

20.SYNTHETIC TELEPATHY - THE EARLY MIND WARS

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Introduction: I first became aware of Allan Frey's work at Willow Grove in 1972, just after completing "The Holographic Concept of Reality." I was working with Dr. Carl Scheicher (MRU) at the time, and was asked about the significance of this work. Realizing its possible use in mind control, my first reaction was to go on "red alert." Full significance was not yet understood at this time. Basically, Frey had discovered another sensory motor input in the higher blue-band frequencies of 0.3-3.0 GHz. - at very low amplitudes of power. It was "as if" we had another type of "vision," but did not know how to "see" what was being received. It constituted the next generation of subliminal communications. My work at the time was involved with an AI database for paranormal references (Project Parafile). A second paper was also presented at the Omniversal Symposium, California State College at Sonoma, (September 29, 1973). This was titled "Embryonic Holography," and was an application of the "Holographic Concept of Reality" model. It dealt with biogenesis and neurological regeneration, and included speculation on the origins of cancer, faith healing, psychic surgery and more technical aspects of mind-body energetics. One week after the delivery of that paper, four men came into my place of business, two in suits and two in full Army dress. The two suits held me under close arrest, while the two Army personnel went through my files, pulling anything related to "Embryonic Holography." The paper was rewritten from old notes and memory, but it was not the same. What got this paper classified "top secret" for almost 20 years was that it was critical for the use of Allan Frey's study, and its possible application to mind control. I never was able to draw what was so important in that initial paper until I began researching this paper, more than 24 years later. I will discuss those aspects further into this document. In 1961, Allen Frey, a freelance biophysicist and engineering psychologist, reported that humans could hear microwaves. Most United States scientists dismissed this discovery as the result of outside noise. James C. Linn offered a more technical description of the experiment. "Frey found that human subjects exposed to 1310 MHz and 2982 MHz microwaves at average power densities of 0.4 to 2 mW/cm² perceived auditory sensations described as buzzing or knocking sounds. The sensation occurred instantaneously at average incident power densities well below that necessary for known biological damage and appeared to originate from within or near the back of the head." 55 Pulsed Microwave Technology Pulsed microwave voice-to-skull (or other-sound-to-skull) transmission was discovered during World War II by radar technicians who found they could hear the buzz of the train of pulses being transmitted by radar equipment they were working on. This phenomenon has been studied extensively by Dr. Allan Frey, (Willow Grove, 1965) whose work has been published in a number of reference books. What Dr. Frey found was that single pulses of microwave could be heard by some people as "pops" or "clicks", while a train of uniform pulses could be heard as a buzz, without benefit of any type of receiver. Dr. Frey also found that a wide range of frequencies, as low as 125 MHz (well below microwave) worked for some combination of pulse power and pulse width. Detailed unclassified studies mapped out those frequencies and pulse characteristics which are optimum for generation of "microwave hearing". Very significantly, when discussing electronic mind control, is the fact that the peak pulse power required is modest - something like 0.3 watts per square centimeter of skull surface, and that this power level is only applied or needed for a very small percentage of each pulse's cycle time. 0.3- watts/sq cm is about what you get under a 250-watt heat lamp at a distance of one meter. It is not a lot of power. When you take into account that the pulse train is off (no signal) for most of each cycle, the average power is so low as to be nearly undetectable. This is the concept of "spike" waves used in radar and other military forms of communication. Frequencies that act as voice-to-skull carriers are not single frequencies, as, for

