B944CH0 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	-12.64254 ± 0.18720	-0.74556	6.3
2009 199.0 to 2009 299.0	-12.12630 ± 0.19819	-0.22932	1.9
2009 223.0 to 2009 323.0	-11.58555 ± 0.20978	0.31143	-2.6
2009 247.0 to 2009 347.0	-11.30283 ± 0.19036	0.59415	-5.0
2009 271.0 to 2010 6.0	-11.10880 ± 0.20789	0.78818	-6.6
2009 305.0 to 2010 40.0	-10.61392 ± 0.19414	1.28306	-10.8
2009 339.0 to 2010 74.0	-10.72222 ± 0.19365	1.17476	-9.9
2010 8.0 to 2010 108.0	-10.04354 ± 0.18733	1.85344	-15.6
2010 42.0 to 2010 142.0	-9.80500 ± 0.19804	2.09198	-17.6
2010 76.0 to 2010 176.0	-10.25562 ± 0.20252	1.64136	-13.8
2010 110.0 to 2010 210.0	-10.26976 ± 0.22046	1.62722	-13.7
2010 144.0 to 2010 244.0	-10.51760 ± 0.27214	1.37938	-11.6
2010 178.0 to 2010 278.0	-11.85313 ± 0.19747	0.04385	-0.4
2010 212.0 to 2010 312.0	-11.81557 ± 0.19631	0.08141	-0.7
2010 246.0 to 2010 346.0	-12.45084 ± 0.18330	-0.55386	4.7
2010 280.0 to 2011 15.0	-12.71137 ± 0.20348	-0.81439	6.8
2010 314.0 to 2011 49.0	-12.95689 ± 0.16194	-1.05991	8.9
2010 348.0 to 2011 83.0	-13.03457 ± 0.16840	-1.13759	9.6
2011 17.0 to 2011 117.0	-13.11726 ± 0.16927	-1.22028	10.3
2011 51.0 to 2011 151.0	-12.94389 ± 0.19945	-1.04691	8.8
2011 85.0 to 2011 185.0	-12.86583 ± 0.23060	-0.96885	8.1
2011 119.0 to 2011 219.0	-12.67924 ± 0.23759	-0.78226	6.6
2011 153.0 to 2011 253.0	-12.42878 ± 0.22850	-0.53180	4.5
2011 187.0 to 2011 287.0	-11.57910 ± 0.20074	0.31788	-2.7
2011 221.0 to 2011 321.0	-11.89698 ± 0.17438	0.00000	-0.0
2011 255.0 to 2011 355.0	-12.44327 ± 0.18102	-0.54629	4.6
2011 289.0 to 2012 24.0	-12.85526 ± 0.19246	-0.95828	8.1

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	22.06 ± 0.12	34.3 ± 0.3	0.84	3.7
2009 199.0 to 2009 299.0	22.27 ± 0.13	34.1 ± 0.3	0.61	2.7
2009 223.0 to 2009 323.0	22.25 ± 0.15	34.5 ± 0.4	0.69	3.0
2009 247.0 to 2009 347.0	22.30 ± 0.16	34.1 ± 0.4	0.59	2.6
2009 271.0 to 2010 6.0	22.60 ± 0.18	34.1 ± 0.5	0.31	1.4
2009 305.0 to 2010 40.0	22.87 ± 0.17	33.7 ± 0.4	0.02	0.1
2009 339.0 to 2010 74.0	22.74 ± 0.15	33.6 ± 0.4	0.12	0.5
2010 8.0 to 2010 108.0	22.53 ± 0.16	33.2 ± 0.4	0.38	1.6
2010 42.0 to 2010 142.0	22.53 ± 0.18	32.9 ± 0.5	0.45	2.0
2010 76.0 to 2010 176.0	22.74 ± 0.19	32.9 ± 0.5	0.33	1.4
2010 110.0 to 2010 210.0	22.88 ± 0.18	33.5 ± 0.5	0.07	0.3
2010 144.0 to 2010 244.0	22.94 ± 0.21	33.5 ± 0.5	0.10	0.5
2010 178.0 to 2010 278.0	22.79 ± 0.13	33.9 ± 0.3	0.12	0.5
2010 212.0 to 2010 312.0	22.60 ± 0.13	34.1 ± 0.3	0.31	1.4
2010 246.0 to 2010 346.0	22.72 ± 0.15	34.3 ± 0.4	0.29	1.3
2010 280.0 to 2011 15.0	22.78 ± 0.18	34.2 ± 0.5	0.23	1.0
2010 314.0 to 2011 49.0	22.91 ± 0.16	34.0 ± 0.4	0.14	0.6
2010 348.0 to 2011 83.0	22.90 ± 0.16	33.7 ± 0.4	0.04	0.2
