B014CH0 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	-5.03327 ± 0.19119	0.10185	-2.0
2009 51.0 to 2009 151.0	-5.16909 ± 0.22392	-0.03397	0.7
2009 76.0 to 2009 176.0	-5.15828 ± 0.25372	-0.02316	0.5
2009 100.0 to 2009 200.0	-5.33622 ± 0.22732	-0.20110	3.9
2009 124.0 to 2009 224.0	-5.29692 ± 0.16576	-0.16180	3.2
2009 148.0 to 2009 248.0	-4.57615 ± 0.13214	0.55897	-10.9
2009 172.0 to 2009 272.0	-4.85101 ± 0.17856	0.28411	-5.5
2009 196.0 to 2009 296.0	-4.95103 ± 0.19695	0.18409	-3.6
2009 220.0 to 2009 320.0	-5.27277 ± 0.30316	-0.13765	2.7
2009 244.0 to 2009 344.0	-5.02740 ± 0.29445	0.10772	-2.1
2009 268.0 to 2010 3.0	-5.18260 ± 0.27738	-0.04748	0.9
2009 302.0 to 2010 37.0	-5.16150 ± 0.23357	-0.02638	0.5
2009 336.0 to 2010 71.0	-5.28076 ± 0.24120	-0.14564	2.8
2010 5.0 to 2010 105.0	-5.10404 ± 0.17769	0.03108	-0.6
2010 39.0 to 2010 139.0	-5.05995 ± 0.18590	0.07517	-1.5
2010 73.0 to 2010 173.0	-4.98306 ± 0.17616	0.15206	-3.0
2010 135.0 to 2010 235.0	-4.86094 ± 0.20996	0.27418	-5.3
2010 169.0 to 2010 269.0	-4.81364 ± 0.16870	0.32148	-6.3
2010 203.0 to 2010 303.0	-5.60061 ± 0.46356	-0.46549	9.1
2010 237.0 to 2010 337.0	-5.44537 ± 0.41916	-0.31025	6.0
2010 271.0 to 2011 6.0	-5.06889 ± 0.32348	0.06623	-1.3
2010 305.0 to 2011 40.0	-4.87481 ± 0.23832	0.26031	-5.1
2010 339.0 to 2011 74.0	-5.07856 ± 0.21264	0.05656	-1.1
2011 8.0 to 2011 108.0	-5.32454 ± 0.19838	-0.18942	3.7
2011 42.0 to 2011 142.0	-5.36669 ± 0.18710	-0.23157	4.5
2011 76.0 to 2011 176.0	-5.06485 ± 0.16696	0.07027	-1.4
2011 110.0 to 2011 210.0	-5.15522 ± 0.17381	-0.02010	0.4
2011 144.0 to 2011 244.0	-4.87025 ± 0.17749	0.26487	-5.2
2011 178.0 to 2011 278.0	-5.45497 ± 0.19733	-0.31985	6.2
2011 212.0 to 2011 312.0	-5.67091 ± 0.34885	-0.53579	10.4
2011 246.0 to 2011 346.0	-5.50969 ± 0.30867	-0.37457	7.3
2011 280.0 to 2012 15.0	-5.13512 ± 0.29928	0.00000	-0.0

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	14.47 ± 0.23	78.5 ± 0.9	0.41	2.8
2009 51.0 to 2009 151.0	14.68 ± 0.25	79.4 ± 1.0	0.44	3.0
2009 76.0 to 2009 176.0	14.61 ± 0.25	79.5 ± 1.0	0.50	3.3
2009 100.0 to 2009 200.0	14.68 ± 0.20	79.5 ± 0.8	0.47	3.2
2009 124.0 to 2009 224.0	14.76 ± 0.13	79.5 ± 0.5	0.45	3.0
2009 148.0 to 2009 248.0	14.76 ± 0.09	78.9 ± 0.3	0.30	2.0
2009 172.0 to 2009 272.0	14.89 ± 0.14	78.8 ± 0.5	0.27	1.8
2009 196.0 to 2009 296.0	14.91 ± 0.17	78.5 ± 0.7	0.20	1.3
