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	-0.51624	4.3
2009 199.0 to 2009 299.0	-12.12630 ± 0.19819	0.00000	-0.0
2009 223.0 to 2009 323.0	-11.58555 ± 0.20978	0.54075	-4.5
2009 247.0 to 2009 347.0	-11.30283 ± 0.19036	0.82347	-6.8
2009 271.0 to 2010 6.0	-11.10880 ± 0.20789	1.01750	-8.4
2009 305.0 to 2010 40.0	-10.61392 ± 0.19414	1.51238	-12.5
2009 339.0 to 2010 74.0	-10.72222 ± 0.19365	1.40408	-11.6
2010 8.0 to 2010 108.0	-10.04354 ± 0.18733	2.08276	-17.2
2010 42.0 to 2010 142.0	-9.80500 ± 0.19804	2.32130	-19.1
2010 76.0 to 2010 176.0	-10.25562 ± 0.20252	1.87068	-15.4
2010 110.0 to 2010 210.0	-10.26976 ± 0.22046	1.85654	-15.3
2010 144.0 to 2010 244.0	-10.51760 ± 0.27214	1.60870	-13.3
2010 178.0 to 2010 278.0	-11.85313 ± 0.19747	0.27317	-2.3
2010 212.0 to 2010 312.0	-11.81557 ± 0.19631	0.31073	-2.6
2010 246.0 to 2010 346.0	-12.45084 ± 0.18330	-0.32454	2.7
2010 280.0 to 2011 15.0	-12.71137 ± 0.20348	-0.58507	4.8
2010 314.0 to 2011 49.0	-12.95689 ± 0.16194	-0.83059	6.8
2010 348.0 to 2011 83.0	-13.03457 ± 0.16840	-0.90827	7.5
2011 17.0 to 2011 117.0	-13.11726 ± 0.16927	-0.99096	8.2
2011 51.0 to 2011 151.0	-12.94389 ± 0.19945	-0.81759	6.7
2011 85.0 to 2011 185.0	-12.86583 ± 0.23060	-0.73953	6.1
2011 119.0 to 2011 219.0	-12.67924 ± 0.23759	-0.55294	4.6
2011 153.0 to 2011 253.0	-12.42878 ± 0.22850	-0.30248	2.5
2011 187.0 to 2011 287.0	-11.57910 ± 0.20074	0.54720	-4.5
2011 221.0 to 2011 321.0	-11.89698 ± 0.17438	0.22932	-1.9
2011 255.0 to 2011 355.0	-12.44327 ± 0.18102	-0.31697	2.6
2011 289.0 to 2012 24.0	-12.85526 ± 0.19246	-0.72896	6.0
2011 340.0 to 2012 75.0	-12.76035 ± 0.17852	-0.63405	5.2
2012 9.0 to 2012 109.0	-12.77652 ± 0.18197	-0.65022	5.4
2012 43.0 to 2012 143.0	-12.67543 ± 0.21230	-0.54913	4.5
2012 77.0 to 2012 177.0	-12.94572 ± 0.20363	-0.81942	6.8
2012 118.0 to 2012 218.0	-12.94691 ± 0.20439	-0.82061	6.8
2012 159.0 to 2012 259.0	-11.36407 ± 0.20115	0.76223	-6.3
2012 200.0 to 2012 300.0	-11.05424 ± 0.16141	1.07206	-8.8
2012 241.0 to 2012 341.0	-11.96587 ± 0.14687	0.16043	-1.3
2012 282.0 to 2013 16.0	-12.36553 ± 0.16979	-0.23923	2.0
2012 323.0 to 2013 57.0	-12.16664 ± 0.17661	-0.04034	0.3
2012 364.0 to 2013 98.0	-11.92757 ± 0.19254	0.19873	-1.6
2013 39.0 to 2013 139.0	-11.70800 ± 0.19681	0.41830	-3.4

