

GWEN Towers, HAARP & Satellite GPS_EMF Control Grid

"GWEN is a superb system, in combination with cyclotron resonance, for producing behavioural alterations in the civilian population. The average strength of the steady geomagnetic field varies from place to place across the United States. Therefore, if one wished to resonate a specific ion in living things in a specific locality, one would require a specific frequency for that location. The spacing of GWEN transmitters 200 miles apart across the United States would allow such specific frequencies to be 'tailored' to the geomagnetic-field strength in each GWEN area."

- Robert O. Becker, M.D., in "Crosscurrents: The Perils of Electropollution"

"Russian satellites, controlled by advanced computers, can send voices in one's own language interweaving into natural thoughts to the population of choice to form diffused artificial thought. The chemistry and electricity of the human brain can be manipulated by satellite and even suicide can be induced. Through ferocious anti-humanitarian means, the extremist groups are fabricated, the troubles and bloody disturbances are instigated by advanced tele-means via Russian satellites, in many countries in Asia, Africa, Europe and Latin America."

Dr Nassim Abd El-Aziz Neweigy, March 21, 1983, Assistant Professor in the Faculty of Agriculture, Moshtohor Takh-Kalubia, Egypt, writing in The Sydney Morning Herald

"Specifically, this agreement establishes the overall policies, relationships, and responsibilities guiding interagency activities necessary to establish, operate, and manage the NDGPS as authorized by Section 346 of Public Law 105-66 of October 27, 1997 (Attachment A) including for the temporary and permanent transfer of mutually selected USAF Ground Wave Emergency Network (GWEN) sites and equipment to USDOT for use to establish the NDGPS radionavigation service as authorized under Public Law 105-66, Section 346 (Attachment (C))."

MEMORANDUM OF AGREEMENT

FOR COMPLIANCE WITH THE
NATIONAL ENVIRONMENTAL POLICY ACT
FOR THE ESTABLISHMENT OF THE
NATIONWIDE DIFFERENTIAL GLOBAL POSITIONING SYSTEM SERVICE

See <http://www.navcen.uscg.gov/ndgps/Appendix%20A.pdf>

This agreement establishes USACE, FRA, FHWA, USCG, and NOAA responsibilities for the funding, installation, operation, and eventual decommissioning of Nationwide DGPS sites. In Presidential Decision Directive (PDD) NSTC-6 of March 28, 1996, the President designated the Department of Transportation as the "lead agency for all Federal civil GPS matters." In addition, the President directed the USDOT to "develop and implement U.S. Government augmentations to the basic GPS for transportation applications." In January 1997 the USDOT formed an interagency DGPS Executive Steering Group and a DGPS Policy and Implementation Team to investigate the development of a nationwide differential service to comply with Presidential direction. The findings of the Executive Steering Group determined that building upon existing infrastructure and resources - Coast Guard Maritime Differential Global Positioning System (DGPS) sites and conversion of existing US Air Force Ground Wave Emergency Network (GWEN) sites - was the most practical method available to adequately fulfill the PDD and meet the user agency operational and technical needs.

Section 346 of Public Law 105-66, dated October 27, 1997, (Attachment A) grants authority to the USDOT to "take receipt of such equipment and sites of the Ground Wave Emergency Network ... as ... necessary for the establishment of a nationwide system to be known as the "Nationwide Differential Global Positioning System". In November, 1998, the NDGPS MOA was signed, identifying the general responsibilities of the seven Federal Agencies involved in the planning and proposed implementation of the NDGPS service.

The Ground-Wave Emergency Network (GWEN) System

300 Towers, 300-500 Feet High, Spread Across the United States

Extract from Matrix III Volume One:

The Ground-Wave Emergency Network (GWEN) is a communications system that the military is in the process of constructing as we speak. It operates in the very-low-frequency (VLF) range, with transmissions between 150 and 175 kHz. This range was selected because its signals travel by means of waves that have a tendency to hug the ground rather than by radiating into the atmosphere. This signal drops off sharply with distance - a single GWEN stations transmits in a 360 circle to a distance of 250 to 300 miles. The entire GWEN system consists of approximately 300 such stations spread across the United States, each with a tower 300-500 feet high. The stations are from 200 to 250 miles apart, so that a signal can go from coast to coast from one station to another. When the system is completed around 1993, the entire civilian population of the United States will be exposed to the GWEN Transmissions.

APPLICATION OF MILITARY FREQUENCY WEAPONRY:

According to a 1982 Air Force review of biotechnology, ELF has a number of potential military uses, including "dealing with terrorist groups, crowd control, controlling breaches of security at military installations, and antipersonnel techniques in tactical warfare."

"Electromagnetic systems would be used to produce mild to severe physiological disruption or perceptual distortion or disorientation. They are silent, and counter measures to them may be difficult to develop."