2011 17.0 to 2011 117.0	23.00 ± 0.15	33.8 ± 0.4	0.15	0.7
2011 51.0 to 2011 151.0	23.00 ± 0.16	33.5 ± 0.4	0.15	0.7
2011 85.0 to 2011 185.0	23.01 ± 0.17	33.1 ± 0.4	0.27	1.2
2011 119.0 to 2011 219.0	23.02 ± 0.15	32.8 ± 0.4	0.38	1.7
2011 153.0 to 2011 253.0	23.08 ± 0.14	33.2 ± 0.3	0.29	1.3
2011 187.0 to 2011 287.0	23.10 ± 0.14	33.8 ± 0.3	0.25	1.1
2011 221.0 to 2011 321.0	23.04 ± 0.12	34.0 ± 0.3	0.23	1.0
2011 255.0 to 2011 355.0	23.24 ± 0.15	34.4 ± 0.4	0.48	2.1
2011 289.0 to 2012 24.0	23.19 ± 0.19	33.4 ± 0.5	0.35	1.5

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	10.22 ± 0.21	-39.0 ± 1.2	0.78	8.2
2009 199.0 to 2009 299.0	10.03 ± 0.26	-38.3 ± 1.5	0.56	5.8
2009 223.0 to 2009 323.0	9.77 ± 0.30	-37.9 ± 1.8	0.30	3.2
2009 247.0 to 2009 347.0	9.75 ± 0.33	-36.7 ± 1.9	0.20	2.1
2009 271.0 to 2010 6.0	9.43 ± 0.38	-37.2 ± 2.3	0.15	1.5
2009 305.0 to 2010 40.0	9.36 ± 0.35	-41.4 ± 2.1	0.80	8.4
2009 339.0 to 2010 74.0	9.28 ± 0.33	-41.4 ± 2.0	0.82	8.6
2010 8.0 to 2010 108.0	9.47 ± 0.35	-40.4 ± 2.1	0.62	6.5
2010 42.0 to 2010 142.0	9.67 ± 0.39	-32.7 ± 2.3	0.68	7.1
2010 76.0 to 2010 176.0	9.87 ± 0.40	-36.3 ± 2.3	0.33	3.4
2010 110.0 to 2010 210.0	10.36 ± 0.36	-38.6 ± 2.0	0.88	9.2
2010 144.0 to 2010 244.0	10.37 ± 0.40	-42.4 ± 2.2	1.29	13.5
2010 178.0 to 2010 278.0	9.75 ± 0.27	-37.8 ± 1.6	0.28	2.9
2010 212.0 to 2010 312.0	9.66 ± 0.29	-36.2 ± 1.7	0.14	1.4
2010 246.0 to 2010 346.0	9.49 ± 0.32	-36.3 ± 1.9	0.08	0.9
2010 280.0 to 2011 15.0	9.42 ± 0.40	-38.1 ± 2.4	0.27	2.8
2010 314.0 to 2011 49.0	9.17 ± 0.34	-36.5 ± 2.1	0.38	4.0
2010 348.0 to 2011 83.0	9.69 ± 0.35	-35.5 ± 2.1	0.24	2.5
2011 17.0 to 2011 117.0	9.67 ± 0.33	-36.1 ± 2.0	0.16	1.6
2011 51.0 to 2011 151.0	9.64 ± 0.36	-35.5 ± 2.1	0.22	2.3
2011 85.0 to 2011 185.0	9.41 ± 0.37	-36.1 ± 2.3	0.17	1.7
2011 119.0 to 2011 219.0	9.21 ± 0.32	-36.1 ± 2.0	0.35	3.7
2011 153.0 to 2011 253.0	9.05 ± 0.27	-35.0 ± 1.7	0.57	5.9
2011 187.0 to 2011 287.0	9.08 ± 0.25	-34.2 ± 1.6	0.62	6.4
2011 221.0 to 2011 321.0	9.12 ± 0.25	-34.2 ± 1.6	0.59	6.1
2011 255.0 to 2011 355.0	8.67 ± 0.31	-34.6 ± 2.0	0.94	9.8
2011 289.0 to 2012 24.0	9.06 ± 0.41	-32.0 ± 2.6	0.90	9.4

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	10.82 ± 0.88	112.8 ± 4.7	0.19	1.7
2009 199.0 to 2009 299.0	13.02 ± 1.11	101.5 ± 4.9	3.37	31.2
2009 223.0 to 2009 323.0	7.28 ± 1.80	98.9 ± 14.2	4.21	38.9
2009 247.0 to 2009 347.0	12.21 ± 1.36	114.5 ± 6.4	1.41	13.1
2009 271.0 to 2010 6.0	15.19 ± 1.55	106.7 ± 5.8	4.66	43.2
2009 305.0 to 2010 40.0	12.97 ± 1.46	106.6 ± 6.4	2.63	24.3
2009 339.0 to 2010 74.0	6.18 ± 1.34	145.6 ± 12.4	6.44	59.6
2010 8.0 to 2010 108.0	13.24 ± 1.44	134.5 ± 6.2	4.94	45.8
2010 42.0 to 2010 142.0	9.00 ± 1.60	102.3 ± 10.2	2.67	24.7
2010 76.0 to 2010 176.0	2.89 ± 1.63	104.8 ± 32.3	7.96	73.7
