

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6871_10.txt

date: 31-Oct-2003

nobs = 4778, ngood = 4777, record length (days) = 199.08

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= -0.622, x trend= 0

var(x)= 48.67 var(xp)= 13.3278 var(xres)= 35.4382

percent var predicted/var original= 27.4 %

y0= -0.183, x trend= 0

var(y)= 117.1263 var(yp)= 43.8284 var(yres)= 73.2419

percent var predicted/var original= 37.4 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
SSA	0.0002282	1.189	1.856	-0.142	1.51	129.06	68.77	303.26	127.08	0.41
*MM	0.0015122	4.790	2.791	0.310	1.97	119.19	22.72	19.49	32.46	2.9
MSF	0.0028219	1.047	1.741	-0.008	1.62	129.75	75.34	106.82	143.16	0.36
MF	0.0030501	1.444	2.195	-0.019	1.30	107.95	52.59	348.66	116.70	0.43
ALP1	0.0343966	0.333	0.449	-0.011	0.46	139.10	82.77	293.05	126.56	0.55
2Q1	0.0357064	0.306	0.416	-0.056	0.45	152.31	103.54	114.42	136.18	0.54
Q1	0.0372185	0.283	0.416	-0.271	0.48	83.67	122.47	277.60	159.11	0.46
*O1	0.0387307	0.908	0.610	-0.382	0.60	99.77	51.99	65.68	56.97	2.2
*TAU1	0.0389588	0.812	0.542	-0.400	0.51	78.76	51.51	36.26	64.63	2.2
BET1	0.0400404	0.596	0.534	0.034	0.52	64.65	63.39	236.58	67.29	1.2
NO1	0.0402686	0.553	0.964	0.083	0.81	43.97	105.65	275.84	117.24	0.33
P1	0.0415526	0.525	0.477	-0.259	0.51	56.68	90.58	158.20	81.04	1.2
*K1	0.0417807	0.781	0.538	-0.013	0.59	158.66	56.89	135.33	46.81	2.1
PHI1	0.0420089	0.409	0.465	0.087	0.48	55.37	93.20	316.07	97.97	0.77
J1	0.0432929	0.615	0.453	-0.580	0.49	170.56	131.05	55.24	125.85	1.8
SO1	0.0446027	0.435	0.497	-0.162	0.50	159.00	106.07	186.75	104.90	0.77
*OO1	0.0448308	1.194	0.760	-0.421	0.70	99.26	48.85	150.07	52.99	2.5
UPS1	0.0463430	0.509	0.595	-0.096	0.58	105.15	82.49	66.58	90.84	0.73
EPS2	0.0761773	0.521	0.610	-0.314	0.63	51.21	123.26	308.47	125.34	0.73
MU2	0.0776895	0.536	0.719	-0.081	0.68	65.42	99.45	162.16	103.97	0.55
*N2	0.0789992	2.480	0.857	0.247	0.96	63.06	24.57	201.35	19.06	8.4
*M2	0.0805114	8.695	0.885	0.268	0.88	61.81	6.48	99.15	5.16	97
*MKS2	0.0807396	1.735	1.123	-0.570	0.95	31.12	45.30	36.44	45.07	2.4
L2	0.0820236	0.566	0.614	-0.157	0.58	56.24	94.88	13.94	83.17	0.85
*S2	0.0833333	1.396	0.790	-0.202	0.89	83.14	48.14	55.95	37.32	3.1
K2	0.0835615	0.889	0.886	-0.113	0.87	35.82	61.40	60.26	79.94	1
MSN2	0.0848455	0.350	0.688	-0.242	0.64	44.94	114.67	263.31	153.49	0.26
ETA2	0.0850736	0.350	0.692	-0.227	0.63	69.23	123.92	305.58	153.23	0.26
MO3	0.1192421	0.248	0.274	-0.164	0.27	93.46	96.12	339.64	126.74	0.82
M3	0.1207671	0.156	0.239	-0.110	0.26	70.86	100.35	199.90	135.20	0.43
SO3	0.1220640	0.344	0.276	-0.254	0.33	109.54	101.93	47.88	107.30	1.5
*MK3	0.1222921	0.407	0.262	-0.284	0.29	177.55	126.31	107.79	137.64	2.4
SK3	0.1251141	0.248	0.280	-0.158	0.29	147.64	122.05	149.92	130.31	0.79
MN4	0.1595106	0.206	0.271	-0.046	0.25	160.26	76.52	27.96	127.76	0.58
*M4	0.1610228	0.463	0.286	-0.236	0.37	115.71	75.13	253.44	63.16	2.6
SN4	0.1623326	0.171	0.268	-0.045	0.26	97.89	126.24	49.43	107.86	0.41
MS4	0.1638447	0.371	0.332	-0.104	0.25	4.39	53.12	59.99	72.23	1.3
MK4	0.1640729	0.303	0.331	-0.041	0.25	164.53	63.93	215.74	87.34	0.84
S4	0.1666667	0.083	0.278	-0.065	0.26	126.14	124.78	286.40	158.75	0.09
SK4	0.1668948	0.121	0.280	0.008	0.27	98.17	138.30	257.77	145.47	0.19
2MK5	0.2028035	0.113	0.181	-0.003	0.18	107.80	122.39	128.86	140.91	0.39

2SK5	0.2084474	0.072	0.180	-0.012	0.16	10.99	126.97	220.05	155.39	0.16
*2MN6	0.2400221	0.560	0.247	-0.051	0.19	102.11	22.40	107.43	22.60	5.1
*M6	0.2415342	0.800	0.202	0.023	0.18	98.06	13.74	19.11	17.15	16
*2MS6	0.2443561	0.414	0.244	-0.122	0.17	99.73	22.93	301.59	32.86	2.9
2MK6	0.2445843	0.218	0.203	0.019	0.19	69.41	51.78	15.91	73.88	1.1
2SM6	0.2471781	0.065	0.155	-0.016	0.16	126.91	122.21	184.52	199.53	0.17
MSK6	0.2474062	0.077	0.188	-0.016	0.14	122.68	112.47	314.01	159.21	0.17
3MK7	0.2833149	0.126	0.116	-0.009	0.12	104.69	67.44	13.73	75.22	1.2
M8	0.3220456	0.056	0.084	-0.035	0.08	135.83	113.55	355.23	128.91	0.44

total var= 165.7962 pred var= 57.1562
percent total var predicted/var original= 34.5 %