

Detection Amsterdam 2012

Martin Howse

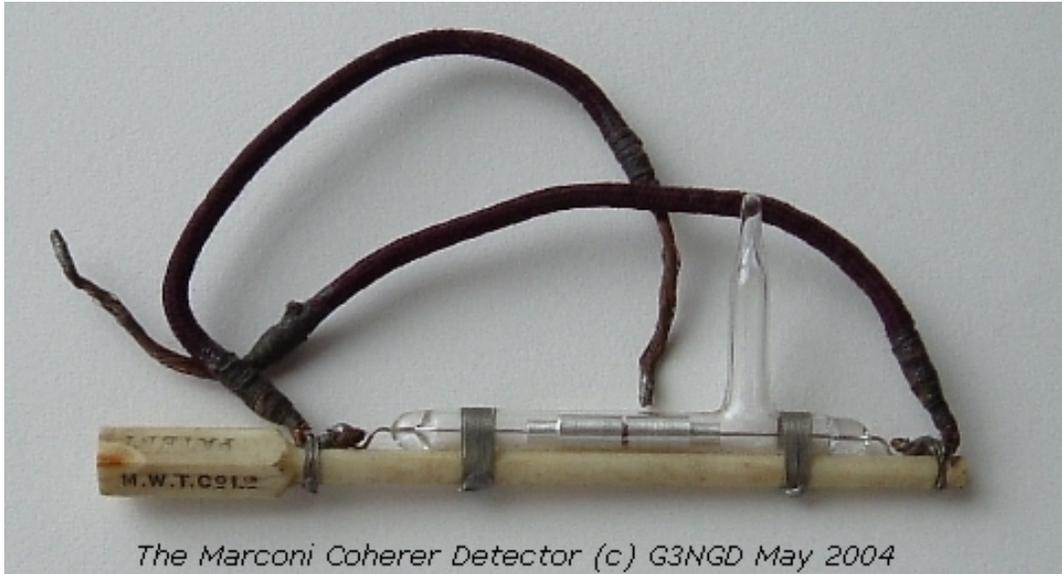
13 December 2012

revealing

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enweltenan.....

How can one hide before that which never sets?
[Heraclitus. Frag. 16]

//



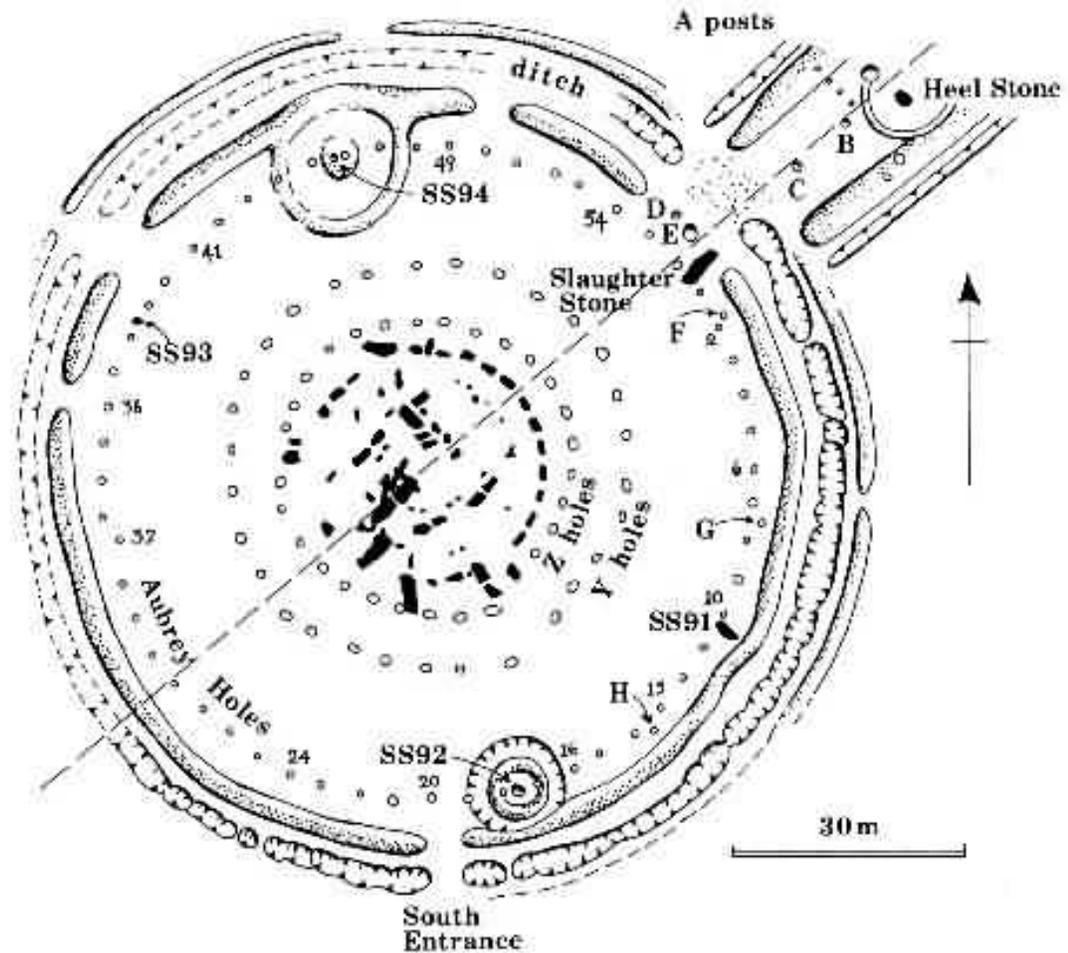
I recorded a few minutes in all three rooms. I recorded the toilet flushing and the shower running. I recorded the water running in the kitchen sink, the rattle of dishes and the opening and closing and hum of the refrigerator. I recorded on the balcony. Now I lay down on the bed and read some selections from *The Magus* into the recorder.

