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Title

The Communication of War

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Author

Lo, Xavier

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Xavier Lo

The Communication
of War
(2017)

For
2 Trumpets, Strings
and Percussion

Score in C

Instrumentation

2 Trumpets

Percussion 1 (Bass Drum, Tubular Bells, Crotales)

Percussion 2 (Snare Drum, Vibraphone, Anvil)

Strings (Contrabass with a C string extension)

Programme notes:

The trumpet (and its predecessors) was the one of the main instruments used to communicate between military forces on the battlefield and in camps. This historical use, along with warfare history from the early-20th century, were the inspirations for the design of the composition.

This composition is comprised of four sections to represent the possible stages of a soldier engaging in warfare.

The opening section gives the sense of an upcoming battle, with armies wrestling the challenge of moving under heavy artillery.

The second section represents a soldier that has been injured by the blast of a bomb. The blast wasn't significant enough to cripple him, however he was still knocked down and momentarily paralysed. His disorientation led him witness everything in unclear slow-motion, aside from some brief moments where he could hear his own heartbeat clearly. Eventually, he breaks out of paralysis and continues on with the fight, which leads into the third section.

The third section represents a huge amount environmental damage and almost an endless bloodshed on human life from both sides of battle. There is major amount of firing from heavy weaponry such as tanks, missiles and machine guns. Eventually one side of the battle becomes victorious.

The final section grants a sense of relief, however there is still tension in the air because more battles must be fought before the war is over.

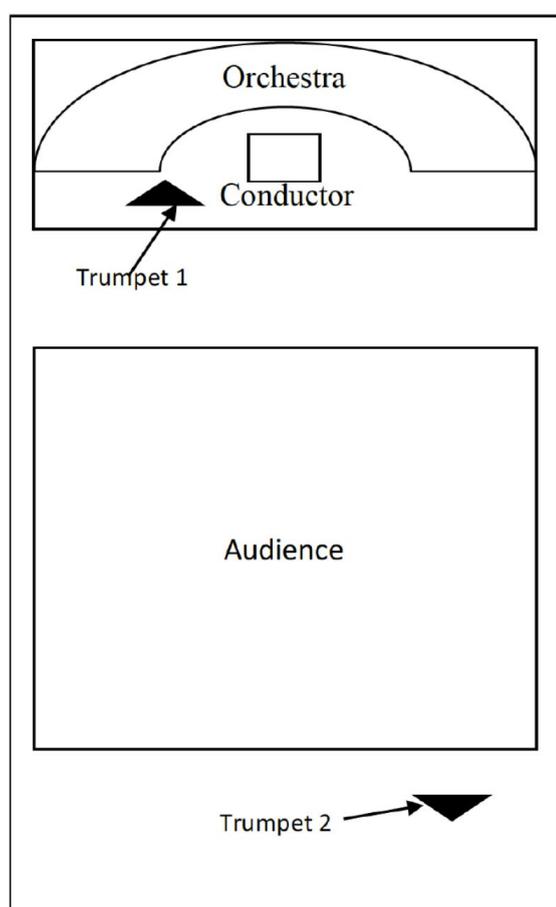
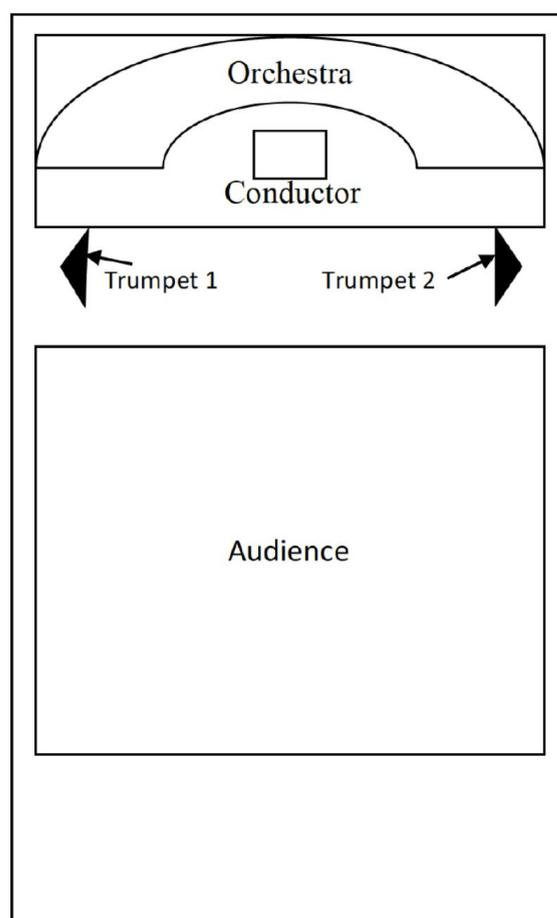
Duration: 6 minutes

