file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4681.txt
date: 31-Oct-2003
nobs = 2685, ngood = 2685, record length (days) = 111.88
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= -0.191, x trend= 0

var(x)= 95.1227   var(xp)= 34.1522   var(xres)= 60.208
percent var predicted/var original= 35.9 %

y0= 1.73, x trend= 0

var(y)= 109.3571   var(yp)= 3.0836 var(yres)= 106.3923
percent var predicted/var original= 2.8 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	4.814	3.518	-0.016	2.02	91.82	24.65	133.30	51.58	1.9
MSF	0.0028219	4.473	3.674	-2.088	2.06	78.60	38.94	227.73	68.95	1.5
ALP1	0.0343966	0.640	0.690	0.016	0.63	73.26	63.23	256.80	77.86	0.86
2Q1	0.0357064	0.430	0.672	-0.302	0.60	121.69	110.14	78.28	130.70	0.41
Q1	0.0372185	0.375	0.630	0.049	0.56	81.14	100.40	239.35	127.21	0.35
O1	0.0387307	0.523	0.713	-0.167	0.61	91.35	83.39	283.47	110.48	0.54
*NO1	0.0402686	2.213	1.546	-0.866	1.56	61.59	52.13	328.12	54.60	2
*K1	0.0417807	1.693	0.709	-0.977	0.72	152.14	45.57	81.14	51.24	5.7
*J1	0.0432929	1.024	0.695	-0.766	0.60	91.19	83.77	162.06	90.04	2.2
OO1	0.0448308	1.118	1.015	-0.565	1.04	115.63	79.02	108.18	104.61	1.2
UPS1	0.0463430	0.813	0.939	0.239	0.82	114.78	75.11	185.56	86.63	0.75
EPS2	0.0761773	0.868	1.113	-0.353	0.94	29.83	80.46	106.38	106.14	0.61
MU2	0.0776895	0.985	1.092	-0.556	1.02	51.80	101.03	77.24	113.45	0.81
*N2	0.0789992	2.702	1.397	0.071	1.04	14.36	27.43	47.35	35.86	3.7
*M2	0.0805114	7.367	1.453	1.273	1.12	1.90	9.19	10.01	13.14	26
L2	0.0820236	0.870	0.939	-0.667	0.99	66.66	124.75	354.35	110.08	0.86
S2	0.0833333	1.065	1.181	-0.073	0.93	176.08	69.74	120.57	111.36	0.81
ETA2	0.0850736	0.514	1.083	-0.300	0.86	36.28	111.50	283.69	153.52	0.23
MO3	0.1192421	0.302	0.347	0.041	0.36	49.15	93.67	91.48	86.01	0.76
M3	0.1207671	0.259	0.335	-0.058	0.28	165.99	107.95	81.52	120.12	0.6
MK3	0.1222921	0.310	0.331	-0.025	0.35	32.08	82.55	226.86	95.20	0.87
SK3	0.1251141	0.351	0.344	-0.036	0.36	88.63	68.21	197.02	74.32	1
*MN4	0.1595106	0.482	0.330	0.046	0.30	17.62	36.03	152.90	41.38	2.1
*M4	0.1610228	0.950	0.299	-0.316	0.26	15.82	24.22	95.47	19.26	10
SN4	0.1623326	0.134	0.226	-0.062	0.21	178.68	113.96	171.91	205.19	0.35
*MS4	0.1638447	0.591	0.272	-0.398	0.27	55.04	64.62	347.69	63.69	4.7
S4	0.1666667	0.244	0.247	-0.135	0.25	44.55	94.08	302.91	105.05	0.97
2MK5	0.2028035	0.044	0.147	0.013	0.13	177.18	139.47	28.67	178.33	0.088
2SK5	0.2084474	0.154	0.171	-0.080	0.17	174.57	106.20	181.86	91.62	0.81
*2MN6	0.2400221	0.462	0.242	-0.099	0.21	39.01	28.30	197.50	32.99	3.7
*M6	0.2415342	0.638	0.243	-0.107	0.23	39.57	21.88	189.44	22.62	6.9
2MS6	0.2443561	0.304	0.226	-0.009	0.21	24.55	45.12	138.21	44.50	1.8
2SM6	0.2471781	0.154	0.184	0.003	0.18	133.82	91.13	16.68	104.42	0.7
3MK7	0.2833149	0.095	0.126	-0.048	0.12	146.28	102.28	154.63	119.16	0.56
*M8	0.3220456	0.114	0.080	-0.059	0.08	84.48	67.89	268.98	75.38	2

total var= 204.4798   pred var= 37.2358
percent total var predicted/var original= 18.2 %