B014CH2 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 27.0 to 2009 127.0	-4.13847 ± 0.09770	0.14655	-3.4
2009 51.0 to 2009 151.0	-4.18321 ± 0.12557	0.10181	-2.4
2009 76.0 to 2009 176.0	-4.25957 ± 0.12587	0.02545	-0.6
2009 100.0 to 2009 200.0	-4.34307 ± 0.36569	-0.05805	1.4
2009 124.0 to 2009 224.0	-4.25795 ± 0.72326	0.02707	-0.6
2009 148.0 to 2009 248.0	-3.97930 ± 0.70149	0.30572	-7.1
2009 172.0 to 2009 272.0	-4.30160 ± 0.71195	-0.01658	0.4
2009 196.0 to 2009 296.0	-4.43748 ± 0.10659	-0.15246	3.6
2009 220.0 to 2009 320.0	-4.24588 ± 0.19263	0.03914	-0.9
2009 244.0 to 2009 344.0	-4.14822 ± 0.20304	0.13680	-3.2
2009 268.0 to 2010 3.0	-4.19245 ± 0.18877	0.09257	-2.2
2009 302.0 to 2010 37.0	-4.25386 ± 0.15458	0.03116	-0.7
2009 336.0 to 2010 71.0	-4.44475 ± 0.16096	-0.15973	3.7
2010 5.0 to 2010 105.0	-4.28502 ± 0.12343	0.00000	-0.0
2010 39.0 to 2010 139.0	-4.18132 ± 0.14256	0.10370	-2.4
2010 73.0 to 2010 173.0	-4.08787 ± 0.17259	0.19715	-4.6
2010 135.0 to 2010 235.0	-4.10204 ± 0.15027	0.18298	-4.3
2010 169.0 to 2010 269.0	-4.13275 ± 0.12361	0.15227	-3.6
2010 203.0 to 2010 303.0	-4.37356 ± 0.25131	-0.08854	2.1
2010 237.0 to 2010 337.0	-4.36218 ± 0.23415	-0.07716	1.8
2010 271.0 to 2011 6.0	-4.35529 ± 0.18303	-0.07027	1.6
2010 305.0 to 2011 40.0	-4.28607 ± 0.15852	-0.00105	0.0
2010 339.0 to 2011 74.0	-4.34944 ± 0.14841	-0.06442	1.5
2011 8.0 to 2011 108.0	-4.43504 ± 0.13624	-0.15002	3.5
2011 42.0 to 2011 142.0	-4.43422 ± 0.10640	-0.14920	3.5
2011 76.0 to 2011 176.0	-4.37271 ± 0.10621	-0.08769	2.0
2011 110.0 to 2011 210.0	-4.32704 ± 0.10943	-0.04202	1.0
2011 144.0 to 2011 244.0	-4.23840 ± 0.08778	0.04662	-1.1
2011 178.0 to 2011 278.0	-4.66503 ± 0.11930	-0.38001	8.9
2011 212.0 to 2011 312.0	-4.68049 ± 0.23020	-0.39547	9.2
2011 246.0 to 2011 346.0	-4.28810 ± 0.19782	-0.00308	0.1
2011 280.0 to 2012 15.0	-4.21745 ± 0.15695	0.06757	-1.6
2011 314.0 to 2012 49.0	-4.04828 ± 0.13035	0.23674	-5.5

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 27.0 to 2009 127.0	8.02 ± 0.12	-20.6 ± 0.9	0.32	3.9
2009 51.0 to 2009 151.0	8.11 ± 0.14	-21.0 ± 1.0	0.22	2.7
2009 76.0 to 2009 176.0	8.11 ± 0.12	-21.1 ± 0.8	0.21	2.6
2009 100.0 to 2009 200.0	8.79 ± 0.32	-20.4 ± 2.1	0.65	7.9
2009 124.0 to 2009 224.0	8.85 ± 0.58	-20.4 ± 3.8	0.70	8.5
2009 148.0 to 2009 248.0	8.79 ± 0.45	-20.5 ± 2.9	0.64	7.8
2009 172.0 to 2009 272.0	8.75 ± 0.53	-20.7 ± 3.5	0.59	7.2
2009 196.0 to 2009 296.0	8.19 ± 0.09	-21.4 ± 0.6	0.15	1.8
