Waves

for a full Orchestra

by

Spyridon Tsilimparis

Submitted for the Degree of Doctor of Philosophy

School of Arts
Faculty of Arts and Social Sciences

Supervisor:

Dr. Thomas Armstrong

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'Waves', for a full orchestra, was composed in 2012. The piece constitutes an extended arrangement of the homonym original version for the piano. Duration: 08.40 (approx.)

Notes:

- The Score is transposed.
- Tempo mark reminders are indicated in *italics*.
- Tempo changes, syncopations, accents, fermatas and ritenutos should be displayed emphatically.
- Fermatas must be continually connected with the next event without interruption.
- The influence of accidentals lasts throughout the bar they appear, unless it is otherwise indicated. In certain cases accidentals are repeated during the same measure to facilitate the reading.
- Two-pitch formations, written vertically in one staff, with individual stems should be played *divisi*, by desk, unless it is otherwise specified.
- A single pitch melodic line should be played by both (1st and 2nd) players by desk, unless it is otherwise specified.
- Indications ‘1’ and ‘2’ mean that the passage must be played by the 1st or both players of the desk accordingly.

Instrumentation: Piccolo, Flute 1-2, Oboe 1-2, English Horn, Bass Clarinet, Bassoon 1-2, Contrabassoon, Horn in F 1-2, 3-4, Trumpet in Bb 1-2-3, Trombone 1-2-3, Tuba, Percussions: Timpani, Crash Cymbals, Snare Drum, Bass Drum, Tam-Tam, Glockenspiel, Harp, Piano, Strings: 14, 12, 10, 6, 4

**Percussion Scoring**

![Percussion Scoring Diagram]

Mallet suggestions:

- **Timpani**: medium / hard mallets, specified on the Score
- **Glockenspiel**: plastic mallets
- **Cr. Cymbal**: medium mallets
- **Snare Drum**: sticks with plastic tips
- **Bass Drum**: medium bass drum beater
- **Tam - Tam**: medium bass drum beater

Picc. 
Fl. 1-2 
Ob. 1-2 
E. Hn. 
B Cl. 1-2 
B. Cl. 
Bsn. 1-2 
C. Bn. 
Hn. 1-2 
Hn. 3-4 
B Tpt. 1 
B Tpt. 2-3 
Tbn. 1 
Tbn. 2-3 
Tuba 

(Temp) 

(Cr.Cymb. 

Sn. Dr. 

B. Dr. 

Tam-Tam 

Glk. 

Vln. I 

Vln. II 

(Vla. 

Vc. 

Cb. 

Pno. 

Hp. 

Perc. 

Vln. 

(Vlc. 

(Cb. 

(Tuba 

(Hard Mallets)
Picc. Fl. 1-2
Ob. 1-2
E. Hn.
Bb Cl. 1-2
B. Cl.
Bsn. 1-2
C. Bn.
Hn. 1-2
Hn. 3-4
B. Tpt. 1
B Tpt. 2-3
Tbn. 1
Tbn. 2-3
Tuba
Timp.
Cr. Cymb.
Sn. Dr.
B. Dr.
Tam-Tam
Glk.
Vln. I
Vln. II
Vla.
Vc.
Cb.
Pno.
Hp.

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at the tip
at the tip
at the tip

(a 2)
Picc.
Fl. 1-2
Ob. 1-2
E. Hn.
B Cl. 1-2
B. Cl.
Bsn. 1-2
C. Bn.
Hn. 1-2
Hn. 3-4
B Tpt. 1
B Tpt. 2-3
Tbn. 1
Tbn. 2-3
Tuba
Timp.
Cr.Cymb.
Sn. Dr.
B. Dr.
Tam-Tam
Glk.
Vln. I
Vln. II
Vla.
Vc.
Cb.
Pno.
Hp.