

imperfections on the surface are occasionally apparent (2009)

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programme note

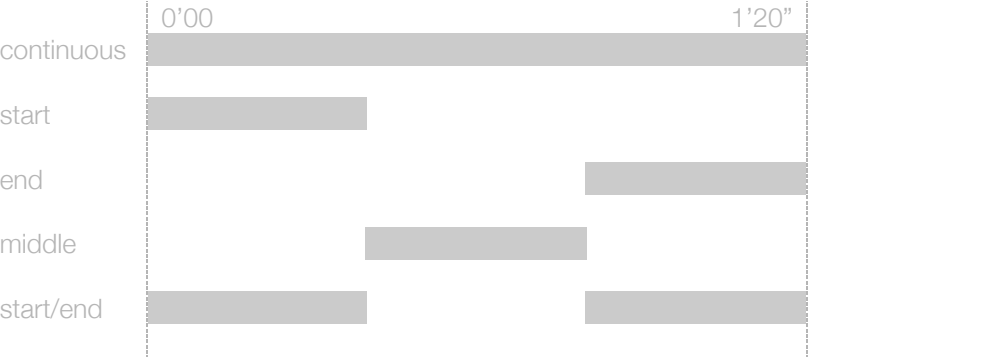
*imperfections on the surface are occasionally apparent* (2009) is for ten players, each with a coffee cup and five different surfaces. Players draw their cup across their surfaces as a means of sounding them, through a sequence of timed actions. The piece is part of the series *divisions that could be autonomous but that comprise the whole* (2009- ) and was written for the Dogstar Orchestra

performance information

ten players, seated in a line at tables, facing the audience  
each player has a single card coffee cup and five surfaces  
each surface should be sonically different, such that there are fifty surfaces in total  
surfaces should be large enough to allow for continuous friction sounds  
all actions comprise drawing the coffee cup across a surface to produce a noise/pitch tone as follows:

[drag]	constant, steady dragging across the indicated surface – avoid articulations or direction change where possible
[circle]	a faster circling action
U	use base of cup on surface
∩	use rim of cup on surface (upside down)

each player has ten score pages  
these should be distributed between the players such that each has five pages with actions [1'20"], and five with silences [1'00"]  
each player should have one of each of the following action placements:



one surface should be used per page (including those with two actions)  
pages are played in any sequence

use carefully synchronised stopwatches

duration: 11'40"

*imperfections on the surface are occasionally apparent* was written in September 2009 for the Dogstar Orchestra

coffee cup on surface

[circle]  $\Pi$   
o \_\_\_\_\_  
1'20"

coffee cup on surface

$[diag] \begin{matrix} \diagup \\ \diagdown \end{matrix}$   
0  
 $1'20''$



coffee cup on surface

[drag] 11  
o \_\_\_\_\_  
120"

coffee cup on surface

$$\begin{array}{r} [\text{drag}] \downarrow \\ 0 \text{ ————— } \\ 1'20'' \end{array}$$

coffee cup on surface

[circle]  $\Pi$   
o —————  
1'20"

coffee cup on surface

[circle] V  
o \_\_\_\_\_  
120°

coffee cup on surface

[drag] 11  
0 \_\_\_\_\_  
120"

coffee cup on surface

[drag] U  
1'20"

coffee cup on surface

[circle] U  
o \_\_\_\_\_  
1'20"

[1'20"]

coffee cup on surface

[cirde] 7

o —————

1'20"

[i'zo']



coffee cup on surface

[circle]  $\sqcap$

o —————

45"

35"

coffee cup on surface

[drag] W  
o \_\_\_\_\_  
43"

37"

coffee cup on surface

[circle] V  
o \_\_\_\_\_  
40"

40"

coffee cup on surface

[drag]  $\square$   
0  
38"

42"

coffee cup on surface

[circle]  $\Pi$   
o \_\_\_\_\_  
31"

49"

coffee cup on surface

[diag] W  
o —————  
28"

52"

[1'20"]

coffee cup on surface

[circle] V  
0 —————

21"

59"

coffee cup on sulfate

[diag]  $\square$

o —————

17"

