B065CH1 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 60.0 to 2009 160.0	-1.44270 ± 0.48314	0.14252	-9.0
2009 62.0 to 2009 162.0	-1.31438 ± 0.54052	0.27084	-17.1
2009 86.0 to 2009 186.0	-1.18933 ± 0.35384	0.39589	-25.0
2009 110.0 to 2009 210.0	-0.48683 ± 0.37036	1.09839	-69.3
2009 134.0 to 2009 234.0	-0.34606 ± 0.40894	1.23916	-78.2
2009 158.0 to 2009 258.0	-0.47290 ± 0.44153	1.11232	-70.2
2009 182.0 to 2009 282.0	-0.86853 ± 0.43533	0.71669	-45.2
2009 206.0 to 2009 306.0	-1.51091 ± 0.40840	0.07431	-4.7
2009 230.0 to 2009 330.0	-1.66947 ± 0.27686	-0.08425	5.3
2009 254.0 to 2009 354.0	-2.17625 ± 0.24799	-0.59103	37.3
2009 288.0 to 2010 23.0	-2.18810 ± 0.17419	-0.60288	38.0
2009 322.0 to 2010 57.0	-2.28624 ± 0.18407	-0.70102	44.2
2009 356.0 to 2010 91.0	-2.17996 ± 0.19526	-0.59474	37.5
2010 25.0 to 2010 125.0	-1.99757 ± 0.16072	-0.41235	26.0
2010 59.0 to 2010 159.0	-1.81846 ± 0.15027	-0.23324	14.7
2010 93.0 to 2010 193.0	-1.59567 ± 0.15799	-0.01045	0.7
2010 127.0 to 2010 227.0	-1.04282 ± 0.17809	0.54240	-34.2
2010 161.0 to 2010 261.0	-0.74485 ± 0.16159	0.84037	-53.0
2010 195.0 to 2010 295.0	-0.53061 ± 0.20594	1.05461	-66.5
2010 229.0 to 2010 329.0	-1.45726 ± 0.20251	0.12796	-8.1
2010 263.0 to 2010 363.0	-1.80140 ± 0.12305	-0.21618	13.6
2010 297.0 to 2011 32.0	-2.10492 ± 0.11996	-0.51970	32.8
2010 331.0 to 2011 66.0	-2.04173 ± 0.10505	-0.45651	28.8
2010 365.0 to 2011 100.0	-2.08524 ± 0.08456	-0.50002	31.5
2011 34.0 to 2011 134.0	-1.91591 ± 0.12267	-0.33069	20.9
2011 68.0 to 2011 168.0	-1.73494 ± 0.15090	-0.14972	9.4
2011 102.0 to 2011 202.0	-1.28958 ± 0.16048	0.29564	-18.6
2011 161.0 to 2011 261.0	-0.63649 ± 0.17715	0.94873	-59.8
2011 195.0 to 2011 295.0	-1.21211 ± 0.14152	0.37311	-23.5
2011 229.0 to 2011 329.0	-1.58522 ± 0.08918	0.00000	-0.0
2011 263.0 to 2011 363.0	-1.95754 ± 0.08171	-0.37232	23.5
2011 297.0 to 2012 32.0	-2.08144 ± 0.06575	-0.49622	31.3

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	10.26 ± 0.27	66.7 ± 1.5	0.33	3.1
2009 62.0 to 2009 162.0	10.29 ± 0.28	66.9 ± 1.6	0.30	2.8
2009 86.0 to 2009 186.0	10.10 ± 0.18	67.2 ± 1.0	0.48	4.5
2009 110.0 to 2009 210.0	10.09 ± 0.18	67.3 ± 1.0	0.49	4.6
2009 134.0 to 2009 234.0	10.19 ± 0.19	65.7 ± 1.1	0.48	4.5
2009 158.0 to 2009 258.0	10.32 ± 0.21	65.9 ± 1.2	0.35	3.3
2009 182.0 to 2009 282.0	10.41 ± 0.21	65.7 ± 1.2	0.32	3.1
2009 206.0 to 2009 306.0	10.33 ± 0.21	65.6 ± 1.2	0.39	3.6
