B028CH3 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2008 41.0 to 2008 141.0	-6.29599 ± 0.09219	-0.04341	0.7
2008 58.0 to 2008 158.0	-6.29395 ± 0.11844	-0.04137	0.7
2008 75.0 to 2008 175.0	-6.23976 ± 0.12856	0.01282	-0.2
2008 92.0 to 2008 192.0	-6.21480 ± 0.14469	0.03778	-0.6
2008 109.0 to 2008 209.0	-6.02237 ± 0.11483	0.23021	-3.7
2008 126.0 to 2008 226.0	-6.00141 ± 0.23856	0.25117	-4.0
2008 148.0 to 2008 248.0	-5.98727 ± 0.23715	0.26531	-4.2
2008 170.0 to 2008 270.0	-5.57640 ± 0.54980	0.67618	-10.8
2008 192.0 to 2008 292.0	-6.07283 ± 0.65075	0.17975	-2.9
2008 214.0 to 2008 314.0	-6.09578 ± 0.39976	0.15680	-2.5
2008 238.0 to 2008 338.0	-5.49205 ± 0.48978	0.76053	-12.2
2008 260.0 to 2008 360.0	-6.06246 ± 1.15773	0.19012	-3.0
2008 282.0 to 2009 16.0	-6.49725 ± 0.99679	-0.24467	3.9
2008 304.0 to 2009 38.0	-6.39440 ± 0.87635	-0.14182	2.3
2008 326.0 to 2009 60.0	-6.56551 ± 0.96187	-0.31293	5.0
2008 348.0 to 2009 82.0	-6.24879 ± 0.13167	0.00379	-0.1
2009 4.0 to 2009 104.0	-6.36027 ± 0.14918	-0.10769	1.7
2009 8.0 to 2009 108.0	-7.94138 ± 0.19891	-1.68880	27.0
2009 32.0 to 2009 132.0	-8.28538 ± 0.93985	-2.03280	32.5
2009 56.0 to 2009 156.0	-8.53376 ± 1.31638	-2.28118	36.5
2009 80.0 to 2009 180.0	-9.37914 ± 1.62112	-3.12656	50.0
2009 104.0 to 2009 204.0	-9.82422 ± 1.51030	-3.57164	57.1
2009 128.0 to 2009 228.0	-6.28713 ± 0.58633	-0.03455	0.6
2009 152.0 to 2009 252.0	-6.25258 ± 0.74534	0.00000	-0.0

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 41.0 to 2008 141.0	1.64 ± 0.08	-77.7 ± 2.8	0.00	0.0
2008 58.0 to 2008 158.0	1.70 ± 0.10	-75.9 ± 3.4	0.08	4.9
2008 75.0 to 2008 175.0	1.73 ± 0.10	-78.5 ± 3.3	0.09	5.7
2008 92.0 to 2008 192.0	1.76 ± 0.10	-75.6 ± 3.3	0.14	8.3
2008 109.0 to 2008 209.0	1.88 ± 0.08	-71.2 ± 2.4	0.31	19.0
2008 126.0 to 2008 226.0	1.87 ± 0.16	-70.6 ± 4.9	0.32	19.3
2008 148.0 to 2008 248.0	1.99 ± 0.15	-68.3 ± 4.3	0.46	28.0
2008 170.0 to 2008 270.0	1.76 ± 0.35	-60.3 ± 11.4	0.53	32.2
2008 192.0 to 2008 292.0	1.81 ± 0.40	-63.7 ± 12.7	0.45	27.6
2008 214.0 to 2008 314.0	1.53 ± 0.30	-68.5 ± 11.2	0.28	16.9
2008 238.0 to 2008 338.0	1.28 ± 0.44	-72.0 ± 19.7	0.39	23.6
2008 260.0 to 2008 360.0	1.58 ± 1.16	-75.2 ± 42.1	0.09	5.6
2008 282.0 to 2009 16.0	1.59 ± 1.24	-73.0 ± 44.7	0.14	8.6
2008 304.0 to 2009 38.0	1.63 ± 1.10	-79.4 ± 38.7	0.05	3.0
2008 326.0 to 2009 60.0	1.58 ± 1.18	-80.0 ± 42.8	0.09	5.4
2008 348.0 to 2009 82.0	1.70 ± 0.16	-87.7 ± 5.4	0.30	18.1
2009 4.0 to 2009 104.0	1.69 ± 0.16	-85.1 ± 5.4	0.22	13.5
