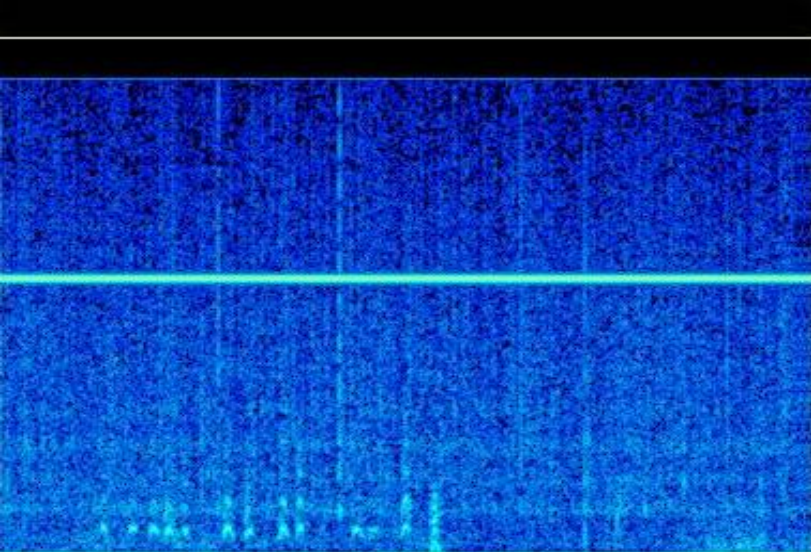


STRANGE ULF-ELF SIGNALS GALLERY n°3

Received with Horizontal loop of 2100 square meters and Marconi T antenna (11m high, 45m top). Analyzed with Spectrogram. This is the third part of the signals collected in unattended operation: an old 486 PC work 24 hours a day, receiving and storing spectrograms on its hard disk. This third collection, as in first and second part, represents a selection of the most interesting images captured.

051199-1348v

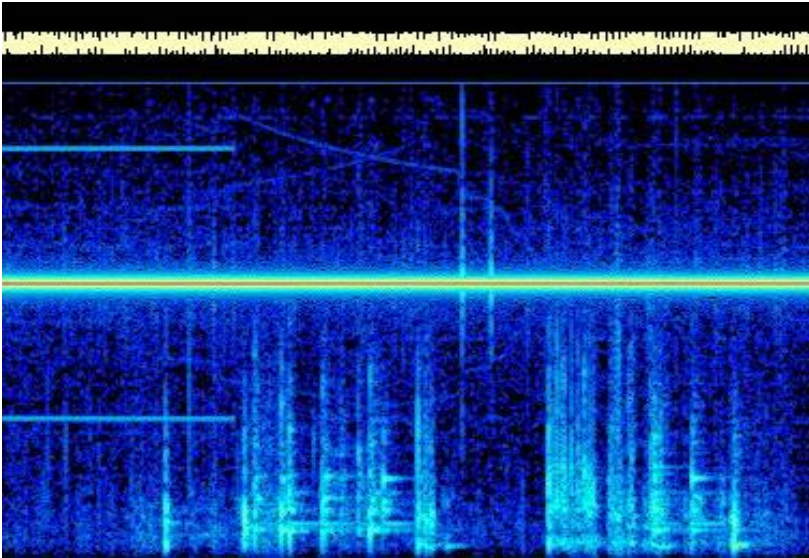


Spectrogram of 270" in a 0-86 Hz band.
Received with Marconi T antenna.
Analyzed with spectrogram.

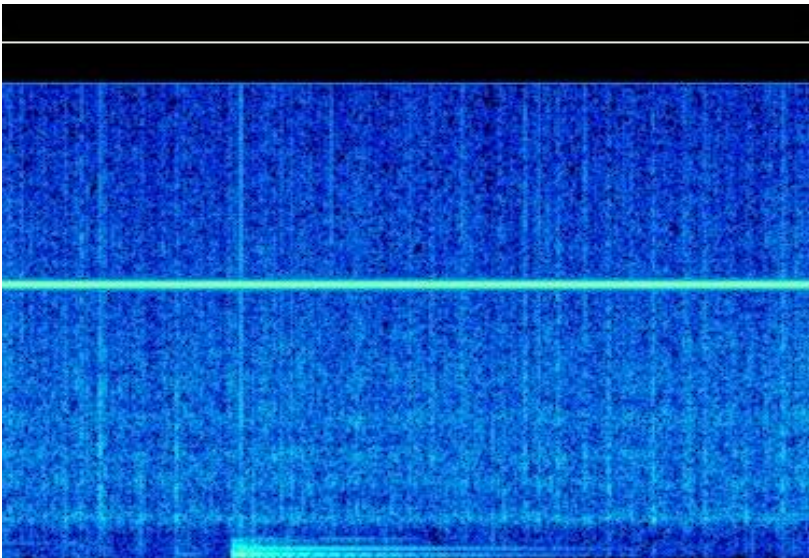
Weak Schumann resonances and strange inverted U at 3 Hz, 9 Hz and 15 Hz.

051199-1605h

Spectrogram of 270" in a 0-86 Hz band.
Received with big horizontal loop.
Analyzed with spectrogram.