2009 230.0 to 2009 330.0	10.47 ± 0.15	66.5 ± 0.8	0.17	1.6
2009 254.0 to 2009 354.0	10.44 ± 0.16	67.3 ± 0.9	0.14	1.3
2009 288.0 to 2010 23.0	10.55 ± 0.14	67.7 ± 0.8	0.10	0.9
2009 322.0 to 2010 57.0	10.49 ± 0.16	68.2 ± 0.9	0.20	1.9
2009 356.0 to 2010 91.0	10.46 ± 0.16	67.2 ± 0.9	0.12	1.1
2010 25.0 to 2010 125.0	10.47 ± 0.11	66.7 ± 0.6	0.14	1.4
2010 59.0 to 2010 159.0	10.53 ± 0.09	66.4 ± 0.5	0.16	1.5
2010 93.0 to 2010 193.0	10.58 ± 0.09	66.7 ± 0.5	0.09	0.9
2010 127.0 to 2010 227.0	10.69 ± 0.08	66.9 ± 0.4	0.12	1.2
2010 161.0 to 2010 261.0	10.59 ± 0.07	67.2 ± 0.4	0.01	0.1
2010 195.0 to 2010 295.0	10.63 ± 0.10	68.5 ± 0.5	0.24	2.3
2010 229.0 to 2010 329.0	10.69 ± 0.12	68.2 ± 0.6	0.21	2.0
2010 263.0 to 2010 363.0	10.65 ± 0.09	68.9 ± 0.5	0.32	3.0
2010 297.0 to 2011 32.0	10.66 ± 0.09	67.7 ± 0.5	0.12	1.1
2010 331.0 to 2011 66.0	10.60 ± 0.09	67.8 ± 0.5	0.11	1.1
2010 365.0 to 2011 100.0	10.66 ± 0.07	67.4 ± 0.4	0.09	0.8
2011 34.0 to 2011 134.0	10.59 ± 0.09	66.8 ± 0.5	0.08	0.7
2011 68.0 to 2011 168.0	10.62 ± 0.10	66.7 ± 0.5	0.10	1.0
2011 102.0 to 2011 202.0	10.72 ± 0.08	66.6 ± 0.4	0.18	1.7
2011 161.0 to 2011 261.0	10.73 ± 0.08	67.5 ± 0.4	0.16	1.5
2011 195.0 to 2011 295.0	10.70 ± 0.07	67.3 ± 0.4	0.12	1.1
2011 229.0 to 2011 329.0	10.71 ± 0.05	67.5 ± 0.3	0.14	1.3
2011 263.0 to 2011 363.0	10.75 ± 0.06	67.7 ± 0.3	0.19	1.8
2011 297.0 to 2012 32.0	10.84 ± 0.05	67.9 ± 0.3	0.29	2.7

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	3.90 ± 0.62	-45.7 ± 9.1	0.72	21.5
2009 62.0 to 2009 162.0	3.90 ± 0.66	-47.6 ± 9.7	0.65	19.3
2009 86.0 to 2009 186.0	4.02 ± 0.41	-57.0 ± 5.8	0.69	20.6
2009 110.0 to 2009 210.0	3.85 ± 0.42	-62.2 ± 6.3	0.73	21.7
2009 134.0 to 2009 234.0	3.35 ± 0.43	-70.3 ± 7.4	0.98	29.2
2009 158.0 to 2009 258.0	3.36 ± 0.48	-66.8 ± 8.2	0.78	23.2
2009 182.0 to 2009 282.0	3.03 ± 0.48	-63.2 ± 9.1	0.64	19.0
2009 206.0 to 2009 306.0	3.35 ± 0.49	-56.8 ± 8.4	0.20	5.9
2009 230.0 to 2009 330.0	3.45 ± 0.35	-46.6 ± 5.8	0.42	12.3
2009 254.0 to 2009 354.0	3.51 ± 0.37	-45.7 ± 6.0	0.49	14.4
2009 288.0 to 2010 23.0	3.70 ± 0.31	-47.5 ± 4.8	0.50	14.7
2009 322.0 to 2010 57.0	3.97 ± 0.36	-51.2 ± 5.2	0.62	18.4
2009 356.0 to 2010 91.0	3.96 ± 0.37	-52.8 ± 5.4	0.59	17.7
2010 25.0 to 2010 125.0	4.08 ± 0.26	-56.7 ± 3.7	0.74	22.1
2010 59.0 to 2010 159.0	3.31 ± 0.21	-53.7 ± 3.6	0.06	1.7
2010 93.0 to 2010 193.0	2.84 ± 0.20	-52.3 ± 4.0	0.53	15.8
