file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\p4401.txt
date: 31-Oct-2003
nobs = 2853, ngood = 2853, record length (days) = 118.88
start time: 07-Jun-1994 14:59:59
rayleigh criterion = 1.0
Greenwich phase computed with nodal corrections applied to amplitude \n and phase relative to center time

x0= 4.32e+003, x trend= 0

var(x)= 9584.7734 var(xp)= 9516.424 var(xres)= 66.7263
percent var predicted/var original= 99.3 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.0015122	1.7623	2.243	225.75	79.46	0.62
MSF	0.0028219	1.6767	2.305	41.53	72.57	0.53
ALP1	0.0343966	0.5484	0.847	316.36	108.14	0.42
2Q1	0.0357064	0.4986	0.898	104.16	117.52	0.31
Q1	0.0372185	1.4165	1.006	161.98	39.50	2
*O1	0.0387307	11.1812	1.045	185.70	4.45	1.1e+002
NO1	0.0402686	1.2681	0.911	203.32	38.67	1.9
*K1	0.0417807	14.1758	1.004	212.79	3.84	2e+002
J1	0.0432929	0.7152	0.976	196.06	90.47	0.54
OO1	0.0448308	0.2981	0.929	310.08	196.87	0.1
UPS1	0.0463430	0.5389	1.142	322.27	147.96	0.22
EPS2	0.0761773	0.4530	1.126	120.91	172.43	0.16
MU2	0.0776895	1.8822	1.434	215.47	48.74	1.7
*N2	0.0789992	26.0888	1.361	76.92	2.88	3.7e+002
*M2	0.0805114	130.7281	1.414	107.82	0.59	8.5e+003
*L2	0.0820236	3.6143	1.446	138.55	22.47	6.2
*S2	0.0833333	18.8411	1.355	148.20	4.60	1.9e+002
ETA2	0.0850736	0.3370	1.286	19.73	218.09	0.069
*MO3	0.1192421	0.5711	0.117	204.56	11.50	24
*M3	0.1207671	0.1760	0.113	122.12	39.14	2.4
*MK3	0.1222921	0.4803	0.133	247.84	14.54	13
*SK3	0.1251141	0.2291	0.112	290.23	30.84	4.2
*MN4	0.1595106	0.7380	0.149	345.27	11.11	25
*M4	0.1610228	1.7271	0.131	357.22	4.61	1.7e+002
*SN4	0.1623326	0.1834	0.127	24.87	41.32	2.1
*MS4	0.1638447	0.6347	0.161	46.12	12.74	16
S4	0.1666667	0.0541	0.107	186.27	138.66	0.26
*2MK5	0.2028035	0.1418	0.081	111.32	36.27	3.1
*2SK5	0.2084474	0.1418	0.090	252.43	33.58	2.5
*2MN6	0.2400221	0.7083	0.210	242.53	18.92	11
*M6	0.2415342	1.6894	0.227	276.97	8.54	55
*2MS6	0.2443561	0.5320	0.264	336.68	27.99	4.1
2SM6	0.2471781	0.0631	0.184	9.05	172.64	0.12
3MK7	0.2833149	0.0129	0.021	262.07	145.96	0.36
*M8	0.3220456	0.0825	0.031	242.48	22.36	7.3