B944CH2 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	-6.82391 ± 0.07369	-0.25493	3.9
2009 199.0 to 2009 299.0	-6.63638 ± 0.08234	-0.06740	1.0
2009 223.0 to 2009 323.0	-6.10201 ± 0.09388	0.46697	-7.1
2009 247.0 to 2009 347.0	-6.19826 ± 0.09158	0.37072	-5.6
2009 271.0 to 2010 6.0	-6.11156 ± 0.10073	0.45742	-7.0
2009 305.0 to 2010 40.0	-5.74259 ± 0.08852	0.82639	-12.6
2009 339.0 to 2010 74.0	-5.82266 ± 0.08641	0.74632	-11.4
2010 8.0 to 2010 108.0	-5.58430 ± 0.08280	0.98468	-15.0
2010 42.0 to 2010 142.0	-5.45735 ± 0.09287	1.11163	-16.9
2010 76.0 to 2010 176.0	-5.57933 ± 0.09286	0.98965	-15.1
2010 110.0 to 2010 210.0	-5.50136 ± 0.10176	1.06762	-16.3
2010 144.0 to 2010 244.0	-5.65671 ± 0.12018	0.91227	-13.9
2010 178.0 to 2010 278.0	-6.49910 ± 0.06155	0.06988	-1.1
2010 212.0 to 2010 312.0	-6.49044 ± 0.06232	0.07854	-1.2
2010 246.0 to 2010 346.0	-6.70586 ± 0.05804	-0.13688	2.1
2010 280.0 to 2011 15.0	-6.91084 ± 0.06353	-0.34186	5.2
2010 314.0 to 2011 49.0	-7.01348 ± 0.04971	-0.44450	6.8
2010 348.0 to 2011 83.0	-7.08550 ± 0.04726	-0.51652	7.9
2011 17.0 to 2011 117.0	-7.11589 ± 0.05237	-0.54691	8.3
2011 51.0 to 2011 151.0	-7.06696 ± 0.06260	-0.49798	7.6
2011 85.0 to 2011 185.0	-6.94056 ± 0.07566	-0.37158	5.7
2011 119.0 to 2011 219.0	-6.80350 ± 0.07287	-0.23452	3.6
2011 153.0 to 2011 253.0	-6.61686 ± 0.07648	-0.04788	0.7
2011 187.0 to 2011 287.0	-6.56898 ± 0.06677	0.00000	-0.0
2011 221.0 to 2011 321.0	-6.47747 ± 0.06300	0.09151	-1.4
2011 255.0 to 2011 355.0	-6.84882 ± 0.05894	-0.27984	4.3
2011 289.0 to 2012 24.0	-6.99866 ± 0.06108	-0.42968	6.5

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	1.15 ± 0.06	101.9 ± 3.0	0.08	6.7
2009 199.0 to 2009 299.0	1.17 ± 0.06	99.4 ± 2.9	0.02	2.1
2009 223.0 to 2009 323.0	1.15 ± 0.07	100.6 ± 3.5	0.05	4.6
2009 247.0 to 2009 347.0	1.05 ± 0.09	98.1 ± 4.9	0.12	10.4
2009 271.0 to 2010 6.0	1.18 ± 0.10	92.7 ± 4.9	0.11	9.6
2009 305.0 to 2010 40.0	1.22 ± 0.08	87.4 ± 3.8	0.23	19.6
2009 339.0 to 2010 74.0	1.31 ± 0.07	93.5 ± 3.1	0.17	14.6
2010 8.0 to 2010 108.0	1.13 ± 0.08	94.4 ± 4.1	0.09	7.4
2010 42.0 to 2010 142.0	1.12 ± 0.09	94.6 ± 4.6	0.09	7.6
2010 76.0 to 2010 176.0	1.11 ± 0.09	93.2 ± 4.6	0.12	10.0
2010 110.0 to 2010 210.0	1.22 ± 0.09	95.6 ± 4.2	0.07	6.2
2010 144.0 to 2010 244.0	1.20 ± 0.09	95.1 ± 4.3	0.07	6.0
2010 178.0 to 2010 278.0	1.18 ± 0.05	98.4 ± 2.4	0.01	0.8
2010 212.0 to 2010 312.0	1.16 ± 0.05	102.6 ± 2.5	0.09	7.7
2010 246.0 to 2010 346.0	1.19 ± 0.05	103.6 ± 2.4	0.11	9.6
2010 280.0 to 2011 15.0	1.22 ± 0.06	103.1 ± 2.8	0.11	9.7
2010 314.0 to 2011 49.0	1.21 ± 0.05	100.1 ± 2.4	0.06	4.7
2010 348.0 to 2011 83.0	1.20 ± 0.04	98.0 ± 1.9	0.03	2.4
2011 17.0 to 2011 117.0	1.26 ± 0.05	96.3 ± 2.3	0.10	8.3
