B944CH1 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 175.0 to 2009 275.0	-4.27440 ± 0.09611	-0.35893	9.2
2009 199.0 to 2009 299.0	-4.01473 ± 0.07243	-0.09926	2.5
2009 223.0 to 2009 323.0	-3.71468 ± 0.08195	0.20079	-5.1
2009 247.0 to 2009 347.0	-3.41819 ± 0.11795	0.49728	-12.7
2009 271.0 to 2010 6.0	-3.39170 ± 0.12470	0.52377	-13.4
2009 305.0 to 2010 40.0	-3.09614 ± 0.09193	0.81933	-20.9
2009 339.0 to 2010 74.0	-3.39861 ± 0.07679	0.51686	-13.2
2010 8.0 to 2010 108.0	-3.15094 ± 0.07702	0.76453	-19.5
2010 42.0 to 2010 142.0	-3.29430 ± 0.08998	0.62117	-15.9
2010 76.0 to 2010 176.0	-3.45772 ± 0.07922	0.45775	-11.7
2010 110.0 to 2010 210.0	-3.78393 ± 0.09604	0.13154	-3.4
2010 144.0 to 2010 244.0	-3.91652 ± 0.14249	-0.00105	0.0
2010 178.0 to 2010 278.0	-3.70832 ± 0.22785	0.20715	-5.3
2010 212.0 to 2010 312.0	-3.66665 ± 0.21550	0.24882	-6.4
2010 246.0 to 2010 346.0	-3.93764 ± 0.11465	-0.02217	0.6
2010 280.0 to 2011 15.0	-3.95790 ± 0.07195	-0.04243	1.1
2010 314.0 to 2011 49.0	-3.96368 ± 0.05687	-0.04821	1.2
2010 348.0 to 2011 83.0	-4.06381 ± 0.03908	-0.14834	3.8
2011 17.0 to 2011 117.0	-4.12793 ± 0.03122	-0.21246	5.4
2011 51.0 to 2011 151.0	-4.12196 ± 0.03298	-0.20649	5.3
2011 85.0 to 2011 185.0	-4.04999 ± 0.05154	-0.13452	3.4
2011 119.0 to 2011 219.0	-3.94029 ± 0.07224	-0.02482	0.6
2011 153.0 to 2011 253.0	-3.91547 ± 0.05086	0.00000	-0.0
2011 187.0 to 2011 287.0	-3.53664 ± 0.14325	0.37883	-9.7
2011 221.0 to 2011 321.0	-3.65797 ± 0.10478	0.25750	-6.6
2011 255.0 to 2011 355.0	-3.97801 ± 0.05199	-0.06254	1.6
2011 289.0 to 2012 24.0	-4.03021 ± 0.04013	-0.11474	2.9

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 175.0 to 2009 275.0	9.52 ± 0.07	-145.8 ± 0.4	0.05	0.5
2009 199.0 to 2009 299.0	9.45 ± 0.05	-146.2 ± 0.3	0.06	0.7
2009 223.0 to 2009 323.0	9.46 ± 0.06	-145.9 ± 0.4	0.06	0.6
2009 247.0 to 2009 347.0	9.55 ± 0.10	-145.4 ± 0.6	0.12	1.3
2009 271.0 to 2010 6.0	9.48 ± 0.11	-145.8 ± 0.7	0.06	0.6
2009 305.0 to 2010 40.0	9.43 ± 0.07	-145.7 ± 0.4	0.10	1.1
2009 339.0 to 2010 74.0	9.35 ± 0.06	-147.0 ± 0.4	0.22	2.3
2010 8.0 to 2010 108.0	9.41 ± 0.06	-146.5 ± 0.4	0.12	1.3
2010 42.0 to 2010 142.0	9.31 ± 0.08	-147.2 ± 0.5	0.27	2.8
2010 76.0 to 2010 176.0	9.35 ± 0.09	-146.9 ± 0.6	0.21	2.2
2010 110.0 to 2010 210.0	9.45 ± 0.11	-148.4 ± 0.7	0.39	4.1
2010 144.0 to 2010 244.0	9.71 ± 0.17	-147.9 ± 1.0	0.36	3.8
2010 178.0 to 2010 278.0	9.67 ± 0.22	-148.6 ± 1.3	0.45	4.7
2010 212.0 to 2010 312.0	9.79 ± 0.22	-148.3 ± 1.3	0.46	4.9
2010 246.0 to 2010 346.0	9.75 ± 0.15	-148.0 ± 0.9	0.40	4.2
2010 280.0 to 2011 15.0	9.70 ± 0.08	-145.8 ± 0.5	0.20	2.1
2010 314.0 to 2011 49.0	9.65 ± 0.05	-145.7 ± 0.3	0.16	1.6
2010 348.0 to 2011 83.0	9.58 ± 0.04	-145.7 ± 0.2	0.10	1.0
