B065CH0 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	-2.41361 ± 0.23992	-0.04214	1.8
2009 62.0 to 2009 162.0	-2.37147 ± 0.27157	0.00000	-0.0
2009 86.0 to 2009 186.0	-2.10877 ± 0.16256	0.26270	-11.1
2009 110.0 to 2009 210.0	-1.68464 ± 0.18039	0.68683	-29.0
2009 134.0 to 2009 234.0	-1.21966 ± 0.15697	1.15181	-48.6
2009 158.0 to 2009 258.0	-1.17480 ± 0.15938	1.19667	-50.5
2009 182.0 to 2009 282.0	-1.15870 ± 0.15910	1.21277	-51.1
2009 206.0 to 2009 306.0	-2.04003 ± 0.15207	0.33144	-14.0
2009 230.0 to 2009 330.0	-2.39876 ± 0.17459	-0.02729	1.2
2009 254.0 to 2009 354.0	-2.72849 ± 0.15364	-0.35702	15.1
2009 288.0 to 2010 23.0	-2.97798 ± 0.13271	-0.60651	25.6
2009 322.0 to 2010 57.0	-2.97803 ± 0.18190	-0.60656	25.6
2009 356.0 to 2010 91.0	-3.00415 ± 0.19364	-0.63268	26.7
2010 25.0 to 2010 125.0	-2.77714 ± 0.11010	-0.40567	17.1
2010 59.0 to 2010 159.0	-2.71047 ± 0.11719	-0.33900	14.3
2010 93.0 to 2010 193.0	-2.15514 ± 0.14035	0.21633	-9.1
2010 127.0 to 2010 227.0	-1.25014 ± 0.13138	1.12133	-47.3
2010 161.0 to 2010 261.0	-1.11639 ± 0.12159	1.25508	-52.9
2010 195.0 to 2010 295.0	-1.35971 ± 0.18604	1.01176	-42.7
2010 229.0 to 2010 329.0	-2.24037 ± 0.16659	0.13110	-5.5
2010 263.0 to 2010 363.0	-2.66159 ± 0.11632	-0.29012	12.2
2010 297.0 to 2011 32.0	-2.80205 ± 0.08564	-0.43058	18.2
2010 331.0 to 2011 66.0	-2.87638 ± 0.06855	-0.50491	21.3
2010 365.0 to 2011 100.0	-2.85628 ± 0.06696	-0.48481	20.4
2011 34.0 to 2011 134.0	-2.76631 ± 0.07129	-0.39484	16.6
2011 68.0 to 2011 168.0	-2.53537 ± 0.08915	-0.16390	6.9
2011 102.0 to 2011 202.0	-2.00354 ± 0.12268	0.36793	-15.5
2011 161.0 to 2011 261.0	-1.19942 ± 0.14155	1.17205	-49.4
2011 195.0 to 2011 295.0	-1.67909 ± 0.11100	0.69238	-29.2
2011 229.0 to 2011 329.0	-2.23481 ± 0.09101	0.13666	-5.8
2011 263.0 to 2011 363.0	-2.63879 ± 0.06834	-0.26732	11.3
2011 297.0 to 2012 32.0	-2.71288 ± 0.05980	-0.34141	14.4

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	2.27 ± 0.13	-164.9 ± 3.3	0.06	2.7
2009 62.0 to 2009 162.0	2.28 ± 0.14	-164.6 ± 3.5	0.06	2.6
2009 86.0 to 2009 186.0	2.30 ± 0.08	-165.5 ± 2.0	0.02	1.1
2009 110.0 to 2009 210.0	2.32 ± 0.09	-164.9 ± 2.2	0.03	1.3
2009 134.0 to 2009 234.0	2.32 ± 0.07	-165.5 ± 1.7	0.01	0.3
2009 158.0 to 2009 258.0	2.32 ± 0.07	-165.0 ± 1.7	0.03	1.1
2009 182.0 to 2009 282.0	2.33 ± 0.08	-165.1 ± 2.0	0.02	1.0
2009 206.0 to 2009 306.0	2.36 ± 0.08	-165.6 ± 1.9	0.04	1.5
