

International Movement for the Ban of Manipulation of Human Nervous System by Technical Means

"In the past the individual could face risks and pressures with preservation of his own identity. His body could be tortured, his thoughts and desires could be challenged by bribes, by emotions, and by public opinion, and his behavior could be influenced by environmental circumstances, but he always had the privilege of deciding his own fate, of dying for an ideal without changing his mind...New neurological technology, however, has a refined efficiency. The individual is defenseless against direct manipulation of the brain..." (Jose Delgado, 1969, neurophysiologist at the Yale University)

"Neuroscience is being increasingly recognized as posing potential threat to human rights"

(from the article on the annual public meeting of the French National Bioethics Committee in magazine Nature, volume 391, January 22, 1998)

On January 1999 the European Parliament passed a resolution where it (in paragraph 27) calls "for an international convention introducing a global ban on all developments and deployments of weapons which might enable any form of manipulation of human beings".

(http://www.europarl.eu.int/home/default_en.htm?redirected=1 click on Plenary sessions, scroll down to Reports by A4... number - click, choose 1999 and fill in 005 to A4). It is our conviction that this ban can not be implemented without the global pressure of the informed general public on the governments. Our major objective is to get across to the general public the real threat which those weapons represent for human rights and democracy and to apply pressure on the governments and parliaments around the world to enact legislature which would prohibit the use of those devices to both government and private organizations as well as individuals.

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Why the movement must be international?

For the simple reason that no state will abandon its mind control technology, fearing that other states will use it against itself, for as long as other states will not abandon it as well.

("Russian army major I. Chernishev, writing in the military journal Orienteer in February 1997, asserted that "psy" weapons are under development all over the globe".

Parameters, pp 38 - 46, U.S. Army War College Quarterly - Spring 1998,

Timothy L. Thomas: The Mind Has No Firewall Against PSI Warfare and Thought Control")

For that matter national organizations for the ban of radiofrequency weapons enabling the control of human nervous functions should be formed all over the globe and cooperate their efforts. We can only encourage you to form one. If you wish to join the international movement for the ban of radiofrequency weapons controlling human nervous system just e-mail your name, city where you reside and the state to one of the e-mail addresses above. The list of those who support the ban of those weapons you will find below the references of the following article. You can add your name to the list using the same procedure (we will not publish your street address).

Behind the list you will find the WORLD STATISTICS OF SUSPECTED MIND CONTROL EXPERIMENTATION.

Important new information - excerpts from the book of the Russian politician Vladimir Lopatin you will find behind the WORLD STATISTICS at the end of this site.

If you want to support our effort to ban the technology enabling the remote

control of human psyche financially, please, send your contribution at the account

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We need money to be able to get equipment which could help us to present to the public the feasibility of mind control by means of electromagnetic radiation and declassify it in this way.

IS THAT FEASIBLE TO MANIPULATE HUMAN BRAIN AT DISTANCE?

Last year, in October, the congressman Denis J. Kucinich introduced in the American Congress a bill, obliging the American president to get engaged in the negotiations aimed at the ban of space based weapons. In this bill the definition of a weapon system includes: “any other unacknowledged or as yet undeveloped means inflicting death or injury on, or damaging or destroying, a person (or the biological life, bodily health, mental health, or physical and economic well-being of a person)... through the use of land-based, sea-based, or space-based systems using radiation, electromagnetic, psychotronic, sonic, laser, or other energies directed at individual persons or targeted populations for the purpose of information war, mood management, or mind control of such persons or populations”(12). As in all legislative acts quoted in this article the bill counts with sound, light or electromagnetic stimulation of human brain. Psychotronic weapons remain, at least for a layman uninformed of secret military research, in the sphere of science fiction, since so far none of the published scientific experiments was presented in the way which would allow for its replication.

That it is feasible to manipulate human behavior with the use of subliminal, either sound or visual, messages is now generally known. This is why in most of the countries the use of such technologies, without consent of the user, is baned. Devices using light for the stimulation of the brain show another way how the light flashing in certain frequencies could be used for the manipulation of human psychic life. As for the sound, a report on the device transmitting a beam of sound waves, which can hear only persons at whom the beam of sound waves is targeted, appeared last year in the world newspapers. The beam is formed by a combination of sound and ultrasound waves which causes that a person targeted by this beam hears the sound inside of his head. Such a perception could easily convince the human being that it is mentally ill. The facts presented in this article suggest that with the development of technology and knowledge of the functioning of human brain new ways of manipulation of human mind keep emerging. One of them seems to be the electromagnetic energy.