2009 8.0 to 2009 108.0	0.90 ± 0.21	-134.3 ± 13.4	1.37	83.5
2009 32.0 to 2009 132.0	0.78 ± 1.00	-135.1 ± 73.5	1.39	84.5
2009 56.0 to 2009 156.0	0.92 ± 1.30	-121.7 ± 81.0	1.17	71.2
2009 80.0 to 2009 180.0	0.96 ± 1.38	-121.5 ± 82.4	1.16	70.5
2009 104.0 to 2009 204.0	1.40 ± 1.15	-97.4 ± 47.1	0.57	34.8
2009 128.0 to 2009 228.0	1.77 ± 0.35	-91.4 ± 11.3	0.43	26.0
2009 152.0 to 2009 252.0	1.70 ± 0.44	-91.5 ± 14.8	0.41	24.7

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 41.0 to 2008 141.0	2.67 ± 0.19	171.2 ± 4.1	0.82	23.6
2008 58.0 to 2008 158.0	2.85 ± 0.23	172.5 ± 4.6	0.68	19.6
2008 75.0 to 2008 175.0	2.99 ± 0.23	174.5 ± 4.4	0.63	18.3
2008 92.0 to 2008 192.0	2.97 ± 0.23	174.8 ± 4.4	0.66	19.0
2008 109.0 to 2008 209.0	2.70 ± 0.19	-179.0 ± 4.0	1.06	30.8
2008 126.0 to 2008 226.0	2.83 ± 0.37	-178.2 ± 7.5	1.02	29.7
2008 148.0 to 2008 248.0	2.94 ± 0.36	173.3 ± 7.0	0.63	18.1
2008 170.0 to 2008 270.0	4.07 ± 0.81	167.3 ± 11.4	0.62	17.9
2008 192.0 to 2008 292.0	4.39 ± 0.92	172.1 ± 12.0	1.00	29.1
2008 214.0 to 2008 314.0	4.32 ± 0.70	169.5 ± 9.3	0.89	25.7
2008 238.0 to 2008 338.0	7.83 ± 0.94	161.0 ± 6.9	4.41	127.8
2008 260.0 to 2008 360.0	9.20 ± 2.68	171.4 ± 16.7	5.77	167.1
2008 282.0 to 2009 16.0	7.89 ± 2.85	174.8 ± 20.7	4.50	130.3
2008 304.0 to 2009 38.0	7.73 ± 2.52	174.6 ± 18.7	4.34	125.6
2008 326.0 to 2009 60.0	7.84 ± 2.71	170.2 ± 19.8	4.40	127.5
2008 348.0 to 2009 82.0	3.04 ± 0.38	175.2 ± 7.2	0.63	18.2
2009 4.0 to 2009 104.0	2.99 ± 0.36	175.3 ± 6.9	0.66	19.2
2009 8.0 to 2009 108.0	4.02 ± 0.43	134.9 ± 6.1	2.13	61.6
2009 32.0 to 2009 132.0	5.58 ± 2.30	124.4 ± 23.6	3.82	110.8
2009 56.0 to 2009 156.0	5.75 ± 2.99	128.1 ± 29.8	3.74	108.4
2009 80.0 to 2009 180.0	6.93 ± 3.19	129.9 ± 26.4	4.66	134.9
2009 104.0 to 2009 204.0	5.34 ± 2.64	133.6 ± 28.3	3.10	89.7
2009 128.0 to 2009 228.0	3.70 ± 0.82	161.6 ± 12.7	0.41	11.9
2009 152.0 to 2009 252.0	3.98 ± 1.03	147.6 ± 14.8	1.35	39.0

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 41.0 to 2008 141.0	3.80 ± 0.75	-53.4 ± 11.3	2.03	44.7
2008 58.0 to 2008 158.0	5.24 ± 0.94	-46.7 ± 10.3	1.81	39.9
2008 75.0 to 2008 175.0	4.00 ± 0.93	-13.6 ± 13.3	1.13	25.0
2008 92.0 to 2008 192.0	4.26 ± 0.98	-46.1 ± 13.2	1.48	32.6
2008 109.0 to 2008 209.0	7.74 ± 0.77	-19.9 ± 5.7	3.29	72.7
2008 126.0 to 2008 226.0	4.25 ± 1.47	-13.4 ± 19.8	1.08	23.9
2008 148.0 to 2008 248.0	1.38 ± 1.47	-130.5 ± 61.0	5.03	111.1
2008 170.0 to 2008 270.0	4.95 ± 3.26	45.5 ± 37.7	5.62	124.1
