B058CH3 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	-7.62064 ± 0.13826	0.00000	-0.0
2009 62.0 to 2009 162.0	-7.69328 ± 0.13149	-0.07264	1.0
2009 86.0 to 2009 186.0	-7.42280 ± 0.15827	0.19784	-2.6
2009 110.0 to 2009 210.0	-7.54307 ± 0.10615	0.07757	-1.0
2009 134.0 to 2009 234.0	-7.51116 ± 0.10318	0.10948	-1.4
2009 158.0 to 2009 258.0	-7.44717 ± 0.09914	0.17347	-2.3
2009 182.0 to 2009 282.0	-7.50061 ± 0.09110	0.12003	-1.6
2009 206.0 to 2009 306.0	-7.65302 ± 0.11452	-0.03238	0.4
2009 230.0 to 2009 330.0	-7.64914 ± 0.12303	-0.02850	0.4
2009 254.0 to 2009 354.0	-7.64916 ± 0.08875	-0.02852	0.4
2009 288.0 to 2010 23.0	-7.66243 ± 0.05002	-0.04179	0.5
2009 322.0 to 2010 57.0	-7.62127 ± 0.06073	-0.00063	0.0
2009 356.0 to 2010 91.0	-7.64619 ± 0.06578	-0.02555	0.3
2010 25.0 to 2010 125.0	-7.65132 ± 0.08033	-0.03068	0.4
2010 59.0 to 2010 159.0	-7.67442 ± 0.10536	-0.05378	0.7
2010 93.0 to 2010 193.0	-7.63648 ± 0.09651	-0.01584	0.2
2010 127.0 to 2010 227.0	-7.42438 ± 0.16566	0.19626	-2.6
2010 161.0 to 2010 261.0	-7.33914 ± 0.12862	0.28150	-3.7
2010 195.0 to 2010 295.0	-7.44885 ± 0.10114	0.17179	-2.3
2010 229.0 to 2010 329.0	-7.84433 ± 0.09504	-0.22369	2.9
2010 263.0 to 2010 363.0	-7.74445 ± 0.08717	-0.12381	1.6
2010 297.0 to 2011 32.0	-7.62378 ± 0.06199	-0.00314	0.0
2010 331.0 to 2011 66.0	-7.56438 ± 0.05632	0.05626	-0.7
2010 365.0 to 2011 100.0	-7.78171 ± 0.05239	-0.16107	2.1
2011 34.0 to 2011 134.0	-7.74218 ± 0.06717	-0.12154	1.6
2011 68.0 to 2011 168.0	-7.61497 ± 0.06256	0.00567	-0.1
2011 102.0 to 2011 202.0	-7.32121 ± 0.04522	0.29943	-3.9
2011 136.0 to 2011 236.0	-7.27431 ± 0.04711	0.34633	-4.5
2011 170.0 to 2011 270.0	-7.31538 ± 0.06871	0.30526	-4.0
2011 288.0 to 2011 316.0	-7.26852 ± 0.24836	0.35212	-4.6
2011 284.0 to 2012 19.0	-7.38751 ± 0.08460	0.23313	-3.1

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	10.21 ± 0.08	53.5 ± 0.4	0.23	2.2
2009 62.0 to 2009 162.0	10.23 ± 0.07	53.5 ± 0.4	0.21	2.0
2009 86.0 to 2009 186.0	10.20 ± 0.09	53.4 ± 0.5	0.24	2.3
2009 110.0 to 2009 210.0	10.29 ± 0.05	54.0 ± 0.3	0.19	1.8
2009 134.0 to 2009 234.0	10.27 ± 0.05	53.7 ± 0.3	0.18	1.7
2009 158.0 to 2009 258.0	10.29 ± 0.05	53.6 ± 0.3	0.15	1.5
2009 182.0 to 2009 282.0	10.35 ± 0.04	53.1 ± 0.2	0.10	0.9
2009 206.0 to 2009 306.0	10.38 ± 0.06	53.1 ± 0.3	0.07	0.7