Though in the open scientific literature only some 30 experiments were published, supporting this assumption (1),(2), already in 1974, in the USSR, after successful testing with military unit in Novosibirsk, the installation Radioson (Radiosleep) was registered with the Government Committee on the Matters of Inventions and Discoveries of the USSR, described as a method of induction of sleep by means of radio waves (3), (4), (5). In the scientific literature technical feasibility of making a human being asleep by radio waves is confirmed in the book by English scientist carrying out research on the biological effects of electromagnetism (6). In the report by World Health Association on nonionizing radiation from 1991 we read "Many of biological effects observed in animals exposed to ELF fields appear to be associated, either directly or indirectly, with the nervous system..." (2). Among the published experiments there are experiments where pulsed microwaves caused the synchronization of isolated neurons with the frequency of pulsing of microwaves - for example a neuron firing at a frequency 0.8 Hz was forced in this way to fire the impulses at a frequency of 1 Hz. As well pulsed microwaves changed the concentration of neurotransmitters in brain (neurotransmitters are a part of the mechanism which causes the firing of neurons in the brain) and reinforced or attenuated the effects of drugs delivered into the brain (1). The experiment where the main brain frequencies registered by EEG were synchronized with the frequency of microwave pulsing (1,2) might explain the function of the Russian installation Radioson. Microwaves pulsed in the sleep frequency would cause the synchronization of the brain activity with the sleep frequency and in this way produce the sleep. Pulsing of microwaves in frequency predominating in the brain at awaked state could by the same procedure deny the sleep to a human being. A report derived from the testing program of the Microwave Research Department at the Walter Reed Army Institute of research states "Microwave pulses appear to couple to the central nervous system and produce stimulation similar to electric stimulation unrelated to heat". In a many times replicated experiment microwaves pulsed in an exact frequency caused the efflux of calcium ions from the nerve cells (1,2). Calcium plays a key role in the firing of neurons and Ross Adey, member of the first scientific team which published this experiment, publically expressed his conviction that this effect of electromagnetic radiation would interfere with concentration on complex tasks (7). Robert Becker, who had share in the discovery of the effect of pulsed fields at the healing of broken bones, published the excerpts from the report from Walter Reed Army Institute testing program. In the first part "prompt debilitation effects" should have been tested (8). Were not those effects based on the experiment by Ross Adey and others with calcium efflux? British scientist John Evans, working in the same field, wrote that both Ross Adey and Robert Becker lost their positions and research grants and called them "free-thinking exiles" (6). In 1975, in the USA, a military experiment was published where pulsed microwaves produced, in the brain of a human subject, an audio perception of numbers from 1 to 10 (9). Again the possibility to convince human being that it is mentally ill is obvious. The testing program of American Walter Reed Army Institute of Research, where the experiment took place, counts with "prompt auditory stimulation by means of auditory effects" and finally aims at "behavior controlled by stimulation" (8). Let us imagine that the words delivered into the brain were transcribed into ultrasound frequencies. Would not then the subject perceive those words as his own thoughts? And could not then his behavior be controlled in this way? The American Air Force 1982 "Final Report On Biotechnology Research Requirements For Aeronautical Systems Through the Year 2000" states: "While initial attention should be toward degradation of human performance through thermal loading and electromagnetic field effects, subsequent work should address the possibilities of directing and interrogating mental functioning, using externally applied fields..." (10).

Several scientists warned that latest advances in neurophysiology could be used for the manipulation of human brain. In June 1995, Michael Persinger, who worked on the American Navy's project of Non-lethal electromagnetic weapons (11), published, in a scientific magazine, an article where he states: "the technical capability to influence directly the major portion of the approximately six billion brains of the human species without mediation through classical sensory modalities by generating neural information within a physical medium within which all members of the species are immersed... is now marginally feasible" (12). In 1998, the French National Bioethics Committee warned that "neuroscience is being increasingly recognized as posing potential threat to human rights" (13). In May 1999 the neuroscientists conference, sponsored by the UN, took place in Tokyo. In the declaration we read: "Today we have intellectual, physical and financial resources to master the power of the brain itself, and to develop devices to touch the mind and even control or erase consciousness... We wish to profess our hope that such pursuit of knowledge serves peace and welfare" (14).

