file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6921_5.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)= 15.5753   var(xres)= 35.2844
percent var predicted/var original= 30.6 %

y0= 0.229, x trend= 0

var(y)= 112.6216   var(yp)= 46.1188 var(yres)= 66.5951
percent var predicted/var original= 41.0 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
*MM	0.0015122	4.705	2.485	0.282	2.27	123.12	22.97	166.43	29.93	3.6
MSF	0.0028219	1.215	2.028	-0.266	1.67	130.28	71.11	111.84	111.70	0.36
ALP1	0.0343966	0.491	0.573	-0.043	0.56	131.64	79.66	17.21	85.96	0.73
2Q1	0.0357064	0.439	0.494	-0.263	0.52	4.08	119.86	291.71	120.31	0.79
Q1	0.0372185	0.248	0.425	0.043	0.49	161.95	117.00	315.49	145.29	0.34
O1	0.0387307	0.792	0.612	-0.278	0.61	107.74	57.92	330.53	61.24	1.7
NO1	0.0402686	0.599	1.137	-0.339	1.05	27.89	113.00	318.39	150.10	0.28
*K1	0.0417807	0.755	0.533	0.369	0.52	126.42	70.24	301.38	72.73	2
J1	0.0432929	0.412	0.523	-0.291	0.48	24.97	124.59	209.54	125.45	0.62
OO1	0.0448308	0.690	0.786	-0.322	0.79	68.77	80.38	348.52	100.65	0.77
UPS1	0.0463430	0.232	0.587	0.031	0.53	149.02	138.63	77.27	176.72	0.16
EPS2	0.0761773	0.648	0.719	-0.540	0.66	60.78	124.32	269.40	126.56	0.81
MU2	0.0776895	0.789	0.730	-0.188	0.85	66.60	83.09	260.57	72.00	1.2
*N2	0.0789992	2.764	0.805	0.110	0.88	67.48	21.43	201.12	18.04	12
*M2	0.0805114	9.332	0.923	-0.007	0.90	59.82	5.38	245.19	5.62	1e+002
L2	0.0820236	0.642	0.625	-0.304	0.60	62.47	86.68	316.00	79.26	1.1
*S2	0.0833333	1.415	0.874	-0.396	0.89	70.42	43.70	223.13	41.16	2.6
ETA2	0.0850736	0.377	0.650	-0.144	0.68	60.93	110.81	206.75	152.45	0.34
MO3	0.1192421	0.337	0.323	-0.288	0.31	104.13	124.91	33.67	132.07	1.1
M3	0.1207671	0.245	0.299	-0.008	0.27	110.54	82.24	40.26	103.28	0.67
MK3	0.1222921	0.423	0.318	-0.377	0.29	10.02	128.10	278.94	111.57	1.8
SK3	0.1251141	0.194	0.281	-0.146	0.30	97.17	110.90	251.80	137.32	0.48
MN4	0.1595106	0.205	0.276	-0.121	0.23	147.33	112.82	183.14	143.07	0.55
*M4	0.1610228	0.455	0.259	-0.317	0.31	108.43	89.03	207.04	75.85	3.1
SN4	0.1623326	0.178	0.224	-0.008	0.25	95.45	120.78	191.59	99.41	0.63
MS4	0.1638447	0.450	0.326	-0.180	0.29	167.61	58.32	215.33	64.08	1.9
S4	0.1666667	0.134	0.245	-0.122	0.28	98.39	161.23	299.95	154.44	0.3
2MK5	0.2028035	0.055	0.152	-0.016	0.15	108.20	127.05	241.67	187.46	0.13
2SK5	0.2084474	0.092	0.157	0.023	0.15	115.65	111.40	286.71	146.42	0.34
*2MN6	0.2400221	0.450	0.213	-0.044	0.23	105.43	33.28	47.82	29.91	4.5
*M6	0.2415342	0.790	0.233	-0.000	0.22	106.16	16.21	109.16	15.65	12
*2MS6	0.2443561	0.400	0.200	-0.110	0.22	90.35	38.03	71.28	37.67	4
2SM6	0.2471781	0.076	0.175	-0.057	0.17	161.71	134.75	308.63	155.45	0.19
3MK7	0.2833149	0.111	0.123	-0.017	0.12	98.94	76.92	301.10	83.98	0.81
M8	0.3220456	0.031	0.063	0.015	0.07	4.16	119.28	35.84	145.41	0.24

total var= 163.4863   pred var= 61.6942
percent total var predicted/var original= 37.7 %