

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p3401.txt
 date: 23-May-2005
 nobs = 1180, ngood = 1179, record length (days) = 49.17
 start time: 28-Mar-1990 21:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.92e+003, x trend= 0

var(x)= 8936.2792 var(xp)= 8889.5157 var(xres)= 46.7635
 percent var predicted= 99.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	3.4174	3.092	68.14	51.85	1.2
MSF	0.00282	1.5329	3.092	177.28	115.59	0.25
ALP1	0.03440	0.4183	0.747	8.05	88.59	0.31
2Q1	0.03571	0.3804	0.747	336.27	94.74	0.26
Q1	0.03722	1.8806	0.747	177.96	19.59	6.3
O1	0.03873	11.5045	0.747	188.58	3.27	2.4e+002
NO1	0.04027	0.6829	0.747	246.95	63.97	0.84
K1	0.04178	13.1424	0.747	190.88	3.00	3.1e+002
J1	0.04329	0.5139	0.747	241.31	69.31	0.47
OO1	0.04483	0.6232	0.747	251.96	46.81	0.7
UPS1	0.04634	0.1693	0.747	107.05	164.07	0.051
EPS2	0.07618	0.1734	1.323	221.29	419.17	0.017
MU2	0.07769	5.1464	1.323	354.83	14.85	15
N2	0.07900	33.0030	1.323	77.96	2.35	6.2e+002
M2	0.08051	128.6478	1.323	107.46	0.60	9.5e+003
L2	0.08202	7.4002	1.323	143.25	8.90	31
S2	0.08333	22.4420	1.323	130.65	3.37	2.9e+002
ETA2	0.08507	0.0454	1.323	96.58	1110.24	0.0012
MO3	0.11924	0.6743	0.131	228.79	10.05	26
M3	0.12077	0.2794	0.131	124.07	27.94	4.5
MK3	0.12229	0.5470	0.131	220.11	12.99	17
SK3	0.12511	0.3349	0.131	200.16	20.67	6.5
MN4	0.15951	0.8654	0.101	329.41	6.99	74
M4	0.16102	1.5767	0.101	351.05	3.85	2.4e+002
SN4	0.16233	0.1780	0.101	233.46	33.11	3.1
MS4	0.16384	0.6335	0.101	28.69	9.33	40
S4	0.16667	0.1024	0.101	185.61	56.21	1
2MK5	0.20280	0.1468	0.084	137.44	31.91	3
2SK5	0.20845	0.1884	0.084	104.46	23.58	5
2MN6	0.24002	0.9734	0.226	242.58	14.27	19
M6	0.24153	1.3550	0.226	268.24	10.28	36
2MS6	0.24436	0.6777	0.226	317.62	20.02	9
2SM6	0.24718	0.1758	0.226	4.03	75.18	0.61
3MK7	0.28331	0.0527	0.038	215.81	41.16	1.9
M8	0.32205	0.0703	0.036	162.81	32.41	3.8

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p3471.txt
 date: 23-May-2005
 nobs = 1204, ngood = 1203, record length (days) = 50.17
 start time: 10-Jul-1990 22:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.94e+003, x trend= 0

var(x)= 9028.5368 var(xp)= 9006.7718 var(xres)= 21.765
 percent var predicted= 99.8 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.8161	0.792	124.25	55.64	1.1
MSF	0.00282	1.5255	0.792	21.39	29.76	3.7
ALP1	0.03440	0.3004	0.648	158.75	108.02	0.21
2Q1	0.03571	0.4059	0.648	180.86	77.65	0.39
Q1	0.03722	2.0282	0.648	150.18	15.91	9.8
O1	0.03873	11.1618	0.648	187.69	2.95	3e+002
NO1	0.04027	1.1655	0.648	164.26	41.10	3.2
K1	0.04178	13.9030	0.648	220.90	2.48	4.6e+002
J1	0.04329	1.3902	0.648	199.51	22.20	4.6
OO1	0.04483	0.6937	0.648	219.07	39.71	1.1
UPS1	0.04634	0.2880	0.648	111.72	87.68	0.2
EPS2	0.07618	1.0947	0.891	131.35	44.31	1.5
MU2	0.07769	4.3856	0.891	175.29	11.68	24
N2	0.07900	24.6516	0.891	66.38	2.11	7.7e+002
M2	0.08051	130.0189	0.891	108.35	0.40	2.1e+004
L2	0.08202	4.3203	0.891	170.40	9.51	24
S2	0.08333	20.0349	0.891	158.19	2.54	5.1e+002
ETA2	0.08507	0.2609	0.891	196.25	131.52	0.086
MO3	0.11924	0.6763	0.153	197.77	11.77	19
M3	0.12077	0.1816	0.153	137.70	50.00	1.4
MK3	0.12229	0.4796	0.153	264.17	17.38	9.8
SK3	0.12511	0.2496	0.153	310.49	32.62	2.7
MN4	0.15951	0.6981	0.165	334.70	14.17	18
M4	0.16102	1.7417	0.165	351.17	5.69	1.1e+002
SN4	0.16233	0.2481	0.165	29.17	38.95	2.2
MS4	0.16384	0.6363	0.165	54.02	15.21	15
S4	0.16667	0.0057	0.165	161.32	1659.38	0.0012
2MK5	0.20280	0.1458	0.057	77.66	21.90	6.4
2SK5	0.20845	0.1643	0.057	217.66	18.55	8.2
2MN6	0.24002	0.7140	0.254	224.95	21.71	7.9
M6	0.24153	1.6494	0.254	278.85	9.41	42
2MS6	0.24436	0.5707	0.254	358.16	26.58	5.1
2SM6	0.24718	0.0576	0.254	40.81	257.40	0.051
3MK7	0.28331	0.0051	0.026	349.89	290.46	0.038
M8	0.32205	0.0818	0.031	258.04	23.86	6.9

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p3581.txt
 date: 23-May-2005
 nobs = 2619, ngood = 2619, record length (days) = 109.13
 start time: 24-Oct-1990 17:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.93e+003, x trend= 0

var(x)= 8961.221 var(xp)= 8751.405 var(xres)= 209.816
 percent var predicted= 97.7 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.1998	4.216	248.05	109.81	0.27
MSF	0.00282	2.3465	4.216	74.83	102.94	0.31
ALP1	0.03440	0.4334	0.923	205.73	107.95	0.22
2Q1	0.03571	0.1610	0.923	103.68	282.91	0.03
Q1	0.03722	2.2464	0.923	156.47	20.77	5.9
O1	0.03873	10.8278	0.923	183.93	4.39	1.4e+002
NO1	0.04027	1.6046	0.923	164.03	55.88	3
K1	0.04178	15.9421	0.923	203.48	3.11	3e+002
J1	0.04329	0.6191	0.923	170.64	71.52	0.45
OO1	0.04483	0.3472	0.923	264.68	123.89	0.14
UPS1	0.04634	0.2785	0.923	172.74	136.58	0.091
EPS2	0.07618	1.0445	1.440	39.47	74.57	0.53
MU2	0.07769	4.7233	1.440	54.55	17.44	11
N2	0.07900	31.9060	1.440	70.23	2.64	4.9e+002
M2	0.08051	127.8708	1.440	105.54	0.66	7.9e+003
L2	0.08202	6.0969	1.440	157.64	10.45	18
S2	0.08333	17.7682	1.440	140.66	4.64	1.5e+002
ETA2	0.08507	0.3418	1.440	146.64	166.33	0.056
MO3	0.11924	0.5279	0.151	218.84	15.01	12
M3	0.12077	0.2791	0.151	151.32	31.88	3.4
MK3	0.12229	0.5102	0.151	243.04	16.20	11
SK3	0.12511	0.4692	0.151	342.93	17.28	9.6
MN4	0.15951	0.6333	0.137	333.39	12.85	21
M4	0.16102	1.3551	0.137	345.67	6.00	98
SN4	0.16233	0.1316	0.137	66.02	60.64	0.93
MS4	0.16384	0.4670	0.137	37.08	17.07	12
S4	0.16667	0.1507	0.137	110.60	51.90	1.2
2MK5	0.20280	0.1616	0.093	109.48	32.21	3
2SK5	0.20845	0.1356	0.093	336.84	36.92	2.1
2MN6	0.24002	0.9760	0.182	216.18	11.31	29
M6	0.24153	1.5015	0.182	259.73	7.34	68
2MS6	0.24436	0.4457	0.182	318.47	24.26	6
2SM6	0.24718	0.0570	0.182	61.14	186.07	0.098
3MK7	0.28331	0.0406	0.037	22.92	52.21	1.2
M8	0.32205	0.0568	0.037	237.40	39.94	2.4

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p3741.txt
 date: 23-May-2005
 nobs = 872, ngood = 871, record length (days) = 36.33
 start time: 12-Feb-1991 21:57:31
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.94e+003, x trend= 0

var(x)= 9250.516 var(xp)= 9152.0104 var(xres)= 98.5056
 percent var predicted= 98.9 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	5.9028	1.730	250.74	16.79	12
MSF	0.00282	8.7054	1.730	352.23	11.39	25
ALP1	0.03440	0.2762	0.775	31.23	143.54	0.13
2Q1	0.03571	0.7961	0.775	63.91	48.62	1.1
Q1	0.03722	1.6964	0.775	138.95	23.35	4.8
O1	0.03873	12.1439	0.775	187.24	3.32	2.5e+002
NO1	0.04027	1.2585	0.775	178.30	61.69	2.6
K1	0.04178	11.8782	0.775	215.77	3.53	2.3e+002
J1	0.04329	0.6997	0.775	193.66	53.67	0.81
OO1	0.04483	1.9539	0.775	237.70	19.17	6.4
UPS1	0.04634	0.4851	0.775	20.49	67.80	0.39
EPS2	0.07618	1.3723	0.624	121.92	24.56	4.8
MU2	0.07769	3.9512	0.624	198.51	9.01	40
N2	0.07900	24.6795	0.624	61.98	1.48	1.6e+003
M2	0.08051	129.2852	0.624	106.05	0.28	4.3e+004
L2	0.08202	4.1359	0.624	178.52	6.69	44
S2	0.08333	26.8978	0.624	151.07	1.33	1.9e+003
ETA2	0.08507	0.6424	0.624	52.55	39.11	1.1
MO3	0.11924	0.5429	0.141	198.72	13.74	15
M3	0.12077	0.1908	0.141	124.42	43.47	1.8
MK3	0.12229	0.3398	0.141	269.37	22.83	5.8
SK3	0.12511	0.1851	0.141	75.61	41.20	1.7
MN4	0.15951	0.7209	0.247	345.97	20.33	8.5
M4	0.16102	1.4694	0.247	351.58	9.94	35
SN4	0.16233	0.3916	0.247	19.80	36.79	2.5
MS4	0.16384	0.7046	0.247	62.52	20.39	8.1
S4	0.16667	0.0968	0.247	163.06	145.91	0.15
2MK5	0.20280	0.0955	0.117	94.99	68.46	0.66
2SK5	0.20845	0.1620	0.117	74.51	39.02	1.9
2MN6	0.24002	0.5635	0.342	198.76	36.61	2.7
M6	0.24153	1.4555	0.342	260.56	14.13	18
2MS6	0.24436	0.6611	0.342	326.45	30.59	3.7
2SM6	0.24718	0.1867	0.342	26.10	106.48	0.3
3MK7	0.28331	0.0178	0.049	44.60	156.62	0.13
M8	0.32205	0.0592	0.067	248.28	69.12	0.78

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p3831.txt
 date: 23-May-2005
 nobs = 3041, ngood = 3041, record length (days) = 126.71
 start time: 11-Jun-1991 22:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.92e+003, x trend= 0

var(x)= 9155.8897 var(xp)= 9022.2878 var(xres)= 133.602
 percent var predicted= 98.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	1.5829	1.619	212.88	58.60	0.96
MSF	0.00282	1.3673	1.619	238.88	67.84	0.71
ALP1	0.03440	0.2100	0.680	259.26	169.20	0.095
2Q1	0.03571	0.5042	0.680	180.17	69.30	0.55
Q1	0.03722	2.1842	0.680	162.61	16.33	10
O1	0.03873	11.3305	0.680	182.64	3.19	2.8e+002
NO1	0.04027	1.2320	0.680	160.14	42.26	3.3
K1	0.04178	13.3957	0.680	208.77	2.78	3.9e+002
J1	0.04329	1.3994	0.680	219.29	24.29	4.2
OO1	0.04483	0.4554	0.680	244.91	74.64	0.45
UPS1	0.04634	0.1117	0.680	354.13	273.22	0.027
EPS2	0.07618	1.1998	1.412	84.79	63.67	0.72
MU2	0.07769	2.1731	1.412	100.66	36.95	2.4
N2	0.07900	30.8045	1.412	68.04	2.67	4.8e+002
M2	0.08051	127.5684	1.412	106.63	0.64	8.2e+003
L2	0.08202	5.2841	1.412	168.40	12.63	14
S2	0.08333	19.8364	1.412	144.67	4.07	2e+002
ETA2	0.08507	0.0646	1.412	191.41	932.13	0.0021
MO3	0.11924	0.6427	0.120	194.18	10.05	29
M3	0.12077	0.3463	0.120	142.08	20.20	8.3
MK3	0.12229	0.5156	0.120	228.17	12.90	18
SK3	0.12511	0.1990	0.120	293.48	33.05	2.7
MN4	0.15951	0.5917	0.149	326.05	14.79	16
M4	0.16102	1.6156	0.149	351.52	5.39	1.2e+002
SN4	0.16233	0.1722	0.149	109.42	50.23	1.3
MS4	0.16384	0.6095	0.149	41.40	14.12	17
S4	0.16667	0.1070	0.149	104.20	79.56	0.52
2MK5	0.20280	0.1605	0.099	123.60	34.52	2.6
2SK5	0.20845	0.1386	0.099	244.53	39.10	2
2MN6	0.24002	0.9380	0.170	219.59	10.80	30
M6	0.24153	1.5419	0.170	273.23	6.54	82
2MS6	0.24436	0.6172	0.170	324.12	16.15	13
2SM6	0.24718	0.0578	0.170	1.87	170.42	0.12
3MK7	0.28331	0.0205	0.057	38.40	157.07	0.13
M8	0.32205	0.0346	0.059	248.08	101.86	0.34