The events at the international political scene, in the last few years, confirm that the concept of remote control of human brain is a matter of negotiations. In January 1999 the European Parliament passed a resolution where it "calls for an international convention introducing a global ban on all developments and deployments of weapons which might enable any form of manipulation of human beings." (15)

Already in 1997 nine states of the Union of Independent States addressed OUN, OBSE and the states of the Interparliamentary Union with the proposal to place at the agenda of the General Assembly of the Organization of United Nations the preparation and conclusion of an international convention "On Prevention of Informational Wars and Limitation of Circulation of Informational Weapons" (17), (3).

The initiative was originally proposed, in the Russian State Duma, by Vladimir Lopatin (1). V. Lopatin worked, from 1990 to 1995, in sequence, in the Committees on Security of the Russian Federation, Russian State Duma and Interparliamentary Assembly of the Commonwealth of Independent States, specializing in informational security (3). The concept of informational weapon or informational war is rather unknown to the world general public. In 1999, V. Lopatin, together with Russian scientist Vladimir Tsygankov, published a book "Psychotronic Weapon and the Security of Russia" (3). There we find the explanation of this terminology: "In the report on the research of the American Physical Society for the year 1993 the conclusion is presented that psychophysical weapon systems... can be used... for the construction of a strategic arm of a new type (informational weapon in informational war)..." Among many references to this subject we find Materials of the Parliament Hearings "Threats and Challenges in the Sphere of Informational Security", Moscow, July 1996, "Informational Weapon as a Threat to the National Security of the Russian Federation" (analytical report of the Intelligence Service of the Russian Federation), Moscow, 1996 and a material "To Whom Will Belong the Consciencious Weapon in the 21st century", Moscow, 1997. (18). In 2000 V. Lopatin introduced, after two other authors, the third in order bill on the subject of "Informational and Psychological Security of the Russian Federation". The Russian newspaper Segodnya wrote about this draft: "...means of informational-psychological influence are capable not only to harm the health of a person, but, as well, cause – and quotation of Lopatin's draft follows – "the blocking of freedom of will of human being on subliminal level, the loss of ability of political, cultural and other selfidentification of human being, the manipulation of societal consciousness" and even "destruction of united informational and spiritual space of Russia" (17).

In the book "Psychotronic Weapon and the Security of Russia" the authors propose among the basic principles of the Russian concept of the defense against the remote control of human psyche the acknowledgement of its factual existence as well as the acknowledgement of "realistic feasibility of informational, psychotronic war (which as a matter of fact is actually taking place without declaration of war)" (19). They quote as well the record from the session of the Russian Federation Federal Council where V. Lopatin stated that psychotronic weapon can "cause the blocking of the freedom of will of a human being on a subliminal level" or "instillation into the consciousness or subconsciousness of a human being of information which will cause faulty perception of the reality" (20). For that matter they propose the preparation of national legislative as well as the norms of international law "aimed at the defense of human psyche against subliminal, destructive, informational effects" (21). As well they propose the declassification of all works on this technology and warn that, as a consequence of the classification, the arms race is speeding up making the psychotronic war probable. Among the possible sources of remote influence on human psyche they list the "generators of physical fields" of "known as well as unknown nature" (22).

In 1999 the STOA (Scientific and Technological Options Assessment), part of the Directorate General for Research of the European Parliament published the report on Crowd Control Technologies, ordered by them with the OMEGA foundation in British Manchester (23). One of four major subjects of the study are the "2nd generation" or "non lethal" technologies: "This report evaluates the second generation of 'non-lethal' weapons which are emerging from national military and nuclear weapons laboratories in the United States as part of the Clinton Administration's 'non-lethal' warfare doctrine now adopted in turn by NATO. These devices include weapons using... directed energy beam,... radio frequency, laser and acoustic mechanisms to incapacitate human targets" (24) The report states that "the most controversial 'non-lethal' crowd control ... technology proposed by the U.S., are so called Radio Frequency or Directed Energy Weapons that can allegedly manipulate human behavior... the greatest concern is with systems which can directly interact with the human nervous system" (25). The report also states that "perhaps the most powerful developments remain shrouded in secrecy" (26). The unavailability of official documents confirming the existence of this technology may be the reason why the OMEGA report is referencing, with respect to mind control technology, the internet publication of the author of this article (27). In an identical approach the internet publication of the directrice of the American human rights and anti mind control organization (CAHRA), Cheryl Welsh, is referenced by joint initiative of Quaker United Nations Office, United Nations Institute for Disarmament Research, and Programme for Strategic and International Security Studies, with respect to non-lethal weapons (28).