[William S. Burroughs. *Cities of the Red Night*]

... the necessary knowledge is that of what to observe

[Edgar Allen Poe. *Murders in the Rue Morgue*]

sonic/psychic archaeology



The pick was [then] used to hammer on the surface, and by this means, the Angle Ditch was discovered. The sound produced by hammering on an excavated part is much deeper than on an undisturbed surface, a circumstance worth knowing when exploring a grass-grown downland, though not applicable to cultivated ground.

[Augustus Pitt Rivers. Excavations in Cranborne Chase. Volume IV. 1895]

Day One:

quantum typewriter

Nick Herbert: <http://www2.cruzio.com/~quanta/meta.html>
fixed now for RNG serial character stream

python quantum.py

classical EVP/ITC

Detection and excitation. A set of experiments.

A survey and classification of EVP/ITC techniques:

1] Microphone recordings (including use of audio frequency white noise)

Excitation by way of wide-band white noise flooding the room (generated electronically and/or through amplification of physical processes such as running water). The magnetic tape or cassette recorder is used as a detector, with recordings played back for subsequent aural analysis (detection). Recordings are also made with no excitation or carrier, and the recorder is also used where any audible detection is implied (with, for example, excitation by way of radio waves, detection by diode). This audible form of detection characterises EVP practice, as opposed to ITC, which embraces all forms of technological trans-communication.

2] Diode recordings

Encompassing excitation by way of radio transmission (the use of a signal generator within Raudive's autotransmission method, the use of high frequency (HF) or HF modulated white noise). Detection is by way of the simple diode detector (a germanium diode attached to the tape recorder), or stock AM radio receiver. Excitation can also be ignored or handed off to other parties (the inter-frequenz method of Raudive tuning between broadcast stations, the various frequencies assigned by different researchers such as Juergenson). Subject to further encodings we could also group here messages received by way of telegraph (in Morse code) and by telephone (Phone Calls From the Dead - 1980 - Rogo and Bayless).

3] Inter-frequenz method (Raudive) - tuning to a point between broadcast stations.

- Radio frequency for EVP

Jurgenson frequency range: medium wave (MW) 1480 KHz (1,48 MHz)

Hans Otto Koenig frequency range: short wave (SW 31 m band 10 MHz and SW 41 m band 7 MHz)

Marcello Bacci frequency: SW 7 to 9 Megahertz,

Raymond Cass frequency: 127 MHz (air band frequency).

4] Autotransmission (Raudive):

signal generator connected directly to aerial socket of a radio

5] Infrasound/ultrasound



Few experiments are documented, but mention is made of a Mr Stark, experimenting with the modulation of an ultrasonic carrier through arrangements of thin tubing. [The Mediumship of the Tape Recorder: A Detailed Examination of the (Jurgenson, Raudive) Phenomenon of Voice Extras on Tape Recordings - David J. Ellis. pp73]

7] computer and software - evp.c

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...../manchemenschenodertierewerdenhier  
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eunterschiedekommenwissenwirnicht/amendedeswachstumsprozessesoderdesverjungungsprozes  
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elnewundeheiltabervielperfektergliedmassenkonnennachwachsenblindesehenwiederetc/gross  
ehaarfarbeundfarbederhautkannnichtselbstgewahltwerdensondersinddiegleichenwiesiezule  
bzeltenaufderanderenseitewaren/hierinderweltdesflusseskommenwesenausallenexisdtierend  
enweltenan.....
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References: Manfred Boden (changes to a computer listing on cassette tape, Ken Webster (on screen, or paranormally modified floppies), Maggy and Jules Harsch-Fischbach (messages on screen or hard disk).