Performance notes:

This composition can be staged in two ways. The long side of the triangle represents the direction of the player.

Example 1 shows the ideal staging. This is where the two trumpet players are at a far distance from each other, representing a historical method of military communication through the use of bugles (trumpets). This would also express elements of both confrontation and unity, i.e. the enemy and allies respectively.

Example 2 is how the piece should be staged if **Example 1** is not possible.

**Example 1****Example 2**

The Communication of War

Composed by Xavier Lo (1993 -)

Allegro (♩=100)

The musical score is arranged in a standard orchestral layout. The top two staves are for Trumpet in Bb 1 and 2, both in treble clef with a 4/4 time signature. The next two staves are for the Bass Drum and Snare Drum, both in 4/4 time. The string section consists of Violin I and II (treble clef), Viola (alto clef), Violoncello (bass clef), and Contrabass (bass clef). The score is divided into three measures. The first measure shows the initial dynamics: *mp* for strings and *f* for the drums. The second measure features a dynamic shift to *sfz* and *f*, with a triplet of eighth notes in the strings. The third measure returns to *mp* and *f*. The Viola and Violoncello parts include a key signature change from one sharp (F#) to one flat (Bb) between the second and third measures.

Musical score for page 5, featuring the following instruments and dynamics:

- Tpt. 1:** Dynamics include *sfz*, *f*, *mp*, *sfz*, and *mp*. Includes a triplet of eighth notes.
- Tpt. 2:** Dynamics include *sfz* and *f*. Includes a triplet of eighth notes.
- B. D. (Bass Drum):** Dynamics include *sfz* and *f*. Features a half note.
- S. D. (Snare Drum):** Dynamics include *f*. Features a triplet of eighth notes.
- Vln. I (Violin I):** Dynamics include *sfz* and *mp*. Features a half note.
- Vln. II (Violin II):** Dynamics include *sfz* and *mp*. Features a half note.
- Vla. (Viola):** Dynamics include *sfz* and *mp*. Features a half note.
- Vc. (Violoncello):** Dynamics include *f*, *p*, *f*, *sfz*, *sfz*, and *p*. Features a half note.
- Cb. (Contrabass):** Dynamics include *f*, *p*, *f*, *sfz*, *sfz*, and *p*. Features a half note.

A

Musical score for Tpt. 1, Tpt. 2, B. D., S. D., Vln. I, Vln. II, Vla., Vc., and Cb. The score is divided into three measures. Dynamics include *f*, *mp*, *fp*, *sfz*, *p*, and *mp f*. Articulation includes accents and slurs. A triplet of eighth notes is marked with a '3' in measures 2 and 3.

9

Tpt. 1

Tpt. 2

B. D.

S. D.

Vln. I

Vln. II

Vla.

Vc.

Cb.

sfz sfz sfz mp sfz

sfz sfz mp sfz

sfz sfz mp sfz

sfz f mp f sfz f

sfz f mp f sfz f

B

12

Tpt. 1

Tpt. 2

B. D.

S. D.

Vln. I

Vln. II

Vla.

Vc.