Each site would consist of a 299 foot tower (presumably to get around automatic imposition of the National Environmental Policy Act requirement for an environmental impact statement for any federally-funded 300 foot towers, a concrete building, and a series of fences on a 700 foot square site." Underground, a "ground screen" of copper wire would radiate to 330 feet at regular intervals. Physically unimpressive, the towers are presented to the public by the Air Force as radio towers for "emergency communications." Each tower will cost \$1.4 million, the entire system a billion dollars. Other systems such as AFSATCOM, Milstar, Green Pine, and Giant Talk are designed to provide nuclear war communications at other electromagnetic frequencies and with the same or other weapons systems.

Because of GWEN's relatively simplistic technology, the Air Force presumes that GWEN will be replaced in 15 years by a satellite system.

See also http://www.totse.com/en/politics/us_military/gwen.html

The Purpose Behind The Neighborhood ELF Microwave Towers

May 23, 2002 - Sent To Don Croft By an unidentified friendly source.

Think grid triangulation. Like the old grid paper, put a dot at each corner and expand the box outward. Each level of panel acts also dimensionally (not like 4th, but in 3d space dimensions, don), or to put it another way, pitch, yaw, up, down, right, left, x, y, intensity, duration, frequency pulse, etc, those kind of dimensions. The whole damn dumb show was supposed to go down in late 99, but they didn't get people's guns, that big final obstacle to fascism. That's when they hit upon these ELF towers. Tested them in Ventura, Africa, and the Sudan.

They had GWEN operational (see <http://educate-yourself.org/dc/gwentowersbybyronweeks.shtml>) in '92, but it did entire counties and would affect their own people, who have body suits they were (lined with lead-impregnated Kevlar - which blocks ELF and piggyback frequencies.). So they found out that the little towers, by the tens of thousands, they could literally aim any energy like a gun to a single home, a given range area, and so forth. Big places run by FEMA/NORAD run it all from computers. But they can also go remote, with the proper clearance and hookup. They found out they didn't need to get the guns (that's why the push and schoolyard shootings stopped here; they no longer needed that scare op that worked so well in England, Australia, Germany,)

Now...how can you fire a gun or load it, if you are crawling on the ground begging for mercy? If you can imagine the worst abdominal pain there is, then you know how debilitating it is - you simply can't do anything, but lie on the ground and pray for relief *[Editor's Note: this assertion has been corroborated by Al Bielek, Stewart Swerdlow, Col. Fletcher Prouty, and even Major Ed Dames. During the 1991 Gulf War, hundreds of thousands of Iraqi troops spontaneously surrendered without even attempting to fight. It was this very ELF mind control technology which had been applied and rendered them impotent... Ken Adachi].*

Then they can clean up entire streets, districts, small towns, enclaves, as needed. They don't need to pulse the whole country at once. Only as they do sweeps would they need to fire the machine up. And it is great for little revolts as they are sure to spring up. You can aim this grid like a net, down to the meter's distance. Got a neighborhood or backwoods community that isn't cow towing the NWO line? Simple, fire up the machine and down they go... as you walk through, kill the ringleaders, disarm the rest, then the lesson is taught to the survivors.

The French pioneered this technology in the late 70s from Bell Labs. They created a device for crowd control that looks like a big baseball stadium loudspeaker. It fits into the back of a van. Then they'd open the doors, pointing the van at the crowd. I've seen the device.

It operates on a 5 cycle bass wave, ELF. Made everyone drop to their knees with stomach nausea. [Carol felt that frequency as we drove by one of the towers, which was operating above the usual 15% capacity, apparently, on a recent trip] Your towers are the same thing, but with bi-phase polarity frequencies that can induce hallucinations, nausea, herpes outbreaks (every organism has its own cellular freq) or whatever they want you to feel that day...horniness, anger, whatever.

Caveat Lector from Nexus Magazine Vol. 3, No. 3 April, May 1996

The following document comprises evidence for a lawsuit filed at the US Courthouse in Washington, DC, by John St. Clair Akwei against the National Security Agency, Ft George G. Meade, Maryland (Civil Action 92-0449), and constitutes his knowledge of the NSA's structure, national security activities, proprietary technologies and covert operations to monitor individual citizens.

How The NSA Harasses Thousands Of Law Abiding Americans Daily By The Usage Of Remote Neural Monitoring (RNM)

1. THE NSA'S MISSION AND DOMESTIC INTELLIGENCE OPERATION

Communications Intelligence (COMINT)

Blanket coverage of all electronic communications in the US and the world to ensure national security. The NSA at Ft Meade, Maryland has had the most advanced computers in the world since the early 1960s. NSA technology is developed and implemented in secret from private corporations, academia and the general public.

Signals Intelligence (SIGINT)

The Signals Intelligence mission of the NSA has evolved into a program of decoding EMF waves in the environment for wirelessly tapping into computers and tracking persons with the electrical currents in their bodies. Signals Intelligence is based on the fact that everything in the environment with an electric current in it has a magnetic flux around it which gives off EMF waves. The NSA/DoD [Department of Defense] has developed proprietary advanced digital equipment which can remotely analyze all objects whether manmade or organic, that have electrical activity.