2008 192.0 to 2008 292.0	4.73 ± 3.71	29.6 ± 44.9	4.40	97.1
2008 214.0 to 2008 314.0	6.15 ± 2.85	-43.2 ± 26.6	2.19	48.4
2008 238.0 to 2008 338.0	48.50 ± 3.81	48.5 ± 4.5	47.57	1050.1
2008 260.0 to 2008 360.0	22.68 ± 10.79	-56.0 ± 27.3	18.84	415.9
2008 282.0 to 2009 16.0	8.66 ± 11.60	-13.5 ± 76.7	4.39	96.8
2008 304.0 to 2009 38.0	26.73 ± 10.28	101.9 ± 22.0	29.79	657.5
2008 326.0 to 2009 60.0	19.76 ± 11.06	-54.0 ± 32.1	15.85	349.9
2008 348.0 to 2009 82.0	1.46 ± 1.53	-39.3 ± 60.0	3.12	68.8
2009 4.0 to 2009 104.0	3.83 ± 1.47	-36.8 ± 22.0	0.99	22.0
2009 8.0 to 2009 108.0	28.16 ± 1.76	-4.2 ± 3.6	24.05	530.9
2009 32.0 to 2009 132.0	9.48 ± 9.43	-90.5 ± 57.0	8.48	187.2
2009 56.0 to 2009 156.0	12.23 ± 12.14	-69.7 ± 56.9	9.41	207.7
2009 80.0 to 2009 180.0	12.48 ± 12.99	30.4 ± 59.6	10.75	237.2
2009 104.0 to 2009 204.0	12.85 ± 10.70	-73.3 ± 47.7	10.25	226.3
2009 128.0 to 2009 228.0	6.74 ± 3.40	-54.6 ± 28.9	3.43	75.8
2009 152.0 to 2009 252.0	4.29 ± 4.17	19.9 ± 55.7	3.52	77.8

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 41.0 to 2008 141.0	3.12 ± 0.32	170.4 ± 5.9	0.21	6.5
2008 58.0 to 2008 158.0	3.61 ± 0.40	-173.6 ± 6.3	0.89	27.0
2008 75.0 to 2008 175.0	3.18 ± 0.39	179.8 ± 7.0	0.43	13.0
2008 92.0 to 2008 192.0	2.81 ± 0.43	171.2 ± 8.8	0.49	14.9
2008 109.0 to 2008 209.0	1.42 ± 0.31	-168.2 ± 12.5	2.01	61.0
2008 126.0 to 2008 226.0	2.50 ± 0.60	-179.3 ± 13.8	0.90	27.2
2008 148.0 to 2008 248.0	4.31 ± 0.59	-170.0 ± 7.8	1.53	46.4
2008 170.0 to 2008 270.0	2.06 ± 1.38	175.3 ± 38.4	1.24	37.7
2008 192.0 to 2008 292.0	3.64 ± 1.60	178.3 ± 25.2	0.49	14.9
2008 214.0 to 2008 314.0	4.28 ± 1.18	161.9 ± 15.8	1.20	36.5
2008 238.0 to 2008 338.0	8.37 ± 1.71	-167.8 ± 11.7	5.38	163.2
2008 260.0 to 2008 360.0	3.64 ± 4.55	-169.4 ± 71.6	1.14	34.6
2008 282.0 to 2009 16.0	1.42 ± 4.84	176.0 ± 195.3	1.88	57.1
2008 304.0 to 2009 38.0	2.89 ± 4.31	158.9 ± 85.4	0.84	25.4
2008 326.0 to 2009 60.0	6.45 ± 4.63	168.9 ± 41.1	3.17	96.0
2008 348.0 to 2009 82.0	2.82 ± 0.64	170.2 ± 13.0	0.49	14.9
2009 4.0 to 2009 104.0	2.97 ± 0.62	168.9 ± 12.0	0.38	11.6
2009 8.0 to 2009 108.0	13.24 ± 0.82	164.1 ± 3.5	9.99	303.0
2009 32.0 to 2009 132.0	3.82 ± 3.94	167.7 ± 59.1	0.60	18.3
2009 56.0 to 2009 156.0	3.29 ± 5.01	-173.5 ± 87.2	0.80	24.3
2009 80.0 to 2009 180.0	3.33 ± 5.43	177.1 ± 93.4	0.27	8.1
2009 104.0 to 2009 204.0	8.20 ± 4.43	133.5 ± 31.0	6.01	182.2
2009 128.0 to 2009 228.0	3.90 ± 1.41	131.6 ± 20.7	2.58	78.2
2009 152.0 to 2009 252.0	4.86 ± 1.75	146.5 ± 20.6	2.39	72.3