file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6301_15.txt
date: 31-Oct-2003
nobs = 3362, ngood = 3360, record length (days) = 140.08
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= 0.8, x trend= 0

var(x)= 75.1383   var(xp)= 51.6395   var(xres)= 23.5414
percent var predicted/var original= 68.7 %

y0= -3.38, x trend= 0

var(y)= 53.8514   var(yp)= 18.4413 var(yres)= 35.4743
percent var predicted/var original= 34.2 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.894	1.213	-0.378	1.25	84.94	114.30	358.17	128.20	0.54
MSF	0.0028219	0.641	1.219	-0.402	1.18	55.60	128.38	13.47	152.15	0.28
ALP1	0.0343966	0.335	0.363	-0.020	0.41	166.66	110.10	237.95	88.25	0.85
2Q1	0.0357064	0.190	0.403	0.015	0.34	31.01	130.50	18.53	140.00	0.22
Q1	0.0372185	0.158	0.372	-0.041	0.32	170.99	151.22	290.76	134.71	0.18
O1	0.0387307	0.538	0.432	0.082	0.48	12.08	65.54	273.37	58.99	1.5
NO1	0.0402686	0.710	0.756	-0.575	0.84	122.61	106.34	118.87	119.52	0.88
K1	0.0417807	0.723	0.512	-0.074	0.35	84.56	32.42	228.71	50.67	2
J1	0.0432929	0.276	0.302	0.060	0.38	172.38	128.35	154.60	101.50	0.83
OO1	0.0448308	0.658	0.687	-0.219	0.48	97.16	52.88	143.51	87.44	0.92
UPS1	0.0463430	0.235	0.481	-0.114	0.40	90.15	84.37	226.06	175.12	0.24
EPS2	0.0761773	0.361	0.338	0.033	0.47	160.65	104.33	118.91	74.81	1.1
MU2	0.0776895	0.519	0.472	-0.248	0.40	137.03	71.42	30.77	87.12	1.2
*N2	0.0789992	2.158	0.424	-0.214	0.61	24.56	15.91	149.18	11.00	26
*M2	0.0805114	11.133	0.474	-0.867	0.62	30.44	2.99	143.70	2.56	5.5e+002
L2	0.0820236	0.401	0.345	-0.258	0.37	48.52	78.54	113.34	106.59	1.4
*S2	0.0833333	1.733	0.497	0.018	0.58	29.04	20.77	6.23	14.54	12
ETA2	0.0850736	0.327	0.375	-0.121	0.43	20.91	136.47	155.78	99.61	0.76
MO3	0.1192421	0.210	0.202	-0.065	0.18	97.65	72.71	95.58	96.54	1.1
M3	0.1207671	0.103	0.175	0.055	0.17	156.79	117.40	286.32	142.98	0.34
MK3	0.1222921	0.222	0.187	-0.089	0.21	165.80	83.51	51.94	68.28	1.4
SK3	0.1251141	0.152	0.188	0.014	0.18	169.56	111.38	19.51	98.81	0.66
*MN4	0.1595106	0.345	0.241	-0.062	0.17	64.22	36.12	25.72	38.85	2
*M4	0.1610228	0.687	0.198	-0.167	0.18	72.14	17.05	23.57	20.62	12
SN4	0.1623326	0.098	0.180	0.045	0.15	53.67	92.46	232.68	124.99	0.3
*MS4	0.1638447	0.355	0.234	-0.049	0.18	98.29	31.23	243.64	38.06	2.3
S4	0.1666667	0.135	0.193	-0.098	0.16	135.20	117.62	258.13	125.87	0.49
2MK5	0.2028035	0.070	0.130	0.007	0.12	77.32	91.92	307.04	149.70	0.29
2SK5	0.2084474	0.083	0.139	-0.057	0.13	34.09	123.69	141.97	141.46	0.36
*2MN6	0.2400221	0.303	0.187	-0.065	0.18	65.65	36.46	199.70	39.65	2.6
*M6	0.2415342	0.697	0.179	0.104	0.16	64.63	13.10	209.69	17.52	15
*2MS6	0.2443561	0.343	0.193	-0.001	0.15	60.68	28.60	66.32	32.71	3.2
2SM6	0.2471781	0.116	0.147	0.001	0.13	87.33	76.26	275.81	104.27	0.63
3MK7	0.2833149	0.073	0.102	-0.005	0.10	106.43	89.39	182.11	123.84	0.51
*M8	0.3220456	0.209	0.105	-0.035	0.09	83.95	29.32	150.68	35.89	4

total var= 128.9897   pred var= 70.0809
percent total var predicted/var original= 54.3 %