B065CH3 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 60.0 to 2009 160.0	-2.56272 ± 0.06050	-0.05641	2.3
2009 62.0 to 2009 162.0	-2.50631 ± 0.06038	0.00000	-0.0
2009 86.0 to 2009 186.0	-2.12861 ± 0.06802	0.37770	-15.1
2009 110.0 to 2009 210.0	-1.66243 ± 0.07982	0.84388	-33.7
2009 134.0 to 2009 234.0	-1.29769 ± 0.08619	1.20862	-48.2
2009 158.0 to 2009 258.0	-1.42637 ± 0.10308	1.07994	-43.1
2009 182.0 to 2009 282.0	-1.53197 ± 0.10598	0.97434	-38.9
2009 206.0 to 2009 306.0	-2.27467 ± 0.09370	0.23164	-9.2
2009 230.0 to 2009 330.0	-2.65588 ± 0.07154	-0.14957	6.0
2009 254.0 to 2009 354.0	-2.90652 ± 0.04605	-0.40021	16.0
2009 288.0 to 2010 23.0	-3.07427 ± 0.02645	-0.56796	22.7
2009 322.0 to 2010 57.0	-3.08650 ± 0.05447	-0.58019	23.1
2009 356.0 to 2010 91.0	-3.05124 ± 0.05622	-0.54493	21.7
2010 25.0 to 2010 125.0	-2.95491 ± 0.03861	-0.44860	17.9
2010 59.0 to 2010 159.0	-2.84913 ± 0.04082	-0.34282	13.7
2010 93.0 to 2010 193.0	-2.43579 ± 0.04506	0.07052	-2.8
2010 127.0 to 2010 227.0	-1.71488 ± 0.05140	0.79143	-31.6
2010 161.0 to 2010 261.0	-1.37859 ± 0.06238	1.12772	-45.0
2010 195.0 to 2010 295.0	-1.48011 ± 0.06916	1.02620	-40.9
2010 229.0 to 2010 329.0	-2.28362 ± 0.04700	0.22269	-8.9
2010 263.0 to 2010 363.0	-2.71224 ± 0.03431	-0.20593	8.2
2010 297.0 to 2011 32.0	-2.86910 ± 0.02980	-0.36279	14.5
2010 331.0 to 2011 66.0	-2.95924 ± 0.03105	-0.45293	18.1
2010 365.0 to 2011 100.0	-2.97885 ± 0.03176	-0.47254	18.9
2011 34.0 to 2011 134.0	-2.91834 ± 0.03152	-0.41203	16.4
2011 68.0 to 2011 168.0	-2.72065 ± 0.04052	-0.21434	8.6
2011 102.0 to 2011 202.0	-2.15370 ± 0.04891	0.35261	-14.1
2011 161.0 to 2011 261.0	-1.36370 ± 0.05859	1.14261	-45.6
2011 195.0 to 2011 295.0	-1.82458 ± 0.05127	0.68173	-27.2
2011 229.0 to 2011 329.0	-2.41284 ± 0.04211	0.09347	-3.7
2011 263.0 to 2011 363.0	-2.76198 ± 0.03195	-0.25567	10.2
2011 297.0 to 2012 32.0	-2.84304 ± 0.02561	-0.33673	13.4

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	2.65 ± 0.03	-25.2 ± 0.6	0.03	1.1
2009 62.0 to 2009 162.0	2.65 ± 0.03	-25.4 ± 0.6	0.02	0.8
2009 86.0 to 2009 186.0	2.66 ± 0.03	-25.6 ± 0.6	0.01	0.4
2009 110.0 to 2009 210.0	2.64 ± 0.04	-25.5 ± 0.9	0.02	0.9
2009 134.0 to 2009 234.0	2.64 ± 0.04	-26.0 ± 0.9	0.02	0.8
2009 158.0 to 2009 258.0	2.63 ± 0.05	-26.3 ± 1.1	0.04	1.4
2009 182.0 to 2009 282.0	2.61 ± 0.05	-25.7 ± 1.1	0.05	1.8