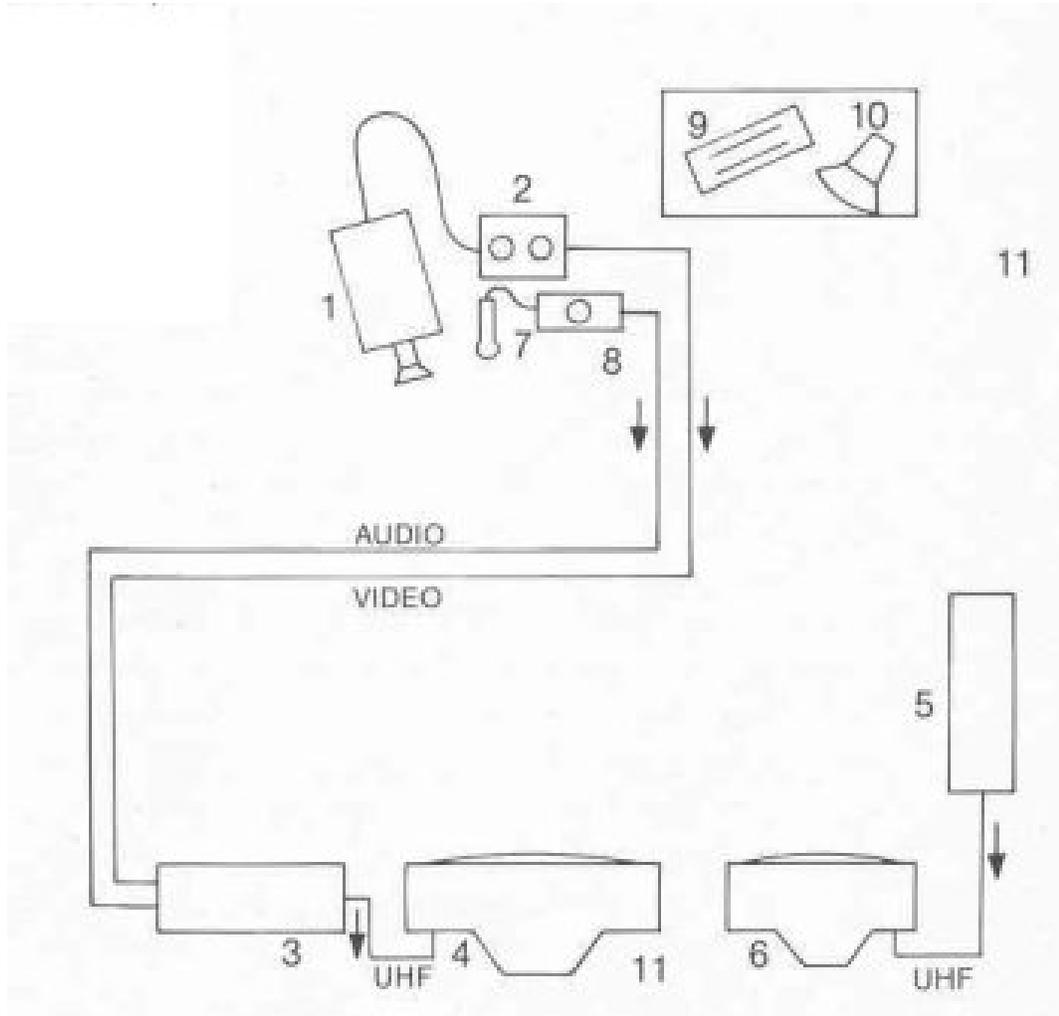
- evp to from window size overlap/on/off

```
cat /dev/dsp | evp 18 320 40 1 > ~/pipe
```

```
cat ~/pipe > /dev/dsp
```

[for /dev/dsp evp work make sure capture on with space bar]