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	0.92	4.0
2009 199.0 to 2009 299.0	22.27 ± 0.13	34.1 ± 0.3	0.70	3.0
2009 223.0 to 2009 323.0	22.25 ± 0.15	34.5 ± 0.4	0.78	3.4
2009 247.0 to 2009 347.0	22.30 ± 0.16	34.1 ± 0.4	0.67	2.9
2009 271.0 to 2010 6.0	22.60 ± 0.18	34.1 ± 0.5	0.40	1.7
2009 305.0 to 2010 40.0	22.87 ± 0.17	33.7 ± 0.4	0.09	0.4
2009 339.0 to 2010 74.0	22.74 ± 0.15	33.6 ± 0.4	0.19	0.8
2010 8.0 to 2010 108.0	22.53 ± 0.16	33.2 ± 0.4	0.42	1.9
2010 42.0 to 2010 142.0	22.53 ± 0.18	32.9 ± 0.5	0.48	2.1
2010 76.0 to 2010 176.0	22.74 ± 0.19	32.9 ± 0.5	0.32	1.4
2010 110.0 to 2010 210.0	22.88 ± 0.18	33.5 ± 0.5	0.06	0.2
2010 144.0 to 2010 244.0	22.94 ± 0.21	33.5 ± 0.5	0.02	0.1
2010 178.0 to 2010 278.0	22.79 ± 0.13	33.9 ± 0.3	0.20	0.9
2010 212.0 to 2010 312.0	22.60 ± 0.13	34.1 ± 0.3	0.40	1.7
2010 246.0 to 2010 346.0	22.72 ± 0.15	34.3 ± 0.4	0.37	1.6
2010 280.0 to 2011 15.0	22.78 ± 0.18	34.2 ± 0.5	0.30	1.3
2010 314.0 to 2011 49.0	22.91 ± 0.16	34.0 ± 0.4	0.19	0.8
2010 348.0 to 2011 83.0	22.90 ± 0.16	33.7 ± 0.4	0.07	0.3
2011 17.0 to 2011 117.0	23.00 ± 0.15	33.8 ± 0.4	0.12	0.5
2011 51.0 to 2011 151.0	23.00 ± 0.16	33.5 ± 0.4	0.07	0.3
2011 85.0 to 2011 185.0	23.01 ± 0.17	33.1 ± 0.4	0.19	0.8
2011 119.0 to 2011 219.0	23.02 ± 0.15	32.8 ± 0.4	0.31	1.3
2011 153.0 to 2011 253.0	23.08 ± 0.14	33.2 ± 0.3	0.20	0.9
2011 187.0 to 2011 287.0	23.10 ± 0.14	33.8 ± 0.3	0.20	0.9
2011 221.0 to 2011 321.0	23.04 ± 0.12	34.0 ± 0.3	0.21	0.9
2011 255.0 to 2011 355.0	23.24 ± 0.15	34.4 ± 0.4	0.46	2.0
2011 289.0 to 2012 24.0	23.19 ± 0.19	33.4 ± 0.5	0.26	1.1
2011 340.0 to 2012 75.0	23.20 ± 0.17	32.8 ± 0.4	0.40	1.7
2012 9.0 to 2012 109.0	23.11 ± 0.16	32.1 ± 0.4	0.60	2.6
2012 43.0 to 2012 143.0	23.10 ± 0.17	31.9 ± 0.4	0.68	3.0
2012 77.0 to 2012 177.0	23.11 ± 0.15	30.7 ± 0.4	1.15	5.0
2012 118.0 to 2012 218.0	23.07 ± 0.14	29.7 ± 0.3	1.55	6.7
2012 159.0 to 2012 259.0	23.03 ± 0.15	31.4 ± 0.4	0.86	3.8
2012 200.0 to 2012 300.0	23.10 ± 0.13	33.9 ± 0.3	0.22	1.0
2012 241.0 to 2012 341.0	23.18 ± 0.12	34.4 ± 0.3	0.43	1.9
2012 282.0 to 2013 16.0	23.56 ± 0.15	35.0 ± 0.4	0.86	3.8
2012 323.0 to 2013 57.0	23.34 ± 0.15	34.7 ± 0.4	0.62	2.7
2012 364.0 to 2013 98.0	23.25 ± 0.15	34.7 ± 0.4	0.57	2.5
2013 39.0 to 2013 139.0	23.21 ± 0.15	33.9 ± 0.4	0.31	1.4

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	10.22 ± 0.21	-39.0 ± 1.2	0.93	10.0
