B058CH1 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 59.0 to 2009 159.0	-4.08257 ± 0.03454	0.07044	-1.7
2009 62.0 to 2009 162.0	-4.07840 ± 0.03602	0.07461	-1.8
2009 86.0 to 2009 186.0	-4.02667 ± 0.03606	0.12634	-3.0
2009 110.0 to 2009 210.0	-3.99457 ± 0.03710	0.15844	-3.8
2009 134.0 to 2009 234.0	-3.98118 ± 0.03685	0.17183	-4.1
2009 158.0 to 2009 258.0	-3.99949 ± 0.03490	0.15352	-3.7
2009 182.0 to 2009 282.0	-4.02712 ± 0.03465	0.12589	-3.0
2009 206.0 to 2009 306.0	-4.17079 ± 0.05627	-0.01778	0.4
2009 230.0 to 2009 330.0	-4.20213 ± 0.05865	-0.04912	1.2
2009 254.0 to 2009 354.0	-4.21114 ± 0.04426	-0.05813	1.4
2009 288.0 to 2010 23.0	-4.28571 ± 0.02952	-0.13270	3.2
2009 322.0 to 2010 57.0	-4.21838 ± 0.03654	-0.06537	1.6
2009 356.0 to 2010 91.0	-4.23854 ± 0.03886	-0.08553	2.1
2010 25.0 to 2010 125.0	-4.17140 ± 0.04027	-0.01839	0.4
2010 59.0 to 2010 159.0	-4.18074 ± 0.04344	-0.02773	0.7
2010 93.0 to 2010 193.0	-4.13279 ± 0.03715	0.02022	-0.5
2010 127.0 to 2010 227.0	-4.08965 ± 0.03659	0.06336	-1.5
2010 161.0 to 2010 261.0	-3.94943 ± 0.03439	0.20358	-4.9
2010 195.0 to 2010 295.0	-3.97073 ± 0.03924	0.18228	-4.4
2010 229.0 to 2010 329.0	-4.18587 ± 0.03320	-0.03286	0.8
2010 263.0 to 2010 363.0	-4.23007 ± 0.03211	-0.07706	1.9
2010 297.0 to 2011 32.0	-4.23305 ± 0.03653	-0.08004	1.9
2010 331.0 to 2011 66.0	-4.23335 ± 0.03287	-0.08034	1.9
2010 365.0 to 2011 100.0	-4.30614 ± 0.03751	-0.15313	3.7
2011 34.0 to 2011 134.0	-4.20582 ± 0.03575	-0.05281	1.3
2011 68.0 to 2011 168.0	-4.15301 ± 0.03415	0.00000	-0.0
2011 102.0 to 2011 202.0	-4.03890 ± 0.03611	0.11411	-2.7
2011 136.0 to 2011 236.0	-4.04569 ± 0.03945	0.10732	-2.6
2011 170.0 to 2011 270.0	-4.08978 ± 0.05410	0.06323	-1.5
2011 288.0 to 2011 316.0	-3.95226 ± 0.06405	0.20075	-4.8
2011 284.0 to 2012 19.0	-4.20520 ± 0.02434	-0.05219	1.3

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	4.46 ± 0.02	-130.2 ± 0.3	0.02	0.5
2009 62.0 to 2009 162.0	4.46 ± 0.02	-130.3 ± 0.3	0.02	0.5
2009 86.0 to 2009 186.0	4.43 ± 0.02	-130.2 ± 0.3	0.01	0.2
2009 110.0 to 2009 210.0	4.41 ± 0.02	-130.2 ± 0.3	0.03	0.6
2009 134.0 to 2009 234.0	4.40 ± 0.02	-130.2 ± 0.3	0.04	0.9
2009 158.0 to 2009 258.0	4.39 ± 0.02	-130.6 ± 0.3	0.06	1.3
2009 182.0 to 2009 282.0	4.41 ± 0.02	-130.7 ± 0.3	0.05	1.0
2009 206.0 to 2009 306.0	4.43 ± 0.03	-130.6 ± 0.4	0.03	0.7