Domestic Intelligence (DOMINT)

The NSA has records on all US citizens. The NSA gathers information on US citizen who might be of interest to any of the over 50,000 NSA agents (HUMINT). These agents are authorized by executive order to spy on anyone. The NSA has a permanent national security anti-terrorist surveillance network in place. This surveillance network is completely disguised and hidden from the public.

Tracking individuals in the US is easily and cost-effectively implemented with the NSA's electronic surveillance network. This network (DOMINT) covers the entire US. involves tens of thousands of NSA personnel, and tracks millions of persons simultaneously. Cost-effective implementation of operations is assured by NSA computer technology designed to minimize operations costs.

NSA personnel serve in quasi-public positions in their communities and run cover business and legitimate businesses that can inform the intelligence community of persons they would want to track. NSA personnel in the community usually have cover identities such as social workers, lawyers and business owners.

Individual Citizens Occasionally Targeted for Surveillance by Independently Operating NSA Personnel

NSA personnel can control the lives of hundreds of thousands of individuals in the US by using the NSA's domestic intelligence network and cover businesses. The operations independently run by them can sometimes go beyond the bounds of law. Long-term control and sabotage of tens of thousands of unwitting citizens by NSA operatives is likely to happen. NSA DOMINT has the ability to assassinate US citizens covertly or run covert psychological control operations to cause subjects to be diagnosed with ill mental health.

2. NSA'S DOMESTIC ELECTRONIC SURVEILLANCE NETWORK

As of the early 1960s, the most advanced computers in the world were at the NSA, Ft Meade. Research breakthroughs with these computers were kept for the NSA. At the present time the NSA has nanotechnology computers that are 15 years ahead of present computer technology. The NSA obtains blanket coverage of information in the US by using advanced computers that use artificial intelligence to screen all communications, regardless of medium, for key words that should be brought to the attention of NSA agents/cryptologists. These computers monitor all communications at the transmitting and receiving ends. This blanket coverage of the US is a result of the NSA's Signals Intelligence (SIGINT) mission.

The NSA's electronic surveillance network is based on a cellular arrangement of devices that can monitor the entire EMF spectrum. This equipment was developed, implemented and kept secret in the same manner as other electronic warfare programs.

Signals Intelligence Remote Computer Tampering

The NSA keeps track of all PCs and other computers sold in the US. This is an integral part of the Domestic Intelligence network. The NSA's EMF equipment can tune in RF emissions from personal computer circuit boards (while filtering out emissions from monitors and power supplies). The RF emission from PC circuit boards contains digital information in the PC. Coded RF waves from the NSA's equipment can resonate PC circuits and change data in the PCs. Thus the NSA can gain wireless modem-style entry into any computer in the country for surveillance or anti-terrorist electronic warfare.

Detecting EMF Fields in Humans for Surveillance

A subject's bioelectric field can be remotely detected, so subjects can be monitored anywhere they are. With special EMF equipment NSA cryptologists can remotely read evoked potentials (from EEGs). These can be decoded into a person's brain-states and thoughts. The subject is then perfectly monitored from a distance.

NSA personnel can dial up any individual in the country on the Signals Intelligence EMF scanning network and the NSA's computers will then pinpoint and track that person 24 hours a day. The NSA can pick out and track anyone in the US.

3. NSA SIGNALS INTELLIGENCE USE OF EMF BRAIN STIMULATION NSA

Signals Intelligence uses EMF Brain Stimulation for Remote Neural Monitoring (RNM) and Electronic Brain Link (EBL). EMF Brain Stimulation has been in development since the MKULTRA program of the early 1950s, which included neurological research into radiation (non-ionizing EMF) and bioelectric research and development. The resulting secret technology is categorized at the National Security Archives as "Radiation Intelligence", defined as "information from unintentionally emanated electromagnetic waves in the environment, not including radioactivity or nuclear detonation".

Signals Intelligence implemented and kept this technology secret in the same manner as other electronic warfare programs of the US Government. The NSA monitors available information about this technology and withholds scientific research from the public. There are also international intelligence agreements to keep this technology secret.

The NSA has proprietary electronic equipment that analyzes electrical activity in humans from a distance. NSA computer-generated brain mapping can continuously monitor all of the electrical activity in the brain continuously. The NSA records and decodes individual brain maps (of hundreds of thousands of persons) for

national security purposes. EMF Brain Stimulation is also secretly used by the military for brain-to-computer link (in military fighter aircraft, for example).

For electronic surveillance purposes, electrical activity in the speech center of the brain can be translated into the subject's verbal thoughts. RNM can send encoded signals to the brain's auditory cortex, thus allowing audio communications direct to the brain (bypassing the ears). NSA operatives can use this covertly to debilitate subjects by simulating auditory hallucinations characteristic of paranoid schizophrenia.

Without any contact with the subject, Remote Neural Monitoring can map out electrical activity from the visual cortex of a subject's brain and show images from the subject's brain on a video monitor. NSA operatives see what the surveillance subject's eyes are seeing. Visual memory can also be seen. RNM can send images direct to the visual cortex, bypassing the eyes and optic nerves. NSA operatives can use this surreptitiously to put images into a surveillance subject's brain while they are in REM sleep for brain-programming purposes.

