0.305	0.453	0.159	0.38	130.13	94.38	98.65	131.19	0.45
*2MK5	0.2028035	0.700	0.282	-0.042	0.24	93.75	18.52	232.62	29.43	6.2
2SK5	0.2084474	0.123	0.202	-0.093	0.22	135.52	101.25	98.33	160.06	0.37
*2MN6	0.2400221	0.355	0.220	0.063	0.27	169.95	58.02	47.72	41.24	2.6
*M6	0.2415342	0.578	0.248	0.282	0.25	21.74	40.16	10.26	36.74	5.4
2MS6	0.2443561	0.108	0.216	0.043	0.20	35.50	112.09	173.87	128.09	0.25
2SM6	0.2471781	0.110	0.185	0.088	0.19	158.99	121.81	244.70	162.20	0.35
3MK7	0.2833149	0.228	0.169	-0.047	0.17	49.16	58.92	121.22	63.34	1.8
*M8	0.3220456	0.237	0.160	0.043	0.12	72.46	30.74	353.63	45.93	2.2

total var= 223.3284 pred var= 46.7085

percent total var predicted/var original= 20.9 %