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p3891.txt
 date: 23-May-2005
 nobs = 2784, ngood = 2675, record length (days) = 116.00
 start time: 16-Oct-1991 22:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.16e+003, x trend= 0

var(x)= 12230.6089 var(xp)= 9416.6098 var(xres)= 2813.9992
 percent var predicted= 77.0 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	29.9094	11.740	112.70	22.49	6.5
MSF	0.00282	4.9591	11.740	165.08	135.64	0.18
ALP1	0.03440	0.1578	1.022	316.99	344.79	0.024
2Q1	0.03571	0.5040	1.022	128.81	106.55	0.24
Q1	0.03722	2.3579	1.022	185.39	23.19	5.3
O1	0.03873	11.5543	1.022	184.93	4.79	1.3e+002
NO1	0.04027	0.8404	1.022	190.37	73.36	0.68
K1	0.04178	15.7552	1.022	201.82	3.59	2.4e+002
J1	0.04329	0.7566	1.022	273.65	69.52	0.55
OO1	0.04483	0.2216	1.022	192.01	230.03	0.047
UPS1	0.04634	1.0000	1.022	273.37	47.66	0.96
EPS2	0.07618	0.7968	1.533	54.80	104.69	0.27
MU2	0.07769	2.8462	1.533	9.50	30.59	3.4
N2	0.07900	29.9242	1.533	78.46	2.97	3.8e+002
M2	0.08051	129.8602	1.533	107.43	0.68	7.2e+003
L2	0.08202	6.9931	1.533	155.75	11.38	21
S2	0.08333	18.9419	1.533	137.88	4.63	1.5e+002
ETA2	0.08507	0.2290	1.533	257.26	301.37	0.022
MO3	0.11924	0.5552	0.148	191.95	14.58	14
M3	0.12077	0.5411	0.148	111.82	15.86	13
MK3	0.12229	0.6519	0.148	237.14	12.68	19
SK3	0.12511	0.5047	0.148	12.01	16.27	12
MN4	0.15951	0.6949	0.138	330.97	11.60	25
M4	0.16102	1.5640	0.138	356.28	5.13	1.3e+002
SN4	0.16233	0.1529	0.138	30.52	52.34	1.2
MS4	0.16384	0.5999	0.138	30.08	13.28	19
S4	0.16667	0.1940	0.138	136.15	40.80	2
2MK5	0.20280	0.0942	0.083	92.90	49.67	1.3
2SK5	0.20845	0.2887	0.083	19.91	15.99	12
2MN6	0.24002	1.0127	0.223	238.11	12.90	21
M6	0.24153	1.6447	0.223	262.47	7.91	55
2MS6	0.24436	0.6977	0.223	322.03	18.51	9.8
2SM6	0.24718	0.1089	0.223	167.74	117.73	0.24
3MK7	0.28331	0.0887	0.036	42.94	23.08	6
M8	0.32205	0.1116	0.034	209.46	17.87	11

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4001.txt
 date: 23-May-2005
 nobs = 2701, ngood = 2701, record length (days) = 112.54
 start time: 02-Jun-1992 22:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.92e+003, x trend= 0

var(x)= 9498.6228 var(xp)= 9448.2786 var(xres)= 50.3442
 percent var predicted= 99.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.5990	1.298	208.91	124.19	0.21
MSF	0.00282	0.5830	1.298	88.76	127.59	0.2
ALP1	0.03440	0.1912	0.610	79.08	177.14	0.098
2Q1	0.03571	0.4111	0.610	159.51	81.70	0.45
Q1	0.03722	2.3324	0.610	168.22	14.60	15
O1	0.03873	11.4300	0.610	185.46	3.02	3.5e+002
NO1	0.04027	1.4129	0.610	186.69	19.76	5.4
K1	0.04178	14.3048	0.610	214.10	2.41	5.5e+002
J1	0.04329	1.1035	0.610	213.68	30.31	3.3
OO1	0.04483	0.4228	0.610	215.45	72.08	0.48
UPS1	0.04634	0.0986	0.610	357.60	315.02	0.026
EPS2	0.07618	0.6303	1.160	109.72	101.86	0.3
MU2	0.07769	3.7481	1.160	50.64	17.55	10
N2	0.07900	34.5052	1.160	80.63	1.92	8.9e+002
M2	0.08051	129.7403	1.160	110.22	0.51	1.3e+004
L2	0.08202	8.5853	1.160	158.97	8.87	55
S2	0.08333	18.3275	1.160	152.53	3.63	2.5e+002
ETA2	0.08507	0.1988	1.160	347.43	298.06	0.029
MO3	0.11924	0.5616	0.110	204.80	11.07	26
M3	0.12077	0.3697	0.110	144.25	17.04	11
MK3	0.12229	0.4595	0.110	256.81	13.56	17
SK3	0.12511	0.2570	0.110	297.40	24.28	5.4
MN4	0.15951	0.8734	0.114	342.28	7.44	59
M4	0.16102	1.6173	0.114	1.51	4.02	2e+002
SN4	0.16233	0.1544	0.114	190.59	42.16	1.8
MS4	0.16384	0.6187	0.114	51.17	10.52	30
S4	0.16667	0.0190	0.114	84.60	343.33	0.028
2MK5	0.20280	0.1486	0.049	116.95	18.68	9.1
2SK5	0.20845	0.0991	0.049	210.59	28.09	4.1
2MN6	0.24002	1.1214	0.158	244.54	8.01	51
M6	0.24153	1.4929	0.158	283.78	6.02	90
2MS6	0.24436	0.6003	0.158	345.48	15.00	14
2SM6	0.24718	0.0739	0.158	10.11	121.99	0.22
3MK7	0.28331	0.0075	0.022	41.36	163.05	0.12
M8	0.32205	0.0923	0.024	249.97	14.75	15

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4071.txt
 date: 23-May-2005
 nobs = 2898, ngood = 2897, record length (days) = 120.75
 start time: 20-Oct-1992 21:59:58
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.99e+003, x trend= 0

var(x)= 10695.8643 var(xp)= 9597.652 var(xres)= 1098.2123
 percent var predicted= 89.7 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	7.5938	12.916	350.13	97.45	0.35
MSF	0.00282	3.8767	12.916	136.31	190.89	0.09
ALP1	0.03440	0.0941	0.927	57.19	562.90	0.01
2Q1	0.03571	0.9767	0.927	170.98	53.92	1.1
Q1	0.03722	1.4107	0.927	180.73	37.71	2.3
O1	0.03873	11.5577	0.927	186.16	4.65	1.6e+002
NO1	0.04027	0.7117	0.927	258.54	55.57	0.59
K1	0.04178	16.3170	0.927	203.10	3.27	3.1e+002
J1	0.04329	0.6324	0.927	224.56	83.53	0.47
OO1	0.04483	0.3889	0.927	265.80	123.06	0.18
UPS1	0.04634	0.2922	0.927	190.69	174.39	0.099
EPS2	0.07618	0.4605	1.541	95.92	187.79	0.089
MU2	0.07769	1.9992	1.541	321.63	43.72	1.7
N2	0.07900	29.1739	1.541	78.71	3.00	3.6e+002
M2	0.08051	130.1898	1.541	106.26	0.67	7.1e+003
L2	0.08202	6.1806	1.541	149.31	18.24	16
S2	0.08333	19.4256	1.541	141.05	4.55	1.6e+002
ETA2	0.08507	0.5399	1.541	245.21	159.93	0.12
MO3	0.11924	0.4095	0.146	218.68	20.60	7.8
M3	0.12077	0.4621	0.146	133.38	17.97	10
MK3	0.12229	0.4861	0.146	252.46	17.20	11
SK3	0.12511	0.5235	0.146	4.95	16.08	13
MN4	0.15951	0.8030	0.145	353.08	10.20	31
M4	0.16102	1.5060	0.145	358.81	5.45	1.1e+002
SN4	0.16233	0.1302	0.145	341.68	63.36	0.8
MS4	0.16384	0.5363	0.145	46.68	15.42	14
S4	0.16667	0.1398	0.145	107.15	59.55	0.93
2MK5	0.20280	0.1504	0.086	102.56	32.46	3.1
2SK5	0.20845	0.2241	0.086	12.33	22.09	6.8
2MN6	0.24002	0.7305	0.196	231.91	15.04	14
M6	0.24153	1.4561	0.196	265.34	7.57	55
2MS6	0.24436	0.5299	0.196	314.14	20.93	7.3
2SM6	0.24718	0.0966	0.196	150.33	115.55	0.24
3MK7	0.28331	0.0539	0.045	343.27	47.01	1.4
M8	0.32205	0.0700	0.036	175.08	28.33	3.9

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4131.txt
 date: 23-May-2005
 nobs = 2661, ngood = 2661, record length (days) = 110.88
 start time: 25-Feb-1993 17:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.12e+003, x trend= 0

var(x)= 10229.3754 var(xp)= 10070.7896 var(xres)= 158.5858
 percent var predicted= 98.4 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.5776	3.165	300.54	70.36	0.66
MSF	0.00282	2.4941	3.165	229.13	72.72	0.62
ALP1	0.03440	0.8545	0.691	318.34	47.53	1.5
2Q1	0.03571	0.2982	0.691	53.86	135.90	0.19
Q1	0.03722	1.8385	0.691	152.43	22.17	7.1
O1	0.03873	11.6299	0.691	185.70	3.53	2.8e+002
NO1	0.04027	0.5421	0.691	161.50	54.10	0.61
K1	0.04178	13.7005	0.691	192.33	2.94	3.9e+002
J1	0.04329	1.1327	0.691	213.01	35.95	2.7
OO1	0.04483	0.7452	0.691	234.40	50.73	1.2
UPS1	0.04634	0.4027	0.691	337.75	102.55	0.34
EPS2	0.07618	1.0264	1.358	96.09	75.16	0.57
MU2	0.07769	2.5394	1.358	98.85	30.34	3.5
N2	0.07900	32.6369	1.358	68.03	2.35	5.8e+002
M2	0.08051	134.3593	1.358	106.22	0.57	9.8e+003
L2	0.08202	9.5102	1.358	155.63	10.50	49
S2	0.08333	21.9582	1.358	137.32	3.54	2.6e+002
ETA2	0.08507	0.2636	1.358	113.61	313.52	0.038
MO3	0.11924	0.5728	0.100	217.38	10.22	33
M3	0.12077	0.2155	0.100	127.36	26.10	4.7
MK3	0.12229	0.3571	0.100	220.27	16.12	13
SK3	0.12511	0.1062	0.100	187.62	54.78	1.1
MN4	0.15951	0.9317	0.167	333.87	10.03	31
M4	0.16102	1.8979	0.167	2.96	4.94	1.3e+002
SN4	0.16233	0.2503	0.167	83.59	37.75	2.2
MS4	0.16384	0.7354	0.167	45.48	12.89	19
S4	0.16667	0.1347	0.167	103.49	71.12	0.65
2MK5	0.20280	0.1501	0.049	110.17	18.57	9.4
2SK5	0.20845	0.1580	0.049	113.03	18.03	10
2MN6	0.24002	1.0312	0.139	217.12	7.46	55
M6	0.24153	1.6054	0.139	267.49	4.81	1.3e+002
2MS6	0.24436	0.6279	0.139	320.45	12.43	20
2SM6	0.24718	0.1428	0.139	5.58	55.27	1.1
3MK7	0.28331	0.0066	0.031	76.62	267.07	0.045
M8	0.32205	0.1061	0.031	240.09	16.03	12

