

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6901_5.txt

date: 31-Oct-2003

nobs = 3693, ngood = 3691, record length (days) = 153.88

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= -0.633, x trend= 0

var(x)= 117.8707 var(xp)= 48.5599 var(xres)= 68.5589

percent var predicted/var original= 41.2 %

y0= 1.77, x trend= 0

var(y)= 109.7827 var(yp)= 2.3899 var(yres)= 107.4067

percent var predicted/var original= 2.2 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	3.018	3.578	0.367	2.08	89.63	34.36	118.75	90.29	0.71
MSF	0.0028219	2.992	3.138	0.399	2.48	122.39	52.57	278.33	77.60	0.91
ALP1	0.0343966	0.411	0.596	-0.118	0.60	63.62	120.86	199.57	101.18	0.48
2Q1	0.0357064	0.568	0.683	-0.440	0.60	126.14	125.82	179.08	117.75	0.69
Q1	0.0372185	0.382	0.733	0.095	0.63	167.24	97.49	321.78	120.31	0.27
*O1	0.0387307	1.084	0.672	-0.202	0.75	166.91	50.98	281.58	46.77	2.6
NO1	0.0402686	1.845	1.580	-0.557	1.45	63.66	62.44	10.16	63.87	1.4
*K1	0.0417807	1.921	0.793	-0.795	0.80	147.16	34.42	127.94	32.26	5.9
J1	0.0432929	0.868	0.748	-0.403	0.61	92.61	71.54	164.69	71.51	1.3
OO1	0.0448308	1.111	0.918	-0.318	1.09	110.51	68.30	42.05	79.98	1.5
UPS1	0.0463430	0.380	0.730	0.021	0.73	0.08	124.84	231.07	159.89	0.27
EPS2	0.0761773	0.860	1.087	-0.156	1.05	16.10	79.73	50.74	98.58	0.63
MU2	0.0776895	0.962	1.131	-0.675	1.04	1.45	92.82	161.18	117.81	0.72
*N2	0.0789992	2.523	1.387	-0.448	1.09	12.70	28.90	301.81	32.43	3.3
*M2	0.0805114	8.998	1.406	0.600	1.26	6.03	7.48	1.67	9.60	41
L2	0.0820236	1.156	1.058	-0.578	0.88	159.55	74.29	139.83	82.49	1.2
*S2	0.0833333	1.702	1.164	-0.698	1.07	173.28	61.83	122.98	77.01	2.1
ETA2	0.0850736	0.488	0.998	-0.281	0.93	27.22	130.22	180.72	154.24	0.24
MO3	0.1192421	0.194	0.303	-0.002	0.33	76.55	121.95	338.62	135.50	0.41
M3	0.1207671	0.141	0.341	0.072	0.29	89.05	142.53	234.38	134.65	0.17
*MK3	0.1222921	0.621	0.385	-0.537	0.42	53.10	107.15	327.38	108.22	2.6
SK3	0.1251141	0.251	0.349	-0.076	0.35	111.95	105.70	57.74	99.18	0.52
MN4	0.1595106	0.402	0.363	0.006	0.31	2.29	54.53	48.45	66.93	1.2
M4	0.1610228	0.587	0.417	-0.102	0.34	16.30	37.43	80.74	42.38	2
SN4	0.1623326	0.252	0.306	-0.142	0.35	141.61	100.48	149.92	125.92	0.68
MS4	0.1638447	0.371	0.342	-0.154	0.29	1.98	69.06	34.31	96.35	1.2
S4	0.1666667	0.241	0.284	-0.146	0.30	80.02	100.86	346.93	91.97	0.72
2MK5	0.2028035	0.185	0.211	-0.022	0.19	25.61	65.95	59.73	89.58	0.77
2SK5	0.2084474	0.092	0.211	0.025	0.17	130.27	105.53	260.77	153.53	0.19
*2MN6	0.2400221	0.453	0.207	-0.070	0.20	51.49	25.89	107.06	24.02	4.8
*M6	0.2415342	0.756	0.184	-0.189	0.17	43.62	18.09	170.44	15.92	17
*2MS6	0.2443561	0.265	0.165	0.031	0.20	48.02	44.94	145.99	45.60	2.6
2SM6	0.2471781	0.065	0.130	-0.038	0.14	96.71	115.75	200.98	160.35	0.25
3MK7	0.2833149	0.120	0.130	-0.046	0.11	28.39	67.99	358.78	88.32	0.86
M8	0.3220456	0.065	0.079	0.014	0.08	11.57	71.35	267.34	92.05	0.67

total var= 227.6533 pred var= 50.9498

percent total var predicted/var original= 22.4 %