2009 220.0 to 2009 320.0	14.79 ± 0.32	78.2 ± 1.2	0.12	0.8
2009 244.0 to 2009 344.0	14.66 ± 0.37	78.2 ± 1.4	0.21	1.4
2009 268.0 to 2010 3.0	14.81 ± 0.36	78.3 ± 1.4	0.13	0.9
2009 302.0 to 2010 37.0	14.82 ± 0.31	78.4 ± 1.2	0.16	1.1
2009 336.0 to 2010 71.0	14.79 ± 0.28	78.2 ± 1.1	0.12	0.8
2010 5.0 to 2010 105.0	14.65 ± 0.23	77.7 ± 0.9	0.19	1.3
2010 39.0 to 2010 139.0	14.85 ± 0.23	77.8 ± 0.9	0.01	0.1
2010 73.0 to 2010 173.0	14.92 ± 0.20	77.7 ± 0.8	0.08	0.6
2010 135.0 to 2010 235.0	14.73 ± 0.15	77.1 ± 0.6	0.21	1.4
2010 169.0 to 2010 269.0	14.81 ± 0.10	77.5 ± 0.4	0.08	0.6
2010 203.0 to 2010 303.0	14.85 ± 0.33	77.5 ± 1.3	0.08	0.5
2010 237.0 to 2010 337.0	14.87 ± 0.41	77.3 ± 1.6	0.13	0.9
2010 271.0 to 2011 6.0	15.05 ± 0.39	77.0 ± 1.5	0.29	2.0
2010 305.0 to 2011 40.0	14.83 ± 0.30	76.5 ± 1.2	0.34	2.3
2010 339.0 to 2011 74.0	14.76 ± 0.27	77.2 ± 1.0	0.17	1.2
2011 8.0 to 2011 108.0	14.76 ± 0.24	77.9 ± 0.9	0.09	0.6
2011 42.0 to 2011 142.0	14.84 ± 0.22	77.9 ± 0.8	0.03	0.2
2011 76.0 to 2011 176.0	14.96 ± 0.15	77.2 ± 0.6	0.19	1.3
2011 110.0 to 2011 210.0	14.95 ± 0.13	76.4 ± 0.5	0.38	2.5
2011 144.0 to 2011 244.0	15.06 ± 0.11	76.6 ± 0.4	0.38	2.6
2011 178.0 to 2011 278.0	15.13 ± 0.13	77.1 ± 0.5	0.34	2.3
2011 212.0 to 2011 312.0	15.20 ± 0.28	77.3 ± 1.1	0.38	2.6
2011 246.0 to 2011 346.0	15.25 ± 0.34	77.6 ± 1.3	0.41	2.8
2011 280.0 to 2012 15.0	15.30 ± 0.39	77.2 ± 1.5	0.48	3.3

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	6.28 ± 0.52	34.3 ± 4.7	0.69	12.4
2009 51.0 to 2009 151.0	6.48 ± 0.58	34.8 ± 5.1	0.88	15.7
2009 76.0 to 2009 176.0	6.43 ± 0.57	35.8 ± 5.1	0.82	14.7
2009 100.0 to 2009 200.0	6.17 ± 0.46	34.5 ± 4.3	0.58	10.4
2009 124.0 to 2009 224.0	6.26 ± 0.31	32.4 ± 2.8	0.74	13.3
2009 148.0 to 2009 248.0	6.23 ± 0.20	31.8 ± 1.8	0.75	13.4
2009 172.0 to 2009 272.0	6.28 ± 0.32	30.1 ± 2.9	0.90	16.0
2009 196.0 to 2009 296.0	6.35 ± 0.39	31.3 ± 3.5	0.88	15.7
2009 220.0 to 2009 320.0	6.26 ± 0.73	32.0 ± 6.7	0.77	13.7
2009 244.0 to 2009 344.0	6.30 ± 0.86	33.5 ± 7.8	0.74	13.1
2009 268.0 to 2010 3.0	6.10 ± 0.82	35.6 ± 7.7	0.49	8.8
2009 302.0 to 2010 37.0	5.80 ± 0.71	37.1 ± 7.0	0.23	4.1
2009 336.0 to 2010 71.0	5.50 ± 0.65	40.3 ± 6.8	0.44	7.9
2010 5.0 to 2010 105.0	5.23 ± 0.54	39.3 ± 5.9	0.50	8.9
2010 39.0 to 2010 139.0	5.58 ± 0.53	34.8 ± 5.4	0.11	1.9
2010 73.0 to 2010 173.0	5.84 ± 0.46	33.2 ± 4.5	0.35	6.3
2010 135.0 to 2010 235.0	5.27 ± 0.35	35.4 ± 3.8	0.34	6.0