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4201.txt
 date: 23-May-2005
 nobs = 2705, ngood = 2705, record length (days) = 112.71
 start time: 15-Jun-1993 19:59:59
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.18e+003, x trend= 0

var(x)= 9761.4814 var(xp)= 9707.7773 var(xres)= 53.7041
 percent var predicted= 99.4 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.7570	0.869	227.58	65.80	0.76
MSF	0.00282	0.4877	0.869	19.09	102.15	0.31
ALP1	0.03440	0.1708	0.614	331.72	216.61	0.077
2Q1	0.03571	0.0665	0.614	105.45	557.92	0.012
Q1	0.03722	1.6656	0.614	166.00	22.29	7.4
O1	0.03873	11.4403	0.614	184.07	3.25	3.5e+002
NO1	0.04027	1.2624	0.614	214.84	21.30	4.2
K1	0.04178	13.6173	0.614	212.66	2.66	4.9e+002
J1	0.04329	1.0242	0.614	189.26	36.33	2.8
OO1	0.04483	0.5308	0.614	210.58	68.28	0.75
UPS1	0.04634	0.2048	0.614	29.96	195.62	0.11
EPS2	0.07618	0.0988	1.066	7.14	619.19	0.0086
MU2	0.07769	1.7514	1.066	334.46	34.52	2.7
N2	0.07900	30.6117	1.066	83.80	1.96	8.3e+002
M2	0.08051	131.0763	1.066	108.23	0.46	1.5e+004
L2	0.08202	7.0257	1.066	129.95	10.48	43
S2	0.08333	19.6568	1.066	148.20	3.11	3.4e+002
ETA2	0.08507	0.2478	1.066	326.98	281.97	0.054
MO3	0.11924	0.4934	0.069	203.81	8.30	52
M3	0.12077	0.2459	0.069	127.38	15.66	13
MK3	0.12229	0.4563	0.069	253.58	8.76	44
SK3	0.12511	0.2630	0.069	293.62	15.42	15
MN4	0.15951	0.8838	0.081	352.63	5.09	1.2e+002
M4	0.16102	1.7208	0.081	358.49	2.62	4.5e+002
SN4	0.16233	0.1107	0.081	238.96	41.23	1.9
MS4	0.16384	0.6271	0.081	45.53	7.29	60
S4	0.16667	0.0245	0.081	111.81	189.29	0.092
2MK5	0.20280	0.0862	0.055	142.54	36.69	2.4
2SK5	0.20845	0.1048	0.055	239.36	31.06	3.6
2MN6	0.24002	0.9265	0.171	248.65	10.14	29
M6	0.24153	1.6448	0.171	277.45	5.72	92
2MS6	0.24436	0.5730	0.171	330.72	16.66	11
2SM6	0.24718	0.0920	0.171	20.63	105.31	0.29
3MK7	0.28331	0.0233	0.017	100.09	42.43	1.8
M8	0.32205	0.1015	0.024	229.40	12.59	19

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4281.txt
 date: 23-May-2005
 nobs = 3133, ngood = 3133, record length (days) = 130.54
 start time: 05-Oct-1993 14:59:57
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.21e+003, x trend= 0

var(x)= 13501.8582 var(xp)= 9869.532 var(xres)= 3632.3262
 percent var predicted= 73.1 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	13.7759	28.033	143.39	116.59	0.24
MSF	0.00282	5.8688	28.033	68.44	273.68	0.044
ALP1	0.03440	0.9993	0.957	118.72	59.35	1.1
2Q1	0.03571	0.1777	0.957	154.13	336.85	0.034
Q1	0.03722	2.0913	0.957	185.70	28.43	4.8
O1	0.03873	10.6940	0.957	188.29	5.52	1.2e+002
NO1	0.04027	1.3212	0.957	231.20	34.02	1.9
K1	0.04178	15.2844	0.957	204.94	3.74	2.6e+002
J1	0.04329	1.0489	0.957	308.33	56.91	1.2
OO1	0.04483	1.3839	0.957	203.91	45.51	2.1
UPS1	0.04634	0.5846	0.957	320.82	118.98	0.37
EPS2	0.07618	0.0947	1.120	289.90	685.96	0.0071
MU2	0.07769	1.9222	1.120	115.55	33.04	2.9
N2	0.07900	30.0424	1.120	71.33	2.10	7.2e+002
M2	0.08051	130.1507	1.120	107.11	0.48	1.4e+004
L2	0.08202	6.1850	1.120	149.38	11.31	31
S2	0.08333	19.4542	1.120	139.12	3.30	3e+002
ETA2	0.08507	0.4413	1.120	183.11	179.83	0.16
MO3	0.11924	0.3936	0.212	239.62	32.57	3.5
M3	0.12077	0.2663	0.212	154.09	44.28	1.6
MK3	0.12229	0.2345	0.212	276.58	53.03	1.2
SK3	0.12511	0.4459	0.212	350.51	28.40	4.4
MN4	0.15951	0.6733	0.176	340.63	14.45	15
M4	0.16102	1.5466	0.176	351.25	6.29	77
SN4	0.16233	0.1848	0.176	55.09	53.62	1.1
MS4	0.16384	0.6160	0.176	36.31	16.09	12
S4	0.16667	0.1664	0.176	84.03	60.66	0.9
2MK5	0.20280	0.2351	0.121	100.42	29.71	3.8
2SK5	0.20845	0.1741	0.121	323.85	41.61	2.1
2MN6	0.24002	1.0065	0.195	228.95	10.53	27
M6	0.24153	1.5886	0.195	266.68	6.67	66
2MS6	0.24436	0.6301	0.195	318.46	17.13	10
2SM6	0.24718	0.1393	0.195	1.08	78.91	0.51
3MK7	0.28331	0.0454	0.077	202.53	95.96	0.35
M8	0.32205	0.0777	0.061	171.16	42.07	1.6

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4301.txt
 date: 23-May-2005
 nobs = 2689, ngood = 2689, record length (days) = 112.04
 start time: 15-Feb-1994 17:59:59
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.22e+003, x trend= 0

var(x)= 9864.1136 var(xp)= 9757.7746 var(xres)= 106.3391
 percent var predicted= 98.9 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.2908	2.320	342.36	58.04	0.97
MSF	0.00282	2.3995	2.320	241.62	55.41	1.1
ALP1	0.03440	0.4304	0.644	350.33	95.52	0.45
2Q1	0.03571	0.6111	0.644	115.40	68.35	0.9
Q1	0.03722	2.1723	0.644	160.83	18.94	11
O1	0.03873	10.7681	0.644	185.14	3.76	2.8e+002
NO1	0.04027	1.1333	0.644	199.43	29.68	3.1
K1	0.04178	12.6732	0.644	198.91	3.08	3.9e+002
J1	0.04329	0.8909	0.644	230.69	46.41	1.9
OO1	0.04483	0.5075	0.644	288.46	95.98	0.62
UPS1	0.04634	0.1012	0.644	265.55	521.68	0.025
EPS2	0.07618	0.9234	1.329	69.65	84.17	0.48
MU2	0.07769	2.9112	1.329	26.27	25.88	4.8
N2	0.07900	33.1278	1.329	79.83	2.26	6.2e+002
M2	0.08051	131.0423	1.329	106.88	0.57	9.7e+003
L2	0.08202	7.6752	1.329	128.97	9.77	33
S2	0.08333	22.2295	1.329	139.94	3.43	2.8e+002
ETA2	0.08507	0.6545	1.329	84.05	154.75	0.24
MO3	0.11924	0.4549	0.107	207.61	14.53	18
M3	0.12077	0.1698	0.107	141.32	35.03	2.5
MK3	0.12229	0.3224	0.107	202.34	19.76	9
SK3	0.12511	0.1434	0.107	169.52	45.39	1.8
MN4	0.15951	0.8816	0.120	342.22	7.52	54
M4	0.16102	1.7390	0.120	357.39	3.81	2.1e+002
SN4	0.16233	0.2538	0.120	161.31	26.71	4.4
MS4	0.16384	0.6622	0.120	46.08	10.22	30
S4	0.16667	0.0179	0.120	142.53	387.04	0.022
2MK5	0.20280	0.1390	0.062	135.66	25.99	5
2SK5	0.20845	0.2700	0.062	99.75	13.98	19
2MN6	0.24002	1.0571	0.145	236.02	7.39	53
M6	0.24153	1.4769	0.145	268.95	5.28	1e+002
2MS6	0.24436	0.6252	0.145	317.24	12.74	19
2SM6	0.24718	0.0746	0.145	340.25	109.11	0.27
3MK7	0.28331	0.0160	0.032	24.12	112.40	0.26
M8	0.32205	0.0825	0.031	236.80	19.74	7.1

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4401.txt
 date: 23-May-2005
 nobs = 2853, ngood = 2853, record length (days) = 118.88
 start time: 07-Jun-1994 14:59:59
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.32e+003, x trend= 0

var(x)= 9584.7734 var(xp)= 9524.9685 var(xres)= 59.8049
 percent var predicted= 99.4 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	1.7623	1.566	225.75	50.90	1.3
MSF	0.00282	1.6767	1.566	41.53	53.50	1.1
ALP1	0.03440	0.5484	0.610	316.36	72.88	0.81
2Q1	0.03571	0.4986	0.610	104.16	81.70	0.67
Q1	0.03722	1.4165	0.610	161.98	28.15	5.4
O1	0.03873	11.1812	0.610	185.70	3.50	3.4e+002
NO1	0.04027	1.2681	0.610	203.32	28.32	4.3
K1	0.04178	14.1758	0.610	212.79	2.64	5.4e+002
J1	0.04329	0.7152	0.610	196.06	56.05	1.4
OO1	0.04483	0.2981	0.610	310.08	179.31	0.24
UPS1	0.04634	0.5389	0.610	322.27	103.81	0.78
EPS2	0.07618	0.4530	1.029	120.91	133.54	0.19
MU2	0.07769	1.8822	1.029	215.47	30.96	3.3
N2	0.07900	26.0888	1.029	76.92	2.21	6.4e+002
M2	0.08051	130.7281	1.029	107.82	0.44	1.6e+004
L2	0.08202	3.6143	1.029	138.55	14.87	12
S2	0.08333	18.8411	1.029	148.20	3.13	3.4e+002
ETA2	0.08507	0.3370	1.029	19.73	246.67	0.11
MO3	0.11924	0.5711	0.075	204.56	8.23	58
M3	0.12077	0.1760	0.075	122.12	23.59	5.5
MK3	0.12229	0.4803	0.075	247.84	9.39	41
SK3	0.12511	0.2291	0.075	290.23	20.17	9.3
MN4	0.15951	0.7380	0.098	345.27	7.28	57
M4	0.16102	1.7271	0.098	357.22	3.10	3.1e+002
SN4	0.16233	0.1834	0.098	24.87	30.05	3.5
MS4	0.16384	0.6347	0.098	46.12	8.66	42
S4	0.16667	0.0541	0.098	186.27	104.16	0.3
2MK5	0.20280	0.1418	0.053	111.32	22.00	7.1
2SK5	0.20845	0.1418	0.053	252.43	23.13	7.1
2MN6	0.24002	0.7083	0.173	242.53	13.07	17
M6	0.24153	1.6894	0.173	276.97	5.46	96
2MS6	0.24436	0.5320	0.173	336.68	17.79	9.5
2SM6	0.24718	0.0631	0.173	9.05	153.79	0.13
3MK7	0.28331	0.0129	0.020	262.07	86.74	0.44
M8	0.32205	0.0825	0.023	242.48	14.85	12

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4421.txt
 date: 23-May-2005
 nobs = 2150, ngood = 2149, record length (days) = 89.58
 start time: 06-Jul-1994 19:59:58
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.34e+003, x trend= 0

var(x)= 9539.0848 var(xp)= 9439.4038 var(xres)= 99.6809
 percent var predicted= 99.0 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	1.4540	4.662	189.52	183.71	0.097
MSF	0.00282	3.0726	4.662	66.99	86.94	0.43
ALP1	0.03440	0.6420	0.673	320.08	68.92	0.91
2Q1	0.03571	0.4947	0.673	97.37	91.17	0.54
Q1	0.03722	1.5695	0.673	162.32	28.11	5.4
O1	0.03873	10.8648	0.673	186.85	3.98	2.6e+002
NO1	0.04027	1.3923	0.673	211.31	28.92	4.3
K1	0.04178	12.6840	0.673	216.86	3.26	3.5e+002
J1	0.04329	0.8163	0.673	196.95	54.33	1.5
OO1	0.04483	0.1546	0.673	190.93	388.89	0.053
UPS1	0.04634	0.7079	0.673	344.22	88.40	1.1
EPS2	0.07618	0.4397	0.957	170.22	128.10	0.21
MU2	0.07769	2.4975	0.957	248.17	21.71	6.8
N2	0.07900	25.4363	0.957	81.39	2.11	7.1e+002
M2	0.08051	129.8840	0.957	108.19	0.41	1.8e+004
L2	0.08202	3.2175	0.957	130.57	15.42	11
S2	0.08333	20.2034	0.957	147.81	2.72	4.5e+002
ETA2	0.08507	0.3934	0.957	37.35	198.01	0.17
MO3	0.11924	0.5748	0.099	203.61	10.74	34
M3	0.12077	0.1963	0.099	133.18	27.71	4
MK3	0.12229	0.4882	0.099	247.11	12.12	25
SK3	0.12511	0.2085	0.099	297.52	29.10	4.5
MN4	0.15951	0.7112	0.095	350.91	7.35	56
M4	0.16102	1.7325	0.095	356.48	3.01	3.3e+002
SN4	0.16233	0.2186	0.095	349.01	24.51	5.3
MS4	0.16384	0.6428	0.095	45.67	8.31	45
S4	0.16667	0.0742	0.095	193.14	73.87	0.61
2MK5	0.20280	0.1324	0.060	107.59	26.56	4.9
2SK5	0.20845	0.1901	0.060	250.51	19.46	10
2MN6	0.24002	0.6639	0.208	251.46	16.78	10
M6	0.24153	1.6237	0.208	277.07	6.84	61
2MS6	0.24436	0.5695	0.208	336.02	20.01	7.5
2SM6	0.24718	0.0764	0.208	359.59	153.07	0.13
3MK7	0.28331	0.0124	0.030	270.24	137.90	0.17
M8	0.32205	0.0753	0.031	235.09	21.46	5.9