1'03"



coffee cup on surface

[circle]  $\sqcap$

0 —————

q''

1''

coffee cup on surface

[drag]  $\sqcup$   
0 —————

3"

1'17"

coffee cup on surface

25"

[drag]  $\sqcup$   
o  
29" 26"

Coffee cup on surface

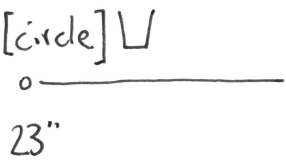
28"

$$\begin{array}{r} [drag] \Pi \\ \hline 25'' \end{array}$$

27"

coffee cup on surface

29"



28"

coffee cup on surface

30"

$$\frac{[\text{circle}] \Pi}{19''}$$

31"

coffee cup on surface

33"

[drag] L/  
°  
15"

32"

coffee cup on surface

33"

[diag]  $\square$   
0  
13"

34"



coffee cup on surface

35"

[circle] L  
o —————  
11"

34"

[120°]

coffee cup on surface

36"

[circle]  $\Pi$   
0 —————  
7"

37"

coffee cup on surface

38"

$$\begin{array}{r} [\text{diag}]N \\ \hline 5'' \end{array}$$

37"

coffee cup on surface

39"

$$\begin{array}{r} [drag] \Pi \\ \hline 1'' \end{array} \quad 40''$$

coffee cup on surface

41"

$$\begin{array}{r} [diag] \text{ L} \\ \hline 39'' \end{array}$$

coffee cup on surface

33"

[circle] 11  
0 —————  
47"

coffee cup on surface

48"

$$\begin{array}{r} [circle] \sqcup \\ 0 \hline 32'' \end{array}$$

coffee cup on surface

53"

$$\frac{[\delta^{18}O]_{\text{p}}}{27"}$$

[1'20"]



coffee cup on surface

59"

$$\begin{array}{r} [circle] \cap \\ 0 \hline 22'' \end{array}$$

coffee cup on surface

1'04"

$$\frac{[\delta_{ay}] \vee}{2} \underline{\hspace{1cm}}$$

16"

coffee cup on surface

110"

[cicle] V  
o  
10"

[1'20"]

coffee cup on surface

1'18"

$$\frac{[\text{diag}] \cap}{0} \over 2''$$

coffee cup on surface

34"

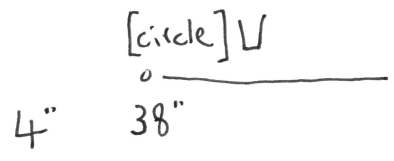
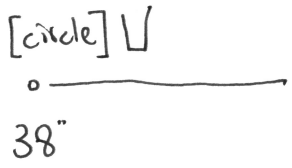
[circle] L  
o \_\_\_\_\_  
46"

coffee cup on surface

36"

[diag] 17  
0  
44"

coffee cup on surface



coffee cup on surface

[circle]  $\Pi$   
o —————  
37"

6" [circle]  $\Pi$   
o —————  
37"



coffee cup on surface

$$\frac{[\text{drag}] L}{36''}$$

8''

$$\frac{[\text{drag}] L}{36''}$$

coffee cup on surface

[diag] 11  
0  
34"

12"

[diag] 11  
0  
34"

coffee cup on surface

[circle] V  
° \_\_\_\_\_  
33"

14"

[circle] V  
° \_\_\_\_\_  
33"

coffee cup on surface

[circle] ▯  
°  
31"

18"

[circle] ▯  
°  
31"

coffee cup on surface

[drag] U  
o \_\_\_\_\_  
30"

20"

[drag] U  
o \_\_\_\_\_  
30"

coffee cup on surface

$$\begin{array}{r} [\text{drag}] \Gamma \\ \hline 28'' \end{array}$$

24''

$$\begin{array}{r} [\text{drag}] \Gamma \\ \hline 28'' \end{array}$$

coffee cup on surface

[circle] V  
°  
27"

26"

[circle] V  
°  
27"

coffee cup on surface

[circle] 11  
25"

30"

[circle] 11  
25"



1'00