2010 169.0 to 2010 269.0	5.36 ± 0.22	34.0 ± 2.4	0.30	5.4
2010 203.0 to 2010 303.0	5.16 ± 0.77	33.1 ± 8.5	0.52	9.2
2010 237.0 to 2010 337.0	5.19 ± 0.95	33.9 ± 10.5	0.45	8.1
2010 271.0 to 2011 6.0	5.51 ± 0.90	42.9 ± 9.4	0.69	12.3
2010 305.0 to 2011 40.0	5.49 ± 0.69	41.6 ± 7.2	0.57	10.1
2010 339.0 to 2011 74.0	5.22 ± 0.63	41.8 ± 6.9	0.68	12.2
2011 8.0 to 2011 108.0	4.65 ± 0.56	38.5 ± 6.9	0.98	17.6
2011 42.0 to 2011 142.0	4.48 ± 0.50	40.1 ± 6.4	1.19	21.2
2011 76.0 to 2011 176.0	4.86 ± 0.34	35.8 ± 4.0	0.75	13.3
2011 110.0 to 2011 210.0	5.20 ± 0.30	34.4 ± 3.3	0.43	7.6
2011 144.0 to 2011 244.0	5.37 ± 0.25	32.2 ± 2.7	0.42	7.5
2011 178.0 to 2011 278.0	4.94 ± 0.30	31.3 ± 3.5	0.79	14.0
2011 212.0 to 2011 312.0	5.12 ± 0.66	34.3 ± 7.4	0.51	9.0
2011 246.0 to 2011 346.0	5.23 ± 0.80	33.0 ± 8.8	0.46	8.2
2011 280.0 to 2012 15.0	5.78 ± 0.90	34.6 ± 8.9	0.21	3.8

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	11.17 ± 2.13	-165.9 ± 10.9	3.87	52.6
2009 51.0 to 2009 151.0	7.13 ± 2.38	-144.4 ± 19.1	2.16	29.3
2009 76.0 to 2009 176.0	7.92 ± 2.32	-150.7 ± 16.8	1.53	20.8
2009 100.0 to 2009 200.0	9.25 ± 1.87	-154.4 ± 11.6	2.14	29.1
2009 124.0 to 2009 224.0	6.29 ± 1.33	-169.5 ± 12.1	1.44	19.5
2009 148.0 to 2009 248.0	6.34 ± 0.81	-169.0 ± 7.3	1.36	18.5
2009 172.0 to 2009 272.0	8.46 ± 1.29	-159.1 ± 8.7	1.14	15.5
2009 196.0 to 2009 296.0	8.16 ± 1.59	-164.9 ± 11.2	0.93	12.6
2009 220.0 to 2009 320.0	7.24 ± 2.99	-176.9 ± 23.7	1.97	26.8
2009 244.0 to 2009 344.0	10.71 ± 3.49	-169.6 ± 18.7	3.58	48.6
2009 268.0 to 2010 3.0	7.80 ± 3.36	-169.6 ± 24.7	1.17	15.9
2009 302.0 to 2010 37.0	8.74 ± 2.90	-155.1 ± 19.0	1.64	22.2
2009 336.0 to 2010 71.0	7.34 ± 2.65	-168.3 ± 20.7	0.88	12.0
2010 5.0 to 2010 105.0	9.11 ± 2.18	-159.2 ± 13.7	1.78	24.1
2010 39.0 to 2010 139.0	6.90 ± 2.14	-148.4 ± 17.8	1.68	22.8
2010 73.0 to 2010 173.0	8.12 ± 1.88	-165.0 ± 13.3	0.90	12.2
2010 135.0 to 2010 235.0	7.52 ± 1.43	-158.1 ± 10.9	0.46	6.2
2010 169.0 to 2010 269.0	5.71 ± 0.92	-150.8 ± 9.2	2.04	27.7
2010 203.0 to 2010 303.0	6.39 ± 3.21	-175.4 ± 28.8	1.93	26.2
2010 237.0 to 2010 337.0	7.12 ± 3.87	-172.9 ± 31.1	1.47	20.0
2010 271.0 to 2011 6.0	6.86 ± 3.65	-160.0 ± 30.5	0.53	7.2
2010 305.0 to 2011 40.0	7.46 ± 2.81	171.0 ± 21.6	3.53	48.0
2010 339.0 to 2011 74.0	9.00 ± 2.55	-136.6 ± 16.2	3.86	52.5
2011 8.0 to 2011 108.0	6.71 ± 2.24	171.9 ± 19.1	3.31	44.9