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4451.txt
 date: 23-May-2005
 nobs = 3131, ngood = 3131, record length (days) = 130.46
 start time: 04-Oct-1994 15:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.18e+003, x trend= 0

var(x)= 9820.2448 var(xp)= 9647.2492 var(xres)= 172.9957
 percent var predicted= 98.2 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	4.5816	3.516	205.44	43.98	1.7
MSF	0.00282	1.8021	3.516	259.11	111.80	0.26
ALP1	0.03440	0.5326	0.970	183.77	122.42	0.3
2Q1	0.03571	0.1663	0.970	194.20	399.11	0.029
Q1	0.03722	2.2890	0.970	174.16	28.27	5.6
O1	0.03873	11.6925	0.970	186.83	5.41	1.5e+002
NO1	0.04027	1.2480	0.970	206.59	52.24	1.7
K1	0.04178	15.0659	0.970	201.09	4.00	2.4e+002
J1	0.04329	1.2952	0.970	164.00	50.23	1.8
OO1	0.04483	0.9519	0.970	141.32	105.30	0.96
UPS1	0.04634	0.6167	0.970	225.31	161.14	0.4
EPS2	0.07618	1.1898	1.499	79.40	74.31	0.63
MU2	0.07769	3.1473	1.499	69.16	26.93	4.4
N2	0.07900	30.8965	1.499	74.95	2.71	4.2e+002
M2	0.08051	128.3048	1.499	106.79	0.65	7.3e+003
L2	0.08202	5.5918	1.499	140.89	13.22	14
S2	0.08333	19.1834	1.499	138.32	4.48	1.6e+002
ETA2	0.08507	0.7880	1.499	216.21	162.11	0.28
MO3	0.11924	0.4608	0.123	214.76	17.03	14
M3	0.12077	0.0411	0.123	99.01	165.33	0.11
MK3	0.12229	0.4691	0.123	247.66	15.93	14
SK3	0.12511	0.5173	0.123	341.68	14.86	18
MN4	0.15951	0.6724	0.137	350.55	11.08	24
M4	0.16102	1.4661	0.137	4.58	5.07	1.1e+002
SN4	0.16233	0.2966	0.137	87.25	25.83	4.7
MS4	0.16384	0.5651	0.137	47.67	13.54	17
S4	0.16667	0.1481	0.137	125.79	53.12	1.2
2MK5	0.20280	0.1042	0.055	100.03	30.98	3.6
2SK5	0.20845	0.1693	0.055	355.74	20.16	9.6
2MN6	0.24002	0.8978	0.175	225.86	10.37	26
M6	0.24153	1.3938	0.175	266.63	6.67	63
2MS6	0.24436	0.5471	0.175	316.25	17.46	9.7
2SM6	0.24718	0.1031	0.175	23.52	95.29	0.35
3MK7	0.28331	0.0054	0.031	66.27	330.16	0.03
M8	0.32205	0.0836	0.030	227.98	18.81	7.5

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4501.txt
 date: 23-May-2005
 nobs = 2845, ngood = 2845, record length (days) = 118.54
 start time: 15-Feb-1995
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.3e+003, x trend= 0

var(x)= 9917.9952 var(xp)= 9803.3648 var(xres)= 114.6303
 percent var predicted= 98.8 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	1.6702	3.406	57.83	116.84	0.24
MSF	0.00282	1.0953	3.406	32.25	178.16	0.1
ALP1	0.03440	0.2732	0.728	206.72	183.56	0.14
2Q1	0.03571	0.5648	0.728	229.04	89.87	0.6
Q1	0.03722	2.3754	0.728	158.20	20.82	11
O1	0.03873	11.5375	0.728	186.12	4.19	2.5e+002
NO1	0.04027	0.9933	0.728	239.00	54.61	1.9
K1	0.04178	12.6681	0.728	196.41	3.61	3e+002
J1	0.04329	0.8613	0.728	187.13	57.69	1.4
OO1	0.04483	1.0200	0.728	234.15	85.60	2
UPS1	0.04634	0.4877	0.728	310.51	167.55	0.45
EPS2	0.07618	0.7076	1.293	179.70	107.85	0.3
MU2	0.07769	2.3309	1.293	340.69	31.32	3.2
N2	0.07900	28.9262	1.293	82.02	2.49	5e+002
M2	0.08051	129.6498	1.293	106.52	0.56	1e+004
L2	0.08202	4.5722	1.293	143.09	13.53	12
S2	0.08333	21.0063	1.293	141.30	3.53	2.6e+002
ETA2	0.08507	1.0525	1.293	114.15	109.39	0.66
MO3	0.11924	0.5534	0.113	214.17	13.16	24
M3	0.12077	0.0613	0.113	241.81	100.81	0.3
MK3	0.12229	0.3040	0.113	236.88	22.66	7.3
SK3	0.12511	0.0629	0.113	176.84	113.00	0.31
MN4	0.15951	0.8357	0.090	354.62	5.83	86
M4	0.16102	1.6752	0.090	359.39	2.91	3.4e+002
SN4	0.16233	0.0986	0.090	253.84	50.97	1.2
MS4	0.16384	0.6844	0.090	42.61	7.35	58
S4	0.16667	0.0663	0.090	37.81	78.26	0.54
2MK5	0.20280	0.1202	0.049	110.30	23.99	6.1
2SK5	0.20845	0.1678	0.049	105.21	18.28	12
2MN6	0.24002	0.8115	0.148	244.25	9.55	30
M6	0.24153	1.4059	0.148	265.82	5.52	91
2MS6	0.24436	0.5689	0.148	328.88	14.06	15
2SM6	0.24718	0.0984	0.148	344.52	83.82	0.44
3MK7	0.28331	0.0080	0.026	355.59	184.55	0.098
M8	0.32205	0.0689	0.029	219.06	21.40	5.7

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4601.txt
 date: 23-May-2005
 nobs = 2518, ngood = 2517, record length (days) = 104.92
 start time: 13-Jun-1995 14:59:59
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.86e+003, x trend= 0

var(x)= 9722.518 var(xp)= 9659.9737 var(xres)= 62.5444
 percent var predicted= 99.4 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	1.7485	1.959	284.45	64.19	0.8
MSF	0.00282	0.5889	1.959	230.26	190.58	0.09
ALP1	0.03440	0.2289	0.586	80.63	179.67	0.15
2Q1	0.03571	0.4803	0.586	64.23	86.06	0.67
Q1	0.03722	1.9182	0.586	167.75	21.05	11
O1	0.03873	11.5896	0.586	185.52	3.42	3.9e+002
NO1	0.04027	0.4836	0.586	191.40	93.16	0.68
K1	0.04178	14.3216	0.586	215.32	2.60	6e+002
J1	0.04329	1.3428	0.586	231.28	30.18	5.2
OO1	0.04483	1.2282	0.586	97.61	62.21	4.4
UPS1	0.04634	0.8101	0.586	331.86	85.60	1.9
EPS2	0.07618	0.8865	1.024	82.74	68.00	0.75
MU2	0.07769	2.8590	1.024	129.80	20.17	7.8
N2	0.07900	28.8255	1.024	70.39	1.97	7.9e+002
M2	0.08051	129.6212	1.024	107.91	0.44	1.6e+004
L2	0.08202	4.5272	1.024	164.89	10.76	20
S2	0.08333	18.4605	1.024	148.31	3.18	3.3e+002
ETA2	0.08507	0.7824	1.024	313.35	120.04	0.58
MO3	0.11924	0.5867	0.108	205.82	12.01	30
M3	0.12077	0.1495	0.108	95.36	39.31	1.9
MK3	0.12229	0.4823	0.108	247.78	13.73	20
SK3	0.12511	0.2530	0.108	283.82	27.05	5.5
MN4	0.15951	0.7383	0.134	337.53	9.77	30
M4	0.16102	1.6810	0.134	355.54	4.31	1.6e+002
SN4	0.16233	0.2145	0.134	85.39	34.78	2.5
MS4	0.16384	0.5820	0.134	43.81	12.86	19
S4	0.16667	0.0727	0.134	127.47	106.37	0.29
2MK5	0.20280	0.1288	0.049	107.56	22.59	7
2SK5	0.20845	0.1472	0.049	225.14	21.11	9.1
2MN6	0.24002	0.7408	0.172	225.05	12.07	19
M6	0.24153	1.6168	0.172	279.06	5.55	89
2MS6	0.24436	0.4940	0.172	325.66	18.76	8.3
2SM6	0.24718	0.0536	0.172	277.56	178.87	0.097
3MK7	0.28331	0.0169	0.020	64.54	67.69	0.73
M8	0.32205	0.0684	0.025	241.87	18.32	7.6

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4621.txt
 date: 23-May-2005
 nobs = 1544, ngood = 1543, record length (days) = 64.33
 start time: 29-Nov-1995 18:59:57
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.89e+003, x trend= 0

var(x)= 9584.968 var(xp)= 9440.6072 var(xres)= 144.3608
 percent var predicted= 98.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	5.1651	3.657	272.79	40.57	2
MSF	0.00282	1.2357	3.657	56.58	169.57	0.11
ALP1	0.03440	1.0640	1.299	210.14	87.14	0.67
2Q1	0.03571	1.1267	1.299	166.64	82.06	0.75
Q1	0.03722	3.0816	1.299	158.45	29.45	5.6
O1	0.03873	11.2760	1.299	184.84	7.93	75
NO1	0.04027	0.9042	1.299	248.28	104.68	0.48
K1	0.04178	17.4535	1.299	207.05	4.77	1.8e+002
J1	0.04329	1.4627	1.299	229.70	62.16	1.3
OO1	0.04483	1.1296	1.299	29.10	151.91	0.76
UPS1	0.04634	1.5632	1.299	246.25	100.68	1.4
EPS2	0.07618	1.0921	0.953	62.36	51.08	1.3
MU2	0.07769	4.6136	0.953	41.40	11.60	23
N2	0.07900	33.5298	0.953	78.13	1.57	1.2e+003
M2	0.08051	127.1301	0.953	105.67	0.42	1.8e+004
L2	0.08202	5.1653	0.953	151.97	8.96	29
S2	0.08333	18.6048	0.953	144.53	2.94	3.8e+002
ETA2	0.08507	1.3060	0.953	288.73	68.98	1.9
MO3	0.11924	0.5890	0.172	191.51	19.45	12
M3	0.12077	0.0360	0.172	344.80	260.31	0.044
MK3	0.12229	0.6111	0.172	246.09	17.46	13
SK3	0.12511	0.6802	0.172	350.77	16.25	16
MN4	0.15951	0.7144	0.182	335.10	13.62	15
M4	0.16102	1.3758	0.182	352.36	7.11	57
SN4	0.16233	0.2484	0.182	96.79	40.58	1.9
MS4	0.16384	0.4995	0.182	50.62	20.29	7.5
S4	0.16667	0.2266	0.182	152.77	46.34	1.5
2MK5	0.20280	0.1025	0.106	118.93	62.25	0.93
2SK5	0.20845	0.2703	0.106	19.26	25.34	6.5
2MN6	0.24002	1.1016	0.242	231.67	11.35	21
M6	0.24153	1.2911	0.242	263.85	9.73	28
2MS6	0.24436	0.4777	0.242	320.43	27.26	3.9
2SM6	0.24718	0.0937	0.242	352.02	144.00	0.15
3MK7	0.28331	0.0398	0.039	73.16	56.84	1
M8	0.32205	0.0907	0.046	244.13	25.30	3.9