example TV or cell phone channels. Each sensitive frequency is actually a range or “band” of frequencies. A technology used to reduce both interference and detection is called “spread spectrum”. Spread spectrum signals usually have the carrier frequency “hop” around within a specified band. Unless a receiver “knows” this hop schedule in advance, like other forms of encryption there is virtually no chance of receiving or detecting a coherent readable signal. Spectrum analyzers, used for detection, are receivers with a screen. A spread spectrum signal received on a spectrum analyzer appears as just more “static” or noise. The actual method of the first successful unclassified voice to skull experiment was in 1974, by Dr. Joseph C. Sharp and Mark Grove, then at the Walter Reed Army Institute of Research. A Frey-type audible pulse was transmitted every time the voice waveform passed down through the zero axes, a technique easily duplicated by ham radio operators who build their own equipment. The sensation is reported as a buzzing, clicking, or hissing which seems to originate within or just behind the head. The phenomenon occurs with carrier densities as low as microwatts per square centimeter with carrier frequencies from 0.3-3.0 GHz. By proper choice of pulse characteristics, intelligent speech may be created. Dr. James Lin of Wayne State University has written a book entitled: *Microwave Auditory Effects and Applications*. It explores the possible mechanisms for the phenomenon, and discusses possibilities for the deaf, as persons with certain types of hearing loss can still hear pulsed microwaves (as tones or clicks and buzzes, if words aren't modulated on). Lin mentions the Sharp and Grove experiment and comments: “The capability of communicating directly with humans by pulsed microwaves is obviously not limited to the field of therapeutic medicine.” “Synthetic Telepathy” In 1975, researcher A. W. Guy stated that “one of the most widely observed and accepted biologic effects of low average power electromagnetic energy is the auditory sensation evoked in man when exposed to pulsed microwaves.” He concluded that at frequencies where the auditory effect can be easily detected, microwaves penetrate deep into the tissues of the head, causing rapid thermal expansion (at the microscopic level only) that produces strains in the brain tissue. An acoustic stress wave is then conducted through the skull to the cochlea, and from there, it proceeds in the same manner as in conventional hearing. It is obvious that receiverless radio has not been adequately publicized or explained because of national security concerns. Today, the ability to remotely transmit microwave voices inside a target's head is known inside the Pentagon as “Synthetic Telepathy.” According to Dr. Robert Becker, “Synthetic Telepathy has applications in covert operations designed to drive a target crazy with voices or deliver undetected instructions to a programmed assassin.” This technology may have contributed to the deaths of 25 defense scientists variously employed by Marconi Underwater and Defense Systems, Easems and GEC. Most of the scientists worked on highly sensitive electronic warfare programs for NATO, including the Strategic Defense Initiative. It is claimed that directed energy weapons might have been used to literally drive these men to suicide and 291 accidents. Biological Amplification Using Microwave Band Frequencies The next major development in ELF weaponry was the concept of a biological amplification of these signals at the cell level to perpetuate and set up resonance for more sophisticated information transfer. This was the beginning of using more than one technology in a stack to do something “more.” While this was implied, it was never developed in “The Holographic Concept of Reality.” Electromagnetic fields or relatively weak power levels can affect intercellular communication. Bio-amplification is apparently why radio signals of very low average power (mw) can produce audio effects, and is difficult to detect. [Electromagnetic Interaction with Biological Systems, ed. Dr. James C. Lin, Univ. of Illinois, 1989, Plenum Press, NY] 57 Imposed weak low frequency fields (and radio frequency fields) that are many orders of magnitude weaker in the pericellular fluid (fluid between adjacent cells) than the membrane potential gradient (voltage across the membrane) can modulate the action of hormones, antibody neurotransmitters and cancer-promoting molecules at their cell surface receptor sites. These ELF sensitivities appear to involve nonequilibrium and highly cooperative processes that mediate a major amplification of initial weak triggers associated with the binding of these molecules (specific cell surface receptor sites). Membrane amplification is inherent in this transmembrane signaling sequence. Initial stimuli associated with weak perpendicular EM fields and with binding of stimulating molecules at their

membrane receptor sites elicit a highly cooperative modification of Ca^{++} binding to glycoproteins along the membrane. A longitudinal spread is consistent with the direction of extracellular current flow associated with physiological activity and imposed EM fields. This cooperative modification of surface Ca^{++} binding is an amplifying stage. By imposing RF fields, there is a far greater increase in Ca^{++} efflux than is accounted for in the events of receptor-ligand binding. From imposing RF fields. Enzymes are protein molecules that function as catalysts, initiating and enhancing chemical reactions that would not otherwise occur at tissue temperatures. This ability resides in the pattern of electrical charges on the molecular surface. Activation of these enzymes and the reactions in which they participate involve energies millions of times greater than in the cell surface, triggering events initiated by the EM fields, emphasizing the membrane amplification inherent in this trans-membrane signaling sequence. Frey and Messenger confirmed that a microwave pulse with a slow rise time was ineffectual in producing an auditory response. Only if the rise time is short, resulting in effect in a square wave with respect to the leading edge of the envelope of radiated radio-frequency energy, does the auditory response occur. This is why we don't "hear" ordinary radio and TV signals. The significance of "Embryonic Holography" now becomes more understandable. For example, the specific frequency bands (0.3-3.0 Hz) are so flat as to appear almost 2-dimensional to most biological processes on a semi-quantum mechanical level. This means that these frequencies can be seen as "scalar" in their possible interaction with specific brain processes. What these frequencies really are, however, are actual holograms of specific thoughts. They have a third component of detail (much like the patented P300 wave). This means that a hybrid form of brain fingerprinting is now possible. And, once these "images" are stored (usually in a very sophisticated super-cooled computer), similar responses can be fed back to the person, inducing virtually any state desired (via entrainment protocols).