2009 220.0 to 2009 320.0	8.32 ± 0.20	-22.1 ± 1.4	0.11	1.4
2009 244.0 to 2009 344.0	8.29 ± 0.26	-22.9 ± 1.8	0.10	1.3
2009 268.0 to 2010 3.0	8.21 ± 0.24	-22.8 ± 1.7	0.06	0.7
2009 302.0 to 2010 37.0	8.04 ± 0.20	-22.8 ± 1.4	0.18	2.2
2009 336.0 to 2010 71.0	7.91 ± 0.19	-22.6 ± 1.4	0.31	3.7
2010 5.0 to 2010 105.0	7.99 ± 0.16	-22.6 ± 1.1	0.23	2.7
2010 39.0 to 2010 139.0	8.08 ± 0.17	-22.6 ± 1.2	0.14	1.7
2010 73.0 to 2010 173.0	7.98 ± 0.20	-22.2 ± 1.4	0.24	2.9
2010 135.0 to 2010 235.0	8.16 ± 0.11	-22.6 ± 0.8	0.06	0.7
2010 169.0 to 2010 269.0	8.21 ± 0.07	-22.5 ± 0.5	0.01	0.2
2010 203.0 to 2010 303.0	8.30 ± 0.18	-22.0 ± 1.2	0.10	1.3
2010 237.0 to 2010 337.0	8.36 ± 0.23	-22.9 ± 1.6	0.16	2.0
2010 271.0 to 2011 6.0	8.37 ± 0.22	-21.5 ± 1.5	0.20	2.5
2010 305.0 to 2011 40.0	8.32 ± 0.20	-23.2 ± 1.4	0.16	1.9
2010 339.0 to 2011 74.0	8.17 ± 0.19	-23.7 ± 1.3	0.19	2.3
2011 8.0 to 2011 108.0	8.12 ± 0.17	-23.7 ± 1.2	0.21	2.5
2011 42.0 to 2011 142.0	8.12 ± 0.12	-22.8 ± 0.8	0.11	1.3
2011 76.0 to 2011 176.0	8.24 ± 0.09	-22.2 ± 0.6	0.04	0.5
2011 110.0 to 2011 210.0	8.40 ± 0.08	-23.1 ± 0.5	0.21	2.6
2011 144.0 to 2011 244.0	8.43 ± 0.05	-23.7 ± 0.3	0.29	3.5
2011 178.0 to 2011 278.0	8.39 ± 0.08	-23.6 ± 0.5	0.25	3.0
2011 212.0 to 2011 312.0	8.36 ± 0.19	-23.7 ± 1.3	0.24	2.9
2011 246.0 to 2011 346.0	8.25 ± 0.22	-23.0 ± 1.5	0.09	1.1
2011 280.0 to 2012 15.0	8.15 ± 0.20	-23.2 ± 1.4	0.13	1.6
2011 314.0 to 2012 49.0	8.10 ± 0.20	-22.8 ± 1.4	0.13	1.6

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 27.0 to 2009 127.0	7.60 ± 0.27	-42.1 ± 2.0	0.90	13.3
2009 51.0 to 2009 151.0	7.52 ± 0.33	-41.6 ± 2.5	0.80	11.8
2009 76.0 to 2009 176.0	7.26 ± 0.28	-40.8 ± 2.2	0.52	7.7
2009 100.0 to 2009 200.0	8.10 ± 0.71	-29.2 ± 5.0	1.79	26.4
2009 124.0 to 2009 224.0	8.39 ± 1.34	-30.5 ± 9.2	1.92	28.3
2009 148.0 to 2009 248.0	8.39 ± 1.03	-30.4 ± 7.0	1.93	28.4
2009 172.0 to 2009 272.0	8.32 ± 1.24	-31.6 ± 8.5	1.78	26.2
2009 196.0 to 2009 296.0	7.33 ± 0.21	-39.2 ± 1.6	0.53	7.8
2009 220.0 to 2009 320.0	7.36 ± 0.47	-39.7 ± 3.7	0.57	8.4
2009 244.0 to 2009 344.0	7.13 ± 0.59	-39.0 ± 4.7	0.33	4.8
2009 268.0 to 2010 3.0	6.96 ± 0.56	-39.0 ± 4.6	0.16	2.4
2009 302.0 to 2010 37.0	6.61 ± 0.47	-39.8 ± 4.1	0.23	3.3
2009 336.0 to 2010 71.0	6.56 ± 0.43	-41.7 ± 3.8	0.42	6.2
2010 5.0 to 2010 105.0	6.49 ± 0.37	-44.1 ± 3.3	0.69	10.2
2010 39.0 to 2010 139.0	7.06 ± 0.40	-44.6 ± 3.2	0.75	11.1
2010 73.0 to 2010 173.0	7.74 ± 0.45	-40.3 ± 3.3	0.96	14.1
2010 135.0 to 2010 235.0	7.27 ± 0.25	-37.9 ± 2.0	0.48	7.0