8] (visible) light



We can group here the provision of a light carrier (the ultrafon), and the detection by way of photomultiplier tubes, photodiodes and light sensitive materials (photographic film and paper), with the latter detection ushering in the realm of thoughtography (Ted Serios, Tomokichi Fukurai). The work of Klaus Schreiber (Rainer Holbe. Bilder Aus dem Reich der Toten. 1987.) is exemplary in the refining the use of video technology within ITC practice.

surface playback summary/experiments (inc software)

summary

- variations on interferometer (including simple laser reflection from surface)
TOMORROW
- speckles (following C.L Stong: Scientific American February 1972)
- imaging/scanning/photographic/digital/rubbings
- ultrasonics (wavelength at 40 KHz =8.6mm?)
- needle/pickup - piezo(also cushioned in film canister with foam), electro-magnetic, capacitative
- microwaves/induction kind of (see sci am):

trans.gif

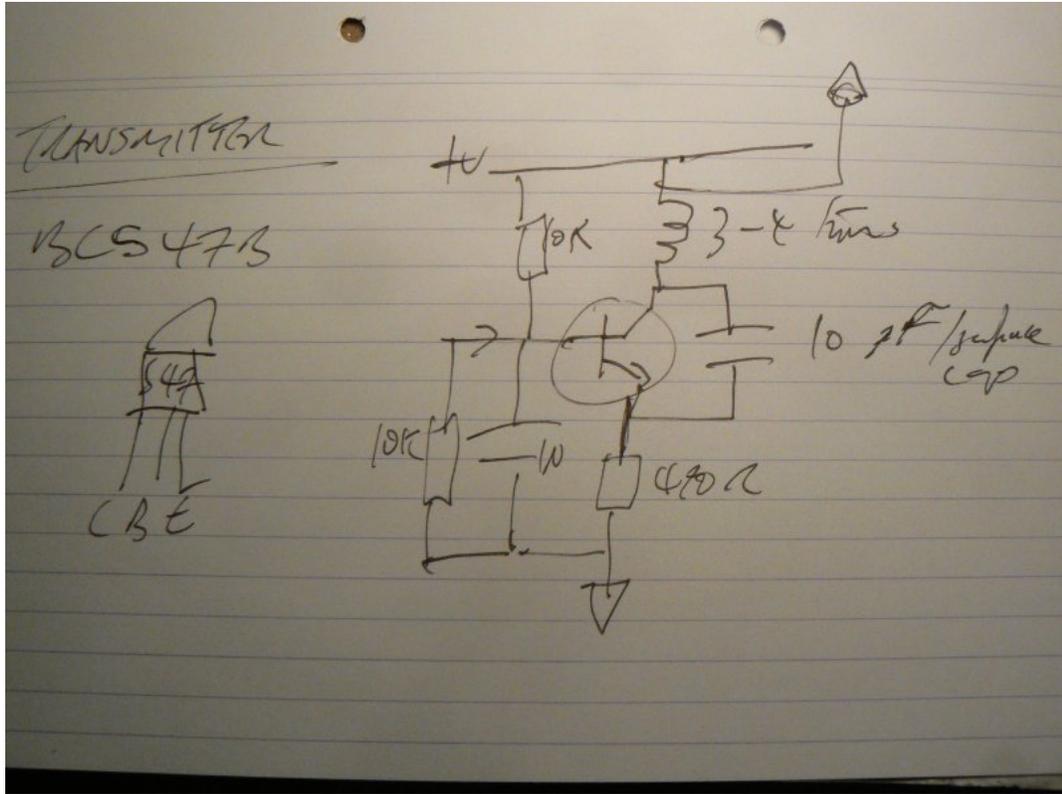
softwares

surfacewillmod.py

```
convert -colorspace gray test.jpg testout.jpg
```

(sounds different to recording .norm.wav we have - rhythm is of each line)

scratcher



further notes

how to investigate materials? by subjecting materials to process(es) and observation(s)/(visible, feeling, measuring, hearing, smelling)

processes such as: hitting, heating, dissolving, electrical, electrochemical, magnetic, chemical, crumbling, wetting, adding to, mixing, scraping

methodologies: esoteric (EVP, ITC, dowsing), scientific (towards an end eg. farming, analysis and deconstructing), aesthetics, forensics (as science also), archaeological, epistemic- investigation of materials as a revealing, fetishistic
crypt and cryptography. inscription and digging

Day Two:

RPK experiment

```
./readrng -d /dev/ttyUSB0 -f ~/testfile -8 -q 1024
```

```
python rpk.py
```

