



Erisian Cycles

For Carillon

Καλλιότι

By

Brandon Vaccaro

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Carillon*

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Composed: September - October 2004

I. Chaos
II. **Discord**
III. **Confusion**
IV. Bureaucracy
V. **Aftermath**

Duration ≈ 8 minutes

65-Bell Edition

This edition was written for the Williams Carillon at the University of Denver. It requires the following:

The diagram illustrates the bell ranges for a 65-bell carillon. It consists of two staves: a treble clef staff for the Manual Range and a bass clef staff for the Pedal Range. The Pedal Range is shown with a chromatic scale starting from a low note and ascending to a higher note. The Manual Range is shown with a chromatic scale starting from a higher note and ascending to a note labeled 15^{ma}. A bracket on the left side of the staves is labeled 'Carillon'.

Also available: 47-Bell Edition (MC2004-4a)

Dedication:

For Burt Rutan and the Scaled Composites team who won the Ansari X Prize on October 4, 2004 as I was completing this piece.

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I Chaos

Senza Tempo

Durations are relative within each cell.
Cells should be played freely,
but in order and with no repeats.

8va-----

Carillon

p *f* *p*

Detailed description: This system contains three measures. The first measure has a treble clef with a whole rest and a bass clef with a whole note G2. The second measure has a treble clef with a whole note chord of F#4, G#4, and A4, and a bass clef with a whole note chord of F#2, G#2, and A2. The third measure has a treble clef with a whole rest and a bass clef with a half note G2, quarter note F#2, and quarter note E2.

8va-----

Carillon

f \triangleright *p* *mf* *p*

Detailed description: This system contains three measures. The first measure has a treble clef with a half note G4, quarter note A4, quarter note B4, and quarter note C5, and a bass clef with a whole rest. The second measure has a treble clef with a whole note chord of F#4, G#4, and A4, and a bass clef with a whole note chord of F#2, G#2, and A2. The third measure has a treble clef with a whole rest and a bass clef with a whole note chord of F#2, G#2, and A2.

8va-----

Carillon

f *p* *f* *pp*

Detailed description: This system contains four measures. The first measure has a treble clef with a half note G4, quarter note A4, quarter note B4, and quarter note C5, and a bass clef with a whole rest. The second measure has a treble clef with a whole note chord of F#4, G#4, and A4, and a bass clef with a whole rest. The third measure has a treble clef with a half note G4, quarter note A4, quarter note B4, and quarter note C5, and a bass clef with a whole note chord of F#2, G#2, and A2. The fourth measure has a treble clef with a whole note chord of F#4, G#4, and A4, and a bass clef with a whole rest.

b

Carillon

ff *pp*

Detailed description: This system contains three measures. The first measure has a treble clef with a whole rest and a bass clef with a whole note G2, quarter note F#2, quarter note E2, and quarter note D2. The second measure has a treble clef with a whole note chord of F#4, G#4, and A4, and a bass clef with a whole note chord of F#2, G#2, and A2. The third measure has a treble clef with a whole rest and a bass clef with a whole note chord of F#2, G#2, and A2.

II
Discord

With Motion ♩ ≈ 96

Carillon

pp poco cresc.

Detailed description: This system contains measures 1 through 4 of the piece. The music is written for a carillon in 4/4 time. The upper staff (treble clef) contains a continuous eighth-note melody. The lower staff (bass clef) is empty. The first three measures are in a major key, and the fourth measure begins with a key signature change to one flat. Dynamics include *pp* and *poco cresc.*

Carillon

p mp pp

Detailed description: This system contains measures 5 through 7. The upper staff continues the eighth-note melody. The lower staff remains empty. Measure 5 starts with a key signature change to two flats. Dynamics are *p*, *mp*, and *pp*, with hairpins indicating volume changes.

Carillon

cresc. - - - - poco - - - -

Detailed description: This system contains measures 8 through 10. The upper staff continues the eighth-note melody. The lower staff remains empty. Measure 8 starts with a key signature change to one flat. Dynamics include *cresc.* and *poco* with dashed lines.

Carillon

(cresc.) a - - - - poco - - - - a - - - - poco - - - - a - - - - poco - - - - a - - - - poco

Detailed description: This system contains measures 11 through 13. The upper staff continues the eighth-note melody. The lower staff remains empty. Measure 11 starts with a key signature change to two sharps. Dynamics include *(cresc.)*, *a*, and *poco* with dashed lines.

