

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4524.txt

date: 31-Oct-2003

nobs = 2850, ngood = 2849, record length (days) = 118.75

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= 0.276, x trend= 0

var(x)= 74.9419 var(xp)= 57.5183 var(xres)= 17.2724

percent var predicted/var original= 76.8 %

y0= 0.263, x trend= 0

var(y)= 14.2083 var(yp)= 0.64971 var(yres)= 13.564

percent var predicted/var original= 4.6 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.150	1.378	-0.222	1.27	65.31	96.69	151.98	94.22	0.7
MSF	0.0028219	0.656	1.258	0.430	1.09	82.57	127.50	160.84	166.81	0.27
ALP1	0.0343966	0.230	0.405	0.016	0.34	140.52	99.39	90.36	131.00	0.32
2Q1	0.0357064	0.474	0.466	-0.169	0.41	130.64	66.82	123.58	74.80	1
Q1	0.0372185	0.334	0.469	-0.016	0.36	163.36	66.33	48.05	104.75	0.51
O1	0.0387307	0.602	0.516	-0.059	0.42	17.53	42.72	23.56	60.55	1.4
NO1	0.0402686	0.351	0.735	0.085	0.70	94.13	160.14	286.96	144.48	0.23
*K1	0.0417807	1.228	0.559	-0.723	0.42	176.91	33.15	169.24	41.86	4.8
J1	0.0432929	0.345	0.465	-0.045	0.32	166.99	73.25	295.13	129.27	0.55
OO1	0.0448308	0.221	0.523	-0.046	0.45	46.82	98.90	77.11	173.52	0.18
UPS1	0.0463430	0.515	0.593	-0.235	0.49	149.88	62.95	49.36	89.37	0.75
EPS2	0.0761773	0.266	0.373	-0.189	0.39	80.13	153.69	214.33	120.02	0.51
MU2	0.0776895	0.353	0.453	-0.051	0.34	170.76	71.90	232.80	103.88	0.61
*N2	0.0789992	2.218	0.587	0.154	0.38	173.08	12.24	23.00	14.55	14
*M2	0.0805114	10.029	0.517	0.169	0.44	2.78	2.11	359.84	3.37	3.8e+002
L2	0.0820236	0.435	0.369	-0.204	0.41	42.19	66.14	186.83	68.93	1.4
*S2	0.0833333	1.901	0.657	0.116	0.42	177.82	13.23	14.83	17.23	8.4
ETA2	0.0850736	0.414	0.440	-0.124	0.42	157.40	72.13	358.13	121.52	0.89
MO3	0.1192421	0.237	0.245	-0.002	0.19	2.97	53.37	1.96	84.38	0.94
M3	0.1207671	0.130	0.187	-0.087	0.17	143.55	116.90	82.98	160.19	0.48
MK3	0.1222921	0.092	0.187	-0.089	0.18	126.57	120.72	334.10	146.93	0.24
SK3	0.1251141	0.117	0.183	-0.062	0.19	13.46	78.42	31.85	139.02	0.41
*MN4	0.1595106	0.317	0.169	-0.227	0.16	54.93	78.41	222.79	73.90	3.5
*M4	0.1610228	0.676	0.210	-0.316	0.19	38.05	24.33	31.63	28.14	10
SN4	0.1623326	0.214	0.208	-0.069	0.17	140.80	57.45	29.39	63.56	1.1
*MS4	0.1638447	0.236	0.165	-0.163	0.16	41.55	79.07	181.54	89.00	2
S4	0.1666667	0.082	0.139	-0.077	0.15	134.72	142.81	259.48	170.23	0.35
2MK5	0.2028035	0.059	0.100	-0.009	0.07	12.79	83.05	276.03	137.00	0.35
2SK5	0.2084474	0.056	0.095	-0.012	0.08	170.33	84.02	292.93	124.87	0.35
*2MN6	0.2400221	0.235	0.154	0.014	0.12	17.62	31.33	298.85	42.30	2.3
*M6	0.2415342	0.418	0.157	0.003	0.14	19.21	17.76	89.87	22.34	7.1
2MS6	0.2443561	0.129	0.113	-0.024	0.12	60.44	87.22	325.57	79.93	1.3
2SM6	0.2471781	0.044	0.100	-0.003	0.10	8.44	91.53	174.83	170.98	0.19
3MK7	0.2833149	0.074	0.079	0.014	0.07	152.25	71.44	278.17	87.36	0.89
M8	0.3220456	0.041	0.051	-0.027	0.06	111.91	136.85	149.19	143.46	0.62

total var= 89.1502 pred var= 58.168

percent total var predicted/var original= 65.2 %