2009 230.0 to 2009 330.0	2.28 ± 0.10	-165.3 ± 2.5	0.05	2.0
2009 254.0 to 2009 354.0	2.23 ± 0.10	-166.2 ± 2.6	0.10	4.2
2009 288.0 to 2010 23.0	2.25 ± 0.10	-166.1 ± 2.5	0.08	3.3
2009 322.0 to 2010 57.0	2.33 ± 0.15	-164.8 ± 3.7	0.03	1.5
2009 356.0 to 2010 91.0	2.40 ± 0.16	-165.1 ± 3.8	0.08	3.4
2010 25.0 to 2010 125.0	2.40 ± 0.08	-166.1 ± 1.9	0.08	3.4
2010 59.0 to 2010 159.0	2.40 ± 0.07	-166.4 ± 1.7	0.08	3.5
2010 93.0 to 2010 193.0	2.38 ± 0.08	-166.1 ± 1.9	0.06	2.5
2010 127.0 to 2010 227.0	2.33 ± 0.06	-166.5 ± 1.5	0.04	1.5
2010 161.0 to 2010 261.0	2.28 ± 0.06	-164.3 ± 1.5	0.07	3.0
2010 195.0 to 2010 295.0	2.34 ± 0.09	-165.6 ± 2.2	0.02	0.7
2010 229.0 to 2010 329.0	2.34 ± 0.10	-166.6 ± 2.4	0.04	1.8
2010 263.0 to 2010 363.0	2.39 ± 0.09	-166.7 ± 2.2	0.08	3.4
2010 297.0 to 2011 32.0	2.35 ± 0.07	-166.3 ± 1.7	0.04	1.6
2010 331.0 to 2011 66.0	2.35 ± 0.06	-165.5 ± 1.5	0.03	1.1
2010 365.0 to 2011 100.0	2.31 ± 0.05	-167.1 ± 1.2	0.06	2.6
2011 34.0 to 2011 134.0	2.26 ± 0.05	-167.8 ± 1.3	0.11	4.6
2011 68.0 to 2011 168.0	2.29 ± 0.06	-169.1 ± 1.5	0.14	6.2
2011 102.0 to 2011 202.0	2.33 ± 0.06	-169.9 ± 1.5	0.17	7.5
2011 161.0 to 2011 261.0	2.34 ± 0.06	-169.5 ± 1.5	0.16	6.8
2011 195.0 to 2011 295.0	2.33 ± 0.05	-166.1 ± 1.2	0.02	0.8
2011 229.0 to 2011 329.0	2.30 ± 0.05	-165.2 ± 1.2	0.03	1.3
2011 263.0 to 2011 363.0	2.34 ± 0.05	-165.3 ± 1.2	0.02	0.9
2011 297.0 to 2012 32.0	2.33 ± 0.05	-165.1 ± 1.2	0.02	1.0

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	3.41 ± 0.31	-53.4 ± 5.2	0.15	4.3
2009 62.0 to 2009 162.0	3.46 ± 0.33	-53.5 ± 5.5	0.15	4.3
2009 86.0 to 2009 186.0	3.53 ± 0.19	-57.3 ± 3.1	0.14	4.2
2009 110.0 to 2009 210.0	3.56 ± 0.20	-57.9 ± 3.2	0.19	5.5
2009 134.0 to 2009 234.0	3.60 ± 0.16	-55.7 ± 2.5	0.18	5.4
2009 158.0 to 2009 258.0	3.57 ± 0.17	-57.5 ± 2.7	0.18	5.4
2009 182.0 to 2009 282.0	3.53 ± 0.17	-56.5 ± 2.8	0.12	3.5
2009 206.0 to 2009 306.0	3.65 ± 0.18	-55.8 ± 2.8	0.23	6.8
2009 230.0 to 2009 330.0	3.53 ± 0.22	-57.4 ± 3.6	0.15	4.3
2009 254.0 to 2009 354.0	3.61 ± 0.23	-53.1 ± 3.7	0.26	7.5
2009 288.0 to 2010 23.0	3.58 ± 0.24	-58.6 ± 3.8	0.23	6.8
2009 322.0 to 2010 57.0	3.42 ± 0.35	-63.4 ± 5.9	0.45	13.2
2009 356.0 to 2010 91.0	3.46 ± 0.37	-64.6 ± 6.1	0.53	15.4
2010 25.0 to 2010 125.0	3.31 ± 0.17	-61.9 ± 2.9	0.37	10.8
2010 59.0 to 2010 159.0	3.52 ± 0.17	-58.0 ± 2.8	0.17	4.9
2010 93.0 to 2010 193.0	3.38 ± 0.18	-54.8 ± 3.1	0.07	2.1
