file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5302_5.txt
date: 31-Oct-2003
nobs = 2516, ngood = 2513, record length (days) = 104.83
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= -0.743, x trend= 0

var(x)= 91.3604 var(xp)= 23.7758 var(xres)= 68.5262
percent var predicted/var original= 26.0 %

y0= -0.0424, x trend= 0

var(y)= 72.4122 var(yp)= 8.6875 var(yres)= 63.556
percent var predicted/var original= 12.0 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
*MM	0.0015122	2.351	1.529	0.042	1.34	89.31	36.70	239.52	39.71	2.4
*MSF	0.0028219	1.720	1.156	0.345	1.48	12.14	64.48	99.55	53.53	2.2
ALP1	0.0343966	0.739	0.564	0.002	0.58	143.22	50.71	0.21	57.01	1.7
2Q1	0.0357064	0.391	0.479	-0.042	0.53	4.02	95.86	0.97	108.80	0.67
Q1	0.0372185	0.753	0.572	-0.338	0.53	40.60	65.95	47.11	67.49	1.7
O1	0.0387307	0.591	0.556	0.164	0.63	115.75	88.44	247.46	76.67	1.1
NO1	0.0402686	0.730	1.078	-0.059	1.10	20.66	112.19	247.72	114.86	0.46
*K1	0.0417807	1.447	0.653	-0.617	0.64	163.00	32.88	128.43	35.60	4.9
J1	0.0432929	0.550	0.603	-0.223	0.57	5.49	81.70	325.12	76.53	0.83
OO1	0.0448308	0.815	0.679	-0.248	0.82	32.69	80.43	324.90	74.15	1.4
UPS1	0.0463430	0.527	0.657	-0.428	0.62	3.70	122.44	229.56	136.55	0.64
EPS2	0.0761773	0.724	1.654	-0.610	1.49	151.29	121.96	209.17	198.61	0.19
MU2	0.0776895	1.317	1.760	-0.599	1.58	33.55	91.64	184.87	125.44	0.56
N2	0.0789992	2.371	1.918	-0.727	1.79	52.72	75.06	314.95	71.80	1.5
*M2	0.0805114	6.533	2.505	2.771	1.91	14.94	22.86	340.38	30.15	6.8
L2	0.0820236	1.697	1.543	-1.333	1.59	79.50	117.32	114.32	104.01	1.2
S2	0.0833333	1.295	1.775	-0.485	1.57	33.91	93.60	36.14	119.25	0.53
ETA2	0.0850736	1.092	1.899	-0.558	1.63	17.17	98.80	93.43	139.47	0.33
MO3	0.1192421	0.301	0.406	0.083	0.38	59.00	95.02	304.45	105.55	0.55
M3	0.1207671	0.324	0.352	-0.004	0.34	45.42	80.70	94.31	91.44	0.85
*MK3	0.1222921	0.538	0.366	-0.296	0.40	76.34	84.76	223.35	71.19	2.2
SK3	0.1251141	0.226	0.293	-0.106	0.35	119.96	116.17	92.68	132.62	0.59
MN4	0.1595106	0.536	0.452	-0.019	0.36	163.40	42.29	84.52	66.79	1.4
*M4	0.1610228	0.838	0.491	-0.289	0.41	157.48	33.75	129.79	39.08	2.9
SN4	0.1623326	0.319	0.402	-0.194	0.44	128.36	104.48	0.01	119.22	0.63
MS4	0.1638447	0.469	0.400	-0.220	0.40	74.13	93.85	71.64	77.03	1.4
S4	0.1666667	0.141	0.339	-0.028	0.30	51.50	124.57	127.53	171.38	0.17
2MK5	0.2028035	0.317	0.237	-0.216	0.22	84.52	95.21	333.98	89.23	1.8
2SK5	0.2084474	0.132	0.231	-0.103	0.20	61.11	127.62	293.46	164.55	0.33
*2MN6	0.2400221	0.423	0.239	-0.071	0.27	26.59	41.80	333.17	38.64	3.1
*M6	0.2415342	0.647	0.279	0.014	0.24	24.10	23.27	28.41	24.38	5.4
2MS6	0.2443561	0.238	0.193	-0.207	0.21	78.03	120.17	68.89	116.30	1.5
2SM6	0.2471781	0.197	0.246	-0.076	0.20	38.71	86.31	183.60	97.22	0.64
3MK7	0.2833149	0.059	0.128	0.002	0.11	18.15	102.01	180.82	189.09	0.21
M8	0.3220456	0.093	0.104	-0.009	0.10	175.22	68.20	326.46	91.20	0.81

total var= 163.7726 pred var= 32.4633
percent total var predicted/var original= 19.8 %