*Capabilities of NSA Operatives Using RNM

There has been a Signals Intelligence network in the US since the 1940s. The NSA, Ft Meade has in place a vast two-way wireless RNM system which is used to track subjects and non-invasively monitor audiovisual information in their brains. This is all done with no physical contact with the subject. RNM is the ultimate method of surveillance and domestic intelligence. Speech, 3D sound and subliminal audio can be sent to the auditory cortex of the subject's brain (bypassing the ears), and images can be sent into the visual cortex. RNM can alter a subject's perceptions, moods and motor control.

Speech cortex/auditory cortex link has become the ultimate communications system for the intelligence community. RNM allows for a complete audiovisual brain-to-brain link or brain-to-computer link.

4. NATIONAL SECURITY AGENCY SIGNALS INTELLIGENCE ELECTRONIC BRAIN LINK TECHNOLOGY

NSA SIGINT can remotely detect, identify and monitor a person's bioelectric fields.

The NSA's Signals' Intelligence has the proprietary ability to monitor remotely and non-invasively information in the human brain by digitally decoding the evoked potentials in the 30-50 Hz, 5 milliwatt electromagnetic emissions from the brain.

Neuronal activity in the brain creates a shifting electrical pattern that has a shifting magnetic flux. This magnetic flux puts out a constant 30-50 Hz, 5 milliwatt electromagnetic (EMF) wave. Contained in the electromagnetic emission from the brain are spikes and patterns called "evoked potentials". Every thought, reaction, motor command, auditory event and visual image in the brain has a corresponding "evoked potential" or set of "evoked potentials". The EMF emission from the brain can be decoded into the current thoughts, images and sounds in the subject's brain.

NSA SIGINT uses EMF-transmitted Brain Stimulation as a communications system to transmit information (as well as nervous system messages) to intelligence agents and also to transmit to the brains of covert operations subjects (on a non-perceptible level).

EMF Brain Stimulation works by sending a complexly coded and pulsed electromagnetic signal to trigger evoked potentials (events) in the brain, thereby forming sound and visual images in the brain's neural circuits. EMF Brain Stimulation can also change a person's brain-states and affect motor control.

Two-way electronic Brain Link is done by remotely monitoring neural audiovisual information while transmitting sound to the auditory cortex (bypassing the ears) and transmitting faint images to the visual cortex (bypassing the optic nerves and eyes). The images appear as floating 2D screens in the brain.

Two-way electronic Brain Link has become the ultimate communications system for CIA/NSA personnel. Remote neural monitoring (RNM, remotely monitoring bioelectric information in the human brain) has become the ultimate surveillance system. It is used by a limited number of agents in the US Intelligence Community.

5. [NO HEADING IN ORIGINAL DOCUMENT]

RNM requires decoding the resonance frequency of each specific brain area. That frequency is then modulated in order to impose information in that specific brain area. The frequency to which the various brain areas respond varies from 3 Hz to 50 Hz. Only NSA Signals Intelligence modulates signals in this frequency band. (See Table 1.)

This modulated information can be put into the brain at varying intensities from subliminal to perceptible. Each person's brain has a unique set of bioelectric resonance/ entrainment frequencies. Sending audio information to a person's brain at the frequency of another person's auditory cortex would result in that audio information not being perceived.

The Plaintiff learned of RNM by being in two-way RNM contact with the Kinnecome group at the NSA, Ft Meade. They used RNM 3D sound direct to the brain to harass the Plaintiff from 10/90 to 5/91.

As of 5/91 they have had two-way RNM communications with the Plaintiff and have used RNM to attempt to incapacitate the Plaintiff and hinder the Plaintiff from going to the authorities about their activities against the Plaintiff in the last 12 years. The Kinnecome group has about 100 persons working 24 hour a day at Ft Meade.

They have also brain-tapped persons the Plaintiff is in contact with to keep the Plaintiff isolated. This is the first time ever that a private citizen has been harassed with RNM and has been able to bring a lawsuit against NSA personnel misusing this intelligence operations method.

6. NSA TECHNIQUES AND RESOURCES

Remote monitoring/tracking of individuals in any location inside any building, continuously, anywhere in the country.

A system for inexpensive implementation of these operation allows for thousands of persons in every community to be spied on constantly by the NSA.

Remote RNM Devices

NSA's RNM equipment remotely reads the evoked potential (EEGs) of the human brain for tracking individuals, and can send messages through the nervous systems to affect their performance RNM can electronically identify individuals and track them anywhere in the US. This equipment is on a network and is used for domestic intelligence operations, government security and military base security, and in case of bioelectric warfare.

http://members.austarmetro.com.au/~hubbca/mind_control3.htm

<http://www.iahf.com/nsa/20010214.html>

The GWEN (Ground Wave Emergency Network) system was ceremoniously and publically decommissioned in 1999, following years of public turmoil and demonstration against the placing of the towers near populated areas. According to the military, it was solely designed for emergency communications during nuclear attack, and was replaced with SCAMP, a mobile system that was harder to target. This was all of course, the party line so to speak.