2009 230.0 to 2009 330.0	10.40 ± 0.07	53.3 ± 0.4	0.04	0.3
2009 254.0 to 2009 354.0	10.47 ± 0.06	53.6 ± 0.3	0.06	0.6
2009 288.0 to 2010 23.0	10.42 ± 0.05	54.0 ± 0.3	0.12	1.2
2009 322.0 to 2010 57.0	10.37 ± 0.06	53.4 ± 0.3	0.07	0.6
2009 356.0 to 2010 91.0	10.34 ± 0.06	53.5 ± 0.3	0.10	1.0
2010 25.0 to 2010 125.0	10.39 ± 0.06	53.2 ± 0.3	0.05	0.5
2010 59.0 to 2010 159.0	10.40 ± 0.07	52.6 ± 0.4	0.14	1.3
2010 93.0 to 2010 193.0	10.36 ± 0.06	52.6 ± 0.3	0.15	1.5
2010 127.0 to 2010 227.0	10.36 ± 0.08	53.1 ± 0.4	0.09	0.8
2010 161.0 to 2010 261.0	10.40 ± 0.06	53.6 ± 0.3	0.06	0.6
2010 195.0 to 2010 295.0	10.44 ± 0.05	53.3 ± 0.3	0.01	0.1
2010 229.0 to 2010 329.0	10.50 ± 0.06	52.9 ± 0.3	0.10	1.0
2010 263.0 to 2010 363.0	10.56 ± 0.07	53.1 ± 0.4	0.13	1.3
2010 297.0 to 2011 32.0	10.58 ± 0.05	53.3 ± 0.3	0.14	1.4
2010 331.0 to 2011 66.0	10.67 ± 0.05	53.7 ± 0.3	0.24	2.3
2010 365.0 to 2011 100.0	10.72 ± 0.05	53.1 ± 0.3	0.29	2.8
2011 34.0 to 2011 134.0	10.73 ± 0.05	52.7 ± 0.3	0.32	3.0
2011 68.0 to 2011 168.0	10.70 ± 0.04	52.4 ± 0.2	0.31	3.0
2011 102.0 to 2011 202.0	10.76 ± 0.03	52.9 ± 0.2	0.33	3.2
2011 136.0 to 2011 236.0	10.82 ± 0.02	53.0 ± 0.1	0.39	3.7
2011 170.0 to 2011 270.0	10.90 ± 0.04	53.4 ± 0.2	0.46	4.4
2011 288.0 to 2011 316.0	10.81 ± 0.21	51.1 ± 1.1	0.56	5.3
2011 284.0 to 2012 19.0	11.01 ± 0.08	52.6 ± 0.4	0.59	5.7

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	4.18 ± 0.18	-3.7 ± 2.5	0.44	11.7
2009 62.0 to 2009 162.0	4.22 ± 0.16	-3.9 ± 2.2	0.48	12.7
2009 86.0 to 2009 186.0	4.05 ± 0.19	-1.9 ± 2.7	0.35	9.4
2009 110.0 to 2009 210.0	3.82 ± 0.11	-4.4 ± 1.6	0.07	2.0
2009 134.0 to 2009 234.0	3.86 ± 0.09	-4.6 ± 1.3	0.11	3.1
2009 158.0 to 2009 258.0	3.83 ± 0.09	-4.2 ± 1.3	0.09	2.3
2009 182.0 to 2009 282.0	3.84 ± 0.09	-4.6 ± 1.3	0.09	2.5
2009 206.0 to 2009 306.0	3.58 ± 0.13	-8.7 ± 2.1	0.32	8.4
2009 230.0 to 2009 330.0	3.63 ± 0.16	-7.9 ± 2.5	0.25	6.6
2009 254.0 to 2009 354.0	3.47 ± 0.13	-8.4 ± 2.1	0.37	9.9
2009 288.0 to 2010 23.0	3.67 ± 0.09	-4.9 ± 1.4	0.08	2.1
2009 322.0 to 2010 57.0	3.68 ± 0.12	-5.2 ± 1.9	0.08	2.1
2009 356.0 to 2010 91.0	3.91 ± 0.13	-3.5 ± 1.9	0.18	4.7
2010 25.0 to 2010 125.0	3.73 ± 0.14	-4.2 ± 2.2	0.02	0.7
2010 59.0 to 2010 159.0	3.85 ± 0.17	-6.0 ± 2.5	0.14	3.9
2010 93.0 to 2010 193.0	3.81 ± 0.13	-5.9 ± 2.0	0.11	3.0
