

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5691_15.txt

date: 31-Oct-2003

nobs = 3180, ngood = 3179, record length (days) = 132.50

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= -0.936, x trend= 0

var(x)= 98.3815 var(xp)= 38.4987 var(xres)= 59.92

percent var predicted/var original= 39.1 %

y0= 1.6, x trend= 0

var(y)= 84.1253 var(yp)= 4.1197 var(yres)= 79.9691

percent var predicted/var original= 4.9 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.800	1.730	0.207	1.47	101.36	113.52	85.64	172.61	0.21
MSF	0.0028219	0.872	1.519	0.629	1.89	95.13	128.53	256.34	169.83	0.33
ALP1	0.0343966	0.385	0.634	0.116	0.62	57.31	97.37	236.65	139.18	0.37
2Q1	0.0357064	0.628	0.667	0.023	0.68	14.46	84.83	98.93	83.55	0.89
*Q1	0.0372185	0.952	0.600	-0.183	0.73	23.49	63.97	8.56	52.63	2.5
O1	0.0387307	0.639	0.757	0.184	0.73	139.34	81.75	337.44	85.94	0.71
NO1	0.0402686	1.607	1.330	-0.626	1.50	74.43	62.42	87.81	79.74	1.5
*K1	0.0417807	1.436	0.802	-0.700	0.79	128.83	49.24	121.80	43.86	3.2
J1	0.0432929	0.546	0.606	-0.340	0.62	114.26	101.17	204.22	110.70	0.81
OO1	0.0448308	0.842	1.042	-0.502	0.92	90.83	106.80	36.89	111.65	0.65
UPS1	0.0463430	0.296	0.647	0.180	0.67	46.16	130.34	267.73	166.60	0.21
EPS2	0.0761773	0.398	0.826	-0.246	0.86	83.71	151.59	228.82	155.58	0.23
MU2	0.0776895	0.675	0.932	-0.263	0.87	91.24	126.45	257.30	109.49	0.52
*N2	0.0789992	2.010	1.243	0.050	1.17	19.70	34.53	290.39	40.82	2.6
*M2	0.0805114	8.442	1.398	1.302	1.17	167.15	8.55	198.43	9.59	36
L2	0.0820236	0.856	0.841	-0.199	0.94	52.41	68.28	204.40	77.77	1
S2	0.0833333	1.568	1.240	0.213	1.07	167.60	46.13	105.38	53.43	1.6
ETA2	0.0850736	0.930	1.100	-0.724	1.05	15.37	115.29	47.73	123.61	0.71
MO3	0.1192421	0.440	0.410	-0.152	0.46	106.66	104.75	61.83	93.73	1.2
M3	0.1207671	0.374	0.384	-0.246	0.45	89.41	121.59	197.57	124.01	0.95
*MK3	0.1222921	0.811	0.472	-0.526	0.52	65.38	79.42	308.08	72.66	3
SK3	0.1251141	0.307	0.411	-0.218	0.39	172.19	109.70	85.64	137.93	0.56
MN4	0.1595106	0.521	0.373	-0.147	0.42	177.83	63.44	218.65	63.51	2
*M4	0.1610228	0.762	0.366	-0.113	0.40	165.96	38.79	316.23	36.25	4.3
SN4	0.1623326	0.211	0.332	-0.014	0.34	117.31	106.43	298.66	116.88	0.4
MS4	0.1638447	0.282	0.323	0.003	0.32	150.37	94.08	226.63	99.17	0.76
S4	0.1666667	0.198	0.345	-0.095	0.35	10.37	117.17	188.71	124.36	0.33
2MK5	0.2028035	0.153	0.157	-0.073	0.18	109.16	96.38	66.94	99.84	0.96
2SK5	0.2084474	0.073	0.167	0.003	0.15	63.83	110.68	174.03	160.34	0.19
*2MN6	0.2400221	0.449	0.196	0.024	0.20	34.21	23.90	120.47	22.01	5.2
*M6	0.2415342	0.610	0.168	-0.061	0.18	41.42	18.22	261.06	17.55	13
2MS6	0.2443561	0.156	0.169	0.054	0.17	9.44	81.29	212.01	86.93	0.86
2SM6	0.2471781	0.212	0.165	-0.065	0.18	35.59	70.76	172.00	68.59	1.7
3MK7	0.2833149	0.140	0.124	-0.019	0.10	177.72	52.93	220.23	53.87	1.3
*M8	0.3220456	0.177	0.105	-0.071	0.08	0.12	37.27	110.32	40.61	2.8

total var= 182.5067 pred var= 42.6184

percent total var predicted/var original= 23.4 %