file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6921_10.txt
date: 31-Oct-2003
nobs = 3739, ngood = 3738, record length (days) = 155.79
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)= 50.8647   var(xp)= 15.5304   var(xres)= 35.3382
percent var predicted/var original= 30.5 %

y0= 0.229, x trend= 0

var(y)= 112.6216   var(yp)= 45.9391 var(yres)= 66.749
percent var predicted/var original= 40.8 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
*MM	0.0015122	4.705	2.640	0.282	2.19	123.12	29.11	166.43	37.00	3.2
MSF	0.0028219	1.215	1.793	-0.266	1.54	130.28	77.54	111.84	124.71	0.46
ALP1	0.0343966	0.491	0.477	-0.043	0.51	131.64	77.43	17.21	80.78	1.1
2Q1	0.0357064	0.439	0.509	-0.263	0.51	4.08	99.46	291.71	108.27	0.74
Q1	0.0372185	0.248	0.440	0.043	0.46	161.95	135.04	315.49	125.32	0.32
O1	0.0387307	0.792	0.591	-0.278	0.53	107.74	56.60	330.53	61.92	1.8
NO1	0.0402686	0.599	0.979	-0.339	1.00	27.89	139.56	318.39	152.70	0.37
K1	0.0417807	0.755	0.616	0.369	0.54	126.42	72.38	301.38	71.19	1.5
J1	0.0432929	0.412	0.468	-0.291	0.49	24.97	126.52	209.54	138.65	0.78
OO1	0.0448308	0.690	0.830	-0.322	0.73	68.77	93.08	348.52	98.55	0.69
UPS1	0.0463430	0.232	0.509	0.031	0.51	149.02	114.70	77.27	174.69	0.21
EPS2	0.0761773	0.648	0.689	-0.540	0.73	60.78	117.01	269.40	112.37	0.88
MU2	0.0776895	0.789	0.723	-0.188	0.79	66.60	75.03	260.57	65.96	1.2
*N2	0.0789992	2.764	0.861	0.110	1.04	67.48	20.39	201.12	17.68	10
*M2	0.0805114	9.332	1.007	-0.007	1.10	59.82	6.33	245.19	5.26	86
L2	0.0820236	0.642	0.616	-0.304	0.63	62.47	91.79	316.00	90.68	1.1
*S2	0.0833333	1.415	0.783	-0.396	1.05	70.42	51.71	223.13	45.42	3.3
ETA2	0.0850736	0.377	0.746	-0.144	0.67	60.93	111.87	206.75	137.05	0.26
MO3	0.1192421	0.337	0.328	-0.288	0.28	104.13	111.43	33.67	121.77	1.1
M3	0.1207671	0.245	0.298	-0.008	0.27	110.54	79.45	40.26	94.68	0.67
MK3	0.1222921	0.423	0.362	-0.377	0.33	10.02	119.38	278.94	117.95	1.4
SK3	0.1251141	0.194	0.330	-0.146	0.30	97.17	100.67	251.80	135.82	0.35
MN4	0.1595106	0.205	0.280	-0.121	0.24	147.33	112.91	183.14	137.12	0.54
*M4	0.1610228	0.455	0.266	-0.317	0.28	108.43	85.51	207.04	74.80	2.9
SN4	0.1623326	0.178	0.257	-0.008	0.26	95.45	118.88	191.59	122.56	0.48
*MS4	0.1638447	0.450	0.314	-0.180	0.27	167.61	55.22	215.33	63.40	2
S4	0.1666667	0.134	0.283	-0.122	0.25	98.39	151.18	299.95	138.71	0.22
2MK5	0.2028035	0.055	0.159	-0.016	0.15	108.20	132.82	241.67	214.95	0.12
2SK5	0.2084474	0.092	0.170	0.023	0.15	115.65	117.98	286.71	116.02	0.29
*2MN6	0.2400221	0.450	0.234	-0.044	0.23	105.43	33.20	47.82	32.27	3.7
*M6	0.2415342	0.790	0.264	-0.000	0.22	106.16	17.24	109.16	17.10	9
*2MS6	0.2443561	0.400	0.240	-0.110	0.21	90.35	41.94	71.28	39.37	2.8
2SM6	0.2471781	0.076	0.209	-0.057	0.15	161.71	138.83	308.63	139.77	0.13
3MK7	0.2833149	0.111	0.120	-0.017	0.12	98.94	85.48	301.10	94.11	0.85
M8	0.3220456	0.031	0.069	0.015	0.06	4.16	114.68	35.84	173.84	0.2

total var= 163.4863   pred var= 61.4695
percent total var predicted/var original= 37.6 %