B944CH3 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	-11.21007 ± 0.15606	-0.55250	5.2
2009 199.0 to 2009 299.0	-10.86134 ± 0.16950	-0.20377	1.9
2009 223.0 to 2009 323.0	-10.22246 ± 0.17249	0.43511	-4.1
2009 247.0 to 2009 347.0	-10.11981 ± 0.16301	0.53776	-5.0
2009 271.0 to 2010 6.0	-10.01574 ± 0.17486	0.64183	-6.0
2009 305.0 to 2010 40.0	-9.58173 ± 0.15924	1.07584	-10.1
2009 339.0 to 2010 74.0	-9.68831 ± 0.15807	0.96926	-9.1
2010 8.0 to 2010 108.0	-9.18242 ± 0.15001	1.47515	-13.8
2010 42.0 to 2010 142.0	-8.91940 ± 0.16424	1.73817	-16.3
2010 76.0 to 2010 176.0	-9.24052 ± 0.16919	1.41705	-13.3
2010 110.0 to 2010 210.0	-9.20352 ± 0.18421	1.45405	-13.6
2010 144.0 to 2010 244.0	-9.52511 ± 0.22312	1.13246	-10.6
2010 178.0 to 2010 278.0	-10.51587 ± 0.15636	0.14170	-1.3
2010 212.0 to 2010 312.0	-10.53249 ± 0.15700	0.12508	-1.2
2010 246.0 to 2010 346.0	-11.15313 ± 0.14385	-0.49556	4.6
2010 280.0 to 2011 15.0	-11.46435 ± 0.15915	-0.80678	7.6
2010 314.0 to 2011 49.0	-11.68687 ± 0.12430	-1.02930	9.7
2010 348.0 to 2011 83.0	-11.77826 ± 0.12683	-1.12069	10.5
2011 17.0 to 2011 117.0	-11.81650 ± 0.13182	-1.15893	10.9
2011 51.0 to 2011 151.0	-11.68386 ± 0.16139	-1.02629	9.6
2011 85.0 to 2011 185.0	-11.57834 ± 0.18353	-0.92077	8.6
2011 119.0 to 2011 219.0	-11.39303 ± 0.18295	-0.73546	6.9
2011 153.0 to 2011 253.0	-10.97710 ± 0.17859	-0.31953	3.0
2011 187.0 to 2011 287.0	-10.41066 ± 0.15520	0.24691	-2.3
2011 221.0 to 2011 321.0	-10.65757 ± 0.13723	0.00000	-0.0
2011 255.0 to 2011 355.0	-11.32086 ± 0.13854	-0.66329	6.2
2011 289.0 to 2012 24.0	-11.67673 ± 0.14610	-1.01916	9.6

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	15.92 ± 0.10	39.3 ± 0.4	0.44	2.7
2009 199.0 to 2009 299.0	16.06 ± 0.11	39.0 ± 0.4	0.29	1.8
2009 223.0 to 2009 323.0	16.04 ± 0.12	39.4 ± 0.4	0.39	2.4
2009 247.0 to 2009 347.0	16.03 ± 0.14	39.0 ± 0.5	0.31	1.9
2009 271.0 to 2010 6.0	16.28 ± 0.16	39.0 ± 0.6	0.22	1.4
2009 305.0 to 2010 40.0	16.47 ± 0.14	38.5 ± 0.5	0.24	1.5
2009 339.0 to 2010 74.0	16.33 ± 0.12	38.5 ± 0.4	0.11	0.7
2010 8.0 to 2010 108.0	16.13 ± 0.13	37.7 ± 0.5	0.19	1.2
2010 42.0 to 2010 142.0	16.11 ± 0.16	37.3 ± 0.6	0.30	1.8
2010 76.0 to 2010 176.0	16.21 ± 0.16	37.3 ± 0.6	0.27	1.6
2010 110.0 to 2010 210.0	16.27 ± 0.15	38.1 ± 0.5	0.04	0.3
2010 144.0 to 2010 244.0	16.29 ± 0.17	38.1 ± 0.6	0.06	0.3
2010 178.0 to 2010 278.0	16.14 ± 0.11	38.5 ± 0.4	0.13	0.8
2010 212.0 to 2010 312.0	15.95 ± 0.11	38.6 ± 0.4	0.31	1.9
2010 246.0 to 2010 346.0	16.00 ± 0.12	38.9 ± 0.4	0.31	1.9
2010 280.0 to 2011 15.0	16.11 ± 0.14	38.9 ± 0.5	0.23	1.4
2010 314.0 to 2011 49.0	16.24 ± 0.12	38.6 ± 0.4	0.11	0.7
2010 348.0 to 2011 83.0	16.23 ± 0.12	38.3 ± 0.4	0.03	0.2