2009 230.0 to 2009 330.0	4.44 ± 0.03	-130.3 ± 0.4	0.01	0.1
2009 254.0 to 2009 354.0	4.42 ± 0.03	-130.1 ± 0.4	0.02	0.5
2009 288.0 to 2010 23.0	4.39 ± 0.03	-129.8 ± 0.4	0.06	1.3
2009 322.0 to 2010 57.0	4.38 ± 0.04	-129.5 ± 0.5	0.08	1.8
2009 356.0 to 2010 91.0	4.44 ± 0.04	-129.9 ± 0.5	0.03	0.6
2010 25.0 to 2010 125.0	4.47 ± 0.03	-130.2 ± 0.4	0.03	0.7
2010 59.0 to 2010 159.0	4.51 ± 0.03	-130.2 ± 0.4	0.07	1.6
2010 93.0 to 2010 193.0	4.46 ± 0.02	-130.2 ± 0.3	0.02	0.5
2010 127.0 to 2010 227.0	4.45 ± 0.02	-130.1 ± 0.3	0.02	0.3
2010 161.0 to 2010 261.0	4.43 ± 0.01	-130.4 ± 0.1	0.02	0.4
2010 195.0 to 2010 295.0	4.46 ± 0.02	-129.9 ± 0.3	0.03	0.7
2010 229.0 to 2010 329.0	4.49 ± 0.02	-129.8 ± 0.3	0.06	1.4
2010 263.0 to 2010 363.0	4.48 ± 0.03	-129.5 ± 0.4	0.07	1.6
2010 297.0 to 2011 32.0	4.46 ± 0.03	-129.6 ± 0.4	0.05	1.2
2010 331.0 to 2011 66.0	4.40 ± 0.03	-129.9 ± 0.4	0.05	1.0
2010 365.0 to 2011 100.0	4.38 ± 0.03	-130.3 ± 0.4	0.06	1.3
2011 34.0 to 2011 134.0	4.38 ± 0.03	-130.5 ± 0.4	0.06	1.4
2011 68.0 to 2011 168.0	4.48 ± 0.02	-130.5 ± 0.3	0.05	1.1
2011 102.0 to 2011 202.0	4.49 ± 0.02	-130.7 ± 0.3	0.06	1.4
2011 136.0 to 2011 236.0	4.47 ± 0.02	-130.7 ± 0.3	0.05	1.1
2011 170.0 to 2011 270.0	4.47 ± 0.03	-131.2 ± 0.4	0.08	1.8
2011 288.0 to 2011 316.0	4.43 ± 0.04	-129.2 ± 0.5	0.08	1.8
2011 284.0 to 2012 19.0	4.52 ± 0.02	-129.5 ± 0.3	0.10	2.2

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	0.88 ± 0.05	-153.5 ± 3.3	0.05	5.1
2009 62.0 to 2009 162.0	0.88 ± 0.05	-153.3 ± 3.3	0.04	4.8
2009 86.0 to 2009 186.0	0.91 ± 0.04	-158.1 ± 2.5	0.12	13.9
2009 110.0 to 2009 210.0	1.02 ± 0.04	-153.4 ± 2.2	0.15	17.2
2009 134.0 to 2009 234.0	0.95 ± 0.04	-151.8 ± 2.4	0.08	8.7
2009 158.0 to 2009 258.0	0.92 ± 0.03	-152.2 ± 1.9	0.05	5.7
2009 182.0 to 2009 282.0	0.86 ± 0.04	-152.3 ± 2.7	0.03	3.6
2009 206.0 to 2009 306.0	0.88 ± 0.07	-151.3 ± 4.6	0.01	1.3
2009 230.0 to 2009 330.0	0.87 ± 0.08	-152.8 ± 5.3	0.03	4.0
2009 254.0 to 2009 354.0	0.96 ± 0.07	-149.9 ± 4.2	0.08	9.6
2009 288.0 to 2010 23.0	0.99 ± 0.06	-144.3 ± 3.5	0.15	17.4
2009 322.0 to 2010 57.0	0.97 ± 0.08	-141.9 ± 4.7	0.17	19.1
2009 356.0 to 2010 91.0	0.80 ± 0.08	-139.8 ± 5.7	0.17	19.9
2010 25.0 to 2010 125.0	0.88 ± 0.07	-141.5 ± 4.6	0.14	15.8
2010 59.0 to 2010 159.0	0.86 ± 0.07	-146.5 ± 4.7	0.06	7.3