2010 127.0 to 2010 227.0	2.67 ± 0.19	-51.1 ± 4.1	0.71	21.0
2010 161.0 to 2010 261.0	3.17 ± 0.17	-53.8 ± 3.1	0.20	5.9
2010 195.0 to 2010 295.0	3.71 ± 0.22	-61.0 ± 3.4	0.58	17.2
2010 229.0 to 2010 329.0	3.81 ± 0.28	-61.1 ± 4.2	0.65	19.4
2010 263.0 to 2010 363.0	3.59 ± 0.20	-63.3 ± 3.2	0.64	18.9
2010 297.0 to 2011 32.0	3.38 ± 0.22	-56.8 ± 3.7	0.20	5.9
2010 331.0 to 2011 66.0	3.20 ± 0.20	-52.6 ± 3.6	0.17	5.2
2010 365.0 to 2011 100.0	3.37 ± 0.15	-50.0 ± 2.6	0.20	6.0
2011 34.0 to 2011 134.0	3.39 ± 0.20	-51.6 ± 3.4	0.11	3.3
2011 68.0 to 2011 168.0	3.37 ± 0.22	-55.3 ± 3.7	0.11	3.2
2011 102.0 to 2011 202.0	3.21 ± 0.19	-51.3 ± 3.4	0.20	5.9
2011 161.0 to 2011 261.0	3.02 ± 0.18	-48.4 ± 3.4	0.45	13.3
2011 195.0 to 2011 295.0	3.24 ± 0.15	-51.5 ± 2.7	0.17	5.0
2011 229.0 to 2011 329.0	3.34 ± 0.12	-48.9 ± 2.1	0.27	7.9
2011 263.0 to 2011 363.0	3.28 ± 0.12	-51.4 ± 2.1	0.15	4.4
2011 297.0 to 2012 32.0	3.25 ± 0.11	-53.3 ± 1.9	0.12	3.5

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	3.58 ± 2.52	34.8 ± 40.3	2.23	47.1
2009 62.0 to 2009 162.0	4.14 ± 2.69	54.9 ± 37.2	0.79	16.7
2009 86.0 to 2009 186.0	2.95 ± 1.68	50.5 ± 32.6	1.93	40.7
2009 110.0 to 2009 210.0	5.47 ± 1.70	27.8 ± 17.8	3.04	64.2
2009 134.0 to 2009 234.0	2.04 ± 1.74	85.9 ± 48.9	3.00	63.3
2009 158.0 to 2009 258.0	5.64 ± 1.95	47.7 ± 19.8	1.54	32.4
2009 182.0 to 2009 282.0	5.12 ± 1.93	64.2 ± 21.6	0.44	9.3
2009 206.0 to 2009 306.0	4.31 ± 2.00	50.3 ± 26.6	0.99	20.8
2009 230.0 to 2009 330.0	7.84 ± 1.43	88.8 ± 10.5	4.22	89.1
2009 254.0 to 2009 354.0	4.32 ± 1.50	83.4 ± 19.9	1.77	37.3
2009 288.0 to 2010 23.0	3.45 ± 1.34	52.0 ± 22.3	1.46	30.7
2009 322.0 to 2010 57.0	4.58 ± 1.46	102.6 ± 18.3	3.27	69.0
2009 356.0 to 2010 91.0	3.93 ± 1.52	42.3 ± 22.2	1.66	34.9
2010 25.0 to 2010 125.0	0.53 ± 1.05	39.5 ± 113.5	4.26	89.7
2010 59.0 to 2010 159.0	6.24 ± 0.86	46.6 ± 7.9	2.06	43.4
2010 93.0 to 2010 193.0	4.30 ± 0.81	35.6 ± 10.8	2.08	43.8
2010 127.0 to 2010 227.0	5.45 ± 0.77	48.1 ± 8.1	1.38	29.2
2010 161.0 to 2010 261.0	5.56 ± 0.69	48.9 ± 7.1	1.40	29.4
2010 195.0 to 2010 295.0	7.52 ± 0.92	56.6 ± 7.0	2.82	59.6
2010 229.0 to 2010 329.0	5.69 ± 1.12	66.6 ± 11.3	1.05	22.2
2010 263.0 to 2010 363.0	6.79 ± 0.82	72.1 ± 6.9	2.30	48.5
2010 297.0 to 2011 32.0	4.37 ± 0.89	90.3 ± 11.7	2.29	48.3
2010 331.0 to 2011 66.0	4.17 ± 0.81	89.6 ± 11.1	2.23	47.0
2010 365.0 to 2011 100.0	2.75 ± 0.62	56.0 ± 12.9	2.02	42.7