58 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 Fmvoice 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".

59 Edward Tilton, President of Silent Sounds, Inc., says this about S-quad 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. Cloning the Emotions By using these computer-enhanced EEGs, scientists can identify and isolate the brain's low-amplitude "emotion signature clusters," synthesize them and store them on another computer. In other words, by studying the subtle characteristic brainwave patterns that occur when a subject experiences a particular emotion, scientists have been able to identify the concomitant brainwave pattern and can now duplicate it. "These clusters are then placed on the Silent Sound[™] carrier frequencies and will silently trigger the occurrence of the same basic emotion in another human being!" Regarding system delivery and applications, there is a lot more involved here than a simple subliminal sound system. There are numerous patented technologies that can be piggybacked individually or collectively onto a carrier frequency to elicit all kinds of effects. There appear to be two methods of delivery with the system. One is direct microwave induction into the brain of the subject, limited to short-range operations. The other, as described above, utilizes ordinary radio and television carrier frequencies. Far from necessarily being used as a weapon against a person, the system does have limitless positive applications. However, the fact that the sounds are subliminal makes them virtually undetectable and possibly dangerous to the general public. In more conventional use, the Silent Sounds Subliminal System might utilize voice commands, e.g., as an adjunct to security systems. Beneath the musical broadcast that you hear in stores and shopping malls may be a hidden message that exhorts against shoplifting. And while voice commands alone are powerful, when the subliminal presentation system carries cloned emotional signatures, the result is overwhelming. 60 Free-market uses for this technology are the common self-help tapes, positive affirmation, relaxation and meditation tapes, as well as methods to increase learning capabilities. But there is strong evidence that this technology is being developed toward global mind control. The secrecy involved in the development of the electromagnetic mind-altering technology reflects the tremendous power that is inherent in it. To put it bluntly, whoever controls this technology can control the minds of men - all men. There is evidence that the U.S. Government has plans to extend the range of this technology to envelop all peoples, all countries. This can be accomplished, and is being accomplished, by utilizing the nearly completed HAARP project for overseas areas and the GWEN network now in place in the U.S. The U.S. Government denies all this. Dr Michael Persinger is a Professor of Psychology and Neuroscience at Laurentian University, Ontario, Canada. His work and findings indicate that strong electromagnetic fields can and will affect a person's brain. "Temporal lobe stimulation can evoke the feeling of a presence, disorientation, and perceptual irregularities. It can activate images stored in the subject's memory, including nightmares and monsters that are normally suppressed." Mind Reading Devices Alan Yu, a former lieutenant colonel in the Taiwan National Defense Department, says that the United States has not only developed an operational mind control machine, but has also distributed models for use by allied countries. Yu states that such machines pose a great threat to human rights and the American way of life. He calls the device the "Mind Reading Machine" (Mind Machine). Yu writes that there are two sources of information detailing the existence of the Mind Reading Machine. The first evidence: In the 1970s, The South China Morning Post reported that the University of Maryland had invented a Thought Reading Machine. The original purpose of this invention was to help authorities investigate severe car accidents. It was to be used on people who