2009 199.0 to 2009 299.0	10.03 ± 0.26	-38.3 ± 1.5	0.71	7.6
2009 223.0 to 2009 323.0	9.77 ± 0.30	-37.9 ± 1.8	0.44	4.7
2009 247.0 to 2009 347.0	9.75 ± 0.33	-36.7 ± 1.9	0.39	4.2
2009 271.0 to 2010 6.0	9.43 ± 0.38	-37.2 ± 2.3	0.09	0.9
2009 305.0 to 2010 40.0	9.36 ± 0.35	-41.4 ± 2.1	0.74	7.9
2009 339.0 to 2010 74.0	9.28 ± 0.33	-41.4 ± 2.0	0.74	7.9
2010 8.0 to 2010 108.0	9.47 ± 0.35	-40.4 ± 2.1	0.59	6.3
2010 42.0 to 2010 142.0	9.67 ± 0.39	-32.7 ± 2.3	0.76	8.1
2010 76.0 to 2010 176.0	9.87 ± 0.40	-36.3 ± 2.3	0.52	5.6
2010 110.0 to 2010 210.0	10.36 ± 0.36	-38.6 ± 2.0	1.04	11.1
2010 144.0 to 2010 244.0	10.37 ± 0.40	-42.4 ± 2.2	1.39	14.8
2010 178.0 to 2010 278.0	9.75 ± 0.27	-37.8 ± 1.6	0.42	4.5
2010 212.0 to 2010 312.0	9.66 ± 0.29	-36.2 ± 1.7	0.32	3.4
2010 246.0 to 2010 346.0	9.49 ± 0.32	-36.3 ± 1.9	0.16	1.7
2010 280.0 to 2011 15.0	9.42 ± 0.40	-38.1 ± 2.4	0.21	2.2
2010 314.0 to 2011 49.0	9.17 ± 0.34	-36.5 ± 2.1	0.20	2.1
2010 348.0 to 2011 83.0	9.69 ± 0.35	-35.5 ± 2.1	0.40	4.3
2011 17.0 to 2011 117.0	9.67 ± 0.33	-36.1 ± 2.0	0.34	3.6
2011 51.0 to 2011 151.0	9.64 ± 0.36	-35.5 ± 2.1	0.36	3.9
2011 85.0 to 2011 185.0	9.41 ± 0.37	-36.1 ± 2.3	0.14	1.5
2011 119.0 to 2011 219.0	9.21 ± 0.32	-36.1 ± 2.0	0.20	2.1
2011 153.0 to 2011 253.0	9.05 ± 0.27	-35.0 ± 1.7	0.43	4.6
2011 187.0 to 2011 287.0	9.08 ± 0.25	-34.2 ± 1.6	0.52	5.5
2011 221.0 to 2011 321.0	9.12 ± 0.25	-34.2 ± 1.6	0.50	5.3
2011 255.0 to 2011 355.0	8.67 ± 0.31	-34.6 ± 2.0	0.78	8.3
2011 289.0 to 2012 24.0	9.06 ± 0.41	-32.0 ± 2.6	0.84	9.0
2011 340.0 to 2012 75.0	8.90 ± 0.38	-36.6 ± 2.4	0.46	4.9
2012 9.0 to 2012 109.0	8.94 ± 0.35	-39.4 ± 2.2	0.58	6.2
2012 43.0 to 2012 143.0	9.46 ± 0.38	-37.7 ± 2.3	0.17	1.8
2012 77.0 to 2012 177.0	9.30 ± 0.32	-38.0 ± 2.0	0.19	2.0
2012 118.0 to 2012 218.0	8.51 ± 0.29	-38.8 ± 2.0	0.90	9.6
2012 159.0 to 2012 259.0	8.10 ± 0.28	-41.2 ± 2.0	1.42	15.2
2012 200.0 to 2012 300.0	8.40 ± 0.23	-36.5 ± 1.6	0.96	10.3
2012 241.0 to 2012 341.0	8.76 ± 0.25	-34.0 ± 1.6	0.75	8.0
2012 282.0 to 2013 16.0	7.70 ± 0.33	-31.2 ± 2.5	1.86	19.9
2012 323.0 to 2013 57.0	7.44 ± 0.33	-33.1 ± 2.5	2.00	21.3
2012 364.0 to 2013 98.0	7.05 ± 0.33	-32.3 ± 2.7	2.40	25.6
2013 39.0 to 2013 139.0	7.45 ± 0.33	-34.4 ± 2.5	1.94	20.8

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	0.72	7.1