2011 17.0 to 2011 117.0	9.51 ± 0.03	-146.1 ± 0.2	0.00	0.0
2011 51.0 to 2011 151.0	9.53 ± 0.03	-146.3 ± 0.2	0.04	0.4
2011 85.0 to 2011 185.0	9.59 ± 0.04	-146.9 ± 0.2	0.16	1.6
2011 119.0 to 2011 219.0	9.65 ± 0.05	-146.4 ± 0.3	0.15	1.6
2011 153.0 to 2011 253.0	9.65 ± 0.03	-146.1 ± 0.2	0.14	1.5
2011 187.0 to 2011 287.0	9.58 ± 0.09	-145.7 ± 0.5	0.10	1.0
2011 221.0 to 2011 321.0	9.50 ± 0.07	-145.6 ± 0.4	0.08	0.9
2011 255.0 to 2011 355.0	9.42 ± 0.04	-145.0 ± 0.2	0.20	2.1
2011 289.0 to 2012 24.0	9.42 ± 0.04	-145.3 ± 0.2	0.16	1.7

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 175.0 to 2009 275.0	4.09 ± 0.13	131.0 ± 1.8	0.44	11.2
2009 199.0 to 2009 299.0	4.18 ± 0.10	136.7 ± 1.4	0.23	5.7
2009 223.0 to 2009 323.0	4.24 ± 0.11	135.1 ± 1.5	0.32	8.0
2009 247.0 to 2009 347.0	4.25 ± 0.21	132.9 ± 2.8	0.42	10.6
2009 271.0 to 2010 6.0	4.52 ± 0.23	134.4 ± 2.9	0.60	15.1
2009 305.0 to 2010 40.0	4.48 ± 0.16	133.9 ± 2.0	0.57	14.5
2009 339.0 to 2010 74.0	4.57 ± 0.13	134.8 ± 1.6	0.64	16.1
2010 8.0 to 2010 108.0	4.32 ± 0.15	134.1 ± 2.0	0.42	10.7
2010 42.0 to 2010 142.0	4.02 ± 0.18	132.0 ± 2.6	0.36	9.0
2010 76.0 to 2010 176.0	3.98 ± 0.17	135.0 ± 2.4	0.14	3.6
2010 110.0 to 2010 210.0	3.62 ± 0.18	139.1 ± 2.8	0.36	9.1
2010 144.0 to 2010 244.0	3.76 ± 0.26	141.5 ± 4.0	0.36	9.1
2010 178.0 to 2010 278.0	4.59 ± 0.37	146.1 ± 4.6	0.93	23.4
2010 212.0 to 2010 312.0	5.04 ± 0.38	146.9 ± 4.3	1.33	33.6
2010 246.0 to 2010 346.0	4.29 ± 0.26	146.0 ± 3.5	0.73	18.4
2010 280.0 to 2011 15.0	4.27 ± 0.15	142.1 ± 2.0	0.48	12.2
2010 314.0 to 2011 49.0	3.98 ± 0.12	135.8 ± 1.7	0.09	2.2
2010 348.0 to 2011 83.0	3.84 ± 0.08	135.9 ± 1.2	0.14	3.5
2011 17.0 to 2011 117.0	3.87 ± 0.06	136.7 ± 0.9	0.09	2.2
2011 51.0 to 2011 151.0	3.88 ± 0.06	137.6 ± 0.9	0.08	2.1
2011 85.0 to 2011 185.0	3.92 ± 0.08	136.5 ± 1.2	0.05	1.3
2011 119.0 to 2011 219.0	3.93 ± 0.10	136.7 ± 1.5	0.03	0.8
2011 153.0 to 2011 253.0	3.84 ± 0.06	136.2 ± 0.9	0.13	3.2
2011 187.0 to 2011 287.0	3.90 ± 0.20	139.6 ± 2.9	0.18	4.7
2011 221.0 to 2011 321.0	3.80 ± 0.16	140.2 ± 2.4	0.26	6.7
2011 255.0 to 2011 355.0	3.73 ± 0.09	136.7 ± 1.4	0.23	5.7
2011 289.0 to 2012 24.0	3.73 ± 0.09	135.0 ± 1.4	0.26	6.6

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 175.0 to 2009 275.0	2.52 ± 0.55	-130.1 ± 12.5	1.99	51.6
2009 199.0 to 2009 299.0	3.41 ± 0.43	-72.1 ± 7.2	1.97	51.1
2009 223.0 to 2009 323.0	4.50 ± 0.69	-110.7 ± 8.8	0.86	22.2
2009 247.0 to 2009 347.0	3.08 ± 0.86	-95.0 ± 16.0	0.91	23.6
2009 271.0 to 2010 6.0	3.50 ± 0.96	-96.4 ± 15.7	0.55	14.2
2009 305.0 to 2010 40.0	3.15 ± 0.66	-90.7 ± 12.0	1.02	26.5
2009 339.0 to 2010 74.0	5.43 ± 0.54	-103.9 ± 5.7	1.57	40.7
2010 8.0 to 2010 108.0	6.12 ± 0.60	-101.3 ± 5.6	2.26	58.6
2010 42.0 to 2010 142.0	5.79 ± 0.74	-98.5 ± 7.3	1.96	50.8