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4651.txt
 date: 23-May-2005
 nobs = 2828, ngood = 2827, record length (days) = 117.83
 start time: 14-Feb-1996 17:59:59
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.86e+003, x trend= 0

var(x)= 9975.2569 var(xp)= 9843.4859 var(xres)= 131.771
 percent var predicted= 98.7 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.5157	2.211	341.11	50.36	1.3
MSF	0.00282	0.8799	2.211	348.77	143.97	0.16
ALP1	0.03440	0.4427	0.794	155.15	129.09	0.31
2Q1	0.03571	0.8717	0.794	315.54	65.25	1.2
Q1	0.03722	1.9825	0.794	192.20	28.25	6.2
O1	0.03873	12.2192	0.794	182.89	4.53	2.4e+002
NO1	0.04027	0.7767	0.794	161.84	69.24	0.96
K1	0.04178	12.5052	0.794	199.53	4.09	2.5e+002
J1	0.04329	1.2217	0.794	221.22	45.86	2.4
OO1	0.04483	1.6126	0.794	241.84	62.35	4.1
UPS1	0.04634	0.9571	0.794	222.15	99.70	1.5
EPS2	0.07618	0.8676	1.333	60.53	89.45	0.42
MU2	0.07769	0.9824	1.333	284.72	76.05	0.54
N2	0.07900	25.4614	1.333	75.04	2.88	3.6e+002
M2	0.08051	129.4679	1.333	106.80	0.57	9.4e+003
L2	0.08202	3.1226	1.333	151.95	21.40	5.5
S2	0.08333	20.8127	1.333	139.81	3.68	2.4e+002
ETA2	0.08507	0.2553	1.333	169.12	500.99	0.037
MO3	0.11924	0.7064	0.104	224.97	9.92	46
M3	0.12077	0.0151	0.104	320.45	374.63	0.021
MK3	0.12229	0.3569	0.104	223.52	18.17	12
SK3	0.12511	0.0708	0.104	151.29	95.01	0.46
MN4	0.15951	0.6718	0.126	344.16	10.00	28
M4	0.16102	1.6016	0.126	354.85	4.22	1.6e+002
SN4	0.16233	0.1799	0.126	23.51	38.73	2
MS4	0.16384	0.5483	0.126	49.05	12.78	19
S4	0.16667	0.0886	0.126	118.91	82.09	0.49
2MK5	0.20280	0.0622	0.051	126.58	49.09	1.5
2SK5	0.20845	0.2289	0.051	121.42	14.36	20
2MN6	0.24002	0.6161	0.164	229.37	13.67	14
M6	0.24153	1.5410	0.164	267.93	5.49	88
2MS6	0.24436	0.4831	0.164	323.70	18.18	8.7
2SM6	0.24718	0.1236	0.164	5.22	73.74	0.57
3MK7	0.28331	0.0240	0.027	127.59	64.40	0.81
M8	0.32205	0.0772	0.028	228.38	18.30	7.4

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4701.txt
 date: 23-May-2005
 nobs = 2706, ngood = 2705, record length (days) = 112.75
 start time: 11-Jun-1996 17:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.87e+003, x trend= 0

var(x)= 9934.3433 var(xp)= 9853.6811 var(xres)= 80.6622
 percent var predicted= 99.2 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	1.9318	2.178	301.27	64.59	0.79
MSF	0.00282	1.2420	2.178	154.59	100.46	0.33
ALP1	0.03440	0.7449	0.696	164.39	67.50	1.1
2Q1	0.03571	0.3516	0.696	255.29	142.70	0.26
Q1	0.03722	2.9166	0.696	169.22	16.98	18
O1	0.03873	11.5813	0.696	183.06	4.23	2.8e+002
NO1	0.04027	0.2474	0.696	107.60	174.25	0.13
K1	0.04178	13.4528	0.696	214.21	3.35	3.7e+002
J1	0.04329	0.6846	0.696	229.45	72.22	0.97
OO1	0.04483	0.5062	0.696	147.93	162.10	0.53
UPS1	0.04634	0.4263	0.696	79.67	191.25	0.38
EPS2	0.07618	1.4295	1.159	121.52	46.83	1.5
MU2	0.07769	2.9802	1.159	73.84	21.74	6.6
N2	0.07900	31.3589	1.159	75.87	2.04	7.3e+002
M2	0.08051	128.5564	1.159	107.82	0.50	1.2e+004
L2	0.08202	5.4808	1.159	171.43	11.12	22
S2	0.08333	18.4996	1.159	146.14	3.60	2.5e+002
ETA2	0.08507	0.1285	1.159	195.07	873.74	0.012
MO3	0.11924	0.5398	0.087	202.24	10.99	38
M3	0.12077	0.0644	0.087	327.17	73.66	0.54
MK3	0.12229	0.4902	0.087	248.58	11.13	31
SK3	0.12511	0.2179	0.087	272.54	26.02	6.2
MN4	0.15951	0.8311	0.125	335.96	7.98	44
M4	0.16102	1.7064	0.125	355.99	3.90	1.9e+002
SN4	0.16233	0.2559	0.125	112.09	26.92	4.2
MS4	0.16384	0.6143	0.125	40.40	11.26	24
S4	0.16667	0.0674	0.125	145.18	106.58	0.29
2MK5	0.20280	0.1376	0.048	134.00	20.96	8.3
2SK5	0.20845	0.1111	0.048	224.32	27.99	5.4
2MN6	0.24002	1.0096	0.148	232.86	7.52	46
M6	0.24153	1.5267	0.148	275.22	4.99	1.1e+002
2MS6	0.24436	0.5966	0.148	335.93	13.27	16
2SM6	0.24718	0.1140	0.148	18.88	72.16	0.59
3MK7	0.28331	0.0098	0.021	319.70	124.74	0.22
M8	0.32205	0.0917	0.025	235.43	13.45	14

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4801.txt
 date: 23-May-2005
 nobs = 3112, ngood = 3111, record length (days) = 129.67
 start time: 01-Oct-1996 18:59:59
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.86e+003, x trend= 0

var(x)= 9439.498 var(xp)= 9251.0056 var(xres)= 188.4924
 percent var predicted= 98.0 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.9656	4.032	337.39	77.90	0.54
MSF	0.00282	2.6362	4.032	191.05	87.63	0.43
ALP1	0.03440	0.0714	0.954	115.74	964.59	0.0056
2Q1	0.03571	0.2945	0.954	80.63	234.79	0.095
Q1	0.03722	1.5955	0.954	175.49	42.84	2.8
O1	0.03873	11.0639	0.954	186.66	6.12	1.3e+002
NO1	0.04027	0.6333	0.954	171.15	85.81	0.44
K1	0.04178	15.2961	0.954	198.80	4.05	2.6e+002
J1	0.04329	1.6660	0.954	195.29	40.86	3.1
OO1	0.04483	0.7167	0.954	225.39	144.92	0.56
UPS1	0.04634	1.4242	0.954	97.75	75.75	2.2
EPS2	0.07618	0.9716	1.328	154.41	78.25	0.54
MU2	0.07769	1.3829	1.328	321.86	53.55	1.1
N2	0.07900	26.3126	1.328	78.88	2.79	3.9e+002
M2	0.08051	127.3456	1.328	106.44	0.58	9.2e+003
L2	0.08202	4.2404	1.328	160.53	17.53	10
S2	0.08333	19.2611	1.328	135.34	3.96	2.1e+002
ETA2	0.08507	0.8037	1.328	125.01	160.18	0.37
MO3	0.11924	0.6582	0.126	232.81	13.06	27
M3	0.12077	0.0588	0.126	309.58	115.88	0.22
MK3	0.12229	0.5202	0.126	234.84	15.13	17
SK3	0.12511	0.4304	0.126	328.81	19.01	12
MN4	0.15951	0.5819	0.106	346.69	9.65	30
M4	0.16102	1.4274	0.106	352.33	3.94	1.8e+002
SN4	0.16233	0.0411	0.106	274.91	142.25	0.15
MS4	0.16384	0.5801	0.106	35.25	10.08	30
S4	0.16667	0.1041	0.106	125.68	58.37	0.97
2MK5	0.20280	0.1087	0.066	123.10	36.87	2.7
2SK5	0.20845	0.1481	0.066	320.26	29.24	5
2MN6	0.24002	0.7517	0.190	228.25	12.99	16
M6	0.24153	1.5707	0.190	263.77	6.22	68
2MS6	0.24436	0.5644	0.190	307.32	18.01	8.8
2SM6	0.24718	0.0379	0.190	328.53	278.85	0.04
3MK7	0.28331	0.0151	0.027	315.78	105.63	0.3
M8	0.32205	0.0708	0.031	226.78	21.52	5.3

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p4951.txt
 date: 23-May-2005
 nobs = 2830, ngood = 2829, record length (days) = 117.92
 start time: 12-Feb-1997 15:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.86e+003, x trend= 0

var(x)= 9795.3755 var(xp)= 9644.4958 var(xres)= 150.8798
 percent var predicted= 98.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.8557	4.507	355.52	90.42	0.4
MSF	0.00282	1.1094	4.507	292.02	232.76	0.061
ALP1	0.03440	0.6130	0.748	175.99	87.49	0.67
2Q1	0.03571	0.3052	0.748	9.65	177.79	0.17
Q1	0.03722	1.8369	0.748	151.38	29.24	6
O1	0.03873	11.2967	0.748	183.07	4.72	2.3e+002
NO1	0.04027	1.5850	0.748	165.00	25.08	4.5
K1	0.04178	12.6899	0.748	195.25	3.83	2.9e+002
J1	0.04329	0.9946	0.748	166.99	53.62	1.8
OO1	0.04483	0.6023	0.748	243.20	125.31	0.65
UPS1	0.04634	0.8125	0.748	116.49	100.12	1.2
EPS2	0.07618	0.7042	1.177	177.45	94.65	0.36
MU2	0.07769	1.2596	1.177	70.98	51.94	1.1
N2	0.07900	28.2598	1.177	69.02	2.30	5.8e+002
M2	0.08051	127.9937	1.177	106.07	0.51	1.2e+004
L2	0.08202	5.9824	1.177	185.68	11.79	26
S2	0.08333	21.8770	1.177	139.89	3.09	3.5e+002
ETA2	0.08507	0.9550	1.177	91.35	118.02	0.66
MO3	0.11924	0.6500	0.118	238.47	12.49	30
M3	0.12077	0.1836	0.118	258.46	34.93	2.4
MK3	0.12229	0.2441	0.118	219.78	30.33	4.3
SK3	0.12511	0.1652	0.118	234.09	46.61	2
MN4	0.15951	0.5883	0.148	333.22	13.39	16
M4	0.16102	1.5025	0.148	349.75	5.23	1e+002
SN4	0.16233	0.2436	0.148	38.02	33.63	2.7
MS4	0.16384	0.6819	0.148	30.75	11.99	21
S4	0.16667	0.1020	0.148	85.97	83.40	0.48
2MK5	0.20280	0.0603	0.066	87.57	66.37	0.83
2SK5	0.20845	0.2783	0.066	98.14	15.55	18
2MN6	0.24002	0.8195	0.139	215.96	8.69	35
M6	0.24153	1.3182	0.139	267.37	5.39	91
2MS6	0.24436	0.6054	0.139	312.18	12.20	19
2SM6	0.24718	0.0454	0.139	312.72	169.37	0.11
3MK7	0.28331	0.0348	0.027	80.28	45.84	1.6
M8	0.32205	0.0658	0.027	248.00	20.01	6.1

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p5011.txt
 date: 23-May-2005
 nobs = 2516, ngood = 2515, record length (days) = 104.83
 start time: 10-Jun-1997 14:59:59
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.86e+003, x trend= 0

var(x)= 9653.9052 var(xp)= 9607.8612 var(xres)= 46.0441
 percent var predicted= 99.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.3440	1.867	113.92	310.95	0.034
MSF	0.00282	0.4002	1.867	171.01	267.32	0.046
ALP1	0.03440	0.0111	0.529	37.78	3396.92	0.00044
2Q1	0.03571	0.3662	0.529	310.17	104.23	0.48
Q1	0.03722	2.0398	0.529	172.95	18.57	15
O1	0.03873	11.8703	0.529	184.60	3.17	5e+002
NO1	0.04027	0.7570	0.529	198.01	35.70	2
K1	0.04178	14.8244	0.529	214.10	2.32	7.9e+002
J1	0.04329	0.5395	0.529	167.34	69.44	1
OO1	0.04483	0.7690	0.529	205.83	65.78	2.1
UPS1	0.04634	0.4656	0.529	239.12	119.75	0.77
EPS2	0.07618	0.6120	0.840	65.28	76.96	0.53
MU2	0.07769	2.1082	0.840	15.11	22.09	6.3
N2	0.07900	29.0637	0.840	83.68	1.60	1.2e+003
M2	0.08051	128.0301	0.840	107.84	0.36	2.3e+004
L2	0.08202	6.0917	0.840	157.96	8.71	53
S2	0.08333	17.1514	0.840	148.92	2.81	4.2e+002
ETA2	0.08507	0.3469	0.840	117.11	226.83	0.17
MO3	0.11924	0.7132	0.082	203.43	7.93	75
M3	0.12077	0.1082	0.082	350.07	41.33	1.7
MK3	0.12229	0.4939	0.082	240.44	10.44	36
SK3	0.12511	0.2586	0.082	288.69	20.73	9.8
MN4	0.15951	0.7679	0.083	348.84	5.78	85
M4	0.16102	1.5848	0.083	353.89	2.79	3.6e+002
SN4	0.16233	0.0870	0.083	188.89	53.04	1.1
MS4	0.16384	0.4907	0.083	46.84	9.37	35
S4	0.16667	0.0341	0.083	48.26	140.30	0.17
2MK5	0.20280	0.1173	0.044	110.90	22.78	7
2SK5	0.20845	0.1123	0.044	239.20	25.72	6.4
2MN6	0.24002	0.7846	0.153	252.69	10.01	26
M6	0.24153	1.5303	0.153	274.89	5.12	1e+002
2MS6	0.24436	0.4144	0.153	339.63	19.64	7.4
2SM6	0.24718	0.0572	0.153	2.46	148.01	0.14
3MK7	0.28331	0.0094	0.021	54.21	132.55	0.19
M8	0.32205	0.0869	0.025	245.00	14.38	12

