file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5322_1.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= -0.731, x trend= 0

var(x)= 72.0704   var(xp)= 32.6299   var(xres)= 39.4719
percent var predicted/var original= 45.3 %

y0= -0.233, x trend= 0

var(y)= 118.8082   var(yp)= 51.9726 var(yres)= 66.8412
percent var predicted/var original= 43.7 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	4.750	3.362	0.583	2.37	112.09	34.64	240.68	45.59	2
MSF	0.0028219	1.260	2.434	0.457	1.83	81.07	68.68	165.92	147.52	0.27
ALP1	0.0343966	0.593	0.589	-0.148	0.60	73.70	90.38	70.55	86.42	1
2Q1	0.0357064	0.583	0.577	-0.222	0.60	134.81	87.63	294.20	89.27	1
Q1	0.0372185	0.120	0.503	-0.023	0.53	157.40	125.65	289.81	247.17	0.057
O1	0.0387307	0.382	0.555	-0.183	0.61	46.00	107.93	226.25	124.33	0.47
NO1	0.0402686	0.628	1.032	-0.331	1.33	6.77	107.58	122.29	143.68	0.37
K1	0.0417807	0.807	0.642	0.121	0.71	104.40	66.70	251.66	56.39	1.6
J1	0.0432929	0.779	0.637	-0.419	0.55	157.18	68.32	121.70	79.14	1.5
OO1	0.0448308	1.028	0.995	-0.738	1.00	131.79	98.46	239.17	101.77	1.1
UPS1	0.0463430	0.944	0.803	-0.407	0.87	61.72	86.42	119.70	82.75	1.4
EPS2	0.0761773	0.809	0.935	-0.341	0.91	16.97	103.50	32.56	106.33	0.75
MU2	0.0776895	0.509	0.870	-0.018	0.84	43.00	116.51	26.69	141.63	0.34
*N2	0.0789992	2.512	1.115	0.017	1.23	50.30	30.35	74.40	28.29	5.1
*M2	0.0805114	12.056	1.175	-1.546	1.31	52.99	6.68	148.79	6.69	1.1e+002
*L2	0.0820236	1.396	0.956	-0.486	0.98	27.44	53.14	206.24	45.42	2.1
*S2	0.0833333	2.261	1.240	-0.686	1.23	25.68	39.24	98.59	38.67	3.3
ETA2	0.0850736	0.386	0.868	-0.111	0.95	50.48	117.02	134.62	169.52	0.2
MO3	0.1192421	0.340	0.325	0.001	0.38	160.70	89.18	98.98	80.87	1.1
M3	0.1207671	0.284	0.340	-0.117	0.37	152.43	109.26	333.82	116.23	0.69
MK3	0.1222921	0.297	0.302	-0.241	0.34	59.95	108.56	27.17	130.19	0.97
SK3	0.1251141	0.360	0.423	-0.043	0.37	69.89	72.85	314.30	86.71	0.73
MN4	0.1595106	0.445	0.370	-0.150	0.36	103.23	79.54	290.46	66.02	1.4
M4	0.1610228	0.505	0.404	-0.293	0.40	151.92	83.29	318.64	81.02	1.6
SN4	0.1623326	0.575	0.416	-0.352	0.37	165.85	72.15	231.48	82.35	1.9
MS4	0.1638447	0.179	0.290	0.001	0.29	50.55	110.95	25.48	143.42	0.38
S4	0.1666667	0.214	0.311	-0.095	0.35	55.84	126.06	290.12	136.39	0.47
2MK5	0.2028035	0.244	0.188	-0.187	0.18	110.29	84.25	295.06	104.50	1.7
2SK5	0.2084474	0.198	0.192	0.037	0.19	69.06	72.48	342.55	73.23	1.1
*2MN6	0.2400221	0.432	0.228	0.064	0.24	90.04	31.71	101.45	34.17	3.6
*M6	0.2415342	0.848	0.254	-0.002	0.24	101.62	14.77	176.71	16.47	11
2MS6	0.2443561	0.301	0.228	-0.105	0.23	92.43	54.88	189.54	53.66	1.7
2SM6	0.2471781	0.258	0.227	-0.050	0.20	93.50	57.40	70.76	64.53	1.3
3MK7	0.2833149	0.189	0.158	0.027	0.15	174.65	54.58	189.63	63.44	1.4
M8	0.3220456	0.113	0.099	-0.073	0.10	80.16	108.77	240.08	92.37	1.3

total var= 190.8786   pred var= 84.6024
percent total var predicted/var original= 44.3 %