Cb.

sfz *mp* *f*

p

p

pizz.

arco

p

15

Tpt. 1 *mp* *f* *p* *mp* *p*

Tpt. 2 *ff* *p* *mp* *p*

B. D. *sfz* *sfz*

S. D.

Vln. I arco *mp*

Vln. II arco *mp*

Vla. arco *mp*

Vc. *vc*

Cb. *vc*

Detailed description: This is a page of a musical score for a symphony orchestra, page 9. It features eight staves. The top two staves are for Trumpets 1 and 2. The next two are for Bass Drum (B. D.) and Snare Drum (S. D.). The following three are for Violins I and II, and Viola. The bottom two are for Violoncello (Vc.) and Contrabass (Cb.). The score is in 4/4 time. The key signature has one sharp (F#). The music begins at measure 15. The trumpet parts have various dynamics: Tpt. 1 starts at *mp*, reaches *f* in measure 16, then *p* and *mp* in measure 17, and *p* in measure 18. Tpt. 2 starts with *ff* in measure 16, then *p* in measure 17, and *mp* and *p* in measure 18. The bass drum has *sfz* accents in measures 15 and 16. The snare drum has notes in measures 16 and 17. The strings (Vln. I, Vln. II, Vla., Vc., Cb.) are mostly silent, with some notes in measures 16 and 17. The violins and viola play a short phrase in measure 18, marked *arco* and *mp*. The cellos and contrabasses play a short phrase in measure 16, marked *vc*.

19

Tpt. 1

Tpt. 2

B. D.

S. D.

Vln. I

Vln. II

Vla.

Vc.

Cb.

f

p

sfz *f* *mp f* *sfz sfz sfz*

sfz *f* *mp f* *sfz sfz sfz*

sfz *f* *p* *f* *p* *sfz* *mp*

fp *sfz* *f* *p* *sfz* *mp*

fp *sfz* *f* *p* *sfz*

C

22

Tpt. 1

Tpt. 2

B. D.

S. D.

Vln. I

Vln. II

Vla.

Vc.

Cb.

f *mp* *f* *mp* *f*

f *mp* *f*

f *p*

p

To Vib.

sfz *sfz* *pizz.*

sfz *sfz* *pizz.*

sfz *sfz* *pizz.*

sfz *f* *pp* *mp* *f* *sfz* *sfz* *pizz.* *arco*

f *pp* *mp* *f* *sfz* *sfz* *pizz.* *arco*

f *pp* *mp* *f* *sfz* *sfz* *pizz.* *arco*

25

Tpt. 1 *mp* \leftarrow *f* *mp* \leftarrow *f* *ff* *mf* \rightarrow *rall.*

Tpt. 2 *mp* *ff* *mf* \rightarrow

B. D. *p* *f* To Tub. B.

S. D.

Vln. I *mp* *sfz* *pizz.*

Vln. II *mp* *sfz* *pizz.*

Vla. *mp* *sfz* *pizz.*

Vc. *p* \rightarrow *f* *fp* *sfz* *pizz.*

Cb. *p* \rightarrow *f* *fp* *sfz*

Detailed description of the musical score: The score is for measures 25, 26, and 27. The key signature has one flat (B-flat), and the time signature is 3/4. The instruments are Tpt. 1, Tpt. 2, B. D., S. D., Vln. I, Vln. II, Vla., Vc., and Cb. Measure 25: Tpt. 1 starts with a sixteenth-note triplet, dynamics *mp* to *f*. Tpt. 2 has a quarter note, dynamics *mp*. B. D. has a quarter note, dynamics *p*. S. D. is silent. Vln. I and II have quarter notes, dynamics *mp*. Vla. has a quarter note, dynamics *mp*. Vc. and Cb. have quarter notes, dynamics *p*. Measure 26: Tpt. 1 has a quarter note, dynamics *mp* to *f*. Tpt. 2 has a quarter note, dynamics *mp*. B. D. has a quarter note, dynamics *f*. S. D. is silent. Vln. I and II have quarter notes, dynamics *mp*. Vla. has a quarter note, dynamics *mp*. Vc. and Cb. have quarter notes, dynamics *f*. Measure 27: Tpt. 1 has a quarter note, dynamics *ff* to *mf*. Tpt. 2 has a quarter note, dynamics *ff*. B. D. has a quarter note, dynamics *f*. S. D. is silent. Vln. I and II have quarter notes, dynamics *sfz*. Vla. has a quarter note, dynamics *sfz*. Vc. and Cb. have quarter notes, dynamics *sfz*. The piece ends with a *rall.* marking.