It has been speculated as of late, that the equipment (which was left operable and intact after the decommissioning), was to be used for other purposes at a later date once the public hue and cry died down. We believe we have found the purpose. The equipment was designed to repeat ultra low, very low and low signals in hexagonal transmission cells, much in the same way telephone cell towers provide cellular service areas. The 200+ sites were spaced so that these cells covered the entire US, providing a "dome" of frequency over the nation. As of yesterday HAARP began broadcasting the most powerful signal strength ever publically recorded, without any reduction in strength, around the clock. At 3.39 megahertz, the signal is well within the range of the GWEN repeater systems rebroadcast capability. It was further indicated that a potential change in the concentrated broadcast direction from HAARP (one every minute), could be detected. If this is true, then it is conceivable that the signal is being randomly rotated into each GWEN site on the repeater grid for one minute, in an effort to eliminate jamming, and make public confirmation of the process very hard. You would literally have to put a point-to-point device between each tower and HAARP to prove that HAARP was where the signal was being introduced into the grid from. However, for the purpose of scientific confirmation, a simple field strength test on 3.39mhz around the tower, would show that it is in use on that frequency, and go a long way to proving this speculation is correct.

This brings up many different questions; three which we consider are the most important.

1. Is Star Wars already in place and operable NOW as a National Defense System using GWEN?
2. OR, is even this application a red herring to keep our eyes off of the true use of the system? There is a mass of evidence in hand concerning low frequency mind control experiments by the military. Were HAARP and GWEN were really designed as a nation blanketing mind control system, which is now ready to be used? If so, all of the in-fighting for the presidency would finally make sense. He who won, would be the first to control the system, and if successful, the populace of the US.
3. Is "Flash Radar" really just the electro-magnetic signature of SCAMP?

http://groups.yahoo.com/group/RMNEWS_DAILY_EMAILS/message/13525

<http://www.rumormillnews.net/cgi-bin/archive.cgi?read=6977>

Related List of Patents

SOURCE: Judy Wall, Mike Coyle and Jan Wiesemann. Paranoia Magazine Issue 24 Fall 2000 -Article -'Technology to Your Mind' - By Judy Wall

US PATENT - 4,717,343 --METHOD OF CHANGING A PERSON'S BEHAVIOR--A method of conditioning a person's unconscious mind in order to effect a desired change in the person's behavior which does not require the services of a trained therapist. Instead the person to be treated views a program of video pictures appearing on a screen. The program as viewed by the person's unconscious mind acts to condition the person's thought patterns in a manner which alters that person's behavior in a positive way.

US PATENT 5,270,800 --SUBLIMINAL MESSAGE GENERATOR--A combined subliminal and supraliminal message generator for use with a television receiver permits complete control of subliminal messages and their manner of presentation. A video synchronization detector enables a video display generator to generate a video message signal corresponding to a received alphanumeric text message in synchronism with a received television signal. A video mixer selects either the received video signal or the video message signal for output. The messages produced by the video message generator are user selectable via a keyboard input. A message memory stores a plurality of alphanumeric text messages specified by user commands for use as subliminal messages. This message memory preferably includes a read only memory storing predetermined sets of alphanumeric text messages directed to differing topics. The sets of predetermined alphanumeric text messages preferably include several positive affirmations directed to the left brain and an equal number of positive affirmations directed to the right brain that are alternately presented subliminally. The left brain messages are presented in a linear text mode, while the right brain messages are presented in a three dimensional perspective mode. The user can control the length and spacing of the subliminal presentations to accommodate differing conscious thresholds. Alternative embodiments include a combined cable television converter and subliminal message generator, a combine television receiver and subliminal message generator and a computer capable of presenting subliminal messages.

US PATENT 5,123,899 --METHOD AND SYSTEM FOR ALTERING CONSCIOUSNESS - A system for altering the states of human consciousness involves the simultaneous application of multiple stimuli, preferable sounds, having differing frequencies and wave forms. The relationship between the frequencies of the several stimuli is exhibited by the equation $g = s \cdot \frac{n}{4} \cdot f$ where: f =frequency of one stimulus; g =frequency of the other stimuli of stimulus; and n =a positive or negative integer which is different for each other stimulus.

US PATENT 5,289,438 - METHOD AND SYSTEM FOR ALTERING CONSCIOUSNESS SOURCE

US PATENT 4,877,027 - HEARING SYSTEM - Sound is induced in the head of a person by radiating the head with microwaves in the range of 100 megahertz to 10,000 megahertz that are modulated with a particular waveform. The waveform consists of frequency modulated bursts. Each burst is made up of ten to twenty uniformly spaced pulses grouped tightly together. The burst width is between 500 nanoseconds and 100 microseconds. The pulse width is in the range of 10 nanoseconds to 1 microsecond. The bursts are frequency modulated by the audio input to create the sensation of hearing in the person whose head is irradiated.