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p5071.txt
 date: 23-May-2005
 nobs = 3109, ngood = 3109, record length (days) = 129.54
 start time: 23-Sep-1997 16:00:00
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.87e+003, x trend= 0

var(x)= 9356.0157 var(xp)= 9161.4281 var(xres)= 194.5876
 percent var predicted= 97.9 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.4273	3.537	125.79	474.25	0.015
MSF	0.00282	3.1265	3.537	214.84	64.82	0.78
ALP1	0.03440	0.4102	0.937	57.67	159.98	0.19
2Q1	0.03571	0.3628	0.937	258.47	183.75	0.15
Q1	0.03722	1.7975	0.937	171.54	36.97	3.7
O1	0.03873	10.8996	0.937	185.45	6.09	1.4e+002
NO1	0.04027	0.6854	0.937	163.21	68.46	0.54
K1	0.04178	14.7385	0.937	197.90	4.11	2.5e+002
J1	0.04329	1.6307	0.937	220.93	40.08	3
OO1	0.04483	0.5708	0.937	245.86	150.44	0.37
UPS1	0.04634	1.3812	0.937	273.84	69.35	2.2
EPS2	0.07618	1.2444	0.974	140.27	43.45	1.6
MU2	0.07769	0.8108	0.974	203.40	66.49	0.69
N2	0.07900	26.1134	0.974	69.40	2.07	7.2e+002
M2	0.08051	126.5116	0.974	106.67	0.43	1.7e+004
L2	0.08202	5.7716	0.974	184.13	11.04	35
S2	0.08333	19.5673	0.974	136.03	2.86	4e+002
ETA2	0.08507	0.4149	0.974	128.77	212.48	0.18
MO3	0.11924	0.5467	0.125	237.61	15.68	19
M3	0.12077	0.0947	0.125	184.92	71.97	0.57
MK3	0.12229	0.4610	0.125	242.88	16.97	13
SK3	0.12511	0.5841	0.125	315.57	13.92	22
MN4	0.15951	0.5088	0.107	354.10	11.26	23
M4	0.16102	1.3375	0.107	358.84	4.27	1.6e+002
SN4	0.16233	0.0638	0.107	39.08	93.28	0.35
MS4	0.16384	0.4896	0.107	42.47	12.11	21
S4	0.16667	0.1242	0.107	100.77	49.63	1.3
2MK5	0.20280	0.1525	0.056	102.35	22.25	7.3
2SK5	0.20845	0.2181	0.056	324.92	16.80	15
2MN6	0.24002	0.7546	0.158	214.74	10.77	23
M6	0.24153	1.4122	0.158	261.68	5.74	80
2MS6	0.24436	0.4979	0.158	312.75	16.91	10
2SM6	0.24718	0.1307	0.158	338.14	66.91	0.69
3MK7	0.28331	0.0252	0.027	72.26	63.03	0.85
M8	0.32205	0.0485	0.030	220.42	30.49	2.6

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p5161.txt
 date: 23-May-2005
 nobs = 3046, ngood = 3045, record length (days) = 126.92
 start time: 10-Feb-1998 15:58:08
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.87e+003, x trend= 0

var(x)= 9611.6394 var(xp)= 9371.0678 var(xres)= 240.5716
 percent var predicted= 97.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	3.2936	3.427	269.74	59.62	0.92
MSF	0.00282	1.0077	3.427	237.04	194.87	0.086
ALP1	0.03440	1.2122	1.072	120.51	60.77	1.3
2Q1	0.03571	1.1621	1.072	359.71	64.05	1.2
Q1	0.03722	0.9908	1.072	202.32	75.41	0.85
O1	0.03873	11.2173	1.072	189.91	6.69	1.1e+002
NO1	0.04027	1.1276	1.072	107.89	48.13	1.1
K1	0.04178	11.7388	1.072	195.43	5.87	1.2e+002
J1	0.04329	0.3619	1.072	68.23	201.49	0.11
OO1	0.04483	0.7715	1.072	358.52	123.79	0.52
UPS1	0.04634	1.4155	1.072	346.28	75.02	1.7
EPS2	0.07618	1.4592	1.240	109.89	46.60	1.4
MU2	0.07769	2.6467	1.240	52.66	25.87	4.6
N2	0.07900	29.4741	1.240	70.32	2.33	5.7e+002
M2	0.08051	127.1480	1.240	106.38	0.54	1.1e+004
L2	0.08202	6.6096	1.240	157.96	12.27	28
S2	0.08333	21.4330	1.240	140.46	3.32	3e+002
ETA2	0.08507	1.0091	1.240	142.98	105.32	0.66
MO3	0.11924	0.4247	0.243	189.21	38.72	3
M3	0.12077	0.1340	0.243	352.23	98.81	0.3
MK3	0.12229	0.6080	0.243	228.48	24.80	6.3
SK3	0.12511	0.0492	0.243	98.33	317.99	0.041
MN4	0.15951	0.8514	0.111	342.91	6.97	59
M4	0.16102	1.7224	0.111	351.94	3.44	2.4e+002
SN4	0.16233	0.1664	0.111	132.79	37.03	2.2
MS4	0.16384	0.6470	0.111	46.21	9.51	34
S4	0.16667	0.0377	0.111	15.30	169.07	0.12
2MK5	0.20280	0.0958	0.065	106.35	40.58	2.2
2SK5	0.20845	0.2009	0.065	99.95	20.82	9.6
2MN6	0.24002	0.8423	0.125	219.51	7.66	45
M6	0.24153	1.3125	0.125	261.05	4.91	1.1e+002
2MS6	0.24436	0.5300	0.125	317.53	12.61	18
2SM6	0.24718	0.0794	0.125	35.90	87.35	0.4
3MK7	0.28331	0.0263	0.027	86.91	59.57	0.94
M8	0.32205	0.0805	0.027	231.25	16.95	8.6

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p5301.txt
date: 23-May-2005
nobs = 657, ngood = 657, record length (days) = 27.38
start time: 03-Sep-1998 02:58:07
rayleigh criterion = 1.0
nodal corrections applied to amplitude and phase relative to center time

x0= 3.88e+003, x trend= 0

var(x)= 9816.3814 var(xp)= 9277.0542 var(xres)= 539.3271
percent var predicted= 94.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MSF	0.00282	0.7309	2.071	254.39	162.38	0.12
O1	0.03873	11.0142	1.269	181.55	7.91	75
K1	0.04178	9.5763	1.269	210.62	8.42	57
OO1	0.04483	1.5717	1.269	268.80	71.57	1.5
M2	0.08051	127.8049	14.282	108.39	6.20	80
S2	0.08333	24.3308	14.282	138.69	33.69	2.9
MO3	0.11924	0.5577	0.200	255.18	23.79	7.8
M3	0.12077	0.2786	0.200	149.16	39.16	1.9
MK3	0.12229	0.4635	0.200	305.54	26.51	5.4
SK3	0.12511	0.5624	0.200	273.07	22.62	7.9
M4	0.16102	1.5277	0.337	349.84	11.84	21
MS4	0.16384	0.6291	0.337	42.71	29.75	3.5
S4	0.16667	0.3156	0.337	94.18	61.39	0.88
2MK5	0.20280	0.1325	0.096	100.41	43.20	1.9
2SK5	0.20845	0.3497	0.096	253.01	17.53	13
M6	0.24153	1.3365	0.744	279.80	28.91	3.2
2MS6	0.24436	0.7300	0.744	317.10	54.79	0.96
2SM6	0.24718	0.0885	0.744	192.75	467.84	0.014
3MK7	0.28331	0.0819	0.075	227.96	52.54	1.2
M8	0.32205	0.0907	0.070	215.72	38.70	1.7

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p5401.txt
 date: 23-May-2005
 nobs = 3114, ngood = 3113, record length (days) = 129.75
 start time: 30-Sep-1998 13:58:07
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.86e+003, x trend= 0

var(x)= 9747.8414 var(xp)= 9597.7309 var(xres)= 150.1105
 percent var predicted= 98.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	3.4038	2.105	104.67	35.44	2.6
MSF	0.00282	1.8690	2.105	152.52	64.54	0.79
ALP1	0.03440	0.7313	0.943	136.04	85.19	0.6
2Q1	0.03571	0.2277	0.943	277.32	272.95	0.058
Q1	0.03722	2.4124	0.943	172.52	26.11	6.5
O1	0.03873	11.7219	0.943	186.09	5.45	1.5e+002
NO1	0.04027	1.0701	0.943	182.80	50.07	1.3
K1	0.04178	15.1729	0.943	200.49	3.92	2.6e+002
J1	0.04329	1.0540	0.943	248.81	57.55	1.2
OO1	0.04483	1.5486	0.943	223.01	54.40	2.7
UPS1	0.04634	0.9290	0.943	104.89	95.43	0.97
EPS2	0.07618	0.8795	1.194	135.67	73.12	0.54
MU2	0.07769	2.8602	1.194	66.70	23.00	5.7
N2	0.07900	30.1600	1.194	68.22	2.19	6.4e+002
M2	0.08051	126.4404	1.194	106.36	0.52	1.1e+004
L2	0.08202	6.7022	1.194	168.16	10.57	32
S2	0.08333	19.1050	1.194	134.86	3.59	2.6e+002
ETA2	0.08507	0.7678	1.194	157.88	119.13	0.41
MO3	0.11924	0.7094	0.120	211.87	11.12	35
M3	0.12077	0.0955	0.120	200.58	68.84	0.63
MK3	0.12229	0.5014	0.120	241.20	14.66	17
SK3	0.12511	0.5352	0.120	311.96	14.19	20
MN4	0.15951	0.5463	0.111	341.99	10.93	24
M4	0.16102	1.3681	0.111	350.22	4.38	1.5e+002
SN4	0.16233	0.2308	0.111	74.84	26.75	4.3
MS4	0.16384	0.5412	0.111	38.75	11.43	24
S4	0.16667	0.1776	0.111	131.42	36.01	2.5
2MK5	0.20280	0.2055	0.076	110.31	21.87	7.4
2SK5	0.20845	0.1436	0.076	312.83	33.42	3.6
2MN6	0.24002	0.8450	0.150	219.24	9.26	32
M6	0.24153	1.2862	0.150	268.39	6.09	73
2MS6	0.24436	0.5253	0.150	316.62	15.42	12
2SM6	0.24718	0.1073	0.150	0.04	78.02	0.51
3MK7	0.28331	0.0439	0.033	109.74	42.99	1.8
M8	0.32205	0.0585	0.032	247.26	27.31	3.4

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p5521.txt
 date: 23-May-2005
 nobs = 2121, ngood = 2119, record length (days) = 88.38
 start time: 10-Feb-1999 14:58:07
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.89e+003, x trend= 0

var(x)= 9609.0474 var(xp)= 9512.8222 var(xres)= 96.2251
 percent var predicted= 99.0 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.7119	3.238	233.88	68.41	0.7
MSF	0.00282	1.7621	3.238	203.81	105.29	0.3
ALP1	0.03440	0.8255	0.802	200.57	62.93	1.1
2Q1	0.03571	0.1007	0.802	238.81	512.40	0.016
Q1	0.03722	1.8798	0.802	187.77	27.88	5.5
O1	0.03873	11.5115	0.802	185.62	4.63	2.1e+002
NO1	0.04027	0.9305	0.802	264.86	54.84	1.3
K1	0.04178	11.2405	0.802	204.98	4.46	2e+002
J1	0.04329	0.6081	0.802	241.04	82.49	0.58
OO1	0.04483	0.4099	0.802	201.74	178.70	0.26
UPS1	0.04634	0.5885	0.802	355.79	124.74	0.54
EPS2	0.07618	0.8519	1.049	305.05	65.84	0.66
MU2	0.07769	3.2773	1.049	312.39	17.63	9.8
N2	0.07900	27.4801	1.049	80.48	2.12	6.9e+002
M2	0.08051	128.7147	1.049	106.86	0.45	1.5e+004
L2	0.08202	5.4660	1.049	144.81	10.63	27
S2	0.08333	23.6164	1.049	143.77	2.55	5.1e+002
ETA2	0.08507	0.4256	1.049	122.22	178.14	0.16
MO3	0.11924	0.5766	0.126	217.41	14.07	21
M3	0.12077	0.0688	0.126	142.24	100.31	0.3
MK3	0.12229	0.2649	0.126	231.84	28.81	4.4
SK3	0.12511	0.0195	0.126	213.33	404.20	0.024
MN4	0.15951	0.7608	0.110	353.56	7.80	48
M4	0.16102	1.5953	0.110	353.12	3.73	2.1e+002
SN4	0.16233	0.0812	0.110	232.31	75.35	0.54
MS4	0.16384	0.7839	0.110	42.75	7.83	51
S4	0.16667	0.1520	0.110	135.94	41.63	1.9
2MK5	0.20280	0.0728	0.085	112.23	68.86	0.73
2SK5	0.20845	0.2479	0.085	109.42	21.51	8.5
2MN6	0.24002	0.7065	0.170	247.57	12.64	17
M6	0.24153	1.3733	0.170	266.32	6.52	65
2MS6	0.24436	0.5575	0.170	327.36	16.56	11
2SM6	0.24718	0.1024	0.170	28.48	92.94	0.36
3MK7	0.28331	0.0309	0.035	357.16	65.00	0.78
M8	0.32205	0.0922	0.039	233.31	21.52	5.6

