file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5322_5.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)= 32.9065   var(xres)= 39.2023
percent var predicted/var original= 45.7 %

y0= -0.233, x trend= 0

var(y)= 118.8082   var(yp)= 52.098 var(yres)= 66.7127
percent var predicted/var original= 43.9 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	4.750	3.428	0.583	2.65	112.09	30.91	240.68	40.66	1.9
MSF	0.0028219	1.260	2.154	0.457	1.98	81.07	80.19	165.92	164.69	0.34
ALP1	0.0343966	0.593	0.560	-0.148	0.58	73.70	87.25	70.55	85.57	1.1
2Q1	0.0357064	0.583	0.624	-0.222	0.60	134.81	87.40	294.20	91.50	0.87
Q1	0.0372185	0.120	0.471	-0.023	0.53	157.40	145.59	289.81	241.80	0.065
O1	0.0387307	0.382	0.544	-0.183	0.59	46.00	116.10	226.25	137.02	0.49
NO1	0.0402686	0.628	1.284	-0.331	1.04	6.77	121.80	122.29	127.69	0.24
K1	0.0417807	0.807	0.583	0.121	0.69	104.40	63.23	251.66	59.02	1.9
J1	0.0432929	0.779	0.603	-0.419	0.59	157.18	80.66	121.70	83.01	1.7
OO1	0.0448308	1.028	0.993	-0.738	0.93	131.79	105.24	239.17	103.25	1.1
UPS1	0.0463430	0.944	0.860	-0.407	0.77	61.72	74.70	119.70	81.75	1.2
EPS2	0.0761773	0.809	1.059	-0.341	0.93	16.97	108.38	32.56	109.83	0.58
MU2	0.0776895	0.509	0.850	-0.018	0.85	43.00	112.83	26.69	141.67	0.36
*N2	0.0789992	2.512	1.265	0.017	1.19	50.30	28.73	74.40	35.77	3.9
*M2	0.0805114	12.056	1.276	-1.546	1.18	52.99	6.06	148.79	6.51	89
*L2	0.0820236	1.396	0.956	-0.486	0.93	27.44	51.04	206.24	51.74	2.1
*S2	0.0833333	2.261	1.119	-0.686	1.24	25.68	39.96	98.59	34.52	4.1
ETA2	0.0850736	0.386	0.851	-0.111	0.89	50.48	137.19	134.62	178.06	0.21
MO3	0.1192421	0.340	0.357	0.001	0.37	160.70	87.95	98.98	81.49	0.91
M3	0.1207671	0.284	0.347	-0.117	0.38	152.43	119.14	333.82	130.09	0.67
MK3	0.1222921	0.297	0.356	-0.241	0.37	59.95	111.48	27.17	127.19	0.7
SK3	0.1251141	0.360	0.391	-0.043	0.35	69.89	73.60	314.30	92.78	0.85
MN4	0.1595106	0.445	0.370	-0.150	0.40	103.23	77.62	290.46	63.24	1.4
*M4	0.1610228	0.505	0.351	-0.293	0.33	151.92	76.14	318.64	73.22	2.1
*SN4	0.1623326	0.575	0.398	-0.352	0.38	165.85	90.05	231.48	88.06	2.1
MS4	0.1638447	0.179	0.345	0.001	0.30	50.55	115.90	25.48	139.67	0.27
S4	0.1666667	0.214	0.396	-0.095	0.30	55.84	110.58	290.12	127.11	0.29
2MK5	0.2028035	0.244	0.179	-0.187	0.18	110.29	91.86	295.06	103.09	1.9
2SK5	0.2084474	0.198	0.190	0.037	0.18	69.06	72.04	342.55	72.36	1.1
*2MN6	0.2400221	0.432	0.246	0.064	0.23	90.04	33.94	101.45	37.38	3.1
*M6	0.2415342	0.848	0.239	-0.002	0.24	101.62	16.34	176.71	16.33	13
2MS6	0.2443561	0.301	0.244	-0.105	0.21	92.43	55.31	189.54	60.12	1.5
2SM6	0.2471781	0.258	0.241	-0.050	0.22	93.50	65.73	70.76	66.69	1.2
3MK7	0.2833149	0.189	0.174	0.027	0.16	174.65	58.02	189.63	64.31	1.2
M8	0.3220456	0.113	0.088	-0.073	0.11	80.16	109.35	240.08	102.42	1.7

total var= 190.8786   pred var= 85.0045
percent total var predicted/var original= 44.5 %