On September 25th, 2000 the Committee on Security of the Russian State Duma discussed the addendum to the article 6 of the Federal law On Weapons. In the resolution we read: "The achievements of contemporary science... allow for creation of measured methods of secret, remote influencing on the psyches and physiology of a person or a group of people" (29). The committee recommended that the addendum be approved.

The addendum to the article 6 of the Russian Federation law "On Weapons" was approved on July 26, 2001. It states: " within the territory of the Russian Federation is prohibited the circulation of weapons and other objects... the effects of the operation of which are based on the use of electromagnetic, light, thermal, infra-sonic or ultra-sonic radiations..." (30). In this way the Russian government made a first step to stand up to its dedication to the ban of mind control technology.

In the Doctrine of Informational Security of the Russian Federation, signed by president Putin in September 2000, among the dangers threatening the informational security of Russian Federation, is listed "the threat to the constitutional rights and freedoms of people and citizens in the sphere of spiritual life... individual, group and societal consciousness" and "illegal use of special means affecting individual, group and societal consciousness" (31). Among the major directions of the international cooperation toward the guaranteeing of the informational security is listed "the ban of production, dissemination and use of 'informational weapon' " (32). This should be interpreted as the continuing Russian dedication to the international ban of the means of remote influencing of the activity of human brain.

In the above mentioned report, published by the STOA, the originally proposed version of the resolution of the European Parliament is quoted, calling for "an international convention for a global ban on all research and development... which seeks to apply knowledge of the chemical, electrical, sound vibration or other functioning of the human brain to the development of weapons which might enable the manipulation of human beings, including a ban of any actual or possible deployment of such systems."(33) Here the term "actual" might easily mean that such weapons are already deployed.

Among the countries with the most advanced military technologies those are the USA which did not present any international initiative demanding the ban of technologies enabling the remote control of human mind. (The original version of the bill by Denis J. Kucinich was changed.) All the same, according to the study published by STOA, the USA are the major promoter of the use of those arms. Non lethal technology was included into NATO military doctrine due to their effort: "At the initiative of the USA, within the framework of NATO, a special group was formed, for the perspective use of devices of non-lethal effects" states the record from the session of the Committee on Security of the Russian State Duma (29). The report published by STOA states: "In October 1999 NATO announced a new policy on non-lethal weapons and their place in allied arsenals" (34). "In 1996 non-lethal tools identified by the U.S. Army included... directed energy systems" and "radio frequency weapons" (35) - those weapons, as was suggested in the STOA report as well, are being associated with the effects on human nervous system. According to the Russian government informational agency FAPSI, in the last 15 years, the U.S. expenses on the development and acquisition of the means of informational war grew four times and at present time they occupy the first place among all military programs (17),(3). Though there are other concepts of informational war than mind control, the unwillingness of the USA to engage in the negotiations aimed at the ban of the manipulation of human brains might indicate their intent to use those means in internal as well as international affairs. One clear consequence of the continuation of the apparent politics of secrecy surrounding technologies enabling remote control of human brains might be that the governments, who would own such technologies, could use them without having to take into consideration the opinion of the general public. The concept of the democratic world would be, though secretly, disrupted in this way, and in the future the world populations could live in only fake democracy where their own or foreign governments might, by means of secret technologies, shape their opinions.

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<http://www.geocities.com/CapeCanaveral/Campus/2289/webpage.htm>)

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16. <http://thomas.loc.gov/> and search for Space Preservation Act then click at H.R.2977
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18. See ref. 3), pg. 107
19. See ref. 3) pg. 97
20. See ref. 3), pg. 107
21. See ref. 3), pg. 108
22. See ref. 3) pg. 13

23. http://www.europarl.eu.int/stoa/default_en.htm (choose publications and "Crowd Control Technologies")
24. see ref. 23 pg. XIX or 25
25. see