file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c5521.txt
date: 31-Oct-2003
nobs = 2121, ngood = 2121, record length (days) = 88.38
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= -1.99, x trend= 0

var(x)= 40.9807   var(xp)= 19.7704   var(xres)= 21.0832
percent var predicted/var original= 48.2 %

y0= 0.133, x trend= 0

var(y)= 8.1941   var(yp)= 3.0267 var(yres)= 5.1673
percent var predicted/var original= 36.9 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.433	1.639	0.135	0.81	34.85	41.33	188.42	183.53	0.07
MSF	0.0028219	0.618	1.455	0.076	0.73	1.68	39.18	131.55	187.79	0.18
ALP1	0.0343966	0.422	0.444	0.157	0.26	10.93	46.83	308.80	89.30	0.91
2Q1	0.0357064	0.328	0.401	-0.024	0.22	4.11	35.88	154.31	93.12	0.67
Q1	0.0372185	0.652	0.492	-0.120	0.25	3.43	23.53	172.16	52.06	1.8
*O1	0.0387307	0.704	0.439	-0.036	0.32	28.39	28.34	271.28	37.89	2.6
NO1	0.0402686	1.255	1.078	-0.083	0.55	156.10	33.31	174.16	48.83	1.4
*K1	0.0417807	1.193	0.544	-0.230	0.26	0.36	14.67	94.76	25.41	4.8
J1	0.0432929	0.508	0.472	0.116	0.28	21.69	30.43	159.06	58.86	1.2
OO1	0.0448308	0.733	0.715	0.178	0.42	175.09	30.88	170.05	71.15	1.1
UPS1	0.0463430	0.163	0.442	-0.034	0.30	121.94	87.67	305.56	160.47	0.14
EPS2	0.0761773	0.233	0.381	-0.076	0.36	129.50	76.28	33.79	120.90	0.38
MU2	0.0776895	0.276	0.411	-0.012	0.38	91.61	146.92	319.42	102.08	0.45
*N2	0.0789992	1.619	0.613	0.319	0.43	19.07	16.11	166.19	24.80	7
*M2	0.0805114	6.005	0.679	0.601	0.41	20.76	4.47	14.10	5.71	78
*L2	0.0820236	0.836	0.499	-0.212	0.29	172.96	25.81	60.90	45.53	2.8
*S2	0.0833333	1.006	0.668	0.153	0.37	13.72	23.90	308.41	37.33	2.3
ETA2	0.0850736	0.297	0.453	-0.004	0.35	5.73	58.67	255.59	118.31	0.43
MO3	0.1192421	0.056	0.201	0.043	0.13	37.79	81.35	345.89	187.90	0.079
M3	0.1207671	0.114	0.159	0.042	0.15	115.45	104.79	100.13	121.75	0.52
MK3	0.1222921	0.101	0.210	-0.055	0.14	150.25	78.36	257.41	151.81	0.23
SK3	0.1251141	0.159	0.178	-0.136	0.15	7.10	97.04	327.03	158.08	0.8
*MN4	0.1595106	0.340	0.198	-0.222	0.18	179.41	103.65	121.16	127.29	2.9
*M4	0.1610228	0.661	0.242	-0.299	0.18	24.38	22.15	76.77	26.75	7.4
SN4	0.1623326	0.044	0.152	-0.033	0.13	171.82	97.51	125.11	217.34	0.082
*MS4	0.1638447	0.396	0.224	-0.141	0.18	29.54	38.27	43.76	39.67	3.1
S4	0.1666667	0.117	0.173	-0.053	0.16	9.16	72.54	17.73	120.79	0.45
2MK5	0.2028035	0.122	0.103	-0.049	0.13	108.68	100.42	319.44	74.82	1.4
2SK5	0.2084474	0.068	0.116	0.003	0.10	121.22	103.64	132.47	115.41	0.35
*2MN6	0.2400221	0.238	0.125	-0.038	0.16	67.85	45.35	27.40	37.28	3.6
*M6	0.2415342	0.595	0.168	-0.090	0.16	40.03	13.01	206.03	15.28	13
*2MS6	0.2443561	0.192	0.129	0.028	0.13	44.87	57.23	164.14	48.99	2.2
2SM6	0.2471781	0.073	0.122	-0.048	0.11	29.66	85.53	80.05	157.00	0.35
3MK7	0.2833149	0.072	0.070	0.008	0.08	76.90	82.12	50.34	89.01	1
M8	0.3220456	0.088	0.064	0.043	0.06	28.81	55.35	333.39	67.09	1.9

total var= 49.1748   pred var= 22.7971
percent total var predicted/var original= 46.4 %