US PATENT 6,011,991 - COMMUNICATION SYSTEM AND METHOD INCLUDING BRAIN WAVE ANALYSIS AND/OR USE OF BRAIN ACTIVITY - A system and method for enabling human beings to communicate by way of their monitored brain activity. The brain activity of an individual is monitored and transmitted to a remote location (e.g. by satellite). At the remote location, the monitored brain activity is compared with pre-recorded

normalized brain activity curves, waveforms, or patterns to determine if a match or substantial match is found. If such a match is found, then the computer at the remote location determines that the individual was attempting to communicate the word, phrase, or thought corresponding to the matched stored normalized signal.

US PATENT 4,858,612 - HEARING DEVICE - A method and apparatus for simulation of hearing in mammals by introduction of a plurality of microwaves into the region of the auditory cortex is shown and described. A microphone is used to transform sound signals into electrical signals which are in turn analyzed and processed to provide controls for generating a plurality of microwave signals at different frequencies. The multifrequency microwaves are then applied to the brain in the region of the auditory cortex. By this method sounds are perceived by the mammal which are representative of the original sound received by the microphone.

US PATENT 3,951,134 - APPARATUS AND METHOD FOR REMOTELY MONITORING AND ALTERING BRAIN WAVES - Apparatus for and method of sensing brain waves at a position remote from a subject whereby electromagnetic signals of different frequencies are simultaneously transmitted to the brain of the subject in which the signals interfere with one another to yield a waveform which is modulated by the subject's brain waves. The interference waveform which is representative of the brain wave activity is re-transmitted by the brain to a receiver where it is demodulated and amplified. The demodulated waveform is then displayed for visual viewing and routed to a computer for further processing and analysis. The demodulated waveform also can be used to produce a compensating signal which is transmitted back to the brain to effect a desired change in electrical activity therein.

US PATENT 5,159,703 - SILENT SUBLIMINAL PRESENTATION SYSTEM - 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.

US PATENT 5,507,291 - METHOD AND AN ASSOCIATED APPARATUS FOR REMOTELY DETERMINING INFORMATION AS TO A PERSON'S EMOTIONAL STATE

US PATENT 5,629,678 - IMPLANTABLE TRANSCEIVER - Apparatus for Tracking And Recovering Humans.

US PATENT FOR BARCODE TATTOO - Method for verifying human identity during electronic sale transactions. A method is presented for facilitating sales transactions by electronic media. A bar code or a design is tattooed on an individual. Before the sales transaction can be consummated, the tattoo is scanned with a scanner. Characteristics about the scanned tattoo are compared to characteristics about other tattoos stored on a computer database in order to verify the identity of the buyer. Once verified, the seller may be authorized to debit the buyer's electronic bank account in order to consummate the transaction. The seller's electronic bank account may be similarly updated.

US PATENT 5,539,705 - ULTRASONIC SPEECH TRANSLATOR AND COMMUNICATIONS SYSTEM--A wireless communication system undetectable by radio frequency methods for converting audio signals, including human voice, to electronic signals in the ultrasonic frequency range, transmitting the ultrasonic signal by way of acoustical pressure waves across a carrier medium, including gases, liquids, or solids, and reconvertng the ultrasonic acoustical pressure waves back to the original audio signal. The ultrasonic speech translator and

communication system (20) includes an ultrasonic transmitting device (100) and an ultrasonic receiving device (200). The ultrasonic transmitting device (100) accepts as input (115) an audio signal such as human voice input from a microphone (114) or tape deck.

US PATENT 5,629,678 - PERSONAL TRACKING AND RECOVERY SYSTEM--Apparatus for tracking and recovering humans utilizes an implantable transceiver incorporating a power supply and actuation system allowing the unit to remain implanted and functional for years without maintenance. The implanted transmitter may be remotely actuated, or actuated by the implantee. Power for the remote-activated receiver is generated electromechanically through the movement of body muscle. The device is small enough to be implanted in a child, facilitating use as a safeguard against kidnapping, and has a transmission range which also makes it suitable for wilderness sporting activities. A novel biological monitoring feature allows the device to be used to facilitate prompt medical dispatch in the event of heart attack or similar medical emergency. A novel sensation-feedback feature allows the implantee to control and actuate the device with certainty.

US PATENT 5,760,692 - INTRA-ORAL TRACKING DEVICE-An intra-oral tracking device adapted for use in association with a tooth having a buccal surface and a lingual surface, the apparatus comprises a tooth mounting member having an inner surface and an outer surface, the inner surface including adhesive material.

US PATENT 5,868,100 - FENCELESS ANIMAL CONTROL SYSTEM USING GPS LOCATION INFORMATION - A fenceless animal confinement system comprising portable units attached to the animal and including means for receiving GPS signals and for providing stimulation to the animal. The GPS signals are processed to provide location information which is compared to the desired boundary parameters. If the animal has moved outside the desired area, the stimulation means is activated. The signal processing circuitry may be included either within the portable unit or within a separate fixed station.

US PATENT 5,905,461 - GLOBAL POSITIONING SATELLITE TRACKING DEVICE - A global positioning and tracking system for locating one of a person and item of property. The global positioning and tracking system comprises at least one tracking device for connection to the one of the person and item of property including a processing device for determining a location of the tracking device and generating a position signal and a transmitter for transmitting said position signal.

