file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5522_15.txt
date: 31-Oct-2003
nobs = 2163, ngood = 2147, record length (days) = 90.13
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= -0.995, x trend= 0

var(x)= 131.0243   var(xp)= 82.3734   var(xres)= 48.6235
percent var predicted/var original= 62.9 %

y0= -0.499, x trend= 0

var(y)= 105.6545   var(yp)= 10.007 var(yres)= 95.632
percent var predicted/var original= 9.5 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	2.669	3.008	-0.378	3.33	151.50	69.84	27.75	66.32	0.79
MSF	0.0028219	2.590	3.488	-1.357	1.95	104.59	46.89	271.82	120.12	0.55
ALP1	0.0343966	0.350	0.850	-0.322	0.82	12.76	155.82	272.74	171.71	0.17
2Q1	0.0357064	0.963	0.960	-0.124	0.90	90.29	59.99	258.34	79.59	1
*Q1	0.0372185	1.528	0.949	-0.846	1.04	129.40	62.32	205.74	61.50	2.6
O1	0.0387307	0.257	0.831	-0.082	0.77	52.87	116.37	329.18	193.48	0.096
NO1	0.0402686	0.953	1.809	-0.472	1.91	74.19	110.53	173.61	163.46	0.28
*K1	0.0417807	1.986	1.143	-1.111	0.97	95.05	49.02	191.63	51.17	3
J1	0.0432929	0.456	0.728	-0.065	0.71	131.83	107.79	252.90	157.82	0.39
OO1	0.0448308	1.297	1.472	-0.760	1.16	124.94	100.10	331.59	94.11	0.78
UPS1	0.0463430	0.964	1.125	-0.703	1.15	80.34	104.54	286.25	126.03	0.73
EPS2	0.0761773	0.617	0.743	-0.490	0.65	161.78	114.45	254.73	121.71	0.69
MU2	0.0776895	0.565	0.710	0.119	0.72	62.42	99.88	28.27	116.81	0.63
*N2	0.0789992	2.351	1.060	-0.541	0.85	18.18	25.90	208.88	27.29	4.9
*M2	0.0805114	12.520	1.014	-1.803	0.92	14.47	4.42	34.77	4.81	1.5e+002
L2	0.0820236	0.372	0.659	-0.181	0.62	51.16	118.05	317.23	132.49	0.32
*S2	0.0833333	2.696	0.967	-0.462	0.96	13.69	21.19	355.12	21.15	7.8
ETA2	0.0850736	0.436	0.692	-0.262	0.70	134.61	120.88	0.27	136.52	0.4
MO3	0.1192421	0.161	0.265	0.003	0.27	167.45	124.19	29.49	218.74	0.37
M3	0.1207671	0.122	0.299	-0.007	0.23	137.32	122.76	359.75	125.23	0.17
MK3	0.1222921	0.360	0.317	-0.107	0.32	161.59	83.14	346.66	68.56	1.3
SK3	0.1251141	0.321	0.309	-0.091	0.33	171.47	83.77	336.40	108.21	1.1
MN4	0.1595106	0.193	0.251	-0.132	0.23	56.48	90.29	31.42	110.80	0.59
*M4	0.1610228	0.629	0.268	-0.110	0.26	50.01	27.14	157.42	32.56	5.5
SN4	0.1623326	0.231	0.225	-0.079	0.27	14.24	99.02	86.49	81.30	1.1
MS4	0.1638447	0.265	0.274	-0.043	0.24	58.99	60.55	134.45	85.92	0.93
S4	0.1666667	0.180	0.224	0.027	0.24	155.88	115.08	328.81	108.60	0.64
2MK5	0.2028035	0.145	0.158	-0.032	0.15	111.32	95.32	214.48	88.00	0.84
2SK5	0.2084474	0.123	0.154	0.089	0.14	64.05	109.63	224.64	105.80	0.64
*2MN6	0.2400221	0.240	0.156	0.086	0.18	45.83	49.08	60.84	52.20	2.4
*M6	0.2415342	0.465	0.178	0.123	0.18	45.80	28.13	254.60	25.51	6.9
*2MS6	0.2443561	0.287	0.174	-0.027	0.21	68.60	42.21	225.94	39.04	2.7
2SM6	0.2471781	0.161	0.165	-0.093	0.16	101.37	99.47	138.37	99.09	0.95
3MK7	0.2833149	0.064	0.100	0.010	0.09	92.92	100.11	202.07	112.66	0.42
*M8	0.3220456	0.123	0.076	-0.017	0.08	173.85	45.97	212.88	49.40	2.6

total var= 236.6788   pred var= 92.3804
percent total var predicted/var original= 39.0 %