

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5322_10.txt

date: 31-Oct-2003

nobs = 2513, ngood = 2513, record length (days) = 104.71

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= -0.731, x trend= 0

var(x)= 72.0704 var(xp)= 34.6155 var(xres)= 37.578

percent var predicted/var original= 48.0 %

y0= -0.233, x trend= 0

var(y)= 118.8082 var(yp)= 61.9902 var(yres)= 56.9415

percent var predicted/var original= 52.2 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
*MM	0.0015122	4.750	3.302	0.583	2.70	112.09	33.87	240.68	42.49	2.1
MSF	0.0028219	1.260	2.683	0.457	2.06	81.07	81.09	165.92	157.58	0.22
ALP1	0.0343966	0.593	0.590	-0.148	0.69	73.70	93.37	70.55	88.73	1
2Q1	0.0357064	0.583	0.630	-0.222	0.55	134.81	86.39	294.20	99.55	0.86
Q1	0.0372185	0.120	0.482	-0.023	0.53	157.40	145.00	289.81	216.37	0.062
O1	0.0387307	0.382	0.622	-0.183	0.60	46.00	111.30	226.25	129.28	0.38
NO1	0.0402686	0.628	1.204	-0.331	1.10	6.77	127.87	122.29	145.58	0.27
K1	0.0417807	0.807	0.687	0.121	0.70	104.40	54.56	251.66	60.06	1.4
J1	0.0432929	0.779	0.701	-0.419	0.65	157.18	73.06	121.70	72.67	1.2
OO1	0.0448308	1.028	0.888	-0.738	0.87	131.79	110.64	239.17	115.96	1.3
UPS1	0.0463430	0.944	0.921	-0.407	0.88	61.72	85.13	119.70	73.83	1.1
EPS2	0.0761773	0.809	0.904	-0.341	0.92	16.97	100.34	32.56	100.69	0.8
MU2	0.0776895	0.509	0.856	-0.018	0.97	43.00	123.27	26.69	143.40	0.35
*N2	0.0789992	2.512	1.271	0.017	1.24	50.30	30.58	74.40	34.96	3.9
*M2	0.0805114	12.056	1.297	-1.546	1.30	52.99	6.64	148.79	5.79	86
*L2	0.0820236	1.396	0.983	-0.486	0.85	27.44	55.98	206.24	49.93	2
*S2	0.0833333	2.261	1.088	-0.686	1.34	25.68	33.60	98.59	40.31	4.3
ETA2	0.0850736	0.386	0.884	-0.111	0.88	50.48	118.97	134.62	159.66	0.19
MO3	0.1192421	0.340	0.317	0.001	0.41	160.70	86.59	98.98	71.64	1.2
M3	0.1207671	0.284	0.282	-0.117	0.37	152.43	114.26	333.82	99.80	1
MK3	0.1222921	0.297	0.315	-0.241	0.33	59.95	125.47	27.17	134.76	0.89
SK3	0.1251141	0.360	0.347	-0.043	0.35	69.89	71.36	314.30	81.74	1.1
MN4	0.1595106	0.445	0.346	-0.150	0.40	103.23	71.64	290.46	59.91	1.7
M4	0.1610228	0.505	0.434	-0.293	0.41	151.92	73.71	318.64	75.30	1.4
*SN4	0.1623326	0.575	0.394	-0.352	0.39	165.85	97.04	231.48	86.62	2.1
MS4	0.1638447	0.179	0.305	0.001	0.31	50.55	111.12	25.48	151.84	0.35
S4	0.1666667	0.214	0.337	-0.095	0.32	55.84	118.20	290.12	132.56	0.4
2MK5	0.2028035	0.244	0.176	-0.187	0.18	110.29	96.08	295.06	112.02	1.9
2SK5	0.2084474	0.198	0.218	0.037	0.18	69.06	76.56	342.55	76.41	0.83
*2MN6	0.2400221	0.432	0.267	0.064	0.24	90.04	38.19	101.45	39.83	2.6
*M6	0.2415342	0.848	0.256	-0.002	0.23	101.62	15.44	176.71	17.92	11
2MS6	0.2443561	0.301	0.243	-0.105	0.21	92.43	56.09	189.54	58.99	1.5
2SM6	0.2471781	0.258	0.235	-0.050	0.22	93.50	68.65	70.76	68.47	1.2
3MK7	0.2833149	0.189	0.161	0.027	0.15	174.65	51.70	189.63	62.81	1.4
M8	0.3220456	0.113	0.103	-0.073	0.10	80.16	105.53	240.08	89.11	1.2

total var= 190.8786 pred var= 96.6058

percent total var predicted/var original= 50.6 %