

Survey

Paul Burnell

Below are numbered instructions for realising this instrumental composition that includes location recordings and musical notation generated from map references.

1. On a map identify recording and performance points.
For example: a travel route with several recording points and a final performance point.
Another example: a square with 4 corners for recording points and a centre performance point. The square could be any size; 100 metres/sq, 1000 m/sq, 1km/sq, etc. If necessary visit the recording and performance points beforehand to confirm that they are suitable.
2. Identify numerical map references for the chosen recording and performance points; for example northing/easting references, latitude/longitude references etc.
3. For each map reference use Table A to generate a rhythm using the map reference as a single numerical sequence. Ignore decimal points if latitude/longitude coordinates were used.

Table A

0	1	2	3	4	5	6	7	8	9
minim rest	breve	minim	crotchet	quaver	semiquaver	dotted minim	dotted crotchet	dotted quaver	crotchet rest
with pause		with pause							with pause

4. Identify the dates on which you will record and perform.
5. Use the following two steps to generate note names for each date.
Step one - Translate letters within the dates into a number sequence by using Table S1 below.
For example: 02 September 2019 = 027378362372019

Table S1

		a	d	g	j	m	p	t	w
		b	e	h	k	n	q	u	x
		c	f	i	l	o	r	v	y
							s		z
0	1	2	3	4	5	6	7	8	9

Step two - generate note names from the number sequence using Table S2 below.

Table S2

0	1	2	3	4	5	6	7	8	9
F	C	G	D	A	E	B	F#	C#	G#

6. Combine the rhythm and note names for each location into a separate sequenced table. It is likely that the number of rhythmic units and number of notes will be different, so you may repeat the patterns until they come into synchronisation.

7. Transform the table data into standard sheet music notation for each of the intended location recording and performance points.. Those cells that have rests will delete the pitch - do not re-sequence the pitches. Any note can be transposed at the octave - higher or lower by many octaves. Add text to the header of the music. "Pauses optional; tempo, dynamics and articulation ad lib., repeat as many times as desired". Add the Title: Survey'. Add a bracketed subtitle that includes the recording or performance date and map reference. Add the composer name 'Paul Burnell' and add the name of the person that has realised the composition.

8. Go to the first recording location on the identified date and take:

- instrument and sheet music, suitable clothing, music stand, audio/video recording device.

and do the following:

- set up music stand and music at the point that corresponds with the map reference.
- set up sound/video recording device to take pictures and capture sound
- start recording
- capture background sounds (say for a minute approximately) then perform the notated music (say for another minute). Do not be too concerned about the quality of the recording or the type of background sounds that are captured.
- stop recording
- tidy up - leave no trace.

Repeat this process for all the other identified locations.

9. On a suitable device loop the location recordings in their entirety. Overlay the loops in a staggered structure with increasing/decreasing reverberation and/or other suitable effects. Each of these transformations are presented within a long overall crescendo and diminuendo - over 2-3 minutes approximately- then each transformation staggered so that they very slowly 'rotate' around the virtual acoustic space. The total length of the looped and transformed recordings is left to the discretion of the realiser.

10. Assemble the recordings/photos etc. into a suitable format for concert performance or an art gallery installation .

11. Perform at the identified performance location together with the audio/visual recordings.

Survey was first performed at the Mile End Art Pavilion, London. The location recordings were made at the corners of a plotted 100-metre square around the Pavilion on 27 May 2012. The transformed recordings were played on four speakers pointing outwards from a 1-metre square area, with photographs and music taken at the time of recording placed on four music stands. The total duration of these recordings was 57 minutes. Paul Burnell performed live in the centre of the 1-metre square together with the location recordings on 7 July 2012.

The sheet music and photographs from that performance and location recordings are appended.



This photograph © Kerry Andrews

Survey

(27 May 2012 51.527284 -0.03879612, NW)

Paul Burnell

Pauses optional; tempo, dynamics and articulation ad lib., repeat as many times as desired



[Link for All Points](#) | [Elevation Chart](#) | [Export Points to CSV](#)

X (Easting)	Y (Northing)	Latitude	Longitude	Description (ID)
136136	182703	51.524823	-0.038033611	Centre
136248	182753	51.527260	-0.037353081	NE
136148	182653	51.526385	-0.038833227	SW
136140	182753	51.527284	-0.038794812	NW
136248	182653	51.526361	-0.037392625	SE

Survey

(27 May 2012 51.527260 -0.037353981, NE)

Paul Burnell

Pauses optional; tempo, dynamics and articulation ad lib., repeat as many times as desired



Survey

(27 May 2012 51.526385 -0.038835227, SW)

Paul Burnell

Pauses optional; tempo, dynamics and articulation ad lib., repeat as many times as desired



Survey

(27 May 2012 51.526361 -0.037392625, SE)

Paul Burnell

Pauses optional; tempo, dynamics and articulation ad lib., repeat as many times as desired



1 minute
ruba / tempo
dyl
2 mins
North west
once through

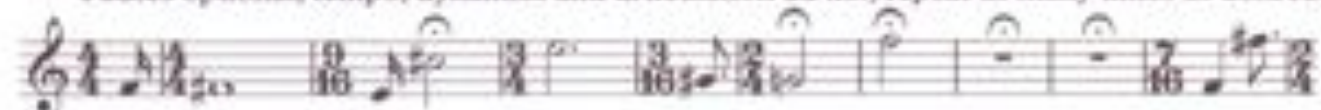
Enter with compass
play
Exit with compass
(incl. f. swelling)

Survey

(07 July 2012, 51.526822 -0.038090050, Centre)

Paul Burnell

Pauses optional; tempo, dynamics and articulation ad lib., repeat as many times as desired



Ends with 'South East'



100 metre square
Mile End Art Pavilion
North West Corner
27 May 2012

Leaves rustling in trees, people strolling, playing above



100 metre square
Mile End Art Pavilion
North East Corner
27 May 2012
Trains traffic, playing oboe



100 metre square
Mile End Art Pavilion
South West Corner
27 May 2012
People sunbathing, picnic, berimbau, laughing, dancing, playing oboe



100 metre square
Mile End Art Pavilion
South East Corner
27 May 2012
Bird song, leaves rustling in trees, playing oboe