were severely injured to get their accounts of how the accidents occurred. In the spring of 1984, Yu was a lieutenant colonel serving in the National Defense Department of Taiwan. At that time, Yu read a classified document from the department that he serviced under. The document said the Military Police Department of Taiwan had purchased several of the Mind Reading Machines from the United States (In Taiwan, it was called Psychological Language Machine). The document was a request to the United States for parts to repair several malfunctioning machines. The machine allegedly uses microwaves to deliver spoken messages directly to the human brain, as well as using radio waves to hypnotize people or change their thoughts. Yu reports that before he left, this machine had become the most effective weapon for the security departments of Taiwan. In 1993, Defense News announced that the Russian government was discussing with American counterparts the transfer of technical information and equipment known as "Acoustic Psychocorrection." 61 The Russians claimed that this device involves the transmission of specific commands via static or white noise bands into the human subconscious without upsetting other intellectual functions. Demonstrations of this equipment have shown encouraging results after exposure of less than one minute and have produced the ability to alter behavior on unwilling subjects. A US Department of Defense medical engineer claimed in 1989 that the U.S. and Israel had regularly used microwaves to condition and control the minds of Palestinians. Unclassified ELF-Type Weapons Remote physical manipulation: Not covered in this document. At time of writing, that technology appears to be classified. Transmission methods for neuro-effective signals: This includes pulsed microwave (i.e., like radar signals) and ultrasound and voice-FM (transmitted through the air). Also known as "Synthetic Telepathy." While transmission of speech, dating from the early 1970s, was the first use of pulsed microwave, neuro-effective signals can now cause many other nerve groups to become remotely actuated. That specific technology is classified. Pavlovian hypnotic triggers: A [Pavlovian] hypnotic trigger is a phrase or any sensory cue that the subject is programmed to involuntarily act in a certain way. MKULTRA survivors can still be triggered from programming done decades ago. One of the main goals of the institutional/drug/child abuse phases of the CIA MKULTRA atrocities (1950's through 1970's) was to implant triggers using a "twilight state" (half-conscious) medication and tape-recorded hypnosis. The ultimate goal was to have the acting out of Pavlovian triggers erased from the victim's memory. These triggers are now planted using either of the above two transmission methods, but with the words moved up just above (or near the top of) the audible frequency range. The result is that hypnotic triggers are planted without the subject being aware. This technology was used in the Gulf War as "Silent Sound." Through-wall surveillance methods: This includes top end of microwave (near infrared), and the so-called "millimeter wave" scanning. This method uses the very top end of the microwave radio signal spectrum just below infrared. To view small objects or people clearly, the highest frequency that will penetrate non-conductive or poorly-conductive walls is used. Millimeter wave scanning radar can be used in two modes: The first is passive (no radiated signal) and uses background radiation already in the area to be scanned. It is totally undetectable. The active system uses a (low power millimeter wave) "flashlight" attached to the scanner. 62 Thought reading: Thought reading can be classed as a form of "through wall surveillance" technology. In the unclassified and commercial realms, it is called thru-skull microwave reading, and magnetic skull-proximity reading. Brain entrainment: This involves moods and sleep states, the reverse of biofeedback. The low frequency electrical brain rhythms are characteristics of various moods and states of sleep. Not only can they now be read out using biofeedback equipment or EEG machines, but also radio, sound, contact electrodes, or flashing lights. These moods and sleep states can be generated or at least encouraged using brain entrainment devices. Brain entrainment signals cannot carry voice, which is a much higher frequency range. Brain entrainment can, however, be used to "set up" a target to make him/her more susceptible to hypnosis. Implantation: (no longer required) Specific ELF Weapons Ultrasound and Voice-FM: Main advantage in mind control work is that it can carry verbal hypnosis, more potent than simple biorhythm entrainment. An example is Chicago's Airport Terminal connection tunnels and their "Keep Walking." Steady tone, near the high end of hearing range (15,000 Hz). Hypnotist's voice, varying from 300 to 4,000 Hz, fed into a frequency modulator, where the voice controls the frequency. Output

is now a steady tone, sounding like tinnitus, but with hypnosis embedded. While the brain can hear and understand, the ear only hears a “tone” or a “rush.”

