

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5541_10.txt

date: 31-Oct-2003

nobs = 2513, ngood = 2493, 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= 1.86, x trend= 0

var(x)= 45.3715 var(xp)= 7.2911 var(xres)= 38.1809

percent var predicted/var original= 16.1 %

y0= -5.43, x trend= 0

var(y)= 145.9251 var(yp)= 27.1818 var(yres)= 118.8193

percent var predicted/var original= 18.6 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	5.052	4.102	-0.698	3.01	120.90	38.43	225.61	45.31	1.5
MSF	0.0028219	3.592	3.514	-0.831	2.69	116.91	49.63	19.40	72.58	1
ALP1	0.0343966	0.288	0.573	0.018	0.59	135.50	107.76	157.14	139.56	0.25
2Q1	0.0357064	0.631	0.666	-0.326	0.60	128.95	88.93	194.09	86.03	0.9
Q1	0.0372185	0.785	0.600	-0.574	0.59	20.61	92.23	258.47	92.68	1.7
O1	0.0387307	0.500	0.555	-0.045	0.63	18.66	98.30	287.95	89.81	0.81
NO1	0.0402686	0.458	0.913	-0.231	1.11	59.44	110.82	185.14	169.28	0.25
*K1	0.0417807	1.005	0.625	-0.504	0.65	100.82	60.03	174.81	61.09	2.6
J1	0.0432929	0.469	0.566	-0.118	0.49	10.77	100.96	342.99	79.48	0.69
OO1	0.0448308	0.952	0.974	-0.643	0.89	159.58	90.57	206.24	99.32	0.96
UPS1	0.0463430	0.653	0.745	-0.367	0.66	92.45	92.69	132.73	105.67	0.77
EPS2	0.0761773	0.194	0.395	0.041	0.45	115.91	103.11	337.82	183.06	0.24
MU2	0.0776895	0.639	0.694	-0.230	0.53	77.32	64.43	270.05	74.11	0.85
*N2	0.0789992	2.233	0.710	-0.526	0.68	66.60	20.48	65.53	21.19	9.9
*M2	0.0805114	7.529	0.792	0.306	0.68	62.29	5.01	266.55	5.87	90
L2	0.0820236	0.439	0.466	0.015	0.42	11.37	98.19	67.74	80.00	0.89
*S2	0.0833333	1.243	0.757	0.385	0.55	88.17	35.07	233.39	41.83	2.7
ETA2	0.0850736	0.387	0.585	0.143	0.47	109.33	88.61	114.09	122.18	0.44
MO3	0.1192421	0.262	0.252	-0.011	0.24	133.92	80.51	9.11	88.14	1.1
M3	0.1207671	0.183	0.187	0.028	0.22	166.33	120.62	249.27	102.46	0.96
MK3	0.1222921	0.222	0.231	0.087	0.25	151.84	106.89	327.68	109.23	0.92
SK3	0.1251141	0.179	0.209	0.018	0.24	171.78	141.41	240.05	115.25	0.74
MN4	0.1595106	0.221	0.191	-0.091	0.18	117.25	64.51	25.81	73.74	1.3
M4	0.1610228	0.258	0.186	0.079	0.18	105.82	57.71	235.70	56.49	1.9
SN4	0.1623326	0.181	0.170	-0.050	0.16	112.39	69.99	174.58	71.38	1.1
MS4	0.1638447	0.167	0.173	0.020	0.17	60.46	78.72	74.44	86.65	0.94
S4	0.1666667	0.184	0.206	0.091	0.20	123.21	82.99	226.60	97.46	0.8
2MK5	0.2028035	0.081	0.149	0.028	0.13	91.91	94.34	333.00	132.63	0.3
2SK5	0.2084474	0.103	0.135	0.029	0.14	60.06	92.36	141.74	98.31	0.59
*2MN6	0.2400221	0.308	0.214	-0.018	0.11	94.99	21.73	354.66	39.24	2.1
*M6	0.2415342	0.708	0.195	0.010	0.11	95.69	9.66	174.84	17.05	13
*2MS6	0.2443561	0.332	0.188	-0.099	0.11	96.30	20.75	137.91	40.28	3.1
2SM6	0.2471781	0.102	0.133	-0.081	0.11	92.05	86.87	68.31	143.36	0.59
3MK7	0.2833149	0.090	0.097	-0.033	0.09	136.20	83.56	98.38	80.03	0.86
*M8	0.3220456	0.118	0.070	0.017	0.07	133.08	43.04	303.68	38.74	2.9

total var= 191.2966 pred var= 34.4728

percent total var predicted/var original= 18.0 %