

APPENDIX I
THE TECHNICAL SPECIFICATIONS OF
THE SONIC RESEARCH STUDIO
(SPRING 1971)

1. Generation and Transformation of Sound.

Buchla electronic music system modular system #2

- 3 six channel mixers 106
- 1 voltage controlled mixer 107
- 2 voltage controlled gate 110
- 1 dual ring modulator 111
- 3 touch controlled voltage sources 112-4
- 1 sequential voltage source 123
- 1 patch board
- 2 timing pulse generators 140
- 1 dual square-wave generator 144
- 1 sequential voltage source 145
- 2 control voltage processors 156
- 4 dual sine-sawtooth generators 158
- 1 white noise generator 160
- 1 random voltage source 165
- 1 dual microphone preamplifier 170
- 2 dual attack generators 180
- 1 dual reverberation 190

Moog synthesizer

- 2 oscillator controllers 901A
- 1 voltage controlled oscillator 901
- 4 oscillators 901B
- 2 voltage controlled amplifiers 902
- 1 white sound source 903
- 1 voltage controlled low pass filter 904A
- 1 voltage controlled high pass filter 904B
- 1 filter coupler 904C
- 2 envelope generator 911
- 2 envelope follower 912
- 1 extended range fixed filter bank 914
- 1 keyboard controller 950
- 1 ribbon controller 956
- 1 four channel mixer 984
- 1 bode dual ring modulator 6402
- 4 Sine-square wave audio generators Lafayette TE22
- 1 Custom-built variable speed tape playback unit
- 1 Dual turntable 1009
- 1 Dyna stereo preamplifier pas-3x
- 2 Fairchild autoten automatic attenuators 661TL
- 1 Fairchild reverberation system 658A
- 2 Fairchild compressors 663NL
- 2 Krohnkite variable band-pass filters 3100R

2. Recording of Sound.

- 2 Ampex stereo two-track tape recorders AF-350-2
- 1 Ampex 4-track tape recorder AG-440
- 1 TEAC stereo tape recorder R314C
- 2 Uher tape recorders half-track 4000 Report L

3. Analysis of Sound.

- 1 Sound level meter General Radio 1551-C
- 1 Level recorder Bruel & Kjaer 2305 (AC and DC. 2 to 200,000 Hz)
- 1 Spectrum analyzer tektronics 315
- 1 Distortion analyser Hewlett-Packard 333.A
- 1 Sound level calibrator Bruel and Kjaer 4230
- 1 Sine-square wave generator Hewlett-Packard 204C-01

4. Future Equipment Planned.

- 1 Real-time 1/3 Octave analyser Bruel & Kjaer 334F
(Analysis of non-stationary pass or impulse signals;
video display on 12" picture tube)
- 1 Sound Mixer - 15 inputs, 60 outputs with equalizers
and filters for each output
- 1 8-track Scully tape recorder 228-8
- 1 Nagra stereo portable tape recorder
- 1 Uher stereo half-track tape recorder 4200L
- 1 Instrumentation recorder Hewlett-Packard 3960G
- 1 Sony 4-track (in line) tape recorder TC 366-4
- Special effects microphones (shotgun; underwater
and other accessories.

Source: Murray Schafer, "Proposal to the Donner Canadian
Foundation: Studies in the World Soundscape",
September 28, 1971, pp. 7-9.

APPENDIX II

PROGRAMME GUIDE: NOISE WORKSHOP

NOISE WORKSHOP

Welcome to your Noise Workshop. We have designed the program so that you can take in the events in any order but we suggest you take part in the TALK SHOP last. The location of these events are as follows (see map):

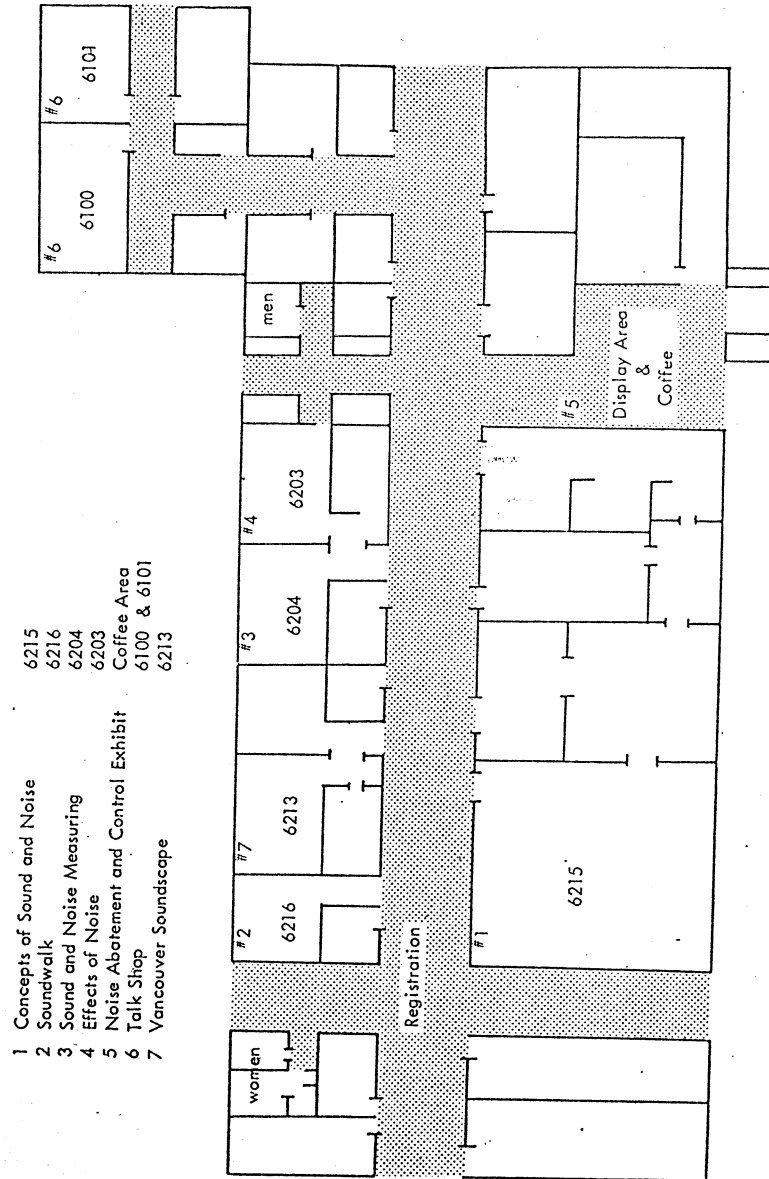
1. CONCEPTS OF SOUND AND NOISE	6215
2. SOUNDWALK	6216
3. SOUND AND NOISE MEASURING	6204
4. EFFECTS OF NOISE	6203
5. NOISE ABATEMENT AND CONTROL	Coffee
MEASURING	Area
6. TALK SHOP	6100 & 6101