US PATENT 5,935,054 - MAGNETIC EXCITATION OF SENSORY RESONANCES--The invention pertains to influencing the nervous system of a subject by a weak externally applied magnetic field with a frequency near 1/2 Hz. In a range of amplitudes, such fields can excite the 1/2 sensory resonance, which is the physiological effect involved in "rocking the baby".

US PATENT 5,952,600 - ENGINE DISABLING WEAPON - A non-lethal weapon for disabling an engine such as that of a fleeing car by means of a high voltage discharge that perturbs or destroys the electrical circuits.

US PATENT 6,006,188 - SPEECH SIGNAL PROCESSING FOR DETERMINING PSYCHOLOGICAL OR PHYSIOLOGICAL CHARACTERISTICS USING A KNOWLEDGE BASE

US PATENT 6,014,080 - BODY WORN ACTIVE AND PASSIVE TRACKING DEVICE - Tamper resistant body-worn tracking device to be worn by offenders or potential victims for use in a wireless communication system receiving signals from a global positioning system (GPS).

US PATENT 6,017,302 - SUBLIMINAL ACOUSTIC MANIPULATION OF NERVOUS SYSTEMS - In human subjects, sensory resonances can be excited by subliminal atmospheric acoustic pulses that are tuned to the resonance frequency. The 1/2 Hz sensory resonance affects the autonomic nervous system and may cause relaxation, drowsiness, or sexual excitement, depending on the precise acoustic frequency near 1/2 Hz used. The effects of the 2.5 Hz resonance include slowing of certain cortical processes, sleepiness, and disorientation. For these effects to occur, the acoustic intensity must lie in a certain deeply subliminal range. Suitable apparatus consists of a portable battery-powered source of weak subaudio acoustic radiation. The method and apparatus can be used by the general public as an aid to relaxation, sleep, or sexual arousal, and clinically for the control and perhaps treatment of insomnia, tremors, epileptic seizures, and anxiety disorders. There is further application as a nonlethal weapon that can be used in law enforcement standoff situations, for causing drowsiness and disorientation in targeted subjects. It is then preferable to use venting acoustic monopoles in the form of a device that inhales and exhales air with subaudio frequency.

US PATENT 6,051,594 - METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE - The invention is directed to improved methods for modulating the human sexual response by orally administering a formulation of the vasodilator phentolamine to the blood circulation and thereby modulating the sexual response on demand.

US PATENT 6,052,336 - APPARATUS AND METHOD OF BROADCASTING AUDIBLE SOUND USING ULTRASONIC SOUND AS A CARRIER - An ultrasonic sound source broadcasts an ultrasonic signal which is amplitude and/or frequency modulated with an information input signal originating from an information input source. If the signals are amplitude modulated, a square root function of the information input signal is produced prior to modulation. The modulated signal, which may be amplified, is then broadcast via a projector unit, whereupon an individual or group of individuals located in the broadcast region detect the audible sound.

<http://timesofthesigns.wordpress.com/2008/05/28/mind-control/>

Calibrated Antennas

(Calibration format information no longer available from <http://www.ngs.noaa.gov>)

- AeroAntenna
- Allen Osborne Associates
- Ashtech
- Javad
- Leica
- Macrometer
- Micro Pulse
- NavCom
- NovAtel
- Sensor Systems
- Sokkia
- Spectra Precision
- Topcon
- Trimble
- GPS Block II A Satellite

Anonymous First Person Encounter

The following report, although anonymous, provides a detailed first person encounter with what may be government electromagnetic testing. It was published in an underground magazine a few years ago. I do not maintain that reports such as these are absolute proof of government electromagnetic testing on citizenry, but well-reasoned accounts such as the following must be taken into consideration:

The large black top of the Federal Building in San Francisco looks like a giant air-conditioning vent, 50 feet tall, comprising the entire top of the building. It is actually a radar, microwave, and radio transparent shield for an array of communications devices on the roof of the building. Such "blinds" on top of government buildings are nothing unusual, it isn't necessary to visually remind everybody that such buildings also are likenesses of Orwell's Ministry of Information (read, CIA). And as such are in need of systems of communications independent of civilian mediums. Which, anyway, would be purposely interrupted in any serious case of civil unrest.

It is important to note three facts at this point, the purpose of which will come clear in the end: First, the Federal building is located at the base of a broad hill. It is on the low rise of this hill where San Francisco's 'Skid Row' district, the 'Tenderloin,' uneasily rests. And so the Federal Building can be seen from virtually any place in the Tenderloin. And let us reverse this thought: virtually any place in the Tenderloin may be seen from the Federal Building. And it is this unimpeded view which brings to mind the second oddly coinciding factor; that Low Frequency Electromagnetic emissions like television broadcasts will not pass through earth (hills, or the horizon), nor do they even pass very well through buildings, and so require a fairly clear shot, unlike higher frequency emissions like radio. This is why you have to put TV antennas on the roof.

