

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4791_15.txt

date: 31-Oct-2003

nobs = 1308, ngood = 1305, record length (days) = 54.50

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= 1.65, x trend= 0

var(x)= 105.76 var(xp)= 74.2406 var(xres)= 30.6485

percent var predicted/var original= 70.2 %

y0= 0.766, x trend= 0

var(y)= 39.4144 var(yp)= 1.3067 var(yres)= 38.1993

percent var predicted/var original= 3.3 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.499	2.223	-0.589	2.17	117.52	73.60	97.34	131.19	0.45
MSF	0.0028219	1.426	2.177	0.356	1.97	2.35	151.84	321.31	92.38	0.43
ALP1	0.0343966	0.904	0.669	-0.274	0.64	129.75	60.11	215.74	67.00	1.8
2Q1	0.0357064	0.580	0.621	0.184	0.63	109.24	79.61	50.06	90.65	0.87
Q1	0.0372185	0.419	0.628	0.097	0.53	110.63	84.64	244.70	114.49	0.44
O1	0.0387307	0.691	0.699	-0.190	0.65	123.69	70.03	310.01	86.92	0.98
NO1	0.0402686	0.988	1.451	-0.798	1.31	164.54	128.50	317.20	125.86	0.46
*K1	0.0417807	1.391	0.703	-0.812	0.69	38.17	59.22	181.62	57.60	3.9
J1	0.0432929	0.436	0.569	-0.116	0.59	137.22	109.98	320.28	104.44	0.59
OO1	0.0448308	1.066	1.112	-0.536	0.85	115.12	81.55	254.74	96.33	0.92
UPS1	0.0463430	0.632	0.903	-0.563	0.77	13.17	135.00	85.22	123.02	0.49
EPS2	0.0761773	0.391	0.481	0.044	0.59	102.23	119.00	215.73	99.69	0.66
MU2	0.0776895	0.473	0.546	0.322	0.62	133.24	108.41	195.17	142.24	0.75
*N2	0.0789992	1.814	0.932	-0.413	0.69	1.35	24.58	329.28	31.50	3.8
*M2	0.0805114	11.787	0.756	-0.842	0.69	1.61	3.28	298.09	4.48	2.4e+002
L2	0.0820236	0.534	0.513	0.113	0.51	175.22	59.80	128.94	97.42	1.1
*S2	0.0833333	1.665	0.811	-0.587	0.69	9.45	32.82	18.23	33.25	4.2
ETA2	0.0850736	0.780	0.683	0.126	0.70	46.32	67.91	302.89	65.62	1.3
MO3	0.1192421	0.134	0.313	-0.047	0.33	102.58	124.98	208.02	165.67	0.18
M3	0.1207671	0.289	0.356	-0.107	0.31	3.12	92.99	343.76	94.11	0.66
MK3	0.1222921	0.425	0.328	-0.066	0.40	177.73	65.64	184.78	62.09	1.7
SK3	0.1251141	0.358	0.344	-0.046	0.33	145.23	81.90	166.97	85.70	1.1
MN4	0.1595106	0.249	0.272	0.019	0.29	162.47	98.44	197.90	87.16	0.84
*M4	0.1610228	0.545	0.302	0.054	0.31	34.75	35.01	332.96	32.48	3.3
SN4	0.1623326	0.152	0.227	0.060	0.26	152.18	126.16	349.43	123.03	0.45
MS4	0.1638447	0.277	0.257	0.066	0.28	38.13	76.29	55.32	70.35	1.2
S4	0.1666667	0.161	0.259	-0.109	0.23	98.93	121.98	348.06	161.06	0.39
2MK5	0.2028035	0.163	0.217	0.020	0.21	101.74	89.13	350.18	107.75	0.57
2SK5	0.2084474	0.149	0.208	-0.027	0.21	120.25	97.35	110.00	132.26	0.51
2MN6	0.2400221	0.295	0.304	0.012	0.21	16.92	38.18	289.89	78.33	0.94
*M6	0.2415342	0.419	0.262	0.134	0.29	38.66	42.42	312.69	53.75	2.5
2MS6	0.2443561	0.320	0.243	-0.061	0.32	67.31	83.13	28.69	58.25	1.7
2SM6	0.2471781	0.194	0.259	-0.006	0.21	177.83	62.39	338.90	108.78	0.56
3MK7	0.2833149	0.147	0.251	0.017	0.19	142.92	80.27	353.81	110.67	0.34
*M8	0.3220456	0.274	0.187	0.066	0.19	22.82	56.23	317.32	50.59	2.2

total var= 145.1744 pred var= 75.5473

percent total var predicted/var original= 52.0 %