2010 127.0 to 2010 227.0	3.55 ± 0.14	-54.0 ± 2.3	0.17	5.1
2010 161.0 to 2010 261.0	3.50 ± 0.13	-53.9 ± 2.1	0.14	4.2
2010 195.0 to 2010 295.0	3.63 ± 0.21	-54.6 ± 3.3	0.23	6.6
2010 229.0 to 2010 329.0	3.48 ± 0.23	-54.6 ± 3.8	0.10	2.9
2010 263.0 to 2010 363.0	3.30 ± 0.19	-54.3 ± 3.3	0.15	4.3
2010 297.0 to 2011 32.0	2.98 ± 0.16	-58.6 ± 3.1	0.46	13.6
2010 331.0 to 2011 66.0	3.03 ± 0.13	-56.4 ± 2.5	0.39	11.4
2010 365.0 to 2011 100.0	3.07 ± 0.12	-54.8 ± 2.2	0.35	10.3
2011 34.0 to 2011 134.0	3.14 ± 0.12	-52.3 ± 2.2	0.34	10.1
2011 68.0 to 2011 168.0	3.11 ± 0.13	-53.4 ± 2.4	0.34	9.9
2011 102.0 to 2011 202.0	3.09 ± 0.15	-50.0 ± 2.8	0.47	13.6
2011 161.0 to 2011 261.0	3.09 ± 0.14	-50.8 ± 2.6	0.43	12.7
2011 195.0 to 2011 295.0	3.14 ± 0.12	-53.2 ± 2.2	0.32	9.2
2011 229.0 to 2011 329.0	3.06 ± 0.12	-52.8 ± 2.2	0.40	11.6
2011 263.0 to 2011 363.0	2.94 ± 0.10	-51.2 ± 1.9	0.54	15.9
2011 297.0 to 2012 32.0	3.03 ± 0.10	-53.1 ± 1.9	0.42	12.2

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	1.40 ± 1.26	10.1 ± 51.6	2.26	71.5
2009 62.0 to 2009 162.0	0.84 ± 1.35	-14.6 ± 92.1	2.90	91.6
2009 86.0 to 2009 186.0	1.99 ± 0.77	24.7 ± 22.2	1.59	50.4
2009 110.0 to 2009 210.0	3.62 ± 0.83	33.9 ± 13.1	1.02	32.3
2009 134.0 to 2009 234.0	2.72 ± 0.66	34.7 ± 13.9	0.88	27.7
2009 158.0 to 2009 258.0	4.97 ± 0.70	45.2 ± 8.1	1.83	57.8
2009 182.0 to 2009 282.0	3.85 ± 0.70	34.3 ± 10.4	1.15	36.3
2009 206.0 to 2009 306.0	4.74 ± 0.75	68.2 ± 9.1	2.02	63.7
2009 230.0 to 2009 330.0	4.78 ± 0.91	74.5 ± 10.9	2.33	73.8
2009 254.0 to 2009 354.0	3.80 ± 0.92	55.6 ± 13.9	0.74	23.2
2009 288.0 to 2010 23.0	2.69 ± 1.01	66.0 ± 21.5	0.96	30.5
2009 322.0 to 2010 57.0	4.07 ± 1.45	143.5 ± 20.4	5.33	168.3
2009 356.0 to 2010 91.0	3.10 ± 1.52	50.9 ± 28.1	0.10	3.2
2010 25.0 to 2010 125.0	1.99 ± 0.71	-98.7 ± 20.4	4.97	157.0
2010 59.0 to 2010 159.0	2.39 ± 0.67	30.6 ± 16.1	1.19	37.6
2010 93.0 to 2010 193.0	3.31 ± 0.72	13.0 ± 12.5	2.03	64.2
2010 127.0 to 2010 227.0	3.66 ± 0.58	40.2 ± 9.1	0.74	23.4
2010 161.0 to 2010 261.0	4.71 ± 0.53	29.2 ± 6.4	2.06	65.0
2010 195.0 to 2010 295.0	4.71 ± 0.84	49.3 ± 10.2	1.54	48.8
2010 229.0 to 2010 329.0	5.18 ± 0.94	58.9 ± 10.4	2.12	67.0
2010 263.0 to 2010 363.0	4.14 ± 0.79	79.8 ± 10.9	2.13	67.3
2010 297.0 to 2011 32.0	3.51 ± 0.65	96.5 ± 10.6	2.68	84.7
2010 331.0 to 2011 66.0	3.47 ± 0.53	105.0 ± 8.8	3.10	98.0
2010 365.0 to 2011 100.0	1.58 ± 0.50	38.7 ± 18.1	1.64	51.8