2010 93.0 to 2010 193.0	0.90 ± 0.05	-151.4 ± 3.2	0.03	3.0
2010 127.0 to 2010 227.0	0.82 ± 0.04	-148.7 ± 2.8	0.06	7.2
2010 161.0 to 2010 261.0	0.88 ± 0.03	-145.7 ± 2.0	0.07	8.5
2010 195.0 to 2010 295.0	0.83 ± 0.04	-143.4 ± 2.8	0.12	13.3
2010 229.0 to 2010 329.0	0.91 ± 0.05	-143.9 ± 3.1	0.11	12.4
2010 263.0 to 2010 363.0	1.04 ± 0.06	-142.0 ± 3.3	0.22	24.7
2010 297.0 to 2011 32.0	1.12 ± 0.07	-140.3 ± 3.6	0.30	34.3
2010 331.0 to 2011 66.0	0.92 ± 0.07	-147.9 ± 4.4	0.06	6.9
2010 365.0 to 2011 100.0	0.83 ± 0.07	-162.4 ± 4.8	0.18	20.8
2011 34.0 to 2011 134.0	0.73 ± 0.06	-161.2 ± 4.7	0.21	23.8
2011 68.0 to 2011 168.0	0.81 ± 0.05	-152.7 ± 3.5	0.07	8.4
2011 102.0 to 2011 202.0	0.76 ± 0.04	-147.0 ± 3.0	0.13	14.5
2011 136.0 to 2011 236.0	0.75 ± 0.05	-154.1 ± 3.8	0.14	15.5
2011 170.0 to 2011 270.0	0.62 ± 0.06	-160.2 ± 5.5	0.28	32.5
2011 288.0 to 2011 316.0	0.86 ± 0.12	-148.5 ± 8.0	0.04	4.0
2011 284.0 to 2012 19.0	0.86 ± 0.04	-152.6 ± 2.7	0.04	4.0

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	2.33 ± 0.19	-61.1 ± 4.7	0.96	62.3
2009 62.0 to 2009 162.0	2.24 ± 0.18	-62.1 ± 4.6	0.90	58.5
2009 86.0 to 2009 186.0	2.08 ± 0.17	-52.8 ± 4.7	0.60	38.7
2009 110.0 to 2009 210.0	2.17 ± 0.16	-29.8 ± 4.2	0.78	50.3
2009 134.0 to 2009 234.0	1.89 ± 0.15	-37.2 ± 4.5	0.40	26.2
2009 158.0 to 2009 258.0	1.69 ± 0.14	1.9 ± 4.7	1.28	82.6
2009 182.0 to 2009 282.0	1.52 ± 0.14	-3.1 ± 5.3	1.08	69.8
2009 206.0 to 2009 306.0	1.17 ± 0.27	12.9 ± 13.2	1.34	86.8
2009 230.0 to 2009 330.0	0.69 ± 0.32	59.1 ± 26.6	1.83	118.6
2009 254.0 to 2009 354.0	1.15 ± 0.28	15.9 ± 14.0	1.39	90.2
2009 288.0 to 2010 23.0	0.68 ± 0.23	180.0 ± 19.4	2.09	135.1
2009 322.0 to 2010 57.0	0.61 ± 0.33	-23.8 ± 31.0	1.00	64.5
2009 356.0 to 2010 91.0	1.95 ± 0.32	-108.2 ± 9.4	1.88	121.8
2010 25.0 to 2010 125.0	2.17 ± 0.28	-65.5 ± 7.4	0.92	59.5
2010 59.0 to 2010 159.0	2.34 ± 0.27	-67.6 ± 6.6	1.11	71.6
2010 93.0 to 2010 193.0	2.20 ± 0.20	-39.0 ± 5.2	0.68	43.8
2010 127.0 to 2010 227.0	2.09 ± 0.15	-32.5 ± 4.1	0.66	42.6
2010 161.0 to 2010 261.0	1.77 ± 0.13	-12.7 ± 4.2	0.93	60.0
2010 195.0 to 2010 295.0	1.77 ± 0.16	-2.7 ± 5.2	1.20	77.4
2010 229.0 to 2010 329.0	1.49 ± 0.19	24.0 ± 7.3	1.70	110.3
2010 263.0 to 2010 363.0	1.00 ± 0.23	18.2 ± 13.2	1.40	90.6
2010 297.0 to 2011 32.0	0.65 ± 0.29	-159.4 ± 25.6	1.91	123.9
2010 331.0 to 2011 66.0	0.35 ± 0.27	-120.9 ± 44.2	1.50	97.3