All events (except 5 and 6) start on the hour and half hour and run for 20 - 25 minutes. (A foghorn will signal the start of each event.)

The exhibit (Event 5) is open continuously and coffee will be served in this area. (Staff will also be in attendance to answer questions.)

The TALK SHOP (Event 6) will run for up to 1 hour starting in Room 6100 on the hour and 6101 on the half hour.

We have added an additional event (7) VANCOUVER SOUNDSCAPE. This audio presentation of the sounds of vancouver will run continuously in Room 6213.



Source: World Soundscape Project, "Noise Workshop," a programme guide prepared for the Noise Workshop at Simon Fraser University, December 1973.

APPENDIX III

PROGRAMME GUIDE: A SOUNDSCAPE EVENING WITH THE WORLD SOUNDSCAPE PROJECT

THE VANCOUVER NEW MUSIC SOCIETY
presents

A Soundscape Evening with The World Soundscape Project

October 25, 1974. 8:00 P.M.
Images Theater. Simon Fraser University

PROGRAM

8:00 P.M. General Meeting and Introduction in the Images Theater
8:20 P.M. First Listening Session
9:00 P.M. Second Listening Session
10:15 P.M. Panel Discussion, Images Theater

Listening Sessions

Location	Program I (begins at 8:20 sharp)	Program II (begins at 9:00 sharp)
Images Theater	<u>Soundscape Study</u> (Space-Time Rhythms) by Barry Truax Presented by Barry Truax	<u>Six Themes of the Soundscape</u> by Barry Truax & R. Murray Schafer
Arts Theater (Mall)	<u>Dawn Chorus</u> by Bruce Davis & Barry Truax Presented by Peter Huse	<u>Directions</u> by Peter Huse
Blue Room (North Concourse)	<u>Games</u> by Bruce Davis Presented by Howard Broomfield	<u>A Radio Programme about Radio</u> by Howard Broomfield
CC 6203 (Classroom Complex)	<u>Bells of Percé</u> by Bruce Davis Presented by Bruce Davis	<u>Okeanos</u> by R. Murray Schafer, Bruce Davis & Brian Fawcett
CC 6213 (Classroom Complex)	<u>The Vancouver Soundscape</u> Presented by Adam Woog	<u>Summer Solstice</u> by Barry Truax & Bruce Davis

Source: The Vancouver New Music Society, "A Soundscape Evening with The World Soundscape Project," programme guide prepared for A Soundscape Evening at Simon Fraser University, October 1974.

APPENDIX IV PROGRAMME: CANADIAN SOUNDSCAPE

A New Music Concerts' Presentation Saturday, January 11, 1975		CANADIAN SOUNDSCAPE PROGRAMME		Edward Johnson Building, University of Toronto	
Walter Hall (main auditorium): THE VANCOUVER SOUNDSCAPE - an event combining taped sound with live readings and commentary by members of the World Soundscape Project.		PART I		8:30 p.m.	
Walter Hall (main auditorium) Presented by Peter Huse		PART II		8:30 p.m.	
SOUNDMARKS (by Peter Huse) A composition recreating the acoustic profile of community sounds unique to Canadian locales, from Newfoundland to Ontario.		Seven Presentations, Four Simultaneous Listening Situations		9:30 p.m.	
BELLS OF PERCE (by Bruce Davis) The bells of the church in the old fishing village of Perce, Ontario, which revolves around an impromptu interview with a parish priest and recordings of the bells themselves, which figures in the legends and folklore of the area.		PART III		10:00 p.m.	
Walter Hall (main auditorium): Panel discussion, Question and Answer period, and General comments with members of the World Soundscape Project.		PART IV		10:30 p.m.	
Walter Hall (main auditorium): Panel discussion, Question and Answer period, and General comments with members of the World Soundscape Project.		PART V		10:30 p.m.	

*NEW MUSIC CONCERTS' subscribers - don't forget to ask for your free records and booklet of The Vancouver Soundscape, available in Walter Hall lobby throughout the evening.

Source: New Music Concerts, "Canadian Soundscape," a programme prepared for "An Evening with Members of the World Soundscape Project: Canadian Soundscape" at University of Toronto, January 1975.

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