Now fact three: Extremely Low Frequency transmissions, or ELF's, have been the focus of significant research by the military intelligence machines of several governments, including our own. ELF developments for military purposes is based on indications that ELF's at close range seem to cause aberrations in the thought processes of human beings, such as hallucinations, disordered thought, confusion, aggression, depression anger, hopelessness. Not unlike television, a close companion to ELF's in the electromagnetic spectrum. It is not difficult to imagine the value of such a weapon to our secret government, so fond of the disruption of societies, the control and subjugation of individuals, and of war, 'the insane death dance of paranoid societies.'

Now with these three things in mind, consider this fourth. Since I have had the fortune to live for three years in this ring of hell, the Tenderloin, I have noticed something very odd. At least 15 times I have noticed in the morning or early evening a pronounced buzzing or humming. Very low and hard to hear. Something like the sound which some can hear of a TV that is on in a room, but with the volume off. And on looking for the source of this sound, I found that it seemed to come from everywhere and nowhere. In other words it seemed to be coming from inside my head. I do not mean this figuratively. I mean that my head seemed to resonate with the vibration. And I felt that my thoughts were disrupted.

The buzzing seemed to make thoughts fall apart just before forming, like sand on a vibrating metal plate, and I felt vaguely angry. On the third or fourth occurrence of this, I noticed that in the wake of the buzzing sound, an unusual number of fights could be heard breaking out all around me. From out on the streets, and from adjoining buildings, and apartments, came the shouts and threats of people overcome with anger. And I thought, though at first it seemed horrible to consider, 'Hadn't ELF subjects reported the feeling or sound of buzzing in their heads?' and 'what better section of the population could be chosen on which to conduct ELF experiments.' A large percentage of inner urban dwellers are already so close to the edge that he or she is highly

likely to express any fluctuation of mood with a corresponding fluctuation of activity which might come to the attention of the police.

In a neighbourhood where aberrant behaviour is common and expected, slight increases of such behaviour would go completely unnoticed, but would be detectable by careful observation of incoming reports to the police department. It would be unlikely in the extreme that anyone would associate the strange buzzing sound with unaccountable accompanying emotional swings.

Impossible that someone would suspect secret agents of systematically barraging the politically powerless with mood and consciousness ELF waves from atop the Federal Building. But even if such an impossibility came to pass, and allegations were made, would they not automatically be discredited by the general perception of the poor (i.e. Tenderloin inhabitants) as mentally unstable, alcoholic, drug addicted, and of the government as an essentially well meaning parent, who would not really ever purposely harm her children?

Tests of ELF effects could be precisely monitored by the existing police department recording system (at no extra cost), all recorded on the justice system's networked national computer system, containing exact times of complaints, record of outcome, location, identity, profile, and criminal history of all persons involved. Police department ignorance of the tests would actually be desirable. The entire operation could be run by as few as two people. ELF broadcast times would simply be correlated with any flux of reports to the police department. And the exact nature of the ELF effects on human emotion would be conveniently built into the data received from police reports.

For example, an increase of domestic violence at 4%, and suicides 2%, perhaps one or two extra stabbings during your special hour-long broadcast of the latest ELF 'Top Ten'. A decrease in premeditated crimes might indicate a breakdown of thought process during the time of ELF transmission. Do you see? A double blind experiment (neither police nor populace have any idea) on a perfectly contained and monitored large population control subjects, in a typical city, with an 'in place' monitoring system (police reports) with a plus or minus accuracy allowance of virtually 0% since the experiment can be performed an unlimited number of times over a period of years. Could such malignant experiments be pulled off in any other setting?

If your aim were to induce murders, violence, psychosis, severe depression, or suicide, you couldn't really go calling on John Hopkins University now, could you?

Anyway, the very point of such a thing would be its use on urban populations. Listen, you have a little country somewhere, you destabilise the populace with ELFs and conventional means and overwhelm the local law enforcement agencies, martial law is declared, the democratically elected government falls. You install a corrupt dictator. You say to the American people, 'We must send humanitarian aid.' A hundred million dollars is allocated to the small country. The corrupt dictator steals the goods and money, and deposits the laundered free and clear taxpayer dollars in an offshore American bank. Beginning to get the picture? Think of how perfectly foolproof this is, how elegant, how appealing, how logical, how insidious, how horrible, how possible, and all it costs is the suffering of thousands of people.

"Postscript; last week the buzzing happened again, so loud yet so easily dismissed against the background of city noise. How could I prove to myself that it was not simply just coming from my head, could I possibly have the rare hearing condition, tinnitus, which causes ringing in the ears? I remembered a Mr. Science experiment where the electromagnetic transparency of various substances was being demonstrated. A portable radio was

placed into a wooden box. 'Hear that? The radio is still playing, which means? That's right, wood is electromagnetically transparent.' The radio was imprisoned in various other containers to see what would happen. Then finally it was wrapped in aluminium foil, and fell silent. I ran into the kitchen and grabbed the tin foil. Pulling a three foot strip of it, I wrapped it around my head, and the buzzing stopped."

See <http://www.karenlyster.com/keith.html>