2011 51.0 to 2011 151.0	1.25 ± 0.05	97.3 ± 2.3	0.08	6.9
2011 85.0 to 2011 185.0	1.22 ± 0.05	98.9 ± 2.3	0.05	4.3
2011 119.0 to 2011 219.0	1.09 ± 0.05	101.0 ± 2.6	0.10	8.4
2011 153.0 to 2011 253.0	1.08 ± 0.05	102.7 ± 2.7	0.13	10.9
2011 187.0 to 2011 287.0	1.10 ± 0.05	101.1 ± 2.6	0.09	7.9
2011 221.0 to 2011 321.0	1.18 ± 0.04	100.6 ± 1.9	0.05	4.3
2011 255.0 to 2011 355.0	1.23 ± 0.05	96.8 ± 2.3	0.07	5.6
2011 289.0 to 2012 24.0	1.16 ± 0.06	95.7 ± 3.0	0.05	4.4

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	1.10 ± 0.10	128.6 ± 5.2	0.16	12.4
2009 199.0 to 2009 299.0	1.15 ± 0.12	132.3 ± 6.0	0.12	9.3
2009 223.0 to 2009 323.0	1.27 ± 0.13	131.1 ± 5.9	0.03	2.7
2009 247.0 to 2009 347.0	1.32 ± 0.17	125.3 ± 7.4	0.12	9.6
2009 271.0 to 2010 6.0	1.63 ± 0.20	131.8 ± 7.0	0.38	30.3
2009 305.0 to 2010 40.0	1.65 ± 0.16	136.4 ± 5.6	0.43	34.3
2009 339.0 to 2010 74.0	1.73 ± 0.15	135.3 ± 5.0	0.50	39.6
2010 8.0 to 2010 108.0	1.49 ± 0.16	132.7 ± 6.2	0.25	19.7
2010 42.0 to 2010 142.0	1.63 ± 0.19	114.9 ± 6.7	0.53	42.1
2010 76.0 to 2010 176.0	1.46 ± 0.19	124.4 ± 7.5	0.24	19.3
2010 110.0 to 2010 210.0	1.22 ± 0.17	127.8 ± 8.0	0.05	4.3
2010 144.0 to 2010 244.0	1.07 ± 0.18	145.9 ± 9.6	0.37	29.8
2010 178.0 to 2010 278.0	1.22 ± 0.09	131.6 ± 4.2	0.05	4.2
2010 212.0 to 2010 312.0	1.18 ± 0.10	130.3 ± 4.9	0.07	6.0
2010 246.0 to 2010 346.0	1.27 ± 0.10	132.5 ± 4.5	0.06	5.0
2010 280.0 to 2011 15.0	1.33 ± 0.13	137.1 ± 5.6	0.18	14.5
2010 314.0 to 2011 49.0	1.40 ± 0.11	129.6 ± 4.5	0.15	11.7
2010 348.0 to 2011 83.0	1.23 ± 0.10	122.7 ± 4.7	0.15	12.3
2011 17.0 to 2011 117.0	1.15 ± 0.10	124.1 ± 5.0	0.16	12.6
2011 51.0 to 2011 151.0	1.15 ± 0.11	126.8 ± 5.5	0.12	9.6
2011 85.0 to 2011 185.0	1.21 ± 0.12	131.5 ± 5.7	0.06	4.6
2011 119.0 to 2011 219.0	1.37 ± 0.10	132.5 ± 4.2	0.13	10.5
2011 153.0 to 2011 253.0	1.36 ± 0.10	128.0 ± 4.2	0.11	9.0
2011 187.0 to 2011 287.0	1.28 ± 0.09	127.8 ± 4.0	0.05	4.0
2011 221.0 to 2011 321.0	1.10 ± 0.09	124.3 ± 4.7	0.19	15.2
2011 255.0 to 2011 355.0	1.21 ± 0.11	127.3 ± 5.2	0.07	5.5
2011 289.0 to 2012 24.0	1.26 ± 0.14	116.6 ± 6.4	0.29	23.0

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	1.15 ± 0.42	-73.0 ± 20.9	1.54	78.9
2009 199.0 to 2009 299.0	0.21 ± 0.50	29.9 ± 136.4	2.15	109.8
2009 223.0 to 2009 323.0	2.04 ± 0.79	-115.1 ± 22.2	0.36	18.3
2009 247.0 to 2009 347.0	1.15 ± 0.72	167.3 ± 35.9	1.85	94.8
2009 271.0 to 2010 6.0	1.03 ± 0.82	132.3 ± 45.6	2.40	122.8
2009 305.0 to 2010 40.0	2.12 ± 0.68	-159.9 ± 18.4	1.23	63.0
2009 339.0 to 2010 74.0	4.58 ± 0.61	-116.8 ± 7.6	2.66	136.3
2010 8.0 to 2010 108.0	4.72 ± 0.66	-138.0 ± 8.0	2.85	145.9
2010 42.0 to 2010 142.0	3.63 ± 0.78	-107.8 ± 12.3	1.86	95.1
2010 76.0 to 2010 176.0	4.63 ± 0.78	-76.5 ± 9.7	3.64	186.6
