








# WAVES

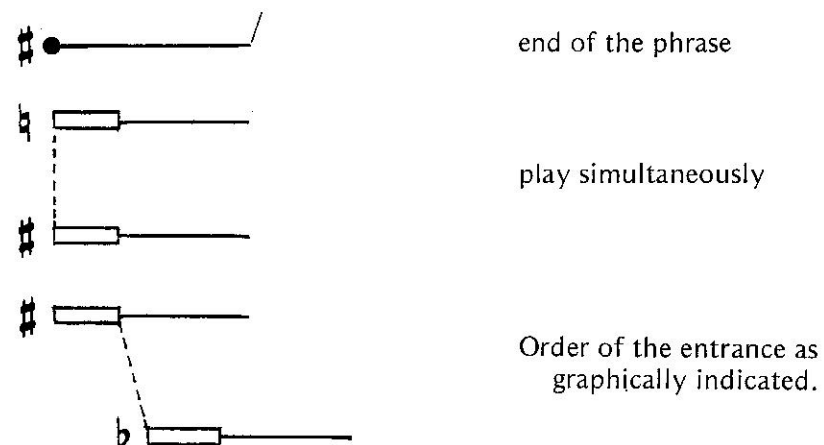
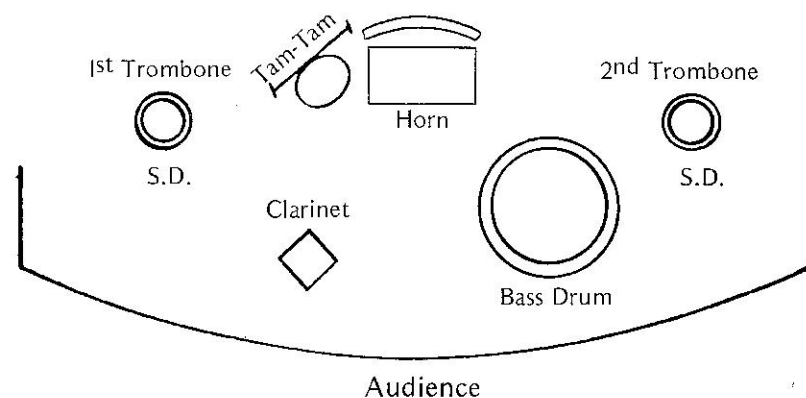
for clarinet solo accompanied with horn, 2 trombones and bass drum.

## Notes for Performance

*Symbols for all instruments*

b		very long note
#		sustaining note (indicated proportionally)
b		short note
!		very short with strong accent
		1/4 tone above
		1/4 tone below
flutt.		flutter-tonguing
vib.		with vibrato
n.v.		without vibrato
l.v.		let vibrate
d.a.		dying away (molto diminuendo)

## Seating Arrangement



end of the phrase

play simultaneously

Order of the entrance as graphically indicated.

★ Clarinet and Horn are written in transposition.

★★ The dynamics of the Horn and Trombone should be balanced.

### for clarinet (play without chair)

This piece is written for a Herbert Wurlitzer B $\flat$  clarinet, although most of the special fingering can be applied to another type clarinet.

N. normal tone  
 O. flageolet tone  
 N.O.N.O.----- alternate between N. and O. rapidly  
 A. pr. with much air pressure.  
 R. Register Key

● closed      ○ open      ● half closed

### for trombones (play without chair)

Trombone is to be played with bass trigger, and a snare drum should be set just in front of each player.

mutes:



plunger mute



cup mute



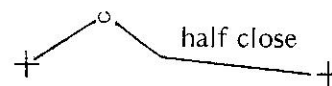
small straight mute



close the plunger



open the plunger



position of the plunger



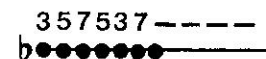
turn trombone to Right (Left)  
 from the front while playing.



let down bell of the trombone near  
 snare drum.



back to ordinary playing (face front)



enharmonic change. rapid alterna-  
 tion of the indicated positions,  
 holding the same note throughout.