D

Meno mosso (♩=76)

28

Tpt. 1 *p*

Tpt. 2 *p*

Tub. B. Tubular Bells *p*

Vib. Vibraphone *p*
Ped. _____

Vln. I

Vln. II

Vla.

Vc. *mp*

Cb. arco *p*

Detailed description: This page of a musical score covers measures 28 through 31. The music is in 3/4 time, with a tempo marking of 'Meno mosso' and a metronome marking of quarter note = 76. The score is for a full orchestra. The woodwinds (trumpets, tuba, vibraphone) and strings (violin I and II, viola, cello) are active. The trumpets and tuba play a rhythmic pattern of eighth notes in the first measure, followed by rests. The tuba and vibraphone play a single note in the second measure. The cello and double bass play a rhythmic pattern of eighth notes. The double bass is marked 'arco' and 'p'. The dynamics range from piano (p) to mezzo-piano (mp).

(3+2+2)

31

Tpt. 1

Tpt. 2

Tub. B.

Vib.

Vln. I

Vln. II

Vla.

Vc.

Cb.

p

p

Ped.

(3+2+2)

34 **E**

The musical score consists of eight staves for different instruments. The measures are grouped into four bars, each with a 3/4 time signature. The first bar of each group is in 3/4 time, and the subsequent bars are in 4/4 time. The key signature is E major, indicated by a box with the letter 'E' at the top left. The instruments and their parts are as follows:

- Tpt. 1:** Rests in all measures.
- Tpt. 2:** Rests in all measures.
- Tub. B.:** Rests in the first and third measures. In the second measure, plays a half note G4 with a *p* dynamic. In the fourth measure, rests.
- Vib.:** Rests in all measures. A *Red.* (Reduction) bracket spans the first two measures, with a *p* dynamic below it.
- Vln. I:** Rests in all measures.
- Vln. II:** Rests in all measures.
- Vla.:** Plays a melodic line starting in 3/4 time. Dynamics include *mp espress. cresc.*, *f*, *p*, and *mp <*.
- Vc.:** Plays a bass line starting in 3/4 time. Dynamics include *p*.
- Cb.:** Plays a bass line starting in 3/4 time. Dynamics include *mp*.

37 (3+2+2)

Tpt. 1

Tpt. 2

Tub. B.

Vib.

Vln. I

Vln. II

Vla.

Vc.

Cb.

p

p

f

p

mp *espress. cresc.* *f*

pizz.

arco

pp

pizz.

Red.

42 (3+2+2)

The musical score consists of eight staves. The top two staves are for Trumpets 1 and 2, both in treble clef with a 3/4 time signature. The third staff is for Trombone, and the fourth for Vibraphone, both in treble clef with a 3/4 time signature. The fifth staff is for Violin I, the sixth for Violin II, and the seventh for Viola, all in treble clef with a 3/4 time signature. The eighth staff is for Violoncello and Contrabass, in bass clef with a 3/4 time signature. The score is divided into five measures by vertical bar lines. Measure 42 is marked with a 3/4 time signature. Measure 43 is marked with a 4/4 time signature. Measure 44 is marked with a 7/8 time signature. Measure 45 is marked with a 4/4 time signature. Measure 46 is marked with a 3/4 time signature. The score includes various dynamics such as *p*, *mp*, *f*, *sfz*, and *pp*. It also features articulations like *arco* and *Ped.* (pedal). A rehearsal mark '(3+2+2)' is placed above the first measure and below the vibraphone staff. The number '42' is written above the first measure.

