

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c3841.txt

date: 31-Oct-2003

nobs = 2511, ngood = 2511, record length (days) = 104.63

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= -0.898, x trend= 0

var(x)= 73.9242 var(xp)= 17.9216 var(xres)= 55.788

percent var predicted/var original= 24.2 %

y0= 2.73, x trend= 0

var(y)= 81.0021 var(yp)= 2.9382 var(yres)= 78.0397

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	2.852	3.378	0.003	2.30	114.15	46.01	293.09	93.39	0.71
MSF	0.0028219	2.107	3.914	-0.105	2.21	85.15	41.88	207.46	136.32	0.29
ALP1	0.0343966	0.602	0.796	0.259	0.80	165.57	103.25	135.25	89.26	0.57
2Q1	0.0357064	0.726	0.744	-0.324	0.78	117.64	96.37	319.25	101.71	0.95
Q1	0.0372185	0.284	0.695	-0.160	0.74	110.50	103.89	110.73	176.16	0.17
O1	0.0387307	1.155	0.831	-0.201	0.94	161.63	53.96	320.50	54.07	1.9
NO1	0.0402686	1.964	1.940	-0.124	1.48	134.61	60.18	190.63	74.05	1
*K1	0.0417807	2.266	0.814	-1.365	1.08	146.15	44.93	51.77	38.62	7.7
J1	0.0432929	0.139	0.578	-0.099	0.61	82.74	124.82	170.76	220.82	0.057
OO1	0.0448308	0.631	1.130	-0.215	1.00	70.78	87.52	330.80	151.93	0.31
UPS1	0.0463430	0.646	0.892	-0.538	0.95	150.26	118.99	26.99	152.26	0.53
EPS2	0.0761773	0.846	1.167	-0.187	1.06	31.29	83.28	109.58	103.55	0.53
MU2	0.0776895	0.597	0.995	-0.242	0.93	34.20	102.74	130.55	143.75	0.36
N2	0.0789992	1.529	1.517	0.417	1.32	162.33	57.68	57.99	82.62	1
*M2	0.0805114	5.425	1.519	1.416	1.47	3.53	16.86	346.77	17.36	13
L2	0.0820236	0.515	0.855	-0.266	0.79	102.26	132.24	123.84	128.76	0.36
S2	0.0833333	0.885	1.189	0.023	1.10	168.75	94.95	16.92	136.74	0.55
ETA2	0.0850736	0.868	1.179	-0.364	0.95	27.12	103.88	102.37	127.38	0.54
MO3	0.1192421	0.134	0.288	-0.092	0.24	170.58	142.93	291.59	244.06	0.21
M3	0.1207671	0.227	0.299	-0.082	0.29	172.66	112.37	303.48	150.86	0.58
MK3	0.1222921	0.084	0.293	0.029	0.24	46.59	133.87	187.52	206.27	0.083
SK3	0.1251141	0.186	0.296	0.039	0.27	131.39	105.31	215.47	124.88	0.4
*MN4	0.1595106	0.438	0.280	-0.220	0.30	33.47	59.61	310.39	59.69	2.5
*M4	0.1610228	1.008	0.299	-0.639	0.36	12.45	36.87	64.29	36.97	11
SN4	0.1623326	0.325	0.283	-0.039	0.30	35.51	64.05	178.38	62.67	1.3
*MS4	0.1638447	0.451	0.300	-0.245	0.28	11.01	62.10	278.46	64.39	2.3
S4	0.1666667	0.244	0.277	-0.113	0.28	54.00	83.69	61.14	94.10	0.78
2MK5	0.2028035	0.126	0.131	0.051	0.14	110.19	115.15	5.05	94.95	0.92
2SK5	0.2084474	0.101	0.146	-0.018	0.13	57.16	103.89	204.90	108.84	0.48
*2MN6	0.2400221	0.411	0.160	-0.159	0.17	45.77	33.81	29.09	28.11	6.6
*M6	0.2415342	0.570	0.177	-0.053	0.16	51.55	17.44	120.42	18.81	10
*2MS6	0.2443561	0.260	0.143	-0.116	0.14	51.93	53.76	331.80	47.41	3.3
2SM6	0.2471781	0.070	0.134	-0.044	0.12	59.13	124.54	169.59	163.23	0.27
3MK7	0.2833149	0.061	0.101	-0.037	0.11	143.73	120.77	252.63	144.36	0.37
M8	0.3220456	0.090	0.072	-0.075	0.08	140.26	115.83	325.15	115.89	1.6

total var= 154.9264 pred var= 20.8597

percent total var predicted/var original= 13.5 %