`python process_results.py`

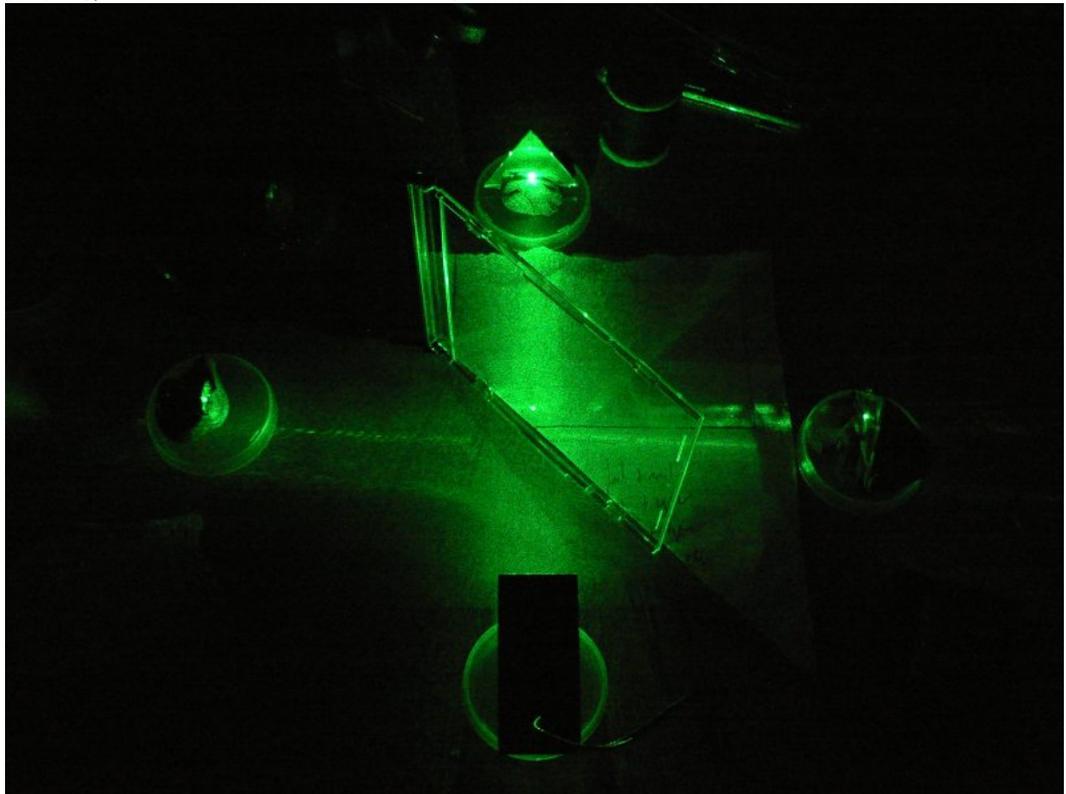
comp results to: <http://www.fourmilab.ch/rpkp/experiments/bincentre.html>

results/discuss day one

light works/set up of interferometer and recordings

interferometer

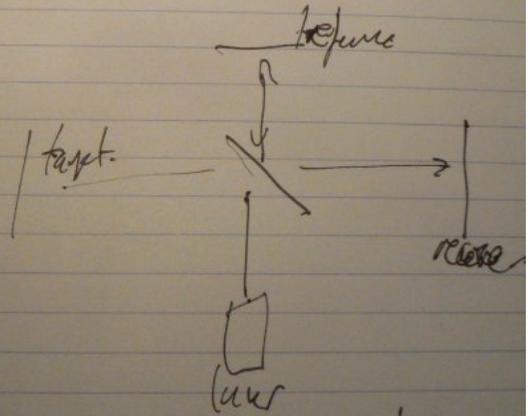
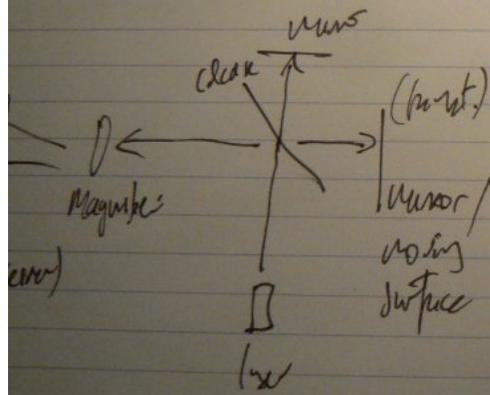
With setup visible as follows and interference patterns projected with a simple magnifying/objective lens after careful alignment of beams:



(laser at bottom, mirrors held in clay to top and right, lens to left projecting on the wall)

Interference

an echo



— surface receiver of target

op27 sniffer