2010 169.0 to 2010 269.0	7.05 ± 0.17	-41.2 ± 1.4	0.39	5.7
2010 203.0 to 2010 303.0	6.90 ± 0.41	-44.5 ± 3.4	0.69	10.2
2010 237.0 to 2010 337.0	6.78 ± 0.53	-41.8 ± 4.5	0.36	5.3
2010 271.0 to 2011 6.0	6.50 ± 0.51	-38.2 ± 4.5	0.31	4.5
2010 305.0 to 2011 40.0	6.28 ± 0.46	-33.5 ± 4.2	0.79	11.7
2010 339.0 to 2011 74.0	6.15 ± 0.44	-37.0 ± 4.1	0.68	10.0
2011 8.0 to 2011 108.0	6.01 ± 0.38	-41.5 ± 3.6	0.85	12.5
2011 42.0 to 2011 142.0	6.19 ± 0.28	-42.5 ± 2.6	0.74	10.9
2011 76.0 to 2011 176.0	6.36 ± 0.22	-40.2 ± 2.0	0.47	6.9
2011 110.0 to 2011 210.0	6.47 ± 0.19	-38.0 ± 1.7	0.34	5.1
2011 144.0 to 2011 244.0	6.71 ± 0.12	-37.2 ± 1.0	0.21	3.0
2011 178.0 to 2011 278.0	6.45 ± 0.18	-39.7 ± 1.6	0.37	5.4
2011 212.0 to 2011 312.0	6.21 ± 0.44	-38.1 ± 4.1	0.60	8.8
2011 246.0 to 2011 346.0	6.10 ± 0.51	-36.5 ± 4.8	0.75	11.0
2011 280.0 to 2012 15.0	6.56 ± 0.47	-33.1 ± 4.1	0.70	10.3
2011 314.0 to 2012 49.0	6.56 ± 0.46	-32.5 ± 4.0	0.77	11.3

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 27.0 to 2009 127.0	9.90 ± 1.09	102.2 ± 6.3	2.05	19.5
2009 51.0 to 2009 151.0	10.97 ± 1.33	94.6 ± 6.9	0.77	7.3
2009 76.0 to 2009 176.0	10.19 ± 1.15	87.4 ± 6.5	0.77	7.3
2009 100.0 to 2009 200.0	5.84 ± 2.89	71.5 ± 28.4	5.41	51.3
2009 124.0 to 2009 224.0	17.62 ± 5.81	110.7 ± 18.9	8.46	80.3
2009 148.0 to 2009 248.0	11.87 ± 4.20	79.4 ± 20.3	2.66	25.3
2009 172.0 to 2009 272.0	10.83 ± 5.04	98.2 ± 26.7	1.33	12.7
2009 196.0 to 2009 296.0	11.63 ± 0.86	90.3 ± 4.2	1.11	10.6
2009 220.0 to 2009 320.0	11.21 ± 1.89	87.7 ± 9.7	0.95	9.1
2009 244.0 to 2009 344.0	12.94 ± 2.41	111.1 ± 10.7	4.69	44.6
2009 268.0 to 2010 3.0	12.73 ± 2.27	88.9 ± 10.2	2.25	21.4
2009 302.0 to 2010 37.0	10.36 ± 1.91	105.9 ± 10.6	2.67	25.4
2009 336.0 to 2010 71.0	10.10 ± 1.76	90.6 ± 10.0	0.45	4.2
2010 5.0 to 2010 105.0	10.83 ± 1.51	102.1 ± 8.0	2.05	19.4
2010 39.0 to 2010 139.0	9.63 ± 1.64	66.8 ± 9.8	4.35	41.4
2010 73.0 to 2010 173.0	10.85 ± 1.84	98.5 ± 9.7	1.39	13.2
2010 135.0 to 2010 235.0	9.65 ± 1.02	88.0 ± 6.1	1.05	9.9
2010 169.0 to 2010 269.0	9.85 ± 0.68	80.8 ± 4.0	1.97	18.7
2010 203.0 to 2010 303.0	11.44 ± 1.74	90.0 ± 8.7	0.94	8.9
2010 237.0 to 2010 337.0	10.59 ± 2.16	83.8 ± 11.7	1.37	13.0
2010 271.0 to 2011 6.0	8.96 ± 2.06	99.8 ± 13.2	2.14	20.3
2010 305.0 to 2011 40.0	11.35 ± 1.87	81.0 ± 9.4	2.11	20.1
2010 339.0 to 2011 74.0	7.13 ± 1.78	100.7 ± 14.3	3.69	35.0
2011 8.0 to 2011 108.0	11.41 ± 1.54	75.9 ± 7.7	3.05	29.0
2011 42.0 to 2011 142.0	8.00 ± 1.15	95.4 ± 8.2	2.62	24.9