### for horn (play with chair)

Suspended large tam-tam should be set near the right side of chair. Blow against tam-tam as instructed in score.

### for bass drum

It is desirable that tremolo be very precise, and crescendo to be heard like the tide of the ocean.



Special thanks to Toshiaki Morita for his enthusiastic collaboration in developing new multiphonic possibilities.

**WAVES** toru takemitsu

(alternate rapidly)

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*a little rush*

*rall.*

*slow gliss.*

*vib.*

*flutt.*

*tr.*

*pp* *f* *cresc.* *sffz* *mf* *p* *f* *p* *piuf* *p* *pp* *sfz* *pp* *ff* *pp* *sf*

*flutt. A.pr.*

*N.V.*

*slow as lowest as possible gliss. d. a. pppp*

*slowly gliss. 1/4 tone*

*pppp*

*immediately*

*blow against Tam tam (bouché) N.V.*

*cuivre* *sfz* *ppp*

*silence*

*ppp*

Handwritten musical score for five staves, featuring various musical notations, dynamics, and performance instructions.

**Staff 1 (Treble Clef):**

- Initial instruction: *N. vib. molto*
- Dynamic markings: *fff (stay)*, *sfz*, *pp*, *p*, *mf*, *sub. pp*, *p*, *sfz*, *ppp*, *sub/ff*, *sub. pp*
- Performance instructions: *freely*, *rapidly accel. roll.*, *flutt.*, *as possible*
- Chord diagrams:  $\begin{smallmatrix} T \\ E \\ C\# \end{smallmatrix}$ ,  $\begin{smallmatrix} R \\ T \\ \dots \end{smallmatrix}$ ,  $\begin{smallmatrix} T \\ G\# \\ F \\ F\# \end{smallmatrix}$

**Staff 2 (Clefless):**

- Dynamic marking: *sfzpp*
- Performance instruction: *molto*
- Diagram:  $\begin{smallmatrix} L \\ C \end{smallmatrix}$

**Staff 3 (Clefless):**

- Dynamic marking: *sfzpp*
- Performance instruction: *molto*
- Diagram:  $\begin{smallmatrix} R \\ C \end{smallmatrix}$

**Staff 4 (Treble Clef):**

- Instruction: *blow against Tam tam*
- Dynamic marking: *ff*
- Performance instructions: *dim. molto*, *d.a.*, *cuvré*, *bouché*

**Staff 5 (Clefless):**

- Dynamic marking: *mf*
- Performance instructions: *d.a.*, *silence*, *sfz*, *pp*, *sfz*

**Annotations:**

- A dashed line labeled *immediately* connects the *sub/ff* marking on Staff 1 to the *sfz* marking on Staff 5.

Handwritten musical score for a single melodic line, likely for a violin or flute, with dynamic markings and performance instructions.

**Handwritten Annotations:**

- un-el.* (unaccompanied)
- roll* (roll)
- tr.* (trill)
- very rapid*
- sfz* (sforzando)
- pp* (pianissimo)
- ppp* (pianississimo)

**Dynamic Markings:** *mfz*, *p*, *mf*, *pp*, *f*, *p*, *mf*, *f*, *p*, *f*, *f*, *mp*, *f*, *pp*, *sfz*, *pp*.

The score is written on a single staff with a treble clef. The key signature is one sharp (F#). The tempo is marked *very rapid*. The score includes various musical notations such as notes, rests, trills, and slurs. The bottom of the page features a large, empty staff system, suggesting a multi-staff score where other instruments are present but their parts are not visible on this page.

Handwritten musical score on five staves. The first staff contains musical notation with various dynamics and performance instructions. The other four staves are empty.

**Staff 1 (Musical Notation):**

- First measure: *pp* (pianissimo), *mf* (mezzo-forte), *p* (piano).
- Second measure: *pp* (pianissimo).
- Third measure: *sf* (sforzando), *sfz* (sforzando), *dim molto* (diminuendo molto).
- Fourth measure: *mf* (mezzo-forte), *p* (piano).