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p5692.txt
 date: 23-May-2005
 nobs = 2384, ngood = 2383, record length (days) = 99.33
 start time: 10-Jun-1999 21:58:08
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.87e+003, x trend= 0

var(x)= 9690.9568 var(xp)= 9638.0533 var(xres)= 52.9035
 percent var predicted= 99.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.8030	1.376	48.16	98.15	0.34
MSF	0.00282	0.3601	1.376	240.79	218.88	0.069
ALP1	0.03440	0.2880	0.592	43.70	130.32	0.24
2Q1	0.03571	0.3094	0.592	148.33	120.18	0.27
Q1	0.03722	1.9214	0.592	168.74	19.68	11
O1	0.03873	11.8642	0.592	183.66	3.24	4e+002
NO1	0.04027	0.3114	0.592	147.13	145.55	0.28
K1	0.04178	15.4947	0.592	213.05	2.36	6.8e+002
J1	0.04329	1.4570	0.592	190.13	24.68	6
OO1	0.04483	0.4580	0.592	229.19	121.85	0.6
UPS1	0.04634	0.2947	0.592	301.93	177.67	0.25
EPS2	0.07618	0.9897	1.002	89.86	53.83	0.98
MU2	0.07769	2.0467	1.002	144.69	26.99	4.2
N2	0.07900	27.4938	1.002	66.76	2.03	7.5e+002
M2	0.08051	128.4504	1.002	107.51	0.44	1.6e+004
L2	0.08202	5.6613	1.002	169.22	9.12	32
S2	0.08333	16.9014	1.002	148.16	3.40	2.8e+002
ETA2	0.08507	0.4536	1.002	236.01	149.81	0.2
MO3	0.11924	0.6865	0.101	208.14	9.33	46
M3	0.12077	0.1412	0.101	137.63	39.54	1.9
MK3	0.12229	0.5844	0.101	249.13	10.43	33
SK3	0.12511	0.2646	0.101	255.02	23.67	6.8
MN4	0.15951	0.6330	0.112	344.63	9.59	32
M4	0.16102	1.6637	0.112	354.21	3.66	2.2e+002
SN4	0.16233	0.2312	0.112	59.94	26.99	4.3
MS4	0.16384	0.5838	0.112	44.08	10.71	27
S4	0.16667	0.0376	0.112	243.75	170.95	0.11
2MK5	0.20280	0.0717	0.053	118.39	43.60	1.8
2SK5	0.20845	0.1195	0.053	235.08	27.66	5
2MN6	0.24002	0.7167	0.156	218.47	11.52	21
M6	0.24153	1.5358	0.156	278.16	5.38	97
2MS6	0.24436	0.4120	0.156	333.20	20.63	7
2SM6	0.24718	0.0919	0.156	25.07	95.03	0.35
3MK7	0.28331	0.0163	0.020	224.75	69.47	0.68
M8	0.32205	0.0744	0.027	240.15	18.77	7.6

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p5912.txt
 date: 23-May-2005
 nobs = 814, ngood = 813, record length (days) = 33.92
 start time: 21-Sep-1999 16:58:07
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.88e+003, x trend= 0

var(x)= 9688.566 var(xp)= 9637.5617 var(xres)= 51.0043
 percent var predicted= 99.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	4.6842	2.024	5.90	24.75	5.4
MSF	0.00282	4.4266	2.024	245.42	26.19	4.8
ALP1	0.03440	1.5466	1.340	276.63	54.22	1.3
2Q1	0.03571	0.8595	1.340	120.63	96.56	0.41
Q1	0.03722	2.0679	1.340	180.61	40.81	2.4
O1	0.03873	10.4978	1.340	185.72	8.17	61
NO1	0.04027	1.3556	1.340	213.39	86.29	1
K1	0.04178	9.4060	1.340	196.51	8.73	49
J1	0.04329	1.1387	1.340	210.44	70.27	0.72
OO1	0.04483	2.3204	1.340	215.25	55.10	3
UPS1	0.04634	1.7416	1.340	61.24	66.39	1.7
EPS2	0.07618	0.8236	0.591	164.32	38.03	1.9
MU2	0.07769	2.9954	0.591	294.84	10.87	26
N2	0.07900	26.7404	0.591	84.25	1.23	2e+003
M2	0.08051	129.0481	0.591	106.99	0.26	4.8e+004
L2	0.08202	4.9276	0.591	157.81	5.96	70
S2	0.08333	23.5373	0.591	134.80	1.44	1.6e+003
ETA2	0.08507	1.0094	0.591	57.64	38.32	2.9
MO3	0.11924	0.4556	0.137	217.44	18.72	11
M3	0.12077	0.2254	0.137	125.66	33.48	2.7
MK3	0.12229	0.2978	0.137	240.50	27.44	4.8
SK3	0.12511	0.3458	0.137	287.43	24.24	6.4
MN4	0.15951	0.6269	0.167	357.81	14.57	14
M4	0.16102	1.5879	0.167	349.34	5.75	90
SN4	0.16233	0.0973	0.167	77.77	96.26	0.34
MS4	0.16384	0.8081	0.167	29.61	11.60	23
S4	0.16667	0.0163	0.167	31.23	589.46	0.0095
2MK5	0.20280	0.1195	0.115	114.15	56.01	1.1
2SK5	0.20845	0.2355	0.115	298.41	29.93	4.2
2MN6	0.24002	0.8158	0.274	256.88	17.88	8.9
M6	0.24153	1.6323	0.274	267.08	8.94	36
2MS6	0.24436	0.7051	0.274	320.20	21.22	6.6
2SM6	0.24718	0.0881	0.274	259.78	174.18	0.1
3MK7	0.28331	0.0293	0.053	97.26	102.21	0.31
M8	0.32205	0.0273	0.056	230.78	107.23	0.24

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p6112.txt
 date: 23-May-2005
 nobs = 2005, ngood = 2005, record length (days) = 83.54
 start time: 15-Feb-2000 16:58:07
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.96e+003, x trend= 0

var(x)= 10144.3937 var(xp)= 10029.1094 var(xres)= 115.2844
 percent var predicted= 98.9 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	4.1844	5.197	136.10	71.16	0.65
MSF	0.00282	2.0079	5.197	16.54	148.29	0.15
ALP1	0.03440	0.5769	0.717	188.79	75.53	0.65
2Q1	0.03571	0.6062	0.717	187.76	70.99	0.72
Q1	0.03722	1.6672	0.717	174.10	26.26	5.4
O1	0.03873	11.9640	0.717	187.73	3.71	2.8e+002
NO1	0.04027	2.3253	0.717	168.43	38.13	11
K1	0.04178	11.3589	0.717	203.14	3.80	2.5e+002
J1	0.04329	0.3208	0.717	201.22	128.68	0.2
OO1	0.04483	0.9605	0.717	201.80	70.02	1.8
UPS1	0.04634	0.4096	0.717	134.72	139.80	0.33
EPS2	0.07618	0.4924	1.250	109.22	134.23	0.16
MU2	0.07769	2.1371	1.250	248.01	32.34	2.9
N2	0.07900	24.5900	1.250	69.90	2.87	3.9e+002
M2	0.08051	132.3163	1.250	106.48	0.53	1.1e+004
L2	0.08202	4.7391	1.250	160.73	12.39	14
S2	0.08333	24.5047	1.250	144.92	2.93	3.8e+002
ETA2	0.08507	1.0092	1.250	6.76	74.89	0.65
MO3	0.11924	0.5450	0.112	228.63	12.45	24
M3	0.12077	0.2010	0.112	163.76	30.96	3.2
MK3	0.12229	0.2078	0.112	250.42	31.76	3.5
SK3	0.12511	0.0718	0.112	164.50	93.87	0.41
MN4	0.15951	0.5849	0.134	349.61	12.67	19
M4	0.16102	1.8534	0.134	357.35	3.98	1.9e+002
SN4	0.16233	0.2892	0.134	352.19	26.15	4.7
MS4	0.16384	0.7418	0.134	52.26	10.16	31
S4	0.16667	0.0672	0.134	104.82	114.42	0.25
2MK5	0.20280	0.1286	0.058	109.52	26.12	4.9
2SK5	0.20845	0.2327	0.058	81.67	15.04	16
2MN6	0.24002	0.5540	0.197	228.93	19.26	7.9
M6	0.24153	1.5656	0.197	267.17	6.79	63
2MS6	0.24436	0.5231	0.197	326.34	20.75	7.1
2SM6	0.24718	0.0512	0.197	21.31	216.61	0.068
3MK7	0.28331	0.0135	0.030	178.65	127.45	0.2
M8	0.32205	0.0735	0.037	236.95	26.81	3.9

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p6252.txt
 date: 23-May-2005
 nobs = 1981, ngood = 1981, record length (days) = 82.54
 start time: 09-May-2000 14:58:07
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.88e+003, x trend= 0

var(x)= 9518.8635 var(xp)= 9475.4066 var(xres)= 43.4569
 percent var predicted= 99.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.1867	1.184	34.34	31.02	3.4
MSF	0.00282	0.8303	1.184	190.79	81.68	0.49
ALP1	0.03440	0.1958	0.630	97.00	193.10	0.097
2Q1	0.03571	0.5944	0.630	166.34	62.68	0.89
Q1	0.03722	2.2810	0.630	173.40	16.62	13
O1	0.03873	11.5599	0.630	186.55	3.32	3.4e+002
NO1	0.04027	0.8410	0.630	40.07	97.44	1.8
K1	0.04178	17.0451	0.630	201.93	2.20	7.3e+002
J1	0.04329	1.4192	0.630	205.03	25.17	5.1
OO1	0.04483	0.4458	0.630	74.85	126.43	0.5
UPS1	0.04634	0.5461	0.630	130.91	87.73	0.75
EPS2	0.07618	1.0351	0.992	64.37	50.70	1.1
MU2	0.07769	4.9732	0.992	29.52	11.05	25
N2	0.07900	33.4663	0.992	77.97	1.68	1.1e+003
M2	0.08051	129.6295	0.992	106.91	0.43	1.7e+004
L2	0.08202	7.3108	0.992	151.77	6.31	54
S2	0.08333	15.2153	0.992	138.72	3.74	2.4e+002
ETA2	0.08507	0.3007	0.992	253.70	192.52	0.092
MO3	0.11924	0.8119	0.119	211.36	8.80	46
M3	0.12077	0.2775	0.119	124.72	24.00	5.4
MK3	0.12229	0.5276	0.119	227.86	13.25	20
SK3	0.12511	0.2371	0.119	249.19	30.02	4
MN4	0.15951	0.8719	0.095	342.89	6.05	85
M4	0.16102	1.5944	0.095	357.01	3.29	2.8e+002
SN4	0.16233	0.1817	0.095	198.55	29.57	3.7
MS4	0.16384	0.5635	0.095	46.28	9.49	35
S4	0.16667	0.0529	0.095	99.95	102.93	0.31
2MK5	0.20280	0.1595	0.068	123.32	24.54	5.5
2SK5	0.20845	0.1197	0.068	162.61	33.89	3.1
2MN6	0.24002	0.9187	0.170	234.60	10.11	29
M6	0.24153	1.4454	0.170	267.37	6.40	72
2MS6	0.24436	0.4692	0.170	327.61	20.06	7.6
2SM6	0.24718	0.0848	0.170	7.45	113.03	0.25
3MK7	0.28331	0.0183	0.026	300.06	81.68	0.48
M8	0.32205	0.0686	0.029	245.94	22.77	5.5