2010 110.0 to 2010 210.0	4.08 ± 0.71	-113.2 ± 10.0	2.21	112.9
2010 144.0 to 2010 244.0	1.83 ± 2.40	24.9 ± 75.1	3.65	187.1
2010 178.0 to 2010 278.0	3.23 ± 0.38	-122.9 ± 6.7	1.28	65.6
2010 212.0 to 2010 312.0	2.84 ± 0.41	-168.4 ± 8.3	1.95	100.0
2010 246.0 to 2010 346.0	1.81 ± 0.43	-109.4 ± 13.6	0.53	27.2
2010 280.0 to 2011 15.0	2.38 ± 0.52	-137.8 ± 12.5	0.64	32.8
2010 314.0 to 2011 49.0	1.62 ± 0.44	-80.0 ± 15.6	1.40	71.8
2010 348.0 to 2011 83.0	2.32 ± 0.41	-127.0 ± 10.1	0.37	19.1
2011 17.0 to 2011 117.0	1.78 ± 0.43	-81.0 ± 13.8	1.41	72.2
2011 51.0 to 2011 151.0	0.58 ± 0.46	-141.3 ± 45.4	1.41	72.0
2011 85.0 to 2011 185.0	2.23 ± 0.50	-116.5 ± 12.8	0.42	21.3
2011 119.0 to 2011 219.0	1.55 ± 0.43	128.5 ± 15.9	2.82	144.2
2011 153.0 to 2011 253.0	3.18 ± 0.40	-120.2 ± 7.2	1.25	63.7
2011 187.0 to 2011 287.0	2.84 ± 0.36	166.2 ± 7.3	2.80	143.5
2011 221.0 to 2011 321.0	2.99 ± 0.39	-143.8 ± 7.5	1.30	66.7
2011 255.0 to 2011 355.0	3.07 ± 0.44	-159.1 ± 8.2	1.82	93.0
2011 289.0 to 2012 24.0	1.22 ± 0.55	-175.7 ± 25.8	1.51	77.3

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	1.05 ± 0.23	-149.0 ± 12.6	0.96	176.5
2009 199.0 to 2009 299.0	0.54 ± 0.25	-90.0 ± 26.5	0.06	11.1
2009 223.0 to 2009 323.0	2.03 ± 0.35	-151.1 ± 9.9	1.89	347.2
2009 247.0 to 2009 347.0	1.38 ± 0.36	175.5 ± 14.9	1.58	289.6
2009 271.0 to 2010 6.0	0.84 ± 0.40	-69.8 ± 27.3	0.34	62.1
2009 305.0 to 2010 40.0	0.43 ± 0.32	159.5 ± 42.6	0.83	152.9
2009 339.0 to 2010 74.0	1.58 ± 0.28	96.2 ± 10.2	2.12	390.4
2010 8.0 to 2010 108.0	0.45 ± 0.30	129.6 ± 38.2	0.95	175.1
2010 42.0 to 2010 142.0	0.93 ± 0.36	-52.4 ± 22.2	0.54	99.9
2010 76.0 to 2010 176.0	1.34 ± 0.37	16.0 ± 15.8	1.53	280.9
2010 110.0 to 2010 210.0	1.27 ± 0.34	1.8 ± 15.3	1.34	246.5
2010 144.0 to 2010 244.0	1.32 ± 0.80	-71.4 ± 34.7	0.80	146.4
2010 178.0 to 2010 278.0	1.14 ± 0.18	-72.2 ± 9.0	0.62	113.2
2010 212.0 to 2010 312.0	0.91 ± 0.18	-68.8 ± 11.3	0.41	75.1
2010 246.0 to 2010 346.0	0.60 ± 0.18	-128.9 ± 17.2	0.44	81.5
2010 280.0 to 2011 15.0	1.52 ± 0.22	-93.3 ± 8.3	0.99	181.5
2010 314.0 to 2011 49.0	0.32 ± 0.19	-60.2 ± 34.0	0.28	51.6
2010 348.0 to 2011 83.0	0.19 ± 0.17	-71.5 ± 51.3	0.36	66.3
2011 17.0 to 2011 117.0	0.38 ± 0.18	-93.0 ± 27.1	0.18	33.1
2011 51.0 to 2011 151.0	1.17 ± 0.19	-64.7 ± 9.3	0.68	124.7
2011 85.0 to 2011 185.0	0.26 ± 0.21	-8.7 ± 46.3	0.54	99.0
2011 119.0 to 2011 219.0	1.07 ± 0.18	-98.6 ± 9.6	0.56	103.3
2011 153.0 to 2011 253.0	1.83 ± 0.19	-66.8 ± 5.9	1.32	242.3
2011 187.0 to 2011 287.0	0.78 ± 0.18	-51.8 ± 13.2	0.43	78.7
2011 221.0 to 2011 321.0	0.38 ± 0.17	-123.3 ± 25.6	0.35	64.2
2011 255.0 to 2011 355.0	1.25 ± 0.19	-152.7 ± 8.7	1.17	215.3
2011 289.0 to 2012 24.0	1.66 ± 0.23	-73.9 ± 7.9	1.13	207.2