

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4952_1.txt

date: 31-Oct-2003

nobs = 2818, ngood = 2817, record length (days) = 117.42

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= 2.26, x trend= 0

var(x)= 110.0103 var(xp)= 61.2847 var(xres)= 48.7315

percent var predicted/var original= 55.7 %

y0= -1.22, x trend= 0

var(y)= 87.3534 var(yp)= 25.8069 var(yres)= 61.5066

percent var predicted/var original= 29.5 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.719	1.813	-0.500	1.42	83.98	85.48	206.08	192.55	0.16
MSF	0.0028219	1.627	2.100	-0.006	1.55	101.46	59.27	256.47	122.61	0.6
ALP1	0.0343966	0.771	0.740	-0.464	0.72	145.50	87.58	102.87	85.82	1.1
2Q1	0.0357064	0.446	0.508	0.184	0.56	148.33	100.05	279.12	112.03	0.77
Q1	0.0372185	0.363	0.657	-0.159	0.62	47.10	118.64	95.20	143.84	0.3
O1	0.0387307	0.465	0.636	-0.105	0.61	6.92	94.56	48.43	109.70	0.54
NO1	0.0402686	1.840	1.703	-0.277	1.41	172.78	65.03	186.81	64.23	1.2
*K1	0.0417807	1.568	0.797	-1.095	0.76	134.57	64.80	179.45	68.41	3.9
J1	0.0432929	0.484	0.718	-0.198	0.59	45.38	104.09	328.38	114.45	0.45
OO1	0.0448308	0.673	0.976	-0.264	0.94	29.53	108.77	284.32	123.67	0.48
UPS1	0.0463430	0.824	0.916	-0.256	0.89	98.76	83.40	20.06	89.25	0.81
EPS2	0.0761773	0.105	0.403	-0.025	0.40	103.63	116.63	157.31	191.89	0.068
MU2	0.0776895	0.120	0.427	-0.049	0.38	120.80	111.77	283.05	190.98	0.08
*N2	0.0789992	2.880	0.603	-0.333	0.68	26.26	13.26	295.22	13.32	23
*M2	0.0805114	12.113	0.579	-0.889	0.65	32.39	2.91	308.49	3.02	4.4e+002
*L2	0.0820236	1.564	0.456	-0.680	0.58	35.37	28.90	0.55	27.68	12
*S2	0.0833333	1.828	0.648	-0.059	0.63	37.14	23.79	7.30	20.51	8
ETA2	0.0850736	0.459	0.502	-0.138	0.48	86.71	81.95	352.25	123.95	0.84
MO3	0.1192421	0.315	0.319	-0.059	0.36	18.19	75.45	120.51	83.02	0.97
M3	0.1207671	0.254	0.292	-0.149	0.30	165.67	91.55	201.27	109.77	0.76
MK3	0.1222921	0.234	0.326	-0.047	0.30	113.93	105.77	335.23	108.68	0.51
SK3	0.1251141	0.192	0.303	0.122	0.31	21.37	98.71	102.74	123.75	0.4
*MN4	0.1595106	0.408	0.278	0.028	0.24	34.56	47.86	296.53	40.32	2.2
*M4	0.1610228	0.766	0.323	-0.179	0.28	48.36	27.77	301.21	25.01	5.6
*SN4	0.1623326	0.349	0.227	-0.087	0.28	173.05	83.47	61.73	82.37	2.4
MS4	0.1638447	0.305	0.248	0.097	0.27	64.55	58.84	33.90	77.70	1.5
S4	0.1666667	0.150	0.258	0.108	0.24	95.74	117.97	54.59	161.76	0.34
2MK5	0.2028035	0.156	0.166	-0.031	0.17	29.11	90.09	73.42	84.68	0.89
2SK5	0.2084474	0.176	0.172	-0.033	0.18	19.48	77.76	27.08	80.48	1
*2MN6	0.2400221	0.577	0.204	0.135	0.20	34.87	23.86	305.26	23.09	8
*M6	0.2415342	0.806	0.237	0.108	0.19	45.73	15.32	342.89	12.60	12
*2MS6	0.2443561	0.407	0.161	-0.093	0.20	38.46	31.24	30.62	31.34	6.4
2SM6	0.2471781	0.088	0.147	0.006	0.14	44.10	114.70	61.78	122.70	0.35
3MK7	0.2833149	0.055	0.115	0.001	0.12	107.24	140.20	124.59	151.33	0.23
M8	0.3220456	0.159	0.133	-0.042	0.13	37.25	50.56	3.49	58.63	1.4

total var= 197.3637 pred var= 87.0916

percent total var predicted/var original= 44.1 %