B014CH1 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	-3.90055 ± 0.13992	-0.08004	2.1
2009 51.0 to 2009 151.0	-3.89677 ± 0.15053	-0.07626	2.0
2009 76.0 to 2009 176.0	-3.85939 ± 0.17564	-0.03888	1.0
2009 100.0 to 2009 200.0	-3.87749 ± 0.20443	-0.05698	1.5
2009 124.0 to 2009 224.0	-3.82875 ± 0.15280	-0.00824	0.2
2009 148.0 to 2009 248.0	-3.70433 ± 0.16184	0.11618	-3.0
2009 172.0 to 2009 272.0	-3.95244 ± 0.17441	-0.13193	3.5
2009 196.0 to 2009 296.0	-4.07115 ± 0.18932	-0.25064	6.6
2009 220.0 to 2009 320.0	-3.77512 ± 0.19855	0.04539	-1.2
2009 244.0 to 2009 344.0	-3.82504 ± 0.16714	-0.00453	0.1
2009 268.0 to 2010 3.0	-3.72523 ± 0.16568	0.09528	-2.5
2009 302.0 to 2010 37.0	-3.79712 ± 0.10950	0.02339	-0.6
2009 336.0 to 2010 71.0	-3.84434 ± 0.15081	-0.02383	0.6
2010 5.0 to 2010 105.0	-3.86014 ± 0.11384	-0.03963	1.0
2010 39.0 to 2010 139.0	-3.62867 ± 0.10580	0.19184	-5.0
2010 73.0 to 2010 173.0	-3.62892 ± 0.10928	0.19159	-5.0
2010 135.0 to 2010 235.0	-3.72466 ± 0.16280	0.09585	-2.5
2010 169.0 to 2010 269.0	-3.51049 ± 0.17814	0.31002	-8.1
2010 203.0 to 2010 303.0	-3.64975 ± 0.19767	0.17076	-4.5
2010 237.0 to 2010 337.0	-3.81691 ± 0.20699	0.00360	-0.1
2010 271.0 to 2011 6.0	-3.93701 ± 0.15251	-0.11650	3.0
2010 305.0 to 2011 40.0	-3.91283 ± 0.10948	-0.09232	2.4
2010 339.0 to 2011 74.0	-3.83195 ± 0.09773	-0.01144	0.3
2011 8.0 to 2011 108.0	-3.78860 ± 0.07119	0.03191	-0.8
2011 42.0 to 2011 142.0	-3.82051 ± 0.07163	0.00000	-0.0
2011 76.0 to 2011 176.0	-3.83555 ± 0.07881	-0.01504	0.4
2011 110.0 to 2011 210.0	-3.72823 ± 0.11563	0.09228	-2.4
2011 144.0 to 2011 244.0	-3.77341 ± 0.15764	0.04710	-1.2
2011 178.0 to 2011 278.0	-4.16892 ± 0.14037	-0.34841	9.1
2011 212.0 to 2011 312.0	-4.02733 ± 0.16022	-0.20682	5.4
2011 246.0 to 2011 346.0	-3.63921 ± 0.12818	0.18130	-4.7
2011 280.0 to 2012 15.0	-3.62125 ± 0.09895	0.19926	-5.2

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	4.21 ± 0.17	171.5 ± 2.3	0.27	6.4
2009 51.0 to 2009 151.0	4.15 ± 0.17	171.5 ± 2.3	0.27	6.5
2009 76.0 to 2009 176.0	4.13 ± 0.17	170.0 ± 2.4	0.17	4.1
2009 100.0 to 2009 200.0	4.20 ± 0.18	168.8 ± 2.5	0.07	1.7
2009 124.0 to 2009 224.0	4.30 ± 0.12	168.7 ± 1.6	0.11	2.7
2009 148.0 to 2009 248.0	4.35 ± 0.10	166.8 ± 1.3	0.16	3.9
2009 172.0 to 2009 272.0	4.39 ± 0.13	168.7 ± 1.7	0.19	4.6
2009 196.0 to 2009 296.0	4.33 ± 0.16	168.9 ± 2.1	0.15	3.5
2009 220.0 to 2009 320.0	4.20 ± 0.21	169.9 ± 2.9	0.15	3.6
