file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6281_1.txt
date: 31-Oct-2003
nobs = 2828, ngood = 2827, record length (days) = 117.83
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= -0.104, x trend= 0

var(x)= 53.3166   var(xp)= 21.7801   var(xres)= 31.4928
percent var predicted/var original= 40.9 %

y0= -2.57, x trend= 0

var(y)= 99.2582   var(yp)= 31.0791 var(yres)= 68.1602
percent var predicted/var original= 31.3 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.655	2.623	1.124	2.38	95.91	81.38	116.26	144.51	0.4
MSF	0.0028219	1.343	2.805	0.157	2.33	120.04	69.03	312.48	155.21	0.23
ALP1	0.0343966	0.543	0.499	0.034	0.51	92.42	64.40	82.30	72.12	1.2
2Q1	0.0357064	0.132	0.443	-0.022	0.43	171.93	132.32	133.85	258.21	0.088
Q1	0.0372185	0.387	0.457	0.323	0.45	62.08	125.09	250.09	145.47	0.72
O1	0.0387307	0.586	0.536	0.012	0.49	91.12	70.10	305.94	76.62	1.2
NO1	0.0402686	0.538	1.009	-0.384	0.84	79.86	139.32	355.36	149.25	0.28
K1	0.0417807	0.705	0.538	0.428	0.48	146.31	86.96	314.00	80.38	1.7
J1	0.0432929	0.099	0.432	-0.042	0.38	139.44	134.54	104.97	231.59	0.052
OO1	0.0448308	0.992	0.828	-0.362	0.76	99.62	71.14	151.06	70.61	1.4
UPS1	0.0463430	0.386	0.558	-0.172	0.62	92.17	113.70	97.83	138.35	0.48
EPS2	0.0761773	0.272	0.729	-0.052	0.64	76.89	134.27	171.51	163.12	0.14
MU2	0.0776895	0.416	0.817	-0.267	0.77	156.36	109.90	320.93	148.34	0.26
*N2	0.0789992	2.304	1.018	-0.452	1.01	50.84	29.33	264.94	26.61	5.1
*M2	0.0805114	9.545	0.911	0.179	1.08	49.30	6.57	95.01	5.89	1.1e+002
*L2	0.0820236	1.224	0.725	-0.928	0.83	69.83	93.53	18.62	88.79	2.8
*S2	0.0833333	1.278	0.878	-0.104	1.12	77.46	63.94	239.47	53.07	2.1
ETA2	0.0850736	0.267	0.746	0.144	0.70	161.40	128.50	16.99	244.67	0.13
MO3	0.1192421	0.215	0.238	-0.102	0.25	14.73	98.34	179.12	100.83	0.81
M3	0.1207671	0.233	0.282	-0.162	0.26	24.95	111.20	230.05	107.76	0.68
MK3	0.1222921	0.226	0.269	-0.197	0.25	110.82	119.26	316.42	142.70	0.71
SK3	0.1251141	0.192	0.233	0.015	0.24	53.22	97.67	205.41	104.21	0.68
MN4	0.1595106	0.222	0.214	-0.100	0.25	85.78	113.15	9.41	87.75	1.1
*M4	0.1610228	0.456	0.253	-0.329	0.27	86.47	93.86	264.12	77.22	3.3
SN4	0.1623326	0.376	0.285	-0.199	0.23	174.18	68.19	15.95	96.00	1.7
MS4	0.1638447	0.183	0.237	-0.015	0.24	74.23	114.74	81.22	91.24	0.6
S4	0.1666667	0.084	0.195	-0.034	0.19	178.66	99.66	168.53	214.76	0.19
2MK5	0.2028035	0.287	0.204	-0.083	0.18	154.19	40.89	202.81	48.52	2
2SK5	0.2084474	0.150	0.173	-0.058	0.15	124.83	93.18	192.73	90.75	0.75
*2MN6	0.2400221	0.465	0.167	-0.090	0.14	103.82	19.40	199.22	21.44	7.8
*M6	0.2415342	0.775	0.170	0.019	0.15	98.41	9.18	39.33	12.30	21
*2MS6	0.2443561	0.320	0.165	0.000	0.15	109.44	24.27	159.44	31.31	3.8
2SM6	0.2471781	0.079	0.119	0.007	0.11	99.86	95.56	143.49	137.70	0.44
3MK7	0.2833149	0.084	0.089	0.020	0.10	159.04	95.77	165.55	81.27	0.9
*M8	0.3220456	0.108	0.066	-0.013	0.09	165.28	50.01	305.43	47.40	2.7

total var= 152.5748   pred var= 52.8592
percent total var predicted/var original= 34.6 %