Vaccaro - Erisian Cycles for Carillon

14

Carillon

f

16

Carillon

f

19

Carillon

pp

22

Carillon

p

f

Vaccaro - Erisian Cycles for Carillon

25

Carillon

mp *p*

mf

28

Carillon

pp *p*

f

30

Carillon

mf *f*

33

Carillon

p sub. *mf*

f

Vaccaro - Erisian Cycles for Carillon

36

Carillon

mp

p

39

Carillon

p

mf

p

f

42

Carillon

mp

46

Carillon

repeat ad lib.

n

III Confusion

Slowly $\text{♩} \approx 50$

Carillon

8^{va}-----

f *p* *mf* *f*

Detailed description: This system contains measures 1 through 6. The music is in 2/2 time. Measure 1 features a treble clef with a forte (*f*) dynamic and a half note G^{8va} marked with a dashed line. Measure 2 is a whole rest in the treble and a half note G¹ in the bass, with a piano (*p*) dynamic. Measure 3 has a mezzo-forte (*mf*) dynamic and a half note G¹ in the bass. Measure 4 has a forte (*f*) dynamic and a half note G¹ in the bass. Measure 5 has a half note G¹ in the bass. Measure 6 has a half note G¹ in the bass.

Carillon

7

mp *f* *mp*

Detailed description: This system contains measures 7 through 10. Measure 7 has a mezzo-piano (*mp*) dynamic and a half note G¹ in the bass. Measure 8 has a half note G¹ in the bass. Measure 9 has a forte (*f*) dynamic and a half note G¹ in the bass. Measure 10 has a mezzo-piano (*mp*) dynamic and a half note G¹ in the bass.

Carillon

11

f

Detailed description: This system contains measures 11 through 13. Measure 11 has a forte (*f*) dynamic and a half note G¹ in the bass. Measure 12 has a half note G¹ in the bass. Measure 13 has a half note G¹ in the bass.

Carillon

14

8^{va}-----

p *pp* *p*

Detailed description: This system contains measures 14 through 16. Measure 14 has a piano (*p*) dynamic and a half note G¹ in the bass. Measure 15 has a pianissimo (*pp*) dynamic and a half note G¹ in the bass. Measure 16 has a piano (*p*) dynamic and a half note G¹ in the bass. A final double bar line is at the end of the system.

IV

Bureaucracy

Fast ♩ ≈ 120

Carillon

mp

4

Detailed description: This system contains the first three measures of the piece. The music is written for a carillon in 4/4 time. The upper staff is a grand staff with a treble clef, and the lower staff is a grand staff with a bass clef. The tempo is marked 'Fast' with a quarter note equal to approximately 120 beats per minute. The dynamic is marked *mp*. The melody in the upper staff is mostly rests, with some notes appearing in the final measure. The bass staff features a rhythmic pattern of eighth notes with various accidentals.

Carillon

4

5

8

4

Detailed description: This system contains measures 4 through 8. The upper staff has a treble clef and contains large numbers 4, 5, and 3, indicating changes in the number of bells or a specific rhythmic pattern. The lower staff has a bass clef and contains large numbers 8, 8, 8, and 4, indicating changes in the number of bells. The music continues with eighth-note patterns in the bass staff.

Carillon

9

3

4

cresc. - - - poco - - - a - - - poco - - -

Detailed description: This system contains measures 9 through 13. The upper staff has a treble clef and contains a large number 3. The lower staff has a bass clef and contains a large number 4. The music features eighth-note patterns in the bass staff. A dynamic marking 'cresc. - - - poco - - - a - - - poco - - -' is placed above the lower staff, indicating a gradual increase and then decrease in volume.

Carillon

14

5

7

5

7

8

8

8

8

mf

Detailed description: This system contains measures 14 through 18. The upper staff has a treble clef and contains large numbers 5, 7, 5, and 7. The lower staff has a bass clef and contains large numbers 8, 8, 8, and 8. The music continues with eighth-note patterns in the bass staff. The dynamic is marked *mf*.

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18

Carillon

7 3 6 3 6

8 4 8 4 8

f

22

Carillon

6 5 2 5 2

8 8 4 8 4

sub. *p*

26

Carillon

2

4

(*p*)

cresc. --- poco --- a --- poco

32

Carillon

5 3

8 4

mf

(*mf*)

Vaccaro - Erisian Cycles for Carillon

37

Carillon

pp *f*

42

Carillon

mf *mp*

47

Carillon

f

52

Carillon

dim. - - - poco - - - a - - - poco *pp*

Vaccaro - Erisian Cycles for Carillon

57

Carillon

pp

4

4

64

Carillon

f

4

66

Carillon

mf

4

68

Carillon

6

3

8

4

Vaccaro - Erisian Cycles for Carillon

70

Carillon

cresc. - - - poco - - - a - - - poco

72

Carillon

8^{va}-----

74

Carillon

(8^{va})----- 15^{ma}-----

12

16

76

Carillon

12 = 15^{ma}-----

12

16

V
Aftermath

Tempo Rubato ♩ ≈ 70

8^{va} ----- loco

Carillon

Carillon

Very Slow

Repeat figure and slowly accel. to as fast as possible

Carillon

Tempo I ♩ ≈ 70

Carillon