**Performance Instructions and Annotations:**

- sotto voce* (written above the staff).
- Two diagrams labeled *R T* with notes *D#* and *G#* (written above the staff).
- flut. .... ord. ....* (written above the staff).
- rall.* (written above the staff).
- N.V.* (written below the staff).
- A vertical dashed line is drawn across the staves.
- A small square box is drawn on the right side of the first staff.

**Bottom Staff (Performance Instructions):**

- slowly* (written above the staff).
- gradually* (written above the staff).
- mf* (mezzo-forte) (written above the staff).
- d.a.* (written below the staff).



Handwritten musical score for a drum set, featuring five staves with various musical notations and performance instructions.

**Staff 1 (Top):** Includes trills (tr.), flutters (flutt.), and dynamic markings: *pp*, *p (stay)*, *p*, *mf*, *p*, *sf*, *p*, *mf*, *(sfz → pp)*, *sfz pp*, *mf*, *p*. A wavy line indicates *slowly*. A wavy line with *N.V.* (Non-Vibrato) is present. A wavy line with *vib.* (Vibrato) is present. A wavy line with *N.O.* (Non-Overtone) is present. A wavy line with *N* (Non-Attack) is present. A wavy line with *tr.* (Trill) is present.

**Staff 2:** Includes *accel.* (acceleration) and *rall.* (rallentando) markings. A wavy line with *slow gliss.* (slow glissando) is present. A wavy line with *poco* (poco) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *d.a.* (drum attack) is present.

**Staff 3:** Includes *open* (open) marking. A wavy line with *ppp* (pianissimo) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *d.a.* (drum attack) is present.

**Staff 4:** Includes *legato* (legato) marking. A wavy line with *ppp* (pianissimo) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *d.a.* (drum attack) is present.

**Staff 5 (Bottom):** Includes *poco* (poco) marking. A wavy line with *p* (piano) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *espressivo* (espressivo) is present. A wavy line with *p* (piano) is present. A wavy line with *ppp* (pianissimo) is present. A wavy line with *d.a.* (drum attack) is present.

**Performance Instructions:**

- ad lib.* (ad libitum)
- After hearing brass playing, rub the skin of the drum with finger)*
- to get various over tone as sound of ocean*
- PLAY SPATIALLY AND UNEVENLY**

*very rapid*  
NONON  
*bababababa*

*as fast as possible.*

*quasi flutt.*

*quasi trill.*

(fff) keenly

pp cresc. gradually

(f) molto dim. ppp

with ordinary beater

ppp  $\langle P \rangle$  ppp

Handwritten musical score for three percussion parts: Snare Drum (S.D.), Tom-tam, and a low-frequency part. The score includes dynamic markings (sfz, ff, fff, ppp, mf, p, f), articulation (accents, slurs), and performance instructions like "blow strongly against snare drum" and "bouché". A "slowly" tempo marking is at the top right. The bottom part has a "cresc." marking and a "molto" tempo marking.

Handwritten musical score for five staves. The top staff contains a melodic line with various dynamics (pp, p, mf, pp, p) and articulations (accents, slurs). The other four staves are mostly empty, with 'dim' markings and a final 'mp' marking at the bottom right. The score is marked with stars at the end of each staff.

★Waves can stop at this moment. However, it is desirable that, with bass drum player as leader, the horn and two trombone players keep playing for about 40 seconds to 90 seconds. That is to say, all players (except for clarinet) give an imitation of the sound of the ocean; for example, waves, tide and spray, with their own instrument through the medium of snare drums for trombones and tam-tam for horn. When doing these imitations, the players should not produce normal tones; should use only breath and voice, and playing should proceed with time and in spatial relationship between bass drum and one another. In a case of the bass drum, the player is expected to devise ways to get a variety of sounds.