2010 76.0 to 2010 176.0	6.29 ± 0.69	-80.3 ± 6.3	3.10	80.3
2010 110.0 to 2010 210.0	10.67 ± 0.77	-103.0 ± 4.1	6.81	176.4
2010 144.0 to 2010 244.0	7.11 ± 3.42	-54.3 ± 27.6	5.39	139.7
2010 178.0 to 2010 278.0	10.44 ± 1.57	-88.9 ± 8.6	6.76	175.0
2010 212.0 to 2010 312.0	8.84 ± 1.62	162.9 ± 10.5	9.91	256.6
2010 246.0 to 2010 346.0	6.19 ± 1.07	-114.8 ± 9.9	2.54	65.9
2010 280.0 to 2011 15.0	1.32 ± 0.62	132.3 ± 26.9	4.74	122.8
2010 314.0 to 2011 49.0	4.67 ± 0.50	-78.6 ± 6.1	1.96	50.7
2010 348.0 to 2011 83.0	4.60 ± 0.32	-97.9 ± 4.0	0.82	21.3
2011 17.0 to 2011 117.0	4.43 ± 0.24	-88.4 ± 3.1	1.18	30.6
2011 51.0 to 2011 151.0	3.46 ± 0.23	-87.4 ± 3.8	1.06	27.4
2011 85.0 to 2011 185.0	3.67 ± 0.35	-104.9 ± 5.5	0.24	6.1
2011 119.0 to 2011 219.0	2.83 ± 0.43	-77.9 ± 8.7	1.76	45.6
2011 153.0 to 2011 253.0	4.25 ± 0.25	-109.8 ± 3.4	0.63	16.3
2011 187.0 to 2011 287.0	2.52 ± 0.80	-79.3 ± 18.2	1.85	47.8
2011 221.0 to 2011 321.0	4.42 ± 0.66	-121.6 ± 8.6	1.46	37.8
2011 255.0 to 2011 355.0	3.20 ± 0.38	-109.7 ± 6.8	0.78	20.3
2011 289.0 to 2012 24.0	3.77 ± 0.35	-111.6 ± 5.3	0.59	15.3

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 175.0 to 2009 275.0	6.14 ± 0.29	22.3 ± 2.7	1.61	32.7
2009 199.0 to 2009 299.0	4.70 ± 0.20	28.9 ± 2.4	0.44	8.9
2009 223.0 to 2009 323.0	3.05 ± 0.32	38.6 ± 6.0	1.91	38.8
2009 247.0 to 2009 347.0	4.24 ± 0.39	43.6 ± 5.3	1.07	21.6
2009 271.0 to 2010 6.0	5.00 ± 0.43	26.0 ± 4.9	0.64	13.1
2009 305.0 to 2010 40.0	4.73 ± 0.29	43.1 ± 3.5	0.84	17.1
2009 339.0 to 2010 74.0	5.52 ± 0.23	44.7 ± 2.4	1.19	24.1
2010 8.0 to 2010 108.0	4.91 ± 0.25	37.4 ± 2.9	0.35	7.0
2010 42.0 to 2010 142.0	5.43 ± 0.33	35.2 ± 3.5	0.53	10.7
2010 76.0 to 2010 176.0	5.53 ± 0.34	31.0 ± 3.5	0.64	13.0
2010 110.0 to 2010 210.0	11.22 ± 0.44	33.8 ± 2.2	6.29	127.7
2010 144.0 to 2010 244.0	9.62 ± 1.43	44.8 ± 8.5	4.89	99.2
2010 178.0 to 2010 278.0	7.31 ± 0.88	40.6 ± 6.9	2.50	50.7
2010 212.0 to 2010 312.0	8.82 ± 0.86	8.2 ± 5.6	4.84	98.2
2010 246.0 to 2010 346.0	7.49 ± 0.58	44.0 ± 4.4	2.80	56.8
2010 280.0 to 2011 15.0	1.52 ± 0.30	29.1 ± 11.3	3.41	69.3
2010 314.0 to 2011 49.0	5.02 ± 0.22	32.7 ± 2.5	0.11	2.2
2010 348.0 to 2011 83.0	4.78 ± 0.14	34.5 ± 1.7	0.18	3.6
2011 17.0 to 2011 117.0	4.93 ± 0.11	34.4 ± 1.3	0.09	1.8
2011 51.0 to 2011 151.0	4.68 ± 0.11	29.4 ± 1.3	0.42	8.4
2011 85.0 to 2011 185.0	4.99 ± 0.16	33.7 ± 1.8	0.07	1.4
2011 119.0 to 2011 219.0	4.34 ± 0.20	30.0 ± 2.6	0.65	13.2
2011 153.0 to 2011 253.0	5.21 ± 0.13	26.7 ± 1.4	0.65	13.3
2011 187.0 to 2011 287.0	4.75 ± 0.34	30.6 ± 4.1	0.29	6.0
2011 221.0 to 2011 321.0	4.58 ± 0.28	36.3 ± 3.5	0.42	8.6
2011 255.0 to 2011 355.0	3.81 ± 0.17	37.1 ± 2.6	1.15	23.4
2011 289.0 to 2012 24.0	4.98 ± 0.16	23.5 ± 1.8	0.86	17.4