2009 206.0 to 2009 306.0	2.61 ± 0.05	-25.7 ± 1.1	0.05	1.8
2009 230.0 to 2009 330.0	2.61 ± 0.04	-25.4 ± 0.9	0.05	2.0
2009 254.0 to 2009 354.0	2.62 ± 0.03	-25.4 ± 0.7	0.04	1.6
2009 288.0 to 2010 23.0	2.65 ± 0.02	-26.2 ± 0.4	0.02	0.8
2009 322.0 to 2010 57.0	2.68 ± 0.05	-26.8 ± 1.1	0.05	1.9
2009 356.0 to 2010 91.0	2.65 ± 0.05	-27.5 ± 1.1	0.08	3.0
2010 25.0 to 2010 125.0	2.61 ± 0.03	-27.2 ± 0.7	0.08	3.0
2010 59.0 to 2010 159.0	2.58 ± 0.03	-27.1 ± 0.7	0.10	3.7
2010 93.0 to 2010 193.0	2.63 ± 0.02	-26.2 ± 0.4	0.03	1.3
2010 127.0 to 2010 227.0	2.66 ± 0.02	-26.3 ± 0.4	0.02	0.9
2010 161.0 to 2010 261.0	2.72 ± 0.03	-25.5 ± 0.6	0.06	2.4
2010 195.0 to 2010 295.0	2.68 ± 0.03	-25.4 ± 0.6	0.03	1.1
2010 229.0 to 2010 329.0	2.67 ± 0.03	-25.0 ± 0.6	0.04	1.5
2010 263.0 to 2010 363.0	2.62 ± 0.03	-26.0 ± 0.7	0.04	1.5
2010 297.0 to 2011 32.0	2.67 ± 0.02	-25.9 ± 0.4	0.01	0.5
2010 331.0 to 2011 66.0	2.66 ± 0.03	-26.7 ± 0.6	0.04	1.6
2010 365.0 to 2011 100.0	2.67 ± 0.03	-25.9 ± 0.6	0.01	0.5
2011 34.0 to 2011 134.0	2.69 ± 0.03	-25.2 ± 0.6	0.04	1.6
2011 68.0 to 2011 168.0	2.67 ± 0.03	-25.6 ± 0.6	0.01	0.5
2011 102.0 to 2011 202.0	2.67 ± 0.03	-25.5 ± 0.6	0.02	0.7
2011 161.0 to 2011 261.0	2.68 ± 0.03	-25.1 ± 0.6	0.04	1.5
2011 195.0 to 2011 295.0	2.74 ± 0.02	-25.8 ± 0.4	0.08	3.0
2011 229.0 to 2011 329.0	2.77 ± 0.03	-25.6 ± 0.6	0.11	4.2
2011 263.0 to 2011 363.0	2.77 ± 0.02	-26.4 ± 0.4	0.11	4.3
2011 297.0 to 2012 32.0	2.76 ± 0.02	-26.1 ± 0.4	0.10	3.8

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	3.03 ± 0.08	8.7 ± 1.5	0.33	12.3
2009 62.0 to 2009 162.0	3.03 ± 0.07	7.6 ± 1.3	0.35	12.9
2009 86.0 to 2009 186.0	3.00 ± 0.08	8.1 ± 1.5	0.31	11.5
2009 110.0 to 2009 210.0	2.83 ± 0.09	7.4 ± 1.8	0.19	6.9
2009 134.0 to 2009 234.0	2.82 ± 0.09	8.9 ± 1.8	0.13	4.9
2009 158.0 to 2009 258.0	2.85 ± 0.11	8.7 ± 2.2	0.16	6.0
2009 182.0 to 2009 282.0	2.84 ± 0.12	9.6 ± 2.4	0.14	5.0
2009 206.0 to 2009 306.0	2.95 ± 0.11	6.7 ± 2.1	0.30	11.1
2009 230.0 to 2009 330.0	2.95 ± 0.09	8.8 ± 1.7	0.25	9.4
2009 254.0 to 2009 354.0	3.00 ± 0.07	9.5 ± 1.3	0.29	10.9
2009 288.0 to 2010 23.0	2.80 ± 0.04	9.9 ± 0.8	0.09	3.5
2009 322.0 to 2010 57.0	2.74 ± 0.10	8.6 ± 2.1	0.09	3.3
2009 356.0 to 2010 91.0	2.66 ± 0.11	7.8 ± 2.4	0.13	4.7
2010 25.0 to 2010 125.0	2.80 ± 0.06	10.0 ± 1.2	0.09	3.4
2010 59.0 to 2010 159.0	2.74 ± 0.06	13.7 ± 1.3	0.16	6.0
2010 93.0 to 2010 193.0	2.78 ± 0.05	16.6 ± 1.0	0.31	11.4