2009 199.0 to 2009 299.0	13.02 ± 1.11	101.5 ± 4.9	3.50	34.5
2009 223.0 to 2009 323.0	7.28 ± 1.80	98.9 ± 14.2	3.42	33.7
2009 247.0 to 2009 347.0	12.21 ± 1.36	114.5 ± 6.4	2.15	21.2
2009 271.0 to 2010 6.0	15.19 ± 1.55	106.7 ± 5.8	5.15	50.7
2009 305.0 to 2010 40.0	12.97 ± 1.46	106.6 ± 6.4	2.99	29.4
2009 339.0 to 2010 74.0	6.18 ± 1.34	145.6 ± 12.4	6.11	60.3
2010 8.0 to 2010 108.0	13.24 ± 1.44	134.5 ± 6.2	5.57	55.0
2010 42.0 to 2010 142.0	9.00 ± 1.60	102.3 ± 10.2	1.90	18.8
2010 76.0 to 2010 176.0	2.89 ± 1.63	104.8 ± 32.3	7.28	71.8
2010 110.0 to 2010 210.0	7.85 ± 1.48	127.2 ± 10.8	3.36	33.1
2010 144.0 to 2010 244.0	15.97 ± 5.22	80.9 ± 18.7	8.88	87.5
2010 178.0 to 2010 278.0	7.44 ± 1.12	127.5 ± 8.6	3.64	35.8
2010 212.0 to 2010 312.0	12.58 ± 1.19	128.2 ± 5.4	4.10	40.4
2010 246.0 to 2010 346.0	9.55 ± 1.32	103.2 ± 7.9	1.53	15.1
2010 280.0 to 2011 15.0	9.74 ± 1.63	117.6 ± 9.6	1.14	11.3
2010 314.0 to 2011 49.0	10.57 ± 1.40	91.1 ± 7.6	3.68	36.3
2010 348.0 to 2011 83.0	9.98 ± 1.41	114.8 ± 8.1	0.62	6.1
2011 17.0 to 2011 117.0	10.28 ± 1.35	90.3 ± 7.5	3.75	36.9
2011 51.0 to 2011 151.0	11.94 ± 1.45	102.3 ± 7.0	2.51	24.7
2011 85.0 to 2011 185.0	9.80 ± 1.49	119.6 ± 8.7	1.46	14.4
2011 119.0 to 2011 219.0	14.65 ± 1.30	107.3 ± 5.1	4.59	45.2
2011 153.0 to 2011 253.0	9.66 ± 1.11	144.6 ± 6.6	5.67	55.9
2011 187.0 to 2011 287.0	14.53 ± 1.05	130.0 ± 4.1	5.88	58.0
2011 221.0 to 2011 321.0	9.89 ± 1.03	133.7 ± 6.0	3.88	38.2
2011 255.0 to 2011 355.0	12.37 ± 1.28	125.3 ± 5.9	3.50	34.5
2011 289.0 to 2012 24.0	11.01 ± 1.67	92.8 ± 8.7	3.53	34.8
2011 340.0 to 2012 75.0	12.20 ± 1.56	96.0 ± 7.3	3.62	35.7
2012 9.0 to 2012 109.0	8.51 ± 1.44	99.8 ± 9.7	2.49	24.6
2012 43.0 to 2012 143.0	12.13 ± 1.54	110.8 ± 7.3	1.99	19.6
2012 77.0 to 2012 177.0	10.00 ± 1.32	118.2 ± 7.6	1.20	11.8
2012 118.0 to 2012 218.0	24.32 ± 1.21	74.3 ± 2.9	17.35	171.0
2012 159.0 to 2012 259.0	4.23 ± 1.14	112.4 ± 15.4	5.92	58.3
2012 200.0 to 2012 300.0	20.15 ± 1.01	98.1 ± 2.9	10.54	103.9
2012 241.0 to 2012 341.0	9.23 ± 0.99	84.4 ± 6.1	4.61	45.5
2012 282.0 to 2013 16.0	10.92 ± 1.31	105.7 ± 6.9	1.31	12.9
2012 323.0 to 2013 57.0	8.11 ± 1.33	104.3 ± 9.4	2.33	22.9
2012 364.0 to 2013 98.0	8.40 ± 1.33	103.9 ± 9.1	2.12	20.9
2013 39.0 to 2013 139.0	7.10 ± 1.35	136.3 ± 10.9	4.76	46.9