2009 244.0 to 2009 344.0	4.20 ± 0.21	172.1 ± 2.9	0.31	7.4
2009 268.0 to 2010 3.0	4.24 ± 0.21	170.6 ± 2.8	0.21	4.9
2009 302.0 to 2010 37.0	4.30 ± 0.14	171.7 ± 1.9	0.30	7.1
2009 336.0 to 2010 71.0	4.31 ± 0.17	171.3 ± 2.3	0.28	6.6
2010 5.0 to 2010 105.0	4.23 ± 0.15	171.2 ± 2.0	0.25	5.9
2010 39.0 to 2010 139.0	4.18 ± 0.13	168.5 ± 1.8	0.05	1.3
2010 73.0 to 2010 173.0	4.18 ± 0.12	168.7 ± 1.6	0.07	1.6
2010 135.0 to 2010 235.0	4.32 ± 0.12	167.9 ± 1.6	0.11	2.7
2010 169.0 to 2010 269.0	4.45 ± 0.10	165.5 ± 1.3	0.30	7.2
2010 203.0 to 2010 303.0	4.33 ± 0.14	168.2 ± 1.9	0.13	3.0
2010 237.0 to 2010 337.0	4.24 ± 0.20	167.6 ± 2.7	0.04	0.9
2010 271.0 to 2011 6.0	4.10 ± 0.19	166.2 ± 2.7	0.16	3.8
2010 305.0 to 2011 40.0	4.13 ± 0.14	166.8 ± 1.9	0.11	2.6
2010 339.0 to 2011 74.0	4.13 ± 0.12	167.3 ± 1.7	0.09	2.1
2011 8.0 to 2011 108.0	4.17 ± 0.09	167.7 ± 1.2	0.04	0.9
2011 42.0 to 2011 142.0	4.12 ± 0.08	165.3 ± 1.1	0.20	4.9
2011 76.0 to 2011 176.0	4.08 ± 0.07	163.8 ± 1.0	0.32	7.6
2011 110.0 to 2011 210.0	4.09 ± 0.09	164.3 ± 1.3	0.28	6.7
2011 144.0 to 2011 244.0	4.17 ± 0.09	164.3 ± 1.2	0.26	6.2
2011 178.0 to 2011 278.0	4.24 ± 0.09	165.9 ± 1.2	0.15	3.5
2011 212.0 to 2011 312.0	4.18 ± 0.13	167.1 ± 1.8	0.06	1.4
2011 246.0 to 2011 346.0	4.06 ± 0.14	167.9 ± 2.0	0.15	3.5
2011 280.0 to 2012 15.0	4.07 ± 0.13	166.6 ± 1.8	0.16	3.9

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	2.87 ± 0.38	-105.4 ± 7.6	0.42	17.0
2009 51.0 to 2009 151.0	2.77 ± 0.39	-103.8 ± 8.1	0.32	13.1
2009 76.0 to 2009 176.0	2.54 ± 0.39	-106.5 ± 8.8	0.11	4.4
2009 100.0 to 2009 200.0	2.67 ± 0.41	-107.0 ± 8.8	0.23	9.6
2009 124.0 to 2009 224.0	2.37 ± 0.28	-112.8 ± 6.8	0.34	13.7
2009 148.0 to 2009 248.0	2.70 ± 0.24	-114.3 ± 5.1	0.48	19.7
2009 172.0 to 2009 272.0	2.73 ± 0.31	-110.8 ± 6.5	0.38	15.5
2009 196.0 to 2009 296.0	2.81 ± 0.38	-106.3 ± 7.7	0.36	14.8
2009 220.0 to 2009 320.0	2.58 ± 0.48	-101.6 ± 10.7	0.20	8.0
2009 244.0 to 2009 344.0	2.60 ± 0.49	-101.4 ± 10.8	0.22	8.9
2009 268.0 to 2010 3.0	2.64 ± 0.49	-102.3 ± 10.6	0.22	9.1
2009 302.0 to 2010 37.0	2.29 ± 0.33	-116.3 ± 8.3	0.49	20.1
2009 336.0 to 2010 71.0	2.08 ± 0.40	-121.0 ± 11.0	0.73	29.8
2010 5.0 to 2010 105.0	1.78 ± 0.34	-128.0 ± 10.9	1.07	43.6
2010 39.0 to 2010 139.0	2.31 ± 0.30	-105.3 ± 7.4	0.14	5.8
2010 73.0 to 2010 173.0	2.81 ± 0.29	-101.8 ± 5.9	0.39	15.8
2010 135.0 to 2010 235.0	2.64 ± 0.27	-103.1 ± 5.9	0.21	8.4