2011 42.0 to 2011 142.0	9.03 ± 2.02	-152.6 ± 12.8	2.09	28.3
2011 76.0 to 2011 176.0	5.86 ± 1.39	-153.8 ± 13.6	1.74	23.6
2011 110.0 to 2011 210.0	7.01 ± 1.21	-156.9 ± 9.9	0.67	9.0
2011 144.0 to 2011 244.0	5.80 ± 1.00	-168.4 ± 9.9	1.75	23.8
2011 178.0 to 2011 278.0	7.03 ± 1.23	-154.8 ± 10.0	0.89	12.1
2011 212.0 to 2011 312.0	8.59 ± 2.69	174.7 ± 17.9	3.51	47.7
2011 246.0 to 2011 346.0	6.61 ± 3.25	-162.1 ± 28.2	0.76	10.3
2011 280.0 to 2012 15.0	7.94 ± 3.66	-162.7 ± 26.4	0.60	8.2

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	5.12 ± 0.89	-42.8 ± 10.0	0.67	12.6
2009 51.0 to 2009 151.0	5.64 ± 0.99	-41.1 ± 10.1	0.89	16.6
2009 76.0 to 2009 176.0	5.61 ± 0.96	-54.9 ± 9.8	0.56	10.5
2009 100.0 to 2009 200.0	4.86 ± 0.78	-47.8 ± 9.2	0.50	9.5
2009 124.0 to 2009 224.0	6.55 ± 0.55	-51.9 ± 4.8	1.24	23.2
2009 148.0 to 2009 248.0	5.65 ± 0.34	-46.5 ± 3.4	0.45	8.4
2009 172.0 to 2009 272.0	5.05 ± 0.54	-47.4 ± 6.1	0.36	6.7
2009 196.0 to 2009 296.0	5.08 ± 0.67	-56.2 ± 7.6	0.63	11.9
2009 220.0 to 2009 320.0	6.44 ± 1.25	-43.3 ± 11.1	1.29	24.2
2009 244.0 to 2009 344.0	5.65 ± 1.45	-51.7 ± 14.7	0.37	6.9
2009 268.0 to 2010 3.0	4.47 ± 1.39	-53.6 ± 17.8	0.92	17.3
2009 302.0 to 2010 37.0	5.69 ± 1.20	-46.0 ± 12.1	0.51	9.6
2009 336.0 to 2010 71.0	4.61 ± 1.10	-49.2 ± 13.7	0.72	13.6
2010 5.0 to 2010 105.0	5.77 ± 0.91	-47.9 ± 9.0	0.48	8.9
2010 39.0 to 2010 139.0	4.91 ± 0.89	-48.4 ± 10.4	0.44	8.3
2010 73.0 to 2010 173.0	5.28 ± 0.78	-48.1 ± 8.5	0.17	3.1
2010 135.0 to 2010 235.0	5.97 ± 0.60	-51.6 ± 5.8	0.66	12.4
2010 169.0 to 2010 269.0	4.77 ± 0.39	-43.5 ± 4.7	0.79	14.8
2010 203.0 to 2010 303.0	5.68 ± 1.35	-54.7 ± 13.6	0.58	11.0
2010 237.0 to 2010 337.0	5.43 ± 1.61	-50.8 ± 17.0	0.14	2.5
2010 271.0 to 2011 6.0	5.05 ± 1.50	-51.6 ± 17.0	0.33	6.1
2010 305.0 to 2011 40.0	5.56 ± 1.17	-47.1 ± 12.1	0.34	6.4
2010 339.0 to 2011 74.0	4.34 ± 1.07	-55.9 ± 14.1	1.12	20.9
2011 8.0 to 2011 108.0	6.13 ± 0.94	-46.4 ± 8.8	0.87	16.3
2011 42.0 to 2011 142.0	5.25 ± 0.85	-44.0 ± 9.3	0.54	10.2
2011 76.0 to 2011 176.0	5.62 ± 0.58	-52.7 ± 5.9	0.40	7.5
2011 110.0 to 2011 210.0	5.41 ± 0.50	-50.5 ± 5.3	0.10	1.9
2011 144.0 to 2011 244.0	5.44 ± 0.42	-47.9 ± 4.4	0.21	3.9
2011 178.0 to 2011 278.0	5.30 ± 0.52	-52.4 ± 5.6	0.24	4.6
2011 212.0 to 2011 312.0	5.10 ± 1.12	-58.7 ± 12.6	0.84	15.8
2011 246.0 to 2011 346.0	5.16 ± 1.35	-51.6 ± 15.0	0.24	4.5
2011 280.0 to 2012 15.0	5.19 ± 1.52	-50.7 ± 16.8	0.16	3.1