

file name: C:\SCHTUUFF\MASS\_BAY\MBLT\_REPORT\PLOTS\c4211.txt

date: 31-Oct-2003

nobs = 2688, ngood = 2687, record length (days) = 112.00

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= -0.219, x trend= 0

var(x)= 99.5376 var(xp)= 40.0208 var(xres)= 59.8697

percent var predicted/var original= 40.2 %

y0= 1.96, x trend= 0

var(y)= 78.4848 var(yp)= 5.2204 var(yres)= 73.2688

percent var predicted/var original= 6.7 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.050	2.632	-0.413	1.90	95.14	53.33	39.12	107.19	0.61
MSF	0.0028219	2.279	2.569	0.192	1.92	112.40	54.46	201.24	76.68	0.79
ALP1	0.0343966	0.292	0.622	-0.108	0.71	37.73	129.02	318.97	162.33	0.22
2Q1	0.0357064	0.496	0.669	-0.115	0.66	30.37	111.20	94.17	120.22	0.55
Q1	0.0372185	0.533	0.677	-0.291	0.76	39.34	110.06	339.34	113.15	0.62
O1	0.0387307	1.071	0.817	-0.102	0.85	15.11	63.36	125.16	58.68	1.7
NO1	0.0402686	0.711	1.474	-0.013	1.34	41.20	109.92	173.75	145.80	0.23
*K1	0.0417807	2.153	0.923	-1.522	0.97	141.45	53.52	104.31	57.95	5.4
J1	0.0432929	0.883	0.757	-0.493	0.69	97.44	86.25	280.14	81.35	1.4
OO1	0.0448308	1.096	1.135	-0.698	1.03	1.28	102.28	80.31	96.39	0.93
UPS1	0.0463430	0.700	0.969	-0.347	0.88	17.17	107.55	134.59	121.07	0.52
EPS2	0.0761773	0.926	0.894	-0.543	0.93	9.54	93.92	270.07	102.38	1.1
*MU2	0.0776895	1.599	1.063	-0.809	0.90	1.94	54.87	136.24	67.41	2.3
*N2	0.0789992	1.966	1.081	0.111	1.10	154.68	31.58	349.34	40.17	3.3
*M2	0.0805114	8.058	1.178	1.395	1.14	168.00	7.95	182.29	9.10	47
L2	0.0820236	1.041	0.835	-0.786	0.76	119.61	97.68	277.13	89.70	1.6
*S2	0.0833333	1.883	1.171	-0.409	0.86	153.45	35.71	99.63	38.43	2.6
ETA2	0.0850736	0.650	0.915	-0.513	0.72	175.78	139.70	8.74	177.26	0.5
MO3	0.1192421	0.106	0.357	0.072	0.37	124.22	118.80	131.04	219.48	0.088
M3	0.1207671	0.219	0.319	-0.037	0.34	150.28	109.64	315.96	124.10	0.47
MK3	0.1222921	0.494	0.411	-0.274	0.45	9.73	89.18	354.90	87.97	1.4
SK3	0.1251141	0.339	0.382	-0.192	0.39	98.31	106.77	339.70	123.05	0.79
*MN4	0.1595106	0.444	0.260	-0.128	0.29	176.53	57.06	129.44	54.37	2.9
*M4	0.1610228	1.291	0.277	-0.242	0.32	3.09	14.34	119.92	13.69	22
SN4	0.1623326	0.287	0.231	-0.038	0.27	24.07	77.77	212.75	60.29	1.5
*MS4	0.1638447	0.507	0.261	-0.280	0.29	14.31	63.66	52.99	65.10	3.8
S4	0.1666667	0.178	0.240	-0.043	0.25	161.19	117.13	199.97	95.11	0.55
2MK5	0.2028035	0.181	0.185	-0.055	0.20	70.91	97.27	60.44	76.99	0.95
2SK5	0.2084474	0.121	0.177	0.012	0.17	25.29	98.27	49.34	127.36	0.47
*2MN6	0.2400221	0.400	0.182	-0.062	0.18	44.00	30.95	29.92	31.74	4.8
*M6	0.2415342	0.633	0.208	0.015	0.20	47.85	17.49	223.27	18.39	9.3
2MS6	0.2443561	0.183	0.187	-0.116	0.16	47.02	104.92	147.78	99.16	0.96
2SM6	0.2471781	0.169	0.193	-0.046	0.16	134.48	80.85	58.29	83.02	0.76
3MK7	0.2833149	0.134	0.128	-0.037	0.13	151.19	69.39	99.27	83.37	1.1
M8	0.3220456	0.068	0.086	-0.003	0.09	126.13	95.37	153.10	99.38	0.62

total var= 178.0224 pred var= 45.2413

percent total var predicted/var original= 25.4 %