Most Common Known ELF Effects: Here is a list of most of the common effects. It is intended to show how the various induced stress effects are broken down. Indent levels are used to show categories and sub-categories:

- Invasive At-a-Distance Body Effects (including mind):** Sleep deprivation and fatigue: Silent but instantaneous application of “electronic caffeine” signal, forces awake and keeps awake Loud noise from neighbors, usually synchronized to attempts to fall asleep Precision-to-the-second “allowed sleep” and “forced awakening”; far too precise and repeated to be natural Daytime “fatigue attacks”, can force the victim to sleep and/or weaken the muscles to the point of collapse Audible Voice to Skull (V2S): Delivered by apparent at a distance radio signal Made to appear as emanating from thin air Voices or sound effects only the victim can hear 63 Inaudible Voice to Skull (Silent Sound): Delivered by apparent at a distance radio signal; manifested by sudden urges to do something/go somewhere you would not otherwise want to; silent (ultrasonic) hypnosis presumed Programming hypnotic “triggers” - i.e., specific phrases or other cues which cause specific involuntary actions Violent muscle triggering (flailing of limbs): Leg or arm jerks to violently force awake and keep awake Whole body jerks, as if body had been hit by large jolt of electricity Violent shaking of body; seemingly as if on a vibrating surface but where surface is in reality not vibrating Precision manipulation of body parts (slow, specific purpose): Manipulation of hands, forced to synchronize with closed-eyes but FULLY AWAKE vision of previous day; very powerful and coercive, not a dream Slow bending almost 90 degrees BACKWARDS of one toe at a time or one finger at a time Direct at-a-distance control of breathing and vocal cords; including involuntary speech iv. Spot blanking of memory, long and short term Reading said-silently-to-self thoughts: Engineered skits where your thoughts are spoken to you by strangers on street or Real time reading sub vocalized words, as while the victim reads a book, and BROADCASTING those words to nearby people who form an amazed audience around the victim Direct application of pain to body parts: Hot-needles-deep-in-flesh sensation Electric shocks (no wires whatsoever applied) Powerful and unquenchable itching, often applied precisely when victim attempts to do something to expose this “work” “Artificial fever”, sudden, no illness present v. sudden racing heartbeat, relaxed situation Surveillance and tracking: Thru-wall radar and rapping under your feet as you move about your apartment, on ceiling of apartment below Thru-wall radar used to monitor starting and stopping of your urination – water below turned on and off in sync with your urine stream Loud, raucous artificial bird calls everywhere the victim goes, even into the wilderness Invasive Physical Effects at a Distance (non-body): Stoppage of power to appliances (temporary, breaker ON) Manipulation of appliance settings Temporary failures that “fix themselves” Flinging of objects, including non-metallic Precision manipulation of switches and controls Forced, obviously premature failure of appliance or parts 64 External Stress-Generating “Skits”: Participation of strangers, neighbors, and in some cases close friends and family members in harassment: Rudeness for no cause Tradesmen always have “problems”, block your car, etc. Purchases delayed, spoiled, or lost at a high rate Unusually loud music, noise, far beyond normal Break-ins/sabotage at home: Shredding of clothing Destruction of furniture Petty theft Engineered failures of utilities Sabotage at work: Repetitive damage to furniture Deletion/corruption of computer files Planting viruses which could not have come from your computer usage pattern Delivered goods delayed, spoiled, or lost at a high rate Spreading of rumors, sabotage to your working reputation Direct sabotage and theft of completed work; tradesmen often involved and showing obvious pleasure In summary, the effects include: To the Brain: Forced memory blanking and induced erroneous actions Induced changes to hearing. Both apparent direction and volume, and sometimes even content Reading and broadcasting thoughts. “How can that lady talk with her mouth closed?” Vivid controlled dreams. Forced waking visions: some synched with forced body motion Microwave hearing Sleep prevention each night, at exactly the same time (for weeks) To the Face: Sudden violent itching inside eyelids Forced manipulation of airways, including externally controlled forced speech “Transparent eyelids” Artificial tinnitus (ringing in ears) Forced movement of jaw and clacking of teeth To the Body: Wilding racing heart without cause Remotely induced violent no-rash itching Forced nudging of arm during delicate or messy work

causing injury or spills Forced “muscle quaking” on large muscles on the back or other unexplainable vibrations and cases of repeated fresh watch batteries dying then forced precision manipulation of hands. Sometimes synched to the forced waking visions. Special attention to genital area: itching, forced orgasm, intense pain, “hot needles” Intense general pain in the legs, like stings. 65

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