

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5091_10.txt

date: 31-Oct-2003

nobs = 3673, ngood = 3671, record length (days) = 153.04

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= 3.4, x trend= 0

var(x)= 28.2697 var(xp)= 6.2738 var(xres)= 21.9542

percent var predicted/var original= 22.2 %

y0= -6.5, x trend= 0

var(y)= 91.6591 var(yp)= 20.0375 var(yres)= 71.5582

percent var predicted/var original= 21.9 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.176	1.834	0.193	1.27	113.15	53.35	80.66	129.83	0.41
MSF	0.0028219	1.207	1.788	-0.152	1.70	141.12	78.26	129.53	122.42	0.46
ALP1	0.0343966	0.459	0.520	-0.110	0.37	122.05	68.30	260.55	88.14	0.78
2Q1	0.0357064	0.284	0.431	0.198	0.39	120.89	71.37	333.36	154.78	0.44
Q1	0.0372185	0.384	0.471	-0.040	0.36	121.72	57.75	239.01	96.93	0.67
O1	0.0387307	0.259	0.416	0.166	0.33	125.89	94.35	197.17	145.81	0.39
NO1	0.0402686	0.555	0.865	-0.003	0.80	131.59	82.82	214.96	142.32	0.41
K1	0.0417807	0.553	0.565	-0.104	0.34	79.97	40.90	227.47	72.69	0.96
J1	0.0432929	0.132	0.397	0.103	0.32	67.99	70.28	327.19	202.07	0.11
OO1	0.0448308	0.582	0.797	-0.202	0.49	94.84	60.89	24.16	124.39	0.53
UPS1	0.0463430	0.313	0.556	0.063	0.44	51.63	63.79	110.23	134.21	0.32
EPS2	0.0761773	0.074	0.223	0.020	0.20	112.84	88.09	218.90	186.44	0.11
MU2	0.0776895	0.218	0.276	-0.048	0.24	124.17	80.45	300.51	107.73	0.62
*N2	0.0789992	1.830	0.389	-0.034	0.28	71.00	9.84	12.48	12.77	22
*M2	0.0805114	6.764	0.372	1.194	0.32	61.34	2.72	305.28	3.34	3.3e+002
L2	0.0820236	0.268	0.230	-0.094	0.20	44.39	68.73	277.27	72.11	1.4
*S2	0.0833333	0.980	0.340	0.322	0.30	52.36	20.59	316.96	25.29	8.3
ETA2	0.0850736	0.312	0.345	-0.104	0.29	101.40	55.68	285.86	90.24	0.82
MO3	0.1192421	0.115	0.137	0.064	0.15	7.09	112.04	264.56	112.34	0.71
M3	0.1207671	0.083	0.128	-0.042	0.12	52.29	123.10	83.49	144.64	0.42
MK3	0.1222921	0.157	0.148	-0.098	0.16	52.59	94.39	298.16	95.38	1.1
SK3	0.1251141	0.110	0.135	-0.005	0.14	69.85	99.99	69.66	110.98	0.67
MN4	0.1595106	0.136	0.117	0.002	0.14	79.70	68.76	64.74	68.27	1.4
*M4	0.1610228	0.258	0.152	-0.010	0.12	100.43	32.75	288.25	38.29	2.9
SN4	0.1623326	0.101	0.114	0.014	0.11	129.30	91.05	49.08	90.90	0.79
MS4	0.1638447	0.151	0.112	0.063	0.13	139.40	69.84	38.78	82.07	1.8
S4	0.1666667	0.176	0.140	-0.038	0.13	130.62	56.20	196.92	56.34	1.6
2MK5	0.2028035	0.042	0.100	-0.025	0.09	150.99	140.98	165.02	164.30	0.17
2SK5	0.2084474	0.107	0.108	0.027	0.11	3.06	79.40	28.49	100.30	0.98
*2MN6	0.2400221	0.428	0.200	-0.057	0.13	118.14	20.46	358.11	23.44	4.6
*M6	0.2415342	0.938	0.204	0.010	0.12	99.77	7.07	295.45	13.20	21
2MS6	0.2443561	0.247	0.209	-0.012	0.11	93.42	24.91	331.91	49.77	1.4
2SM6	0.2471781	0.114	0.157	0.022	0.10	69.99	52.46	354.68	108.61	0.53
3MK7	0.2833149	0.054	0.081	-0.014	0.08	50.65	101.52	187.11	136.53	0.44
M8	0.3220456	0.059	0.087	-0.017	0.09	179.47	102.60	99.79	101.13	0.46

total var= 119.9288 pred var= 26.3114

percent total var predicted/var original= 21.9 %