2010 169.0 to 2010 269.0	2.24 ± 0.24	-102.7 ± 6.1	0.23	9.5
2010 203.0 to 2010 303.0	2.49 ± 0.32	-104.8 ± 7.4	0.04	1.6
2010 237.0 to 2010 337.0	2.34 ± 0.47	-114.8 ± 11.5	0.42	17.3
2010 271.0 to 2011 6.0	2.03 ± 0.42	-113.3 ± 11.9	0.53	21.7
2010 305.0 to 2011 40.0	1.81 ± 0.31	-115.8 ± 9.8	0.75	30.8
2010 339.0 to 2011 74.0	1.98 ± 0.29	-96.1 ± 8.4	0.58	23.8
2011 8.0 to 2011 108.0	2.45 ± 0.20	-104.8 ± 4.7	0.01	0.4
2011 42.0 to 2011 142.0	2.53 ± 0.19	-108.2 ± 4.3	0.16	6.4
2011 76.0 to 2011 176.0	2.60 ± 0.16	-107.8 ± 3.5	0.19	7.8
2011 110.0 to 2011 210.0	2.55 ± 0.20	-100.5 ± 4.5	0.22	9.0
2011 144.0 to 2011 244.0	2.27 ± 0.22	-97.4 ± 5.6	0.36	14.8
2011 178.0 to 2011 278.0	2.01 ± 0.21	-98.9 ± 6.0	0.50	20.5
2011 212.0 to 2011 312.0	1.96 ± 0.30	-100.8 ± 8.8	0.52	21.1
2011 246.0 to 2011 346.0	2.35 ± 0.33	-98.1 ± 8.0	0.31	12.6
2011 280.0 to 2012 15.0	2.40 ± 0.29	-100.2 ± 6.9	0.21	8.6

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	3.17 ± 1.56	-3.9 ± 28.2	1.40	33.3
2009 51.0 to 2009 151.0	3.13 ± 1.60	-2.0 ± 29.3	1.35	32.1
2009 76.0 to 2009 176.0	8.22 ± 1.61	9.9 ± 11.2	4.03	95.9
2009 100.0 to 2009 200.0	3.27 ± 1.68	-34.9 ± 29.4	3.04	72.4
2009 124.0 to 2009 224.0	4.43 ± 1.23	26.8 ± 15.9	1.20	28.6
2009 148.0 to 2009 248.0	6.66 ± 0.98	15.1 ± 8.4	2.49	59.4
2009 172.0 to 2009 272.0	4.19 ± 1.26	10.3 ± 17.2	0.06	1.4
2009 196.0 to 2009 296.0	5.16 ± 1.54	37.1 ± 17.1	2.31	54.9
2009 220.0 to 2009 320.0	4.46 ± 1.95	-13.1 ± 25.1	1.83	43.6
2009 244.0 to 2009 344.0	5.33 ± 1.98	57.0 ± 21.3	3.86	92.0
2009 268.0 to 2010 3.0	4.06 ± 1.99	21.2 ± 28.1	0.74	17.6
2009 302.0 to 2010 37.0	2.85 ± 1.35	12.4 ± 27.1	1.35	32.1
2009 336.0 to 2010 71.0	4.59 ± 1.65	0.9 ± 20.6	0.87	20.8
2010 5.0 to 2010 105.0	4.00 ± 1.40	-2.2 ± 20.1	0.97	23.1
2010 39.0 to 2010 139.0	4.28 ± 1.22	-8.1 ± 16.3	1.41	33.7
2010 73.0 to 2010 173.0	4.61 ± 1.16	17.5 ± 14.4	0.64	15.3
2010 135.0 to 2010 235.0	4.15 ± 1.11	7.1 ± 15.3	0.29	7.0
2010 169.0 to 2010 269.0	4.49 ± 0.98	8.6 ± 12.5	0.35	8.3
2010 203.0 to 2010 303.0	4.13 ± 1.36	31.9 ± 18.9	1.51	35.9
2010 237.0 to 2010 337.0	6.36 ± 1.90	-1.0 ± 17.1	2.42	57.7
2010 271.0 to 2011 6.0	0.47 ± 1.72	134.3 ± 209.7	4.47	106.5
2010 305.0 to 2011 40.0	9.20 ± 1.28	15.2 ± 8.0	5.02	119.7
2010 339.0 to 2011 74.0	3.11 ± 1.17	-42.5 ± 21.6	3.43	81.8
2011 8.0 to 2011 108.0	5.24 ± 0.80	14.8 ± 8.7	1.09	25.9
2011 42.0 to 2011 142.0	3.38 ± 0.77	-10.1 ± 13.1	1.61	38.3