2010 127.0 to 2010 227.0	2.74 ± 0.05	12.8 ± 1.0	0.12	4.5
2010 161.0 to 2010 261.0	2.71 ± 0.06	9.8 ± 1.3	0.03	1.0
2010 195.0 to 2010 295.0	2.69 ± 0.08	8.3 ± 1.7	0.10	3.6
2010 229.0 to 2010 329.0	2.55 ± 0.06	10.9 ± 1.3	0.16	5.9
2010 263.0 to 2010 363.0	2.52 ± 0.06	10.0 ± 1.4	0.19	7.0
2010 297.0 to 2011 32.0	2.45 ± 0.05	12.2 ± 1.2	0.27	10.0
2010 331.0 to 2011 66.0	2.58 ± 0.06	11.4 ± 1.3	0.14	5.1
2010 365.0 to 2011 100.0	2.61 ± 0.06	13.3 ± 1.3	0.17	6.2
2011 34.0 to 2011 134.0	2.56 ± 0.05	12.3 ± 1.1	0.17	6.4
2011 68.0 to 2011 168.0	2.47 ± 0.06	13.2 ± 1.4	0.27	10.0
2011 102.0 to 2011 202.0	2.61 ± 0.06	13.5 ± 1.3	0.18	6.5
2011 161.0 to 2011 261.0	2.63 ± 0.06	14.4 ± 1.3	0.20	7.5
2011 195.0 to 2011 295.0	2.46 ± 0.05	13.2 ± 1.2	0.28	10.3
2011 229.0 to 2011 329.0	2.45 ± 0.06	15.7 ± 1.4	0.35	13.0
2011 263.0 to 2011 363.0	2.54 ± 0.05	15.5 ± 1.1	0.29	10.7
2011 297.0 to 2012 32.0	2.50 ± 0.04	13.1 ± 0.9	0.24	9.0

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	2.92 ± 0.31	-155.3 ± 6.1	2.04	84.9
2009 62.0 to 2009 162.0	3.38 ± 0.30	-157.8 ± 5.1	2.23	92.9
2009 86.0 to 2009 186.0	2.32 ± 0.32	-168.1 ± 7.9	1.26	52.5
2009 110.0 to 2009 210.0	1.22 ± 0.36	-177.0 ± 16.9	1.35	56.2
2009 134.0 to 2009 234.0	2.07 ± 0.36	-162.4 ± 10.0	1.44	59.9
2009 158.0 to 2009 258.0	1.82 ± 0.45	130.8 ± 14.2	1.23	51.4
2009 182.0 to 2009 282.0	1.30 ± 0.47	146.4 ± 20.7	1.19	49.5
2009 206.0 to 2009 306.0	3.06 ± 0.46	133.7 ± 8.6	1.44	59.9
2009 230.0 to 2009 330.0	3.27 ± 0.37	138.0 ± 6.5	1.41	58.9
2009 254.0 to 2009 354.0	2.76 ± 0.27	151.4 ± 5.6	0.56	23.3
2009 288.0 to 2010 23.0	3.56 ± 0.19	161.7 ± 3.1	1.16	48.3
2009 322.0 to 2010 57.0	5.01 ± 0.43	165.0 ± 4.9	2.62	109.1
2009 356.0 to 2010 91.0	3.21 ± 0.44	-174.2 ± 7.9	1.44	60.0
2010 25.0 to 2010 125.0	3.56 ± 0.25	-162.6 ± 4.0	2.16	90.1
2010 59.0 to 2010 159.0	2.59 ± 0.23	-152.2 ± 5.1	1.99	82.9
2010 93.0 to 2010 193.0	1.13 ± 0.22	168.4 ± 11.2	1.29	53.7
2010 127.0 to 2010 227.0	1.46 ± 0.22	-175.7 ± 8.6	1.21	50.3
2010 161.0 to 2010 261.0	0.90 ± 0.27	119.6 ± 17.2	1.83	76.0
2010 195.0 to 2010 295.0	1.99 ± 0.30	129.4 ± 8.6	1.26	52.4
2010 229.0 to 2010 329.0	2.51 ± 0.26	129.8 ± 5.9	1.32	55.1
2010 263.0 to 2010 363.0	3.20 ± 0.23	132.4 ± 4.1	1.58	66.0
2010 297.0 to 2011 32.0	4.56 ± 0.21	167.4 ± 2.6	2.19	91.2
2010 331.0 to 2011 66.0	4.40 ± 0.24	159.1 ± 3.1	2.00	83.4
2010 365.0 to 2011 100.0	3.12 ± 0.23	-164.1 ± 4.2	1.79	74.7