2011 34.0 to 2011 134.0	2.62 ± 0.83	63.3 ± 18.2	2.13	44.8
2011 68.0 to 2011 168.0	3.55 ± 0.90	43.5 ± 14.5	1.75	37.0
2011 102.0 to 2011 202.0	3.15 ± 0.78	21.4 ± 14.2	3.09	65.2
2011 161.0 to 2011 261.0	5.05 ± 0.73	45.1 ± 8.3	1.43	30.2
2011 195.0 to 2011 295.0	6.78 ± 0.62	67.5 ± 5.2	2.12	44.7
2011 229.0 to 2011 329.0	5.90 ± 0.47	73.6 ± 4.6	1.60	33.8
2011 263.0 to 2011 363.0	4.64 ± 0.50	74.2 ± 6.2	1.04	21.9
2011 297.0 to 2012 32.0	5.70 ± 0.45	91.8 ± 4.5	2.88	60.7

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	6.00 ± 1.05	-123.5 ± 10.0	0.83	14.9
2009 62.0 to 2009 162.0	5.70 ± 1.12	-119.8 ± 11.3	1.05	18.9
2009 86.0 to 2009 186.0	5.35 ± 0.70	-132.2 ± 7.5	0.26	4.7
2009 110.0 to 2009 210.0	5.40 ± 0.71	-121.2 ± 7.5	0.89	16.0
2009 134.0 to 2009 234.0	4.16 ± 0.73	-121.6 ± 10.1	1.57	28.3
2009 158.0 to 2009 258.0	5.14 ± 0.81	-136.0 ± 9.0	0.66	11.9
2009 182.0 to 2009 282.0	6.49 ± 0.81	-131.8 ± 7.2	0.96	17.2
2009 206.0 to 2009 306.0	5.83 ± 0.83	-122.3 ± 8.2	0.85	15.3
2009 230.0 to 2009 330.0	5.15 ± 0.60	-127.3 ± 6.7	0.49	8.8
2009 254.0 to 2009 354.0	5.93 ± 0.63	-134.5 ± 6.1	0.56	10.1
2009 288.0 to 2010 23.0	5.76 ± 0.55	-137.4 ± 5.5	0.72	13.0
2009 322.0 to 2010 57.0	6.22 ± 0.61	-136.4 ± 5.6	0.91	16.5
2009 356.0 to 2010 91.0	6.04 ± 0.63	-144.4 ± 6.0	1.50	27.0
2010 25.0 to 2010 125.0	5.94 ± 0.44	-127.0 ± 4.2	0.52	9.4
2010 59.0 to 2010 159.0	5.40 ± 0.35	-135.0 ± 3.7	0.46	8.4
2010 93.0 to 2010 193.0	6.01 ± 0.34	-134.7 ± 3.2	0.64	11.5
2010 127.0 to 2010 227.0	5.02 ± 0.32	-131.4 ± 3.7	0.53	9.6
2010 161.0 to 2010 261.0	5.33 ± 0.29	-128.7 ± 3.1	0.27	4.8
2010 195.0 to 2010 295.0	5.74 ± 0.38	-123.7 ± 3.8	0.69	12.4
2010 229.0 to 2010 329.0	5.04 ± 0.47	-133.4 ± 5.3	0.58	10.4
2010 263.0 to 2010 363.0	6.18 ± 0.35	-137.5 ± 3.2	0.96	17.4
2010 297.0 to 2011 32.0	6.43 ± 0.37	-137.2 ± 3.3	1.13	20.4
2010 331.0 to 2011 66.0	5.55 ± 0.34	-127.2 ± 3.5	0.31	5.6
2010 365.0 to 2011 100.0	6.07 ± 0.26	-143.4 ± 2.5	1.42	25.5
2011 34.0 to 2011 134.0	6.14 ± 0.35	-135.4 ± 3.3	0.78	14.1
2011 68.0 to 2011 168.0	5.90 ± 0.38	-125.0 ± 3.7	0.64	11.6
2011 102.0 to 2011 202.0	5.39 ± 0.33	-138.0 ± 3.5	0.74	13.4
2011 161.0 to 2011 261.0	5.52 ± 0.30	-128.6 ± 3.1	0.17	3.2
2011 195.0 to 2011 295.0	6.02 ± 0.26	-128.5 ± 2.5	0.51	9.2
2011 229.0 to 2011 329.0	5.42 ± 0.21	-128.8 ± 2.2	0.20	3.6
2011 263.0 to 2011 363.0	5.74 ± 0.22	-137.5 ± 2.2	0.73	13.1
2011 297.0 to 2012 32.0	5.90 ± 0.20	-136.3 ± 1.9	0.69	12.4