46 **F** (2+2+3)

The musical score consists of eight staves for different instruments. The measures are divided into four measures, with time signatures changing from 3/4 to 4/4 to 7/8 to 4/4. A dynamic marking **F** is enclosed in a box at the top left. A rehearsal mark (2+2+3) is placed above the first measure. The instruments and their parts are as follows:

- Tpt. 1**: Rests in all measures.
- Tpt. 2**: Rests in all measures.
- Tub. B.**: Rests in measures 1 and 3; plays a half note in measure 2 with a *p* dynamic.
- Vib.**: Plays a melodic line starting in measure 1 with a *p* dynamic and a *Ped.* marking. Rests in measures 2, 3, and 4.
- Vln. I**: Plays a melodic line starting in measure 1 with a *pp* dynamic. Rests in measure 2. Continues in measures 3 and 4.
- Vln. II**: Plays a melodic line starting in measure 1 with a *pp* dynamic. Rests in measure 2. Continues in measures 3 and 4.
- Vla.**: Plays a complex rhythmic and melodic line throughout all measures. Dynamics include *mp espress. cresc.*, *f*, *p*, and *mp*. Includes an *arco* marking in measure 1.
- Vc.**: Rests in measures 1 and 2; plays a melodic line in measures 3 and 4 with dynamics *mp*, *f*, and *pp*.
- Cb.**: Rests in all measures.

53 con sord. (straight mute) (3+2) (2+3)

Tpt. 1 *pp*

Tpt. 2

Tub. B. *mp*

Vib. *mf* Ped.

(pizz.) (3+2) (2+3)

Vln. I

Vln. II

Vla.

Vc.

Cb.

58 **G** (3+2) con sord. (straight mute)

The musical score consists of eight staves. The top two staves are for Trumpets 1 and 2. The next two are for Trombone and Vibraphone. The bottom four are for Violin I, Violin II, Viola, and Cello/Double Bass. The score is divided into four measures. The first measure is in 4/4 time, the second in 5/4, and the third and fourth in 4/4. A 'G' chord symbol is above the first measure. The first trumpet part has a 'con sord. (straight mute)' instruction. Dynamics include *mp*, *mp cresc.*, *f*, and *p*. The cello part has a 'solo' instruction. The double bass part has a 'pizz.' instruction.

Tpt. 1

Tpt. 2

Tub. B.

Vib.

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp cresc.

f

p

mp cresc.

pizz.

p

mp cresc.

f

p

62

Tpt. 1

Tpt. 2

Tub. B.

Vib.

Vln. I

Vln. II

Vla.

Vc.

Cb.

f

fp

mf

sfz

sfz

Red.

f

p

mp cresc.

f

p

unis.

pizz.

mp

arco

p

Tpt. 1

p \curvearrowright *f*

Tpt. 2

con sord. (straight mute)

mp cresc. *f*

Tub. B.

Vib.

Vln. I

unis. pizz. *p*

Vln. II

pizz. *p*

Vla.

p \curvearrowright *pp* div.

Vc.

Cb.

accel. **senza sord.**

70

Tpt. 1 *f* *ff* *p*

Tpt. 2 *p* *f*

Tub. B. *mf*

Vib. *f* *Red.*

Vln. I *arco* *sfz mp cresc.* *f* *p*

Vln. II *arco* *sfz mp cresc.* *f*

Vla. *sfz mp cresc.* *f* *p*

Vc. *arco* *mp cresc.* *f* *p*

Cb. *f* *p*

Più mosso ♩=c.100

74

Tpt. 1
sfz mp cresc. *f senza sord.* *ff*

Tpt. 2
fp *f* *ff* *sfz*

Tub. B.
f
To B. D.

Vib.
f
To Anv.

Vln. I
sfz *f* *sfz* *f*

Vln. II
mp dolce cresc.

Vla.
sfz *f* *sfz* *f*
pp mp dolce cresc.

Vc.
sfz *f* *f*

Cb.
sfz *f* *f*

77

Tpt. 1

Tpt. 2

B. D.

Anv.

Vln. I

Vln. II

Vla.

Vc.

Cb.

f *sfz* *mf* *cresc.* *f* *ff*

p *f*

f *sfz* *f* *sfz* *f*

f *p* *sfz* *f*

sfz *f* *f* *p*

f *sfz* *sfz* *f* *f* *p* *divisi*

f *sfz* *sfz* *f*

81 **J**

Tpt. 1
sfz f sfz f

Tpt. 2
sfz f

B. D.

Anv.

Vln. I
sfz f sfz f

Vln. II
sfz f sfz f

Vla.
unis.
sfz f sfz f

Vc.
sfz f sfz f

Cb.
fp f

85

Tpt. 1
sfz *f* *sfz* *sfz* *mp* < *f*

Tpt. 2
sfz *sfz* *mp* < *f*

B. D.

Anv.