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p6322.txt
 date: 23-May-2005
 nobs = 3338, ngood = 3337, record length (days) = 139.08
 start time: 27-Sep-2000 10:58:07
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.87e+003, x trend= 0

var(x)= 9544.6387 var(xp)= 9344.4713 var(xres)= 200.1675
 percent var predicted= 97.9 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	3.4859	4.229	211.46	69.51	0.68
MSF	0.00282	1.4981	4.229	129.31	161.75	0.13
ALP1	0.03440	0.2822	0.868	99.81	179.86	0.11
2Q1	0.03571	1.1925	0.868	256.11	41.68	1.9
Q1	0.03722	1.7682	0.868	193.31	28.67	4.1
O1	0.03873	11.4268	0.868	199.92	4.49	1.7e+002
NO1	0.04027	0.5239	0.868	243.23	155.28	0.36
K1	0.04178	14.6911	0.868	214.15	3.46	2.9e+002
J1	0.04329	1.3423	0.868	230.43	35.70	2.4
OO1	0.04483	1.6327	0.868	291.11	40.02	3.5
UPS1	0.04634	0.6633	0.868	243.90	88.06	0.58
EPS2	0.07618	0.7116	1.278	89.52	95.59	0.31
MU2	0.07769	2.8206	1.278	21.00	25.24	4.9
N2	0.07900	29.1431	1.278	105.62	2.49	5.2e+002
M2	0.08051	128.1679	1.278	135.62	0.56	1e+004
L2	0.08202	6.1782	1.278	181.45	9.87	23
S2	0.08333	19.9588	1.278	165.15	3.67	2.4e+002
ETA2	0.08507	0.2845	1.278	133.73	246.34	0.05
MO3	0.11924	0.5153	0.144	264.74	16.33	13
M3	0.12077	0.2096	0.144	177.70	38.69	2.1
MK3	0.12229	0.3646	0.144	281.74	22.85	6.4
SK3	0.12511	0.4893	0.144	6.36	17.23	12
MN4	0.15951	0.6769	0.099	50.65	8.25	46
M4	0.16102	1.3008	0.099	51.79	4.27	1.7e+002
SN4	0.16233	0.0585	0.099	270.80	96.70	0.35
MS4	0.16384	0.5028	0.099	91.32	11.19	26
S4	0.16667	0.1721	0.099	188.86	33.09	3
2MK5	0.20280	0.1425	0.075	168.77	30.19	3.6
2SK5	0.20845	0.1819	0.075	46.71	24.24	5.8
2MN6	0.24002	0.7851	0.183	316.69	12.99	18
M6	0.24153	1.4301	0.183	350.78	7.10	61
2MS6	0.24436	0.4892	0.183	48.68	21.00	7.1
2SM6	0.24718	0.0860	0.183	9.46	120.86	0.22
3MK7	0.28331	0.0134	0.029	43.29	122.87	0.21
M8	0.32205	0.0605	0.034	323.13	30.67	3.2

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p6382.txt
 date: 23-May-2005
 nobs = 2398, ngood = 2397, record length (days) = 99.92
 start time: 13-Feb-2001 15:58:08
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.88e+003, x trend= 0

var(x)= 9270.0929 var(xp)= 9140.5119 var(xres)= 129.581
 percent var predicted= 98.6 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	3.1251	3.394	356.51	62.22	0.85
MSF	0.00282	3.8247	3.394	285.97	50.84	1.3
ALP1	0.03440	0.8142	0.921	338.18	65.01	0.78
2Q1	0.03571	0.5747	0.921	169.29	89.76	0.39
Q1	0.03722	1.3564	0.921	178.93	38.82	2.2
O1	0.03873	11.0318	0.921	188.76	4.84	1.4e+002
NO1	0.04027	1.7644	0.921	170.65	36.36	3.7
K1	0.04178	11.1539	0.921	202.32	4.77	1.5e+002
J1	0.04329	0.1796	0.921	95.13	279.25	0.038
OO1	0.04483	0.5253	0.921	231.74	113.37	0.33
UPS1	0.04634	0.3899	0.921	202.02	144.19	0.18
EPS2	0.07618	0.6661	1.234	131.48	99.51	0.29
MU2	0.07769	1.6510	1.234	180.53	41.88	1.8
N2	0.07900	29.9436	1.234	63.85	2.35	5.9e+002
M2	0.08051	129.5648	1.234	106.47	0.54	1.1e+004
L2	0.08202	6.0693	1.234	179.19	10.30	24
S2	0.08333	23.9751	1.234	143.48	2.95	3.8e+002
ETA2	0.08507	0.5963	1.234	35.00	109.49	0.23
MO3	0.11924	0.4753	0.107	221.94	13.00	20
M3	0.12077	0.2603	0.107	146.49	23.38	5.9
MK3	0.12229	0.1793	0.107	214.03	34.34	2.8
SK3	0.12511	0.1032	0.107	161.45	60.11	0.92
MN4	0.15951	0.6104	0.145	330.96	13.47	18
M4	0.16102	1.6335	0.145	356.76	5.02	1.3e+002
SN4	0.16233	0.2685	0.145	46.01	30.88	3.4
MS4	0.16384	0.7991	0.145	46.14	10.35	30
S4	0.16667	0.1241	0.145	100.61	67.15	0.73
2MK5	0.20280	0.1340	0.072	98.69	30.41	3.5
2SK5	0.20845	0.2277	0.072	92.64	18.18	10
2MN6	0.24002	0.7508	0.161	203.41	12.01	22
M6	0.24153	1.4172	0.161	265.80	6.34	78
2MS6	0.24436	0.5982	0.161	310.26	15.15	14
2SM6	0.24718	0.1401	0.161	356.92	65.20	0.76
3MK7	0.28331	0.0179	0.033	61.93	104.98	0.29
M8	0.32205	0.0778	0.034	244.27	23.96	5.4

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p6452.txt
 date: 23-May-2005
 nobs = 1486, ngood = 1485, record length (days) = 61.92
 start time: 23-May-2001 14:58:07
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 4.03e+003, x trend= 0

var(x)= 9525.3773 var(xp)= 9499.3414 var(xres)= 26.0359
 percent var predicted= 99.7 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.5940	1.599	297.43	154.24	0.14
MSF	0.00282	0.6013	1.599	87.00	152.35	0.14
ALP1	0.03440	0.4674	0.629	129.21	76.47	0.55
2Q1	0.03571	0.7271	0.629	201.75	47.78	1.3
Q1	0.03722	2.0595	0.629	177.26	17.22	11
O1	0.03873	11.7643	0.629	185.69	3.06	3.5e+002
NO1	0.04027	0.5858	0.629	128.77	63.44	0.87
K1	0.04178	17.3500	0.629	202.27	2.07	7.6e+002
J1	0.04329	0.9553	0.629	197.89	35.62	2.3
OO1	0.04483	0.6037	0.629	261.86	60.92	0.92
UPS1	0.04634	0.3313	0.629	211.25	108.49	0.28
EPS2	0.07618	0.4328	1.176	151.26	147.04	0.14
MU2	0.07769	3.3350	1.176	345.07	19.84	8
N2	0.07900	29.2317	1.176	84.27	2.30	6.2e+002
M2	0.08051	129.0144	1.176	107.85	0.52	1.2e+004
L2	0.08202	6.2500	1.176	144.10	10.11	28
S2	0.08333	13.7381	1.176	138.21	4.91	1.4e+002
ETA2	0.08507	0.3356	1.176	301.73	181.59	0.081
MO3	0.11924	0.8921	0.140	211.18	8.94	41
M3	0.12077	0.3415	0.140	115.21	23.30	6
MK3	0.12229	0.5522	0.140	253.02	14.43	16
SK3	0.12511	0.1634	0.140	256.35	49.04	1.4
MN4	0.15951	0.9873	0.130	342.43	7.48	58
M4	0.16102	1.6429	0.130	354.27	4.49	1.6e+002
SN4	0.16233	0.1605	0.130	277.05	46.26	1.5
MS4	0.16384	0.6025	0.130	30.39	12.31	21
S4	0.16667	0.1324	0.130	101.25	56.30	1
2MK5	0.20280	0.2159	0.102	147.42	26.73	4.5
2SK5	0.20845	0.1744	0.102	154.44	33.45	2.9
2MN6	0.24002	0.8716	0.233	245.14	15.08	14
M6	0.24153	1.4771	0.233	270.04	8.89	40
2MS6	0.24436	0.2949	0.233	320.60	44.74	1.6
2SM6	0.24718	0.1049	0.233	7.84	126.49	0.2
3MK7	0.28331	0.0325	0.073	50.98	127.32	0.2
M8	0.32205	0.0567	0.052	287.09	51.36	1.2

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p6832.txt
 date: 23-May-2005
 nobs = 2492, ngood = 2491, record length (days) = 103.83
 start time: 06-Feb-2002 16:58:12
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.87e+003, x trend= 0

var(x)= 9139.2027 var(xp)= 9024.3918 var(xres)= 114.811
 percent var predicted= 98.7 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.2536	3.426	270.32	87.10	0.43
MSF	0.00282	1.8927	3.426	230.68	103.71	0.31
ALP1	0.03440	0.2316	0.796	248.28	188.76	0.085
2Q1	0.03571	0.3398	0.796	217.67	125.43	0.18
Q1	0.03722	2.1030	0.796	176.67	20.52	7
O1	0.03873	11.7188	0.796	186.19	3.73	2.2e+002
NO1	0.04027	1.2503	0.796	193.66	26.50	2.5
K1	0.04178	12.0489	0.796	203.83	3.67	2.3e+002
J1	0.04329	0.6017	0.796	204.10	71.37	0.57
OO1	0.04483	0.4549	0.796	239.07	77.29	0.33
UPS1	0.04634	0.3917	0.796	195.70	94.97	0.24
EPS2	0.07618	0.3288	1.104	117.64	188.55	0.089
MU2	0.07769	3.1789	1.104	53.86	19.87	8.3
N2	0.07900	33.6074	1.104	71.48	1.88	9.3e+002
M2	0.08051	128.0838	1.104	106.58	0.50	1.3e+004
L2	0.08202	9.7333	1.104	165.88	8.32	78
S2	0.08333	24.1630	1.104	144.92	2.62	4.8e+002
ETA2	0.08507	0.5080	1.104	27.46	107.35	0.21
MO3	0.11924	0.4763	0.141	221.78	16.38	11
M3	0.12077	0.3551	0.141	152.93	22.97	6.3
MK3	0.12229	0.2415	0.141	249.78	32.69	2.9
SK3	0.12511	0.1127	0.141	140.79	69.70	0.64
MN4	0.15951	0.8064	0.125	333.54	8.97	41
M4	0.16102	1.7004	0.125	359.26	4.26	1.8e+002
SN4	0.16233	0.2957	0.125	93.44	24.34	5.6
MS4	0.16384	0.8263	0.125	49.90	8.73	43
S4	0.16667	0.1462	0.125	43.59	49.14	1.4
2MK5	0.20280	0.1672	0.077	112.97	25.69	4.8
2SK5	0.20845	0.1795	0.077	76.78	23.71	5.5
2MN6	0.24002	1.0410	0.138	218.17	7.69	57
M6	0.24153	1.2752	0.138	262.88	6.29	85
2MS6	0.24436	0.6977	0.138	320.33	11.44	25
2SM6	0.24718	0.1625	0.138	355.35	48.89	1.4
3MK7	0.28331	0.0350	0.032	123.55	50.66	1.2
M8	0.32205	0.0515	0.036	236.40	41.18	2

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS2\p6902.txt
 date: 23-May-2005
 nobs = 3074, ngood = 3073, record length (days) = 128.08
 start time: 21-May-2002 15:58:08
 rayleigh criterion = 1.0
 nodal corrections applied to amplitude and phase relative to center time

x0= 3.85e+003, x trend= 0

var(x)= 9175.6347 var(xp)= 9106.9896 var(xres)= 68.645
 percent var predicted= 99.3 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	2.2809	2.196	273.19	55.16	1.1
MSF	0.00282	0.8441	2.196	176.90	149.05	0.15
ALP1	0.03440	0.1493	0.497	221.65	180.54	0.09
2Q1	0.03571	0.1753	0.497	333.41	151.20	0.12
Q1	0.03722	1.5683	0.497	173.43	16.98	10
O1	0.03873	11.5330	0.497	184.79	2.33	5.4e+002
NO1	0.04027	0.9285	0.497	209.60	21.04	3.5
K1	0.04178	14.7478	0.497	208.25	1.85	8.8e+002
J1	0.04329	0.8828	0.497	193.06	30.49	3.2
OO1	0.04483	0.3193	0.497	195.96	63.90	0.41
UPS1	0.04634	0.2240	0.497	265.36	97.48	0.2
EPS2	0.07618	0.4687	1.184	58.93	144.80	0.16
MU2	0.07769	1.9058	1.184	315.03	35.86	2.6
N2	0.07900	28.3190	1.184	81.18	2.41	5.7e+002
M2	0.08051	130.0573	1.184	108.03	0.53	1.2e+004
L2	0.08202	7.8488	1.184	150.54	12.25	44
S2	0.08333	16.8102	1.184	147.32	4.03	2e+002
ETA2	0.08507	0.5831	1.184	267.04	99.45	0.24
MO3	0.11924	0.6250	0.071	209.49	6.19	78
M3	0.12077	0.3495	0.071	130.70	11.78	24
MK3	0.12229	0.4710	0.071	235.24	8.35	44
SK3	0.12511	0.2430	0.071	280.34	16.05	12
MN4	0.15951	0.7615	0.085	348.53	6.53	79
M4	0.16102	1.6507	0.085	350.84	3.02	3.7e+002
SN4	0.16233	0.0815	0.085	306.91	60.45	0.91
MS4	0.16384	0.5431	0.085	45.16	9.09	40
S4	0.16667	0.0496	0.085	136.66	98.63	0.34
2MK5	0.20280	0.1685	0.049	109.20	16.24	12
2SK5	0.20845	0.0607	0.049	205.79	44.31	1.5
2MN6	0.24002	0.8606	0.147	240.77	10.02	34
M6	0.24153	1.6172	0.147	276.55	5.34	1.2e+002
2MS6	0.24436	0.4071	0.147	334.89	21.04	7.7
2SM6	0.24718	0.0625	0.147	24.16	135.82	0.18
3MK7	0.28331	0.0325	0.020	59.74	33.83	2.8
M8	0.32205	0.0861	0.023	259.12	16.05	14