2010 365.0 to 2011 100.0	2.10 ± 0.30	-66.2 ± 8.2	0.88	57.1
2011 34.0 to 2011 134.0	1.78 ± 0.26	-100.5 ± 8.4	1.58	102.3
2011 68.0 to 2011 168.0	2.25 ± 0.21	-46.7 ± 5.3	0.71	45.9
2011 102.0 to 2011 202.0	2.10 ± 0.18	-51.7 ± 4.9	0.60	39.0
2011 136.0 to 2011 236.0	2.18 ± 0.43	-37.6 ± 11.3	0.67	43.4
2011 170.0 to 2011 270.0	8.32 ± 5.04	-143.4 ± 34.7	8.70	563.2
2011 288.0 to 2011 316.0	1.04 ± 0.11	-93.5 ± 6.1	1.17	75.8
2011 284.0 to 2012 19.0	1.09 ± 0.24	-30.1 ± 12.6	0.56	36.0

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	2.34 ± 0.08	51.8 ± 2.0	0.29	12.2
2009 62.0 to 2009 162.0	2.35 ± 0.08	51.9 ± 2.0	0.29	12.4
2009 86.0 to 2009 186.0	2.43 ± 0.07	44.5 ± 1.7	0.09	3.8
2009 110.0 to 2009 210.0	2.30 ± 0.07	43.4 ± 1.7	0.07	3.0
2009 134.0 to 2009 234.0	2.27 ± 0.07	46.6 ± 1.8	0.10	4.4
2009 158.0 to 2009 258.0	2.35 ± 0.06	45.0 ± 1.5	0.01	0.5
2009 182.0 to 2009 282.0	2.39 ± 0.06	41.6 ± 1.4	0.14	6.0
2009 206.0 to 2009 306.0	2.21 ± 0.12	49.2 ± 3.1	0.22	9.4
2009 230.0 to 2009 330.0	2.43 ± 0.13	54.0 ± 3.1	0.39	16.8
2009 254.0 to 2009 354.0	2.35 ± 0.12	44.0 ± 2.9	0.03	1.4
2009 288.0 to 2010 23.0	2.45 ± 0.10	43.2 ± 2.3	0.13	5.4
2009 322.0 to 2010 57.0	2.27 ± 0.14	53.2 ± 3.5	0.35	14.8
2009 356.0 to 2010 91.0	2.21 ± 0.14	51.6 ± 3.6	0.30	12.8
2010 25.0 to 2010 125.0	2.33 ± 0.12	47.1 ± 3.0	0.09	4.1
2010 59.0 to 2010 159.0	2.50 ± 0.12	47.1 ± 2.8	0.19	8.0
2010 93.0 to 2010 193.0	2.16 ± 0.09	44.4 ± 2.4	0.18	7.8
2010 127.0 to 2010 227.0	2.25 ± 0.07	41.1 ± 1.8	0.17	7.4
2010 161.0 to 2010 261.0	2.36 ± 0.06	44.0 ± 1.5	0.04	1.6
2010 195.0 to 2010 295.0	2.35 ± 0.07	44.5 ± 1.7	0.01	0.6
2010 229.0 to 2010 329.0	2.31 ± 0.08	51.7 ± 2.0	0.28	12.1
2010 263.0 to 2010 363.0	2.28 ± 0.10	45.7 ± 2.5	0.07	3.1
2010 297.0 to 2011 32.0	2.09 ± 0.12	45.6 ± 3.3	0.25	10.8
2010 331.0 to 2011 66.0	2.49 ± 0.12	50.3 ± 2.8	0.28	11.8
2010 365.0 to 2011 100.0	2.30 ± 0.12	44.1 ± 3.0	0.05	2.1
2011 34.0 to 2011 134.0	2.37 ± 0.11	45.2 ± 2.7	0.03	1.4
2011 68.0 to 2011 168.0	2.48 ± 0.09	46.2 ± 2.1	0.15	6.4
2011 102.0 to 2011 202.0	2.33 ± 0.08	43.8 ± 2.0	0.04	1.8
2011 136.0 to 2011 236.0	1.90 ± 0.15	45.9 ± 4.5	0.44	18.9
2011 170.0 to 2011 270.0	2.56 ± 1.23	29.3 ± 27.5	0.69	29.7
2011 288.0 to 2011 316.0	2.38 ± 0.04	10.0 ± 1.0	1.41	60.3
2011 284.0 to 2012 19.0	2.15 ± 0.10	28.6 ± 2.7	0.66	28.2