Vln. I
sfz *f* *sfz* *f* *sfz* *f*

Vln. II
sfz *f* *sfz* *f* *sfz* *f*

Vla.
sfz *f* *sfz* *f* *sfz* *f*

Vc.
sfz *f* *sfz* *f* *sfz* *f*

Cb.
f *p* *f* *fp* *f*

89 **K**

Tpt. 1
mp-f sfz mp-f p ff

Tpt. 2
mp-f sfz mp-f p ff

B. D.
ff

Anv.
ff

Vln. I
sfz f sfz ff

Vln. II
ff

Vla.
sfz f sfz ff

Vc.
unis. ff

Cb.
ff

93

The musical score consists of eight staves for measures 93-96. The time signature is 5/4. The instruments and their parts are as follows:

- Tpt. 1:** Treble clef. Dynamics: *mp* < *f*, *sfz*, *sfz*, *mp* < *f*, *p*, *ff*. Articulation: accents and slurs.
- Tpt. 2:** Treble clef. Dynamics: *mp* < *f*, *sfz*, *sfz*, *mp* < *f*, *p*, *ff*. Articulation: accents and slurs.
- B. D. (Bass Drum):** Percussion clef. Dynamics: *ff*. Articulation: accents.
- Anv. (Anvil):** Percussion clef. Dynamics: *ff*. Articulation: accents. Includes the instruction "To Vib." at the end of the staff.
- Vln. I:** Treble clef. Dynamics: *f*, *sfz*, *f*, *sfz*, *ff*. Articulation: accents.
- Vln. II:** Treble clef. Dynamics: *f*, *ff*. Articulation: accents.
- Vla. (Viola):** Bass clef. Dynamics: *f*, *sfz*, *f*, *sfz*, *ff*. Articulation: accents.
- Vc. (Violoncello):** Bass clef. Dynamics: *f*, *ff*. Includes the instruction "unis." at the beginning of the staff. Articulation: accents.
- Cb. (Cello):** Bass clef. Dynamics: *f*, *ff*. Articulation: accents.

L **Meno mosso** (♩=c.90)

97 (3+2) (2+3)

Tpt. 1 *p* *f* *mp* *f*³

Tpt. 2 *mp* *f*³

B. D. *p* < *ff* To Crot. Crotales

Vib. *f*³

Vln. I (2+3) *fp* < *ff* *sfz* (2+3)

Vln. II *fp* < *ff* *sfz*

Vla. *fp* < *ff* *sfz*

Vc. *fp* < *ff* *sfz*

Cb. *fp* < *ff* *sfz*

100

Tpt. 1 *p* *f* *mp*

Tpt. 2 *p* *mp*

Crot. *f* *mp*

Vib. *p* Ped.

Vln. I

Vln. II

Vla. *pizz.* *mp*

Vc. *pizz.* *mp*

Cb. *p*

104

The score consists of eight staves for the following instruments: Tpt. 1, Tpt. 2, Croc., Vib., Vln. I, Vln. II, Vla., Vc., and Cb. The music is in 4/4 time and spans four measures. Dynamics range from *pp* to *ff*. Articulations include accents, slurs, and glissandos. The Vib. part includes *Red.* markings. The Vln. I and II parts feature glissandos and slurs. The Vla. and Vc. parts are marked *arco*. The Cb. part features a *f* dynamic in the first measure.

Tpt. 1: *p*, *mf* ³, *ff*

Tpt. 2: *p*, *mf*, *ff*

Croc.: *f* ³, *mf*

Vib.: *p*, *f*, *Red.*

Vln. I: *pp*, *f*, *p*, *gliss.*

Vln. II: *pp*, *f*, *p*, *gliss.*

Vla.: *arco*, *sfz*, *mp*, *gliss.*

Vc.: *arco*, *p*, *sfz*

Cb.: *f*, *mp*, *p*, *sfz*

108 **M**

Tpt. 1

Tpt. 2

Crot.

Vib.

Vln. I

Vln. II

Vla.

Vc.