Signals like statics with flags, below 50 Hz red line, are probably caused by mechanical movement of the arms loop (see birds). Above 50 Hz a strange couple of signals like a circle part.



051199-1610

Spectrogram of 270'' in a 0-86 Hz band.
Received with Marconi T antenna.
Analyzed with spectrogram.

Schumann resonances, 50 Hz carrier and two minutes strange flag below 5 Hz, made by three carriers at 1.5 Hz, 3 Hz and 4.5 Hz.

051199-1657h

Spectrogram of 270" in a 0-86 Hz band.
Received with horizontal loop antenna.
Analyzed with spectrogram.

Aperiodic noise below 15 Hz and two minutes of
82 Hz carrier (may be submarine emission?).

071199-0133v

Spectrogram of 270" in a 0-86 Hz band.
Received with Marconi T antenna.
Analyzed with spectrogram.

Main power carrier at 50 Hz, Schumann
resonances and strange multi tone noise below 7
Hz.

071199-2000v

Spectrogram of 270" in a 0-86 Hz band.
Received with Marconi T antenna.
Analyzed with spectrogram.

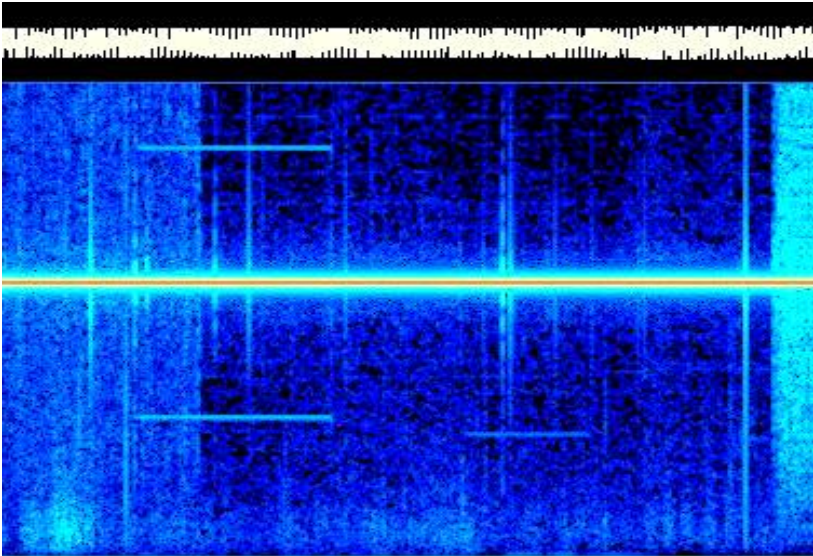
Strange carriers at 38 and 76 Hz: they appears
like confused with a noise first, during and after.

071199-2005h

Spectrogram of 270" in a 0-86 Hz band.
Received with big horizontal loop.
Analyzed with spectrogram.

Strange signal below 35 Hz, but I suppose caused
by mechanical oscillation of the arms of big loop
(perhaps a birds).

131199-2024h



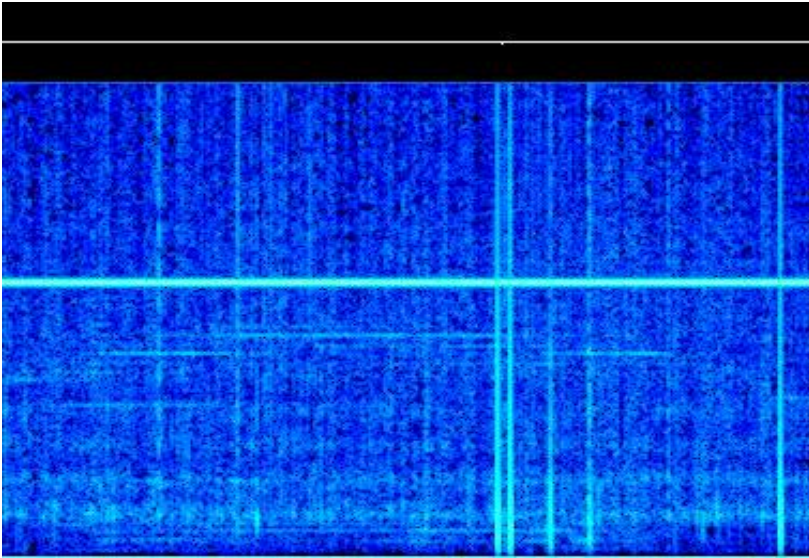
Spectrogram of 270" in a 0-86 Hz band.
Received with big horizontal loop.
Analyzed with spectrogram.

White noise below 20 Hz, in this case not caused
by mechanical movement or wind. Weak but clear
tone: 40 secs at 22.5 Hz; unknown origin.

141199-1710v

Spectrogram of 270" in a 0-86 Hz band.
Received with Marconi T antenna.

Analyzed with spectrogram.



Schumann resonances, some statics and a strange carrier series, like a bridge in a spectrogram. At this "bridge" corresponds some weak carrier below the first Schumann resonance at 7.8 Hz.

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