2011 76.0 to 2011 176.0	4.94 ± 0.65	9.4 ± 7.5	0.76	18.0
2011 110.0 to 2011 210.0	5.12 ± 0.80	-11.1 ± 9.0	2.01	47.9
2011 144.0 to 2011 244.0	4.41 ± 0.88	20.1 ± 11.4	0.71	16.9
2011 178.0 to 2011 278.0	5.75 ± 0.87	26.0 ± 8.7	2.01	47.9
2011 212.0 to 2011 312.0	3.13 ± 1.23	35.3 ± 22.5	1.86	44.3
2011 246.0 to 2011 346.0	4.44 ± 1.34	36.5 ± 17.3	1.91	45.6
2011 280.0 to 2012 15.0	3.53 ± 1.20	20.5 ± 19.5	0.92	21.9

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	1.44 ± 0.65	-129.6 ± 25.9	0.71	33.3
2009 51.0 to 2009 151.0	2.47 ± 0.67	-111.6 ± 15.5	0.60	28.4
2009 76.0 to 2009 176.0	2.50 ± 0.67	-130.6 ± 15.4	0.46	21.5
2009 100.0 to 2009 200.0	2.21 ± 0.70	-133.5 ± 18.1	0.37	17.3
2009 124.0 to 2009 224.0	2.01 ± 0.50	-98.3 ± 14.3	0.93	43.6
2009 148.0 to 2009 248.0	2.14 ± 0.41	-113.4 ± 11.0	0.40	18.6
2009 172.0 to 2009 272.0	2.60 ± 0.53	-140.6 ± 11.7	0.83	38.9
2009 196.0 to 2009 296.0	2.73 ± 0.64	-121.5 ± 13.4	0.61	28.8
2009 220.0 to 2009 320.0	1.24 ± 0.82	-99.7 ± 37.9	1.12	52.7
2009 244.0 to 2009 344.0	2.83 ± 0.82	-126.1 ± 16.6	0.71	33.3
2009 268.0 to 2010 3.0	2.16 ± 0.83	-130.5 ± 22.0	0.24	11.5
2009 302.0 to 2010 37.0	1.84 ± 0.56	-130.3 ± 17.4	0.36	16.9
2009 336.0 to 2010 71.0	2.00 ± 0.68	-137.8 ± 19.5	0.51	24.0
2010 5.0 to 2010 105.0	2.35 ± 0.58	-115.5 ± 14.1	0.40	18.8
2010 39.0 to 2010 139.0	2.28 ± 0.51	-125.9 ± 12.8	0.17	8.0
2010 73.0 to 2010 173.0	1.71 ± 0.49	-111.6 ± 16.4	0.59	27.6
2010 135.0 to 2010 235.0	2.06 ± 0.46	-135.6 ± 12.8	0.43	20.1
2010 169.0 to 2010 269.0	1.99 ± 0.41	-108.1 ± 11.8	0.59	27.6
2010 203.0 to 2010 303.0	2.37 ± 0.57	-131.6 ± 13.8	0.38	18.0
2010 237.0 to 2010 337.0	1.96 ± 0.80	-114.3 ± 23.4	0.38	18.1
2010 271.0 to 2011 6.0	2.12 ± 0.71	-131.3 ± 19.2	0.27	12.7
2010 305.0 to 2011 40.0	1.71 ± 0.54	-142.6 ± 18.1	0.74	35.0
2010 339.0 to 2011 74.0	1.96 ± 0.49	-136.0 ± 14.3	0.46	21.5
2011 8.0 to 2011 108.0	2.09 ± 0.34	-122.5 ± 9.3	0.07	3.2
2011 42.0 to 2011 142.0	1.96 ± 0.32	-125.8 ± 9.4	0.18	8.4
2011 76.0 to 2011 176.0	2.37 ± 0.27	-118.1 ± 6.5	0.34	15.8
2011 110.0 to 2011 210.0	2.13 ± 0.34	-118.6 ± 9.1	0.20	9.5
2011 144.0 to 2011 244.0	1.82 ± 0.37	-126.3 ± 11.6	0.32	14.9
2011 178.0 to 2011 278.0	2.91 ± 0.37	-132.3 ± 7.3	0.86	40.5
2011 212.0 to 2011 312.0	2.31 ± 0.51	-121.6 ± 12.6	0.21	9.7
2011 246.0 to 2011 346.0	2.23 ± 0.56	-127.3 ± 14.4	0.16	7.6
2011 280.0 to 2012 15.0	1.70 ± 0.50	-127.3 ± 16.9	0.44	20.7