2011 34.0 to 2011 134.0	3.79 ± 0.21	-179.5 ± 3.2	1.72	71.8
2011 68.0 to 2011 168.0	1.55 ± 0.24	-173.9 ± 8.9	1.20	49.8
2011 102.0 to 2011 202.0	2.62 ± 0.23	-157.5 ± 5.0	1.79	74.6
2011 161.0 to 2011 261.0	0.86 ± 0.23	159.4 ± 15.3	1.54	64.2
2011 195.0 to 2011 295.0	2.61 ± 0.22	122.6 ± 4.8	1.66	69.1
2011 229.0 to 2011 329.0	2.68 ± 0.23	121.5 ± 4.9	1.74	72.3
2011 263.0 to 2011 363.0	3.38 ± 0.19	155.9 ± 3.2	1.01	42.1
2011 297.0 to 2012 32.0	4.11 ± 0.17	149.7 ± 2.4	1.82	75.7

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	1.52 ± 0.13	75.1 ± 4.9	0.17	12.0
2009 62.0 to 2009 162.0	1.52 ± 0.12	76.3 ± 4.5	0.20	14.0
2009 86.0 to 2009 186.0	1.75 ± 0.13	59.8 ± 4.3	0.38	26.3
2009 110.0 to 2009 210.0	1.96 ± 0.15	61.8 ± 4.4	0.54	37.2
2009 134.0 to 2009 234.0	1.89 ± 0.15	54.7 ± 4.5	0.59	40.7
2009 158.0 to 2009 258.0	1.59 ± 0.19	63.4 ± 6.8	0.19	13.3
2009 182.0 to 2009 282.0	1.66 ± 0.20	48.2 ± 6.9	0.59	40.6
2009 206.0 to 2009 306.0	0.89 ± 0.19	41.4 ± 12.2	0.78	53.7
2009 230.0 to 2009 330.0	1.55 ± 0.15	70.1 ± 5.5	0.10	6.7
2009 254.0 to 2009 354.0	1.73 ± 0.12	68.6 ± 4.0	0.27	18.6
2009 288.0 to 2010 23.0	1.34 ± 0.08	96.9 ± 3.4	0.69	47.3
2009 322.0 to 2010 57.0	1.32 ± 0.18	91.7 ± 7.8	0.57	39.0
2009 356.0 to 2010 91.0	1.39 ± 0.18	105.1 ± 7.4	0.89	61.0
2010 25.0 to 2010 125.0	1.15 ± 0.11	84.0 ± 5.5	0.46	31.6
2010 59.0 to 2010 159.0	1.61 ± 0.10	80.4 ± 3.6	0.34	23.6
2010 93.0 to 2010 193.0	1.65 ± 0.09	69.0 ± 3.1	0.19	13.1
2010 127.0 to 2010 227.0	1.60 ± 0.09	60.4 ± 3.2	0.26	18.1
2010 161.0 to 2010 261.0	1.46 ± 0.11	59.1 ± 4.3	0.25	16.9
2010 195.0 to 2010 295.0	1.44 ± 0.13	47.8 ± 5.2	0.53	36.2
2010 229.0 to 2010 329.0	1.55 ± 0.11	63.1 ± 4.1	0.18	12.0
2010 263.0 to 2010 363.0	1.70 ± 0.10	73.9 ± 3.4	0.28	19.1
2010 297.0 to 2011 32.0	1.23 ± 0.10	102.7 ± 4.7	0.81	55.8
2010 331.0 to 2011 66.0	1.24 ± 0.10	79.4 ± 4.6	0.33	22.7
2010 365.0 to 2011 100.0	1.36 ± 0.10	90.8 ± 4.2	0.55	37.5
2011 34.0 to 2011 134.0	1.30 ± 0.10	90.5 ± 4.4	0.54	37.2
2011 68.0 to 2011 168.0	1.30 ± 0.10	70.8 ± 4.4	0.17	11.4
2011 102.0 to 2011 202.0	1.69 ± 0.10	69.6 ± 3.4	0.23	15.9
2011 161.0 to 2011 261.0	1.67 ± 0.10	54.5 ± 3.4	0.44	30.3
2011 195.0 to 2011 295.0	1.09 ± 0.09	65.1 ± 4.7	0.38	25.9
2011 229.0 to 2011 329.0	1.36 ± 0.10	54.9 ± 4.2	0.35	24.3
2011 263.0 to 2011 363.0	1.39 ± 0.09	78.7 ± 3.7	0.26	17.5
2011 297.0 to 2012 32.0	1.23 ± 0.08	90.0 ± 3.7	0.54	37.2