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	1.03	9.0
2009 199.0 to 2009 299.0	11.50 ± 0.53	-147.0 ± 2.6	0.12	1.0
2009 223.0 to 2009 323.0	13.41 ± 0.78	-150.8 ± 3.3	2.20	19.3
2009 247.0 to 2009 347.0	12.70 ± 0.63	-154.8 ± 2.8	2.12	18.7
2009 271.0 to 2010 6.0	11.37 ± 0.70	-146.8 ± 3.5	0.02	0.2
2009 305.0 to 2010 40.0	11.20 ± 0.67	-146.7 ± 3.4	0.19	1.6
2009 339.0 to 2010 74.0	9.81 ± 0.61	-160.2 ± 3.6	2.92	25.6
2010 8.0 to 2010 108.0	11.54 ± 0.64	-158.1 ± 3.2	2.25	19.8
2010 42.0 to 2010 142.0	10.53 ± 0.72	-138.3 ± 3.9	1.84	16.2
2010 76.0 to 2010 176.0	9.71 ± 0.75	-147.2 ± 4.4	1.68	14.7
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	2.44	21.5
2010 178.0 to 2010 278.0	10.59 ± 0.53	-140.7 ± 2.9	1.42	12.5
2010 212.0 to 2010 312.0	11.91 ± 0.53	-143.3 ± 2.5	0.89	7.8
2010 246.0 to 2010 346.0	12.29 ± 0.58	-149.1 ± 2.7	1.02	8.9
2010 280.0 to 2011 15.0	12.28 ± 0.70	-139.6 ± 3.3	1.74	15.3
2010 314.0 to 2011 49.0	11.38 ± 0.62	-146.9 ± 3.1	0.01	0.1
2010 348.0 to 2011 83.0	10.76 ± 0.62	-149.9 ± 3.3	0.86	7.5
2011 17.0 to 2011 117.0	11.42 ± 0.59	-148.5 ± 3.0	0.33	2.9
2011 51.0 to 2011 151.0	11.35 ± 0.63	-139.3 ± 3.2	1.50	13.1
2011 85.0 to 2011 185.0	10.74 ± 0.65	-151.6 ± 3.5	1.12	9.8
2011 119.0 to 2011 219.0	13.02 ± 0.59	-140.9 ± 2.6	2.07	18.2
2011 153.0 to 2011 253.0	11.41 ± 0.56	-134.0 ± 2.8	2.55	22.4
2011 187.0 to 2011 287.0	10.68 ± 0.54	-144.0 ± 2.9	0.89	7.8
2011 221.0 to 2011 321.0	11.97 ± 0.49	-148.5 ± 2.3	0.67	5.9
2011 255.0 to 2011 355.0	10.93 ± 0.57	-150.7 ± 3.0	0.88	7.7
2011 289.0 to 2012 24.0	13.37 ± 0.73	-138.1 ± 3.1	2.74	24.0
2011 340.0 to 2012 75.0	8.49 ± 0.69	-152.7 ± 4.7	3.06	26.9
2012 9.0 to 2012 109.0	10.83 ± 0.64	-137.5 ± 3.4	1.89	16.6
2012 43.0 to 2012 143.0	11.28 ± 0.68	-150.8 ± 3.5	0.79	6.9
2012 77.0 to 2012 177.0	12.17 ± 0.59	-148.4 ± 2.8	0.85	7.4
2012 118.0 to 2012 218.0	11.00 ± 0.56	-141.9 ± 2.9	1.04	9.1
2012 159.0 to 2012 259.0	10.98 ± 0.59	-155.6 ± 3.1	1.75	15.4
2012 200.0 to 2012 300.0	13.49 ± 0.52	-147.3 ± 2.2	2.11	18.5
2012 241.0 to 2012 341.0	10.19 ± 0.44	-148.5 ± 2.5	1.23	10.8
2012 282.0 to 2013 16.0	10.66 ± 0.58	-165.0 ± 3.1	3.55	31.2
2012 323.0 to 2013 57.0	10.93 ± 0.57	-151.0 ± 3.0	0.93	8.1
2012 364.0 to 2013 98.0	8.65 ± 0.58	-168.5 ± 3.8	4.62	40.6
2013 39.0 to 2013 139.0	11.25 ± 0.58	-150.9 ± 3.0	0.81	7.1