file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6921_1.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)= 15.4371   var(xres)= 35.436
percent var predicted/var original= 30.3 %

y0= 0.229, x trend= 0

var(y)= 112.6216   var(yp)= 45.9228 var(yres)= 66.7697
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	2.653	0.282	2.21	123.12	27.38	166.43	36.02	3.1
MSF	0.0028219	1.215	1.852	-0.266	1.39	130.28	70.56	111.84	113.53	0.43
ALP1	0.0343966	0.491	0.559	-0.043	0.55	131.64	83.30	17.21	98.13	0.77
2Q1	0.0357064	0.439	0.474	-0.263	0.53	4.08	117.54	291.71	97.61	0.86
Q1	0.0372185	0.248	0.461	0.043	0.47	161.95	139.92	315.49	144.66	0.29
O1	0.0387307	0.792	0.578	-0.278	0.62	107.74	53.55	330.53	61.80	1.9
NO1	0.0402686	0.599	0.929	-0.339	0.93	27.89	119.66	318.39	139.23	0.42
K1	0.0417807	0.755	0.556	0.369	0.54	126.42	77.84	301.38	72.67	1.8
J1	0.0432929	0.412	0.438	-0.291	0.48	24.97	117.74	209.54	121.66	0.89
OO1	0.0448308	0.690	0.766	-0.322	0.74	68.77	94.17	348.52	100.39	0.81
UPS1	0.0463430	0.232	0.525	0.031	0.48	149.02	118.91	77.27	167.70	0.2
EPS2	0.0761773	0.648	0.690	-0.540	0.71	60.78	127.22	269.40	124.85	0.88
MU2	0.0776895	0.789	0.816	-0.188	0.71	66.60	82.54	260.57	77.32	0.94
*N2	0.0789992	2.764	0.963	0.110	0.97	67.48	19.58	201.12	16.74	8.2
*M2	0.0805114	9.332	0.861	-0.007	0.97	59.82	6.22	245.19	5.66	1.2e+002
L2	0.0820236	0.642	0.598	-0.304	0.73	62.47	95.03	316.00	79.98	1.2
*S2	0.0833333	1.415	0.857	-0.396	0.92	70.42	48.64	223.13	44.70	2.7
ETA2	0.0850736	0.377	0.724	-0.144	0.70	60.93	134.76	206.75	126.71	0.27
MO3	0.1192421	0.337	0.339	-0.288	0.32	104.13	112.42	33.67	122.10	0.99
M3	0.1207671	0.245	0.284	-0.008	0.26	110.54	88.10	40.26	89.10	0.74
MK3	0.1222921	0.423	0.332	-0.377	0.35	10.02	123.74	278.94	122.69	1.6
SK3	0.1251141	0.194	0.329	-0.146	0.31	97.17	107.92	251.80	121.11	0.35
MN4	0.1595106	0.205	0.252	-0.121	0.25	147.33	106.97	183.14	118.27	0.66
*M4	0.1610228	0.455	0.276	-0.317	0.28	108.43	88.57	207.04	79.34	2.7
SN4	0.1623326	0.178	0.238	-0.008	0.25	95.45	135.08	191.59	112.88	0.56
MS4	0.1638447	0.450	0.325	-0.180	0.26	167.61	52.95	215.33	65.59	1.9
S4	0.1666667	0.134	0.286	-0.122	0.26	98.39	167.23	299.95	151.83	0.22
2MK5	0.2028035	0.055	0.155	-0.016	0.15	108.20	134.61	241.67	218.13	0.12
2SK5	0.2084474	0.092	0.176	0.023	0.17	115.65	111.69	286.71	131.53	0.27
*2MN6	0.2400221	0.450	0.254	-0.044	0.21	105.43	32.77	47.82	30.15	3.1
*M6	0.2415342	0.790	0.215	-0.000	0.23	106.16	17.43	109.16	18.62	14
*2MS6	0.2443561	0.400	0.213	-0.110	0.22	90.35	38.60	71.28	40.71	3.5
2SM6	0.2471781	0.076	0.172	-0.057	0.17	161.71	143.20	308.63	175.52	0.2
3MK7	0.2833149	0.111	0.129	-0.017	0.12	98.94	85.68	301.10	85.06	0.74
M8	0.3220456	0.031	0.060	0.015	0.06	4.16	123.81	35.84	164.97	0.27

total var= 163.4863   pred var= 61.3599
percent total var predicted/var original= 37.5 %