file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5294.txt
date: 31-Oct-2003
nobs = 2513, ngood = 2513, record length (days) = 104.71
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= 1.18, x trend= 0

var(x)= 128.5571   var(xp)= 105.1835   var(xres)= 23.3787
percent var predicted/var original= 81.8 %

y0= -0.708, x trend= 0

var(y)= 16.2091   var(yp)= 2.5151 var(yres)= 13.6905
percent var predicted/var original= 15.5 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.049	0.980	0.317	0.88	120.25	57.97	236.48	58.14	1.1
MSF	0.0028219	0.912	0.743	0.118	0.97	23.94	79.40	24.16	69.22	1.5
ALP1	0.0343966	0.234	0.258	-0.110	0.21	16.52	75.16	174.37	100.62	0.82
2Q1	0.0357064	0.109	0.205	-0.045	0.20	151.28	104.66	309.62	165.94	0.29
Q1	0.0372185	0.203	0.234	0.059	0.20	52.46	94.62	137.15	97.25	0.75
*O1	0.0387307	0.356	0.245	-0.081	0.27	50.50	58.29	6.44	57.34	2.1
NO1	0.0402686	0.438	0.577	0.118	0.47	135.40	83.92	78.80	95.24	0.58
*K1	0.0417807	0.813	0.288	0.005	0.31	57.49	20.22	291.43	19.08	8
J1	0.0432929	0.104	0.204	-0.059	0.21	157.53	116.81	245.39	193.18	0.26
OO1	0.0448308	0.371	0.390	-0.128	0.32	14.33	75.21	129.97	87.93	0.91
UPS1	0.0463430	0.177	0.312	0.121	0.27	157.77	112.53	198.29	137.16	0.32
EPS2	0.0761773	0.255	0.758	-0.084	0.58	143.75	88.19	233.42	159.21	0.11
MU2	0.0776895	0.403	0.710	-0.199	0.73	62.01	120.91	269.13	146.44	0.32
*N2	0.0789992	3.023	1.286	-0.628	0.89	176.42	15.78	306.04	27.21	5.5
*M2	0.0805114	13.561	1.298	-1.420	0.84	179.12	3.33	25.57	5.51	1.1e+002
*L2	0.0820236	1.596	0.856	-0.816	0.72	159.37	40.08	106.27	52.42	3.5
*S2	0.0833333	2.735	1.110	-0.619	0.87	176.43	18.54	13.37	30.57	6.1
ETA2	0.0850736	0.212	0.694	-0.134	0.70	137.99	90.05	99.15	193.77	0.094
MO3	0.1192421	0.198	0.199	-0.061	0.17	24.11	57.82	324.02	89.51	0.99
M3	0.1207671	0.216	0.173	-0.132	0.21	98.14	117.19	357.55	82.16	1.6
MK3	0.1222921	0.201	0.233	-0.006	0.14	179.00	44.54	120.81	81.78	0.75
SK3	0.1251141	0.165	0.182	-0.094	0.18	83.77	138.65	173.24	92.00	0.82
MN4	0.1595106	0.102	0.296	-0.027	0.19	34.63	45.45	357.03	176.18	0.12
M4	0.1610228	0.493	0.406	-0.288	0.21	9.44	49.21	142.21	81.02	1.5
SN4	0.1623326	0.189	0.289	-0.015	0.21	146.51	47.25	234.79	126.17	0.43
*MS4	0.1638447	0.658	0.449	-0.218	0.19	175.41	24.41	276.10	42.88	2.1
S4	0.1666667	0.156	0.270	-0.047	0.19	47.57	63.49	29.60	136.19	0.33
2MK5	0.2028035	0.127	0.137	0.045	0.12	141.16	78.26	178.80	97.52	0.85
2SK5	0.2084474	0.225	0.167	-0.058	0.17	30.97	52.62	174.68	51.37	1.8
2MN6	0.2400221	0.203	0.170	-0.033	0.14	12.06	44.99	342.50	63.21	1.4
*M6	0.2415342	0.357	0.159	-0.082	0.19	39.32	34.19	28.47	34.41	5
*2MS6	0.2443561	0.239	0.149	-0.013	0.16	42.16	45.23	20.61	50.38	2.6
2SM6	0.2471781	0.101	0.165	-0.034	0.14	178.13	83.39	62.31	112.29	0.38
3MK7	0.2833149	0.126	0.113	0.015	0.08	175.16	52.56	170.77	77.68	1.2
*M8	0.3220456	0.080	0.055	0.014	0.08	92.98	86.48	120.50	54.87	2.1

total var= 144.7662   pred var= 107.6986
percent total var predicted/var original= 74.4 %