

## Silent Sound Technology - "S-quad"

Silent (converted-to-voice FM) hypnosis can be transmitted using a voice frequency modulator to generate the "voice." It is a steady tone, near the high end of hearing range (15,000 Hz), plus a hypnotist's voice, varying from 300 - 4,000 Hz. These two signals are frequency modulated. The output now appears as a steady tone, like tinnitus, but with hypnosis embedded. The FM-voice controls the timing of the transmitter's pulse.

Each vertical line is one short pulse of microwave signal at a frequency to which the human brain is sensitive. Timing of each microwave pulse is controlled by each down-slope crossing of the voice wave (Sharp's method, 1974). Then the brain converts the train of microwave pulses back to inaudible voice. There is ***no conscious defense*** possible against this form of hypnosis.

Ordinary radio and TV signals use a smooth waveform called a 'sine' wave. This wave signal cannot normally penetrate the voltage gradient across the nerve cell walls. Radar signals consist of very short and powerful pulses of sine wave type signals, and can penetrate the steep voltage gradient across these nerve cell walls (Allan H. Frey, Cornell University, 1962).

Differences in osmosis of ions (dissolved salt components) cause a small voltage difference across cell walls. When a small voltage appears across a very tiny distance, the change in voltage is called very 'steep.' It is this steep gradient that keeps normal radio signals from throwing us into convulsions.

The mind-altering mechanism is based on a subliminal carrier technology: the Silent Sound Spread Spectrum (SSSS), sometimes called "S-quad" or "Squad". It was developed by Dr Oliver Lowery of Norcross, Georgia, and is described in US Patent #5,159,703, "Silent Subliminal Presentation System", dated October 27, 1992. The abstract for the patent reads:

**"A silent communications system in which nonaural carriers, in the very low or very high audio-frequency range or in the adjacent ultrasonic frequency spectrum are amplitude- or frequency-modulated with the desired intelligence and propagated acoustically or vibrationally, for inducement into the brain, typically through the use of loudspeakers, earphones, or piezoelectric transducers. The modulated carriers may be transmitted directly in real time or may be conveniently recorded and stored on mechanical, magnetic, or optical media for delayed or repeated transmission to the listener."**

According to literature by Silent Sounds, Inc., it is now possible, using supercomputers, to analyze human emotional EEG patterns and replicate them, then store these "emotion signature clusters" on another computer and, at will, "silently induce and change the emotional state in a human being".

Edward Tilton, President of Silent Sounds, Inc., says this about S-squad in a letter dated December 13, 1996:

"All schematics, however, have been classified by the US Government and we are not allowed to reveal the exact details... .. we make tapes and CDs for the German Government, even the former Soviet Union countries! All with the permission of the US State Department, of course... The system was used throughout Operation Desert Storm (Iraq) quite successfully."

"Induced Alpha to Theta Biofeedback Cluster Movement" is an output from "the world's most versatile and most sensitive electroencephalograph (EEG) machine". This device has a gain capability of 200,000, as compared to most other EEG machines (with gain capability of 50,000). It is software-driven by the "fastest of computers" using a noise nulling technology similar to that used by nuclear submarines for detecting small objects underwater at extreme range.

The purpose of all this high technology is to plot and display a moving cluster of periodic brainwave signals. The illustration shows an EEG display from a single individual, taken of left and right hemispheres simultaneously. This technology is very similar to that used to generate P300 waves.