2011 34.0 to 2011 134.0	1.03 ± 0.49	119.0 ± 27.3	2.97	93.7
2011 68.0 to 2011 168.0	2.47 ± 0.54	32.4 ± 12.5	1.08	34.2
2011 102.0 to 2011 202.0	2.22 ± 0.60	1.4 ± 15.5	2.36	74.5
2011 161.0 to 2011 261.0	4.19 ± 0.58	29.5 ± 7.9	1.63	51.4
2011 195.0 to 2011 295.0	4.80 ± 0.49	59.4 ± 5.8	1.77	55.9
2011 229.0 to 2011 329.0	5.38 ± 0.50	63.3 ± 5.3	2.43	76.7
2011 263.0 to 2011 363.0	3.67 ± 0.43	84.2 ± 6.7	2.10	66.2
2011 297.0 to 2012 32.0	3.92 ± 0.42	87.7 ± 6.1	2.43	76.7

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	2.26 ± 0.52	24.5 ± 13.2	0.36	17.6
2009 62.0 to 2009 162.0	2.27 ± 0.56	27.0 ± 14.1	0.44	21.6
2009 86.0 to 2009 186.0	2.07 ± 0.32	16.2 ± 8.9	0.06	2.9
2009 110.0 to 2009 210.0	2.27 ± 0.34	28.2 ± 8.6	0.47	23.4
2009 134.0 to 2009 234.0	2.85 ± 0.28	28.3 ± 5.6	0.94	46.6
2009 158.0 to 2009 258.0	2.30 ± 0.29	7.7 ± 7.2	0.45	22.4
2009 182.0 to 2009 282.0	2.46 ± 0.29	9.1 ± 6.8	0.54	26.6
2009 206.0 to 2009 306.0	2.01 ± 0.31	0.0 ± 8.8	0.61	30.0
2009 230.0 to 2009 330.0	2.09 ± 0.38	22.3 ± 10.4	0.19	9.4
2009 254.0 to 2009 354.0	2.44 ± 0.39	14.3 ± 9.2	0.43	21.3
2009 288.0 to 2010 23.0	1.04 ± 0.42	36.0 ± 23.1	1.09	53.9
2009 322.0 to 2010 57.0	1.62 ± 0.60	33.4 ± 21.2	0.65	32.1
2009 356.0 to 2010 91.0	1.24 ± 0.62	61.6 ± 28.6	1.43	70.6
2010 25.0 to 2010 125.0	1.50 ± 0.30	-13.5 ± 11.5	1.06	52.6
2010 59.0 to 2010 159.0	2.26 ± 0.28	18.8 ± 7.1	0.24	11.9
2010 93.0 to 2010 193.0	1.82 ± 0.30	33.6 ± 9.4	0.58	28.7
2010 127.0 to 2010 227.0	2.62 ± 0.24	13.0 ± 5.2	0.62	30.6
2010 161.0 to 2010 261.0	1.95 ± 0.22	17.1 ± 6.5	0.08	3.7
2010 195.0 to 2010 295.0	2.04 ± 0.35	1.2 ± 9.8	0.57	28.1
2010 229.0 to 2010 329.0	2.25 ± 0.39	15.0 ± 9.9	0.24	11.9
2010 263.0 to 2010 363.0	1.98 ± 0.33	31.4 ± 9.5	0.49	24.4
2010 297.0 to 2011 32.0	0.93 ± 0.27	32.4 ± 16.6	1.15	56.9
2010 331.0 to 2011 66.0	1.55 ± 0.22	14.6 ± 8.1	0.48	23.8
2010 365.0 to 2011 100.0	1.36 ± 0.21	37.5 ± 8.8	0.88	43.6
2011 34.0 to 2011 134.0	1.47 ± 0.20	14.1 ± 7.8	0.56	27.8
2011 68.0 to 2011 168.0	1.78 ± 0.22	21.1 ± 7.1	0.28	13.6
2011 102.0 to 2011 202.0	1.99 ± 0.25	21.8 ± 7.2	0.16	8.0
2011 161.0 to 2011 261.0	2.42 ± 0.24	17.1 ± 5.7	0.39	19.5
2011 195.0 to 2011 295.0	1.66 ± 0.20	8.0 ± 6.9	0.47	23.3
2011 229.0 to 2011 329.0	2.22 ± 0.21	6.5 ± 5.4	0.44	21.9
2011 263.0 to 2011 363.0	1.37 ± 0.18	19.2 ± 7.5	0.66	32.5
2011 297.0 to 2012 32.0	1.42 ± 0.18	20.3 ± 7.3	0.61	30.2