2011 17.0 to 2011 117.0	16.33 ± 0.12	38.3 ± 0.4	0.09	0.5
2011 51.0 to 2011 151.0	16.32 ± 0.13	38.0 ± 0.5	0.10	0.6
2011 85.0 to 2011 185.0	16.25 ± 0.13	37.5 ± 0.5	0.21	1.3
2011 119.0 to 2011 219.0	16.17 ± 0.12	37.2 ± 0.4	0.30	1.8
2011 153.0 to 2011 253.0	16.17 ± 0.11	37.6 ± 0.4	0.19	1.2
2011 187.0 to 2011 287.0	16.22 ± 0.10	38.3 ± 0.4	0.03	0.2
2011 221.0 to 2011 321.0	16.22 ± 0.10	38.6 ± 0.4	0.11	0.7
2011 255.0 to 2011 355.0	16.36 ± 0.11	38.7 ± 0.4	0.18	1.1
2011 289.0 to 2012 24.0	16.31 ± 0.14	37.9 ± 0.5	0.11	0.7

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	6.58 ± 0.19	-40.0 ± 1.7	0.74	12.5
2009 199.0 to 2009 299.0	6.33 ± 0.23	-39.8 ± 2.1	0.52	8.8
2009 223.0 to 2009 323.0	6.09 ± 0.25	-39.4 ± 2.4	0.34	5.7
2009 247.0 to 2009 347.0	6.02 ± 0.29	-37.1 ± 2.8	0.10	1.6
2009 271.0 to 2010 6.0	5.69 ± 0.33	-37.6 ± 3.3	0.28	4.7
2009 305.0 to 2010 40.0	5.67 ± 0.30	-42.6 ± 3.0	0.67	11.3
2009 339.0 to 2010 74.0	5.57 ± 0.27	-42.0 ± 2.8	0.67	11.2
2010 8.0 to 2010 108.0	5.83 ± 0.29	-41.1 ± 2.9	0.48	8.2
2010 42.0 to 2010 142.0	5.96 ± 0.33	-31.0 ± 3.2	0.57	9.6
2010 76.0 to 2010 176.0	6.15 ± 0.34	-36.4 ± 3.2	0.21	3.5
2010 110.0 to 2010 210.0	6.50 ± 0.31	-39.2 ± 2.7	0.63	10.6
2010 144.0 to 2010 244.0	6.58 ± 0.34	-44.5 ± 3.0	1.08	18.1
2010 178.0 to 2010 278.0	6.11 ± 0.23	-37.2 ± 2.2	0.18	3.1
2010 212.0 to 2010 312.0	6.09 ± 0.25	-35.3 ± 2.4	0.19	3.3
2010 246.0 to 2010 346.0	6.01 ± 0.26	-36.5 ± 2.5	0.07	1.1
2010 280.0 to 2011 15.0	5.85 ± 0.32	-38.5 ± 3.1	0.23	3.8
2010 314.0 to 2011 49.0	5.62 ± 0.27	-36.0 ± 2.8	0.33	5.5
2010 348.0 to 2011 83.0	6.07 ± 0.27	-34.6 ± 2.5	0.24	4.0
2011 17.0 to 2011 117.0	6.12 ± 0.26	-35.3 ± 2.4	0.22	3.7
2011 51.0 to 2011 151.0	6.10 ± 0.29	-35.0 ± 2.7	0.22	3.7
2011 85.0 to 2011 185.0	5.89 ± 0.30	-35.8 ± 2.9	0.09	1.5
2011 119.0 to 2011 219.0	5.63 ± 0.26	-36.0 ± 2.6	0.32	5.3
2011 153.0 to 2011 253.0	5.52 ± 0.22	-34.5 ± 2.3	0.47	7.9
2011 187.0 to 2011 287.0	5.59 ± 0.20	-33.6 ± 2.0	0.46	7.7
2011 221.0 to 2011 321.0	5.70 ± 0.20	-33.2 ± 2.0	0.42	7.0
2011 255.0 to 2011 355.0	5.42 ± 0.25	-33.6 ± 2.6	0.60	10.1
2011 289.0 to 2012 24.0	5.60 ± 0.32	-29.9 ± 3.3	0.75	12.6

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	6.63 ± 0.79	108.7 ± 6.8	0.92	13.6
2009 199.0 to 2009 299.0	9.06 ± 0.98	103.3 ± 6.2	2.87	42.1
2009 223.0 to 2009 323.0	4.21 ± 1.48	98.4 ± 20.1	3.10	45.5
2009 247.0 to 2009 347.0	8.42 ± 1.19	115.0 ± 8.1	1.61	23.6
2009 271.0 to 2010 6.0	10.54 ± 1.34	106.4 ± 7.3	4.00	58.7
2009 305.0 to 2010 40.0	8.48 ± 1.22	112.3 ± 8.2	1.75	25.6
2009 339.0 to 2010 74.0	4.10 ± 1.11	162.9 ± 15.5	4.98	73.1
2010 8.0 to 2010 108.0	8.72 ± 1.18	144.2 ± 7.8	4.16	61.0
2010 42.0 to 2010 142.0	5.04 ± 1.35	111.1 ± 15.3	1.86	27.3