2010 110.0 to 2010 210.0	7.85 ± 1.48	127.2 ± 10.8	3.65	33.8
2010 144.0 to 2010 244.0	15.97 ± 5.22	80.9 ± 18.7	9.05	83.8
2010 178.0 to 2010 278.0	7.44 ± 1.12	127.5 ± 8.6	3.99	36.9
2010 212.0 to 2010 312.0	12.58 ± 1.19	128.2 ± 5.4	3.42	31.7
2010 246.0 to 2010 346.0	9.55 ± 1.32	103.2 ± 7.9	2.25	20.9
2010 280.0 to 2011 15.0	9.74 ± 1.63	117.6 ± 9.6	1.26	11.7
2010 314.0 to 2011 49.0	10.57 ± 1.40	91.1 ± 7.6	4.21	39.0
2010 348.0 to 2011 83.0	9.98 ± 1.41	114.8 ± 8.1	0.84	7.8
2011 17.0 to 2011 117.0	10.28 ± 1.35	90.3 ± 7.5	4.32	40.0
2011 51.0 to 2011 151.0	11.94 ± 1.45	102.3 ± 7.0	2.54	23.5
2011 85.0 to 2011 185.0	9.80 ± 1.49	119.6 ± 8.7	1.45	13.4
2011 119.0 to 2011 219.0	14.65 ± 1.30	107.3 ± 5.1	4.10	38.0
2011 153.0 to 2011 253.0	9.66 ± 1.11	144.6 ± 6.6	5.55	51.4
2011 187.0 to 2011 287.0	14.53 ± 1.05	130.0 ± 4.1	5.14	47.5
2011 221.0 to 2011 321.0	9.89 ± 1.03	133.7 ± 6.0	3.69	34.2
2011 255.0 to 2011 355.0	12.37 ± 1.28	125.3 ± 5.9	2.80	25.9
2011 289.0 to 2012 24.0	11.01 ± 1.67	92.8 ± 8.7	3.98	36.8

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	12.29 ± 0.48	-149.2 ± 2.2	1.04	9.2
2009 199.0 to 2009 299.0	11.50 ± 0.53	-147.0 ± 2.6	0.13	1.1
2009 223.0 to 2009 323.0	13.41 ± 0.78	-150.8 ± 3.3	2.21	19.4
2009 247.0 to 2009 347.0	12.70 ± 0.63	-154.8 ± 2.8	2.15	18.9
2009 271.0 to 2010 6.0	11.37 ± 0.70	-146.8 ± 3.5	0.04	0.3
2009 305.0 to 2010 40.0	11.20 ± 0.67	-146.7 ± 3.4	0.19	1.7
2009 339.0 to 2010 74.0	9.81 ± 0.61	-160.2 ± 3.6	2.95	25.9
2010 8.0 to 2010 108.0	11.54 ± 0.64	-158.1 ± 3.2	2.29	20.1
2010 42.0 to 2010 142.0	10.53 ± 0.72	-138.3 ± 3.9	1.81	15.9
2010 76.0 to 2010 176.0	9.71 ± 0.75	-147.2 ± 4.4	1.68	14.8
2010 110.0 to 2010 210.0	8.94 ± 0.71	-145.3 ± 4.6	2.46	21.6
2010 144.0 to 2010 244.0	11.85 ± 1.81	-135.0 ± 8.8	2.40	21.1
2010 178.0 to 2010 278.0	10.59 ± 0.53	-140.7 ± 2.9	1.39	12.2
2010 212.0 to 2010 312.0	11.91 ± 0.53	-143.3 ± 2.5	0.86	7.5
2010 246.0 to 2010 346.0	12.29 ± 0.58	-149.1 ± 2.7	1.03	9.1
2010 280.0 to 2011 15.0	12.28 ± 0.70	-139.6 ± 3.3	1.70	15.0
2010 314.0 to 2011 49.0	11.38 ± 0.62	-146.9 ± 3.1	0.05	0.5
2010 348.0 to 2011 83.0	10.76 ± 0.62	-149.9 ± 3.3	0.89	7.8
2011 17.0 to 2011 117.0	11.42 ± 0.59	-148.5 ± 3.0	0.37	3.3
2011 51.0 to 2011 151.0	11.35 ± 0.63	-139.3 ± 3.2	1.46	12.8
2011 85.0 to 2011 185.0	10.74 ± 0.65	-151.6 ± 3.5	1.16	10.2
2011 119.0 to 2011 219.0	13.02 ± 0.59	-140.9 ± 2.6	2.04	17.9
2011 153.0 to 2011 253.0	11.41 ± 0.56	-134.0 ± 2.8	2.51	22.0
2011 187.0 to 2011 287.0	10.68 ± 0.54	-144.0 ± 2.9	0.87	7.7
2011 221.0 to 2011 321.0	11.97 ± 0.49	-148.5 ± 2.3	0.69	6.1
2011 255.0 to 2011 355.0	10.93 ± 0.57	-150.7 ± 3.0	0.91	8.0
2011 289.0 to 2012 24.0	13.37 ± 0.73	-138.1 ± 3.1	2.70	23.7