file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4281.txt
date: 31-Oct-2003
nobs = 1009, ngood = 1009, record length (days) = 42.04
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= -1.44, x trend= 0

var(x)= 38.6668 var(xp)= 26.8539 var(xres)= 11.5196
percent var predicted/var original= 69.4 %

y0= 0.821, x trend= 0

var(y)= 11.3914 var(yp)= 4.5688 var(yres)= 7.235
percent var predicted/var original= 40.1 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
*MM	0.0015122	1.412	0.938	0.343	0.87	141.81	38.69	230.30	47.12	2.3
MSF	0.0028219	1.096	0.853	-0.239	0.83	137.62	56.63	200.99	59.23	1.7
ALP1	0.0343966	0.218	0.409	-0.074	0.40	138.60	113.92	62.62	147.61	0.28
2Q1	0.0357064	0.397	0.472	0.075	0.44	138.06	93.26	124.53	91.79	0.71
Q1	0.0372185	0.435	0.454	-0.118	0.49	138.08	85.90	16.05	70.49	0.92
O1	0.0387307	0.209	0.429	0.013	0.39	128.12	105.04	268.29	139.92	0.24
NO1	0.0402686	0.935	1.028	-0.115	0.90	124.92	78.08	146.18	84.90	0.83
K1	0.0417807	0.185	0.446	0.172	0.38	130.35	119.51	246.02	150.76	0.17
J1	0.0432929	0.230	0.409	0.102	0.37	127.42	118.72	57.74	141.65	0.32
OO1	0.0448308	0.234	0.614	0.015	0.58	4.71	105.94	46.68	179.13	0.15
UPS1	0.0463430	0.122	0.498	-0.027	0.44	91.05	140.24	301.52	187.38	0.06
EPS2	0.0761773	0.353	0.456	0.086	0.44	150.79	94.32	125.75	116.13	0.6
MU2	0.0776895	0.443	0.580	-0.105	0.43	14.05	75.88	159.15	99.94	0.58
*N2	0.0789992	1.283	0.696	0.526	0.68	141.43	33.95	216.30	36.43	3.4
*M2	0.0805114	7.263	0.710	0.478	0.55	159.69	4.77	55.18	5.49	1e+002
L2	0.0820236	0.398	0.423	-0.137	0.42	18.79	76.60	206.17	99.26	0.89
*S2	0.0833333	1.071	0.625	0.150	0.57	150.22	38.67	111.53	44.10	2.9
ETA2	0.0850736	0.673	0.576	-0.194	0.59	129.25	76.96	162.45	71.30	1.4
MO3	0.1192421	0.298	0.221	-0.108	0.22	6.79	65.91	30.76	63.04	1.8
M3	0.1207671	0.104	0.196	0.008	0.19	152.67	138.48	54.39	158.18	0.28
MK3	0.1222921	0.144	0.191	0.012	0.19	119.53	112.76	318.39	127.46	0.57
SK3	0.1251141	0.167	0.221	0.112	0.21	19.79	136.92	54.68	122.62	0.57
*MN4	0.1595106	0.384	0.214	0.145	0.24	141.19	56.42	213.35	54.28	3.2
*M4	0.1610228	0.638	0.264	-0.294	0.26	124.38	35.61	61.45	36.12	5.8
SN4	0.1623326	0.327	0.247	0.041	0.28	115.00	65.36	36.68	60.17	1.7
MS4	0.1638447	0.166	0.238	-0.088	0.22	106.93	101.24	170.53	126.28	0.48
S4	0.1666667	0.106	0.196	-0.048	0.20	104.46	102.77	330.13	151.09	0.29
2MK5	0.2028035	0.099	0.124	0.003	0.13	12.50	110.01	256.32	108.84	0.63
2SK5	0.2084474	0.134	0.142	-0.015	0.14	2.36	77.21	78.10	76.37	0.88
*2MN6	0.2400221	0.437	0.280	-0.132	0.16	5.45	24.17	340.42	40.66	2.4
*M6	0.2415342	0.637	0.245	-0.031	0.18	19.22	14.29	186.44	23.51	6.7
2MS6	0.2443561	0.173	0.184	-0.017	0.16	22.41	54.45	256.37	80.01	0.89
2SM6	0.2471781	0.142	0.154	-0.016	0.19	107.21	99.71	221.15	87.74	0.85
3MK7	0.2833149	0.082	0.105	0.050	0.10	156.74	96.63	264.30	116.84	0.6
*M8	0.3220456	0.219	0.110	0.043	0.10	141.33	29.95	3.67	30.15	3.9

total var= 50.0581 pred var= 31.4226
percent total var predicted/var original= 62.8 %