Cb.

112

The musical score consists of eight staves. The first two staves are for Tpt. 1 and Tpt. 2, both of which are silent throughout the measures. The third staff is for Crota., starting with a *sfz* dynamic and a *p* dynamic. The fourth staff is for Vib., starting with a *p* dynamic and a *ped.* marking. The fifth, sixth, seventh, and eighth staves are for Vln. I, Vln. II, Vla., and Cb. respectively, all featuring complex rhythmic patterns and dynamic markings such as *sfz*, *mp*, and *p*. The score is divided into three measures with time signatures of 2/4, 2/4, and 4/4. The first measure ends with a double bar line and the text 'To B. D.' above the staff. The second measure ends with a double bar line and the text 'To S. D.' above the staff. The third measure ends with a double bar line.

115 **N**

Tpt. 1
Musical notation for Trumpet 1, starting with a dynamic of *mp*, a triplet of eighth notes, a crescendo to *f*, and a decrescendo to *p*.

Tpt. 2
Musical notation for Trumpet 2, starting with a dynamic of *mp*, a triplet of eighth notes, a crescendo to *f*, and a decrescendo to *p*.

B. D.
Bass Drum notation with a dynamic of *p*.

S. D.
Snare Drum notation with a dynamic of *p*.

Vln. I
Violin I notation with dynamics *sfz* and *p*, and a glissando marking.

Vln. II
Violin II notation with dynamics *sfz* and *p*.

Vla.
Viola notation with dynamics *sfz* and *p*, and a glissando marking.

Vc.
Violoncello notation with dynamics *p*, *ppp*, and *mp*.

Cb.
Contrabasso notation with dynamics *p*, *ppp*, and *mp*.

119

Tpt. 1
p *f*

Tpt. 2
mp *f*

B. D.

S. D.
p *f* *p*

Vln. I
p *gliss.* *p*

Vln. II
p

Vla.
p *f*

Vc.

Cb.

3

122

The musical score consists of eight staves. Tpt. 1 starts with a forte (*f*) dynamic and a crescendo hairpin leading to a piano (*p*) dynamic. Tpt. 2 starts with a piano (*p*) dynamic and a decrescendo hairpin leading to a forte (*f*) dynamic. B. D. and S. D. enter in measure 124 with piano (*p*) dynamics. Vln. I, Vln. II, and Vla. enter in measure 123 with piano (*p*) dynamics. Vc. and Cb. enter in measure 124 with piano (*p*) dynamics. The score includes various musical notations such as slurs, accents, and dynamic hairpins.

126

rall.

Tpt. 1

Tpt. 2

B. D.

S. D.

Vln. I

Vln. II

Vla.

Vc.

Cb.

130

The musical score for measures 130-132 features the following parts and dynamics:

- Tpt. 1:** Treble clef, key signature of one sharp (F#). Dynamics: *mp* (measures 130-131), *f* (measure 131), *p* (measure 132).
- Tpt. 2:** Treble clef, key signature of one sharp (F#). Dynamics: *mp* (measures 130-131), *f* (measure 131), *p* (measure 132).
- B. D. (Bass Drum):** Dynamics: *f* (measure 131), *mp* (measure 132), *p* (measure 133).
- S. D. (Snare Drum):** Dynamics: *p* (measures 130-131), *f* (measure 131), *p* (measures 132-133).
- Vln. I:** Treble clef, key signature of one sharp (F#). Dynamics: *p* (measures 130-131), *f* (measure 131), *p* (measure 132).
- Vln. II:** Treble clef, key signature of one sharp (F#). Dynamics: *p* (measures 130-131), *f* (measure 131), *p* (measure 132).
- Vla. (Viola):** Bass clef, key signature of one sharp (F#). Dynamics: *p* (measures 130-131), *f* (measure 131), *p* (measure 132).
- Vc. (Violoncello):** Bass clef, key signature of one sharp (F#). Dynamics: *p* (measures 130-131), *f* (measure 131), *p* (measure 132).
- Cb. (Cello):** Bass clef, key signature of one sharp (F#). Dynamics: *p* (measures 130-131), *f* (measure 131), *p* (measure 132).