2010 127.0 to 2010 227.0	3.84 ± 0.18	-7.1 ± 2.7	0.20	5.3
2010 161.0 to 2010 261.0	3.75 ± 0.13	-4.9 ± 2.0	0.03	0.7
2010 195.0 to 2010 295.0	3.64 ± 0.10	-4.0 ± 1.6	0.11	2.9
2010 229.0 to 2010 329.0	3.58 ± 0.14	-6.8 ± 2.2	0.22	5.9
2010 263.0 to 2010 363.0	3.51 ± 0.16	-6.5 ± 2.6	0.27	7.2
2010 297.0 to 2011 32.0	3.53 ± 0.12	-7.6 ± 1.9	0.29	7.8
2010 331.0 to 2011 66.0	3.69 ± 0.11	-2.8 ± 1.7	0.12	3.3
2010 365.0 to 2011 100.0	3.64 ± 0.10	-1.8 ± 1.6	0.20	5.4
2011 34.0 to 2011 134.0	3.69 ± 0.12	-1.6 ± 1.9	0.20	5.2
2011 68.0 to 2011 168.0	3.73 ± 0.10	-2.5 ± 1.5	0.13	3.5
2011 102.0 to 2011 202.0	3.76 ± 0.05	-3.7 ± 0.8	0.05	1.4
2011 136.0 to 2011 236.0	3.74 ± 0.05	-3.2 ± 0.8	0.08	2.3
2011 170.0 to 2011 270.0	3.74 ± 0.07	-2.8 ± 1.1	0.11	2.9
2011 288.0 to 2011 316.0	3.69 ± 0.41	-6.4 ± 6.4	0.14	3.6
2011 284.0 to 2012 19.0	3.87 ± 0.15	-3.8 ± 2.2	0.13	3.5

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	3.54 ± 0.76	114.1 ± 12.3	1.03	24.2
2009 62.0 to 2009 162.0	3.66 ± 0.65	107.1 ± 10.2	1.37	32.0
2009 86.0 to 2009 186.0	3.07 ± 0.75	154.1 ± 14.0	2.18	51.1
2009 110.0 to 2009 210.0	5.01 ± 0.42	115.8 ± 4.8	1.05	24.5
2009 134.0 to 2009 234.0	3.54 ± 0.39	119.8 ± 6.3	0.81	18.9
2009 158.0 to 2009 258.0	4.10 ± 0.38	109.9 ± 5.3	1.11	25.9
2009 182.0 to 2009 282.0	4.95 ± 0.36	126.3 ± 4.2	0.69	16.2
2009 206.0 to 2009 306.0	4.72 ± 0.53	110.4 ± 6.4	1.22	28.6
2009 230.0 to 2009 330.0	4.91 ± 0.65	126.1 ± 7.6	0.65	15.2
2009 254.0 to 2009 354.0	5.21 ± 0.55	133.9 ± 6.0	1.20	28.1
2009 288.0 to 2010 23.0	5.70 ± 0.38	138.3 ± 3.8	1.84	43.1
2009 322.0 to 2010 57.0	4.61 ± 0.54	121.5 ± 6.7	0.43	10.2
2009 356.0 to 2010 91.0	5.39 ± 0.54	142.2 ± 5.7	1.83	42.8
2010 25.0 to 2010 125.0	3.57 ± 0.57	146.4 ± 9.1	1.61	37.8
2010 59.0 to 2010 159.0	4.24 ± 0.67	139.5 ± 9.1	1.08	25.3
2010 93.0 to 2010 193.0	2.50 ± 0.52	123.1 ± 11.9	1.77	41.5
2010 127.0 to 2010 227.0	4.19 ± 0.73	121.3 ± 10.0	0.28	6.5
2010 161.0 to 2010 261.0	3.39 ± 0.53	121.4 ± 9.0	0.91	21.3
2010 195.0 to 2010 295.0	4.43 ± 0.43	121.7 ± 5.6	0.29	6.9
2010 229.0 to 2010 329.0	5.16 ± 0.55	128.8 ± 6.1	0.95	22.2
2010 263.0 to 2010 363.0	4.96 ± 0.63	119.5 ± 7.3	0.82	19.2
2010 297.0 to 2011 32.0	4.87 ± 0.48	151.1 ± 5.6	2.15	50.4
2010 331.0 to 2011 66.0	5.62 ± 0.46	128.7 ± 4.7	1.39	32.6
2010 365.0 to 2011 100.0	3.61 ± 0.40	143.8 ± 6.3	1.44	33.9