2011 76.0 to 2011 176.0	10.07 ± 0.88	82.3 ± 5.0	1.67	15.8
2011 110.0 to 2011 210.0	8.74 ± 0.76	85.2 ± 5.0	2.05	19.5
2011 144.0 to 2011 244.0	10.74 ± 0.48	93.1 ± 2.6	0.41	3.9
2011 178.0 to 2011 278.0	9.38 ± 0.72	91.8 ± 4.4	1.15	11.0
2011 212.0 to 2011 312.0	11.00 ± 1.78	100.8 ± 9.3	1.86	17.6
2011 246.0 to 2011 346.0	11.39 ± 2.08	100.0 ± 10.5	1.88	17.9
2011 280.0 to 2012 15.0	9.22 ± 1.91	91.4 ± 11.9	1.31	12.4
2011 314.0 to 2012 49.0	8.09 ± 1.87	100.2 ± 13.2	2.84	26.9

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 27.0 to 2009 127.0	5.57 ± 0.45	163.1 ± 4.6	0.87	14.7
2009 51.0 to 2009 151.0	6.73 ± 0.56	177.5 ± 4.8	1.07	18.1
2009 76.0 to 2009 176.0	6.28 ± 0.48	175.3 ± 4.4	0.57	9.7
2009 100.0 to 2009 200.0	8.93 ± 1.25	177.6 ± 8.0	3.11	52.5
2009 124.0 to 2009 224.0	3.80 ± 2.35	174.7 ± 35.4	2.15	36.3
2009 148.0 to 2009 248.0	4.10 ± 1.78	175.4 ± 24.9	1.87	31.5
2009 172.0 to 2009 272.0	8.66 ± 2.07	170.6 ± 13.7	2.73	46.1
2009 196.0 to 2009 296.0	6.60 ± 0.36	168.6 ± 3.1	0.72	12.2
2009 220.0 to 2009 320.0	5.14 ± 0.79	166.5 ± 8.8	0.90	15.2
2009 244.0 to 2009 344.0	6.68 ± 1.00	175.1 ± 8.6	0.87	14.7
2009 268.0 to 2010 3.0	6.51 ± 0.94	166.1 ± 8.3	0.79	13.3
2009 302.0 to 2010 37.0	5.04 ± 0.79	166.1 ± 9.0	1.01	17.0
2009 336.0 to 2010 71.0	6.47 ± 0.73	166.2 ± 6.5	0.75	12.7
2010 5.0 to 2010 105.0	5.35 ± 0.63	173.9 ± 6.7	0.64	10.8
2010 39.0 to 2010 139.0	6.15 ± 0.68	165.2 ± 6.3	0.65	11.0
2010 73.0 to 2010 173.0	5.81 ± 0.77	172.5 ± 7.6	0.19	3.2
2010 135.0 to 2010 235.0	6.02 ± 0.43	171.8 ± 4.1	0.12	2.0
2010 169.0 to 2010 269.0	5.76 ± 0.28	163.7 ± 2.8	0.77	13.0
2010 203.0 to 2010 303.0	6.24 ± 0.73	171.5 ± 6.7	0.32	5.3
2010 237.0 to 2010 337.0	5.69 ± 0.90	168.1 ± 9.1	0.38	6.5
2010 271.0 to 2011 6.0	6.73 ± 0.85	165.7 ± 7.2	0.99	16.8
2010 305.0 to 2011 40.0	5.41 ± 0.78	174.2 ± 8.3	0.60	10.2
2010 339.0 to 2011 74.0	6.01 ± 0.75	164.0 ± 7.2	0.74	12.5
2011 8.0 to 2011 108.0	5.61 ± 0.64	176.2 ± 6.5	0.61	10.3
2011 42.0 to 2011 142.0	6.09 ± 0.48	172.1 ± 4.5	0.20	3.3
2011 76.0 to 2011 176.0	5.66 ± 0.37	171.2 ± 3.7	0.27	4.5
2011 110.0 to 2011 210.0	5.96 ± 0.32	169.3 ± 3.1	0.18	3.1
2011 144.0 to 2011 244.0	5.80 ± 0.20	172.3 ± 2.0	0.18	3.1
2011 178.0 to 2011 278.0	6.27 ± 0.31	166.1 ± 2.8	0.63	10.6
2011 212.0 to 2011 312.0	6.00 ± 0.74	172.8 ± 7.1	0.20	3.3
2011 246.0 to 2011 346.0	5.92 ± 0.87	168.1 ± 8.4	0.31	5.1
2011 280.0 to 2012 15.0	5.62 ± 0.80	161.2 ± 8.2	1.04	17.5
2011 314.0 to 2012 49.0	5.96 ± 0.78	175.7 ± 7.5	0.48	8.2