2010 76.0 to 2010 176.0	0.67 ± 1.39	77.8 ± 118.9	6.31	92.5
2010 110.0 to 2010 210.0	4.54 ± 1.27	139.3 ± 16.0	3.18	46.5
2010 144.0 to 2010 244.0	11.96 ± 4.42	66.8 ± 21.2	9.16	134.2
2010 178.0 to 2010 278.0	4.60 ± 0.95	137.0 ± 11.8	2.99	43.8
2010 212.0 to 2010 312.0	8.88 ± 1.01	133.7 ± 6.5	3.12	45.7
2010 246.0 to 2010 346.0	5.61 ± 1.06	108.3 ± 10.8	1.49	21.9
2010 280.0 to 2011 15.0	6.09 ± 1.29	121.8 ± 12.1	0.95	13.9
2010 314.0 to 2011 49.0	6.54 ± 1.10	91.8 ± 9.6	2.86	41.9
2010 348.0 to 2011 83.0	6.20 ± 1.08	119.3 ± 10.0	0.70	10.3
2011 17.0 to 2011 117.0	6.11 ± 1.07	89.4 ± 10.0	3.10	45.4
2011 51.0 to 2011 151.0	8.12 ± 1.19	105.0 ± 8.4	1.97	28.9
2011 85.0 to 2011 185.0	7.06 ± 1.21	118.8 ± 9.8	0.38	5.5
2011 119.0 to 2011 219.0	10.69 ± 1.05	106.0 ± 5.6	4.17	61.1
2011 153.0 to 2011 253.0	6.13 ± 0.91	156.1 ± 8.5	4.44	65.2
2011 187.0 to 2011 287.0	11.62 ± 0.83	130.2 ± 4.1	5.25	77.0
2011 221.0 to 2011 321.0	6.29 ± 0.84	138.3 ± 7.7	2.54	37.3
2011 255.0 to 2011 355.0	7.98 ± 1.00	137.7 ± 7.2	2.96	43.4
2011 289.0 to 2012 24.0	7.65 ± 1.30	99.9 ± 9.7	2.23	32.7

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	9.14 ± 0.41	-146.3 ± 2.6	1.23	15.2
2009 199.0 to 2009 299.0	8.21 ± 0.46	-142.9 ± 3.2	0.17	2.0
2009 223.0 to 2009 323.0	10.13 ± 0.62	-148.4 ± 3.5	2.27	28.1
2009 247.0 to 2009 347.0	9.63 ± 0.55	-153.5 ± 3.3	2.33	28.8
2009 271.0 to 2010 6.0	8.26 ± 0.61	-141.6 ± 4.2	0.20	2.5
2009 305.0 to 2010 40.0	7.78 ± 0.56	-143.4 ± 4.1	0.34	4.2
2009 339.0 to 2010 74.0	6.63 ± 0.50	-162.9 ± 4.3	3.00	37.2
2010 8.0 to 2010 108.0	8.08 ± 0.53	-155.4 ± 3.8	1.86	23.0
2010 42.0 to 2010 142.0	7.82 ± 0.61	-132.6 ± 4.5	1.35	16.8
2010 76.0 to 2010 176.0	6.22 ± 0.64	-140.9 ± 5.9	1.87	23.1
2010 110.0 to 2010 210.0	6.20 ± 0.60	-140.1 ± 5.5	1.90	23.5
2010 144.0 to 2010 244.0	8.97 ± 1.50	-129.6 ± 9.6	2.07	25.6
2010 178.0 to 2010 278.0	8.42 ± 0.43	-132.3 ± 2.9	1.46	18.1
2010 212.0 to 2010 312.0	7.91 ± 0.43	-139.3 ± 3.1	0.44	5.4
2010 246.0 to 2010 346.0	9.08 ± 0.45	-146.9 ± 2.8	1.22	15.2
2010 280.0 to 2011 15.0	9.29 ± 0.55	-134.8 ± 3.4	1.65	20.4
2010 314.0 to 2011 49.0	7.88 ± 0.47	-143.6 ± 3.4	0.28	3.5
2010 348.0 to 2011 83.0	7.66 ± 0.46	-146.6 ± 3.4	0.74	9.1
2011 17.0 to 2011 117.0	8.15 ± 0.46	-144.2 ± 3.2	0.29	3.6
2011 51.0 to 2011 151.0	8.08 ± 0.50	-134.3 ± 3.5	1.11	13.8
2011 85.0 to 2011 185.0	7.40 ± 0.52	-149.6 ± 4.0	1.21	14.9
2011 119.0 to 2011 219.0	9.09 ± 0.46	-139.0 ± 2.9	1.12	13.8
2011 153.0 to 2011 253.0	8.88 ± 0.44	-126.3 ± 2.8	2.48	30.6
2011 187.0 to 2011 287.0	7.58 ± 0.41	-139.3 ± 3.1	0.64	7.9
2011 221.0 to 2011 321.0	8.02 ± 0.38	-144.8 ± 2.7	0.37	4.6
2011 255.0 to 2011 355.0	9.11 ± 0.43	-149.5 ± 2.7	1.50	18.6
2011 289.0 to 2012 24.0	9.43 ± 0.56	-131.7 ± 3.4	2.09	25.9