2011 34.0 to 2011 134.0	4.15 ± 0.49	139.7 ± 6.8	1.09	25.5
2011 68.0 to 2011 168.0	3.16 ± 0.39	127.2 ± 7.1	1.12	26.2
2011 102.0 to 2011 202.0	3.28 ± 0.21	122.3 ± 3.7	1.00	23.5
2011 136.0 to 2011 236.0	4.69 ± 0.49	119.4 ± 6.0	0.60	14.2
2011 170.0 to 2011 270.0	5.72 ± 6.23	-166.0 ± 62.4	5.79	135.6
2011 288.0 to 2011 316.0	4.32 ± 0.40	129.0 ± 5.3	0.31	7.3
2011 284.0 to 2012 19.0	4.19 ± 0.84	116.1 ± 11.5	0.65	15.3

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	4.97 ± 0.32	-138.4 ± 3.7	0.13	2.5
2009 62.0 to 2009 162.0	4.98 ± 0.28	-138.5 ± 3.2	0.12	2.4
2009 86.0 to 2009 186.0	5.23 ± 0.33	-136.2 ± 3.6	0.21	4.1
2009 110.0 to 2009 210.0	5.30 ± 0.21	-136.1 ± 2.3	0.27	5.3
2009 134.0 to 2009 234.0	5.19 ± 0.19	-140.1 ± 2.1	0.22	4.4
2009 158.0 to 2009 258.0	4.97 ± 0.18	-137.4 ± 2.1	0.13	2.5
2009 182.0 to 2009 282.0	5.43 ± 0.17	-137.1 ± 1.8	0.35	6.9
2009 206.0 to 2009 306.0	5.43 ± 0.23	-138.2 ± 2.4	0.34	6.7
2009 230.0 to 2009 330.0	4.72 ± 0.28	-142.1 ± 3.4	0.51	10.1
2009 254.0 to 2009 354.0	4.92 ± 0.24	-140.6 ± 2.8	0.29	5.7
2009 288.0 to 2010 23.0	5.21 ± 0.18	-138.2 ± 2.0	0.13	2.5
2009 322.0 to 2010 57.0	4.84 ± 0.25	-139.2 ± 3.0	0.27	5.4
2009 356.0 to 2010 91.0	4.63 ± 0.23	-145.8 ± 2.8	0.81	15.9
2010 25.0 to 2010 125.0	4.98 ± 0.24	-135.1 ± 2.8	0.27	5.3
2010 59.0 to 2010 159.0	4.88 ± 0.28	-133.8 ± 3.3	0.41	8.1
2010 93.0 to 2010 193.0	5.20 ± 0.22	-139.0 ± 2.4	0.15	2.9
2010 127.0 to 2010 227.0	5.14 ± 0.31	-136.7 ± 3.5	0.12	2.3
2010 161.0 to 2010 261.0	5.08 ± 0.22	-135.6 ± 2.5	0.20	4.0
2010 195.0 to 2010 295.0	5.00 ± 0.18	-139.4 ± 2.1	0.16	3.1
2010 229.0 to 2010 329.0	5.16 ± 0.23	-143.5 ± 2.6	0.51	10.0
2010 263.0 to 2010 363.0	5.12 ± 0.27	-138.7 ± 3.0	0.08	1.5
2010 297.0 to 2011 32.0	5.26 ± 0.22	-135.6 ± 2.4	0.27	5.3
2010 331.0 to 2011 66.0	4.94 ± 0.21	-137.6 ± 2.4	0.15	3.0
2010 365.0 to 2011 100.0	4.55 ± 0.18	-137.9 ± 2.3	0.54	10.6
2011 34.0 to 2011 134.0	5.11 ± 0.21	-135.1 ± 2.4	0.25	4.9
2011 68.0 to 2011 168.0	5.45 ± 0.17	-138.9 ± 1.8	0.37	7.3
2011 102.0 to 2011 202.0	5.05 ± 0.10	-134.0 ± 1.1	0.35	6.8
2011 136.0 to 2011 236.0	5.20 ± 0.17	-134.5 ± 1.9	0.32	6.4
2011 170.0 to 2011 270.0	4.47 ± 1.53	-167.6 ± 19.6	2.52	49.6
2011 288.0 to 2011 316.0	6.40 ± 0.20	-148.8 ± 1.8	1.70	33.5
2011 284.0 to 2012 19.0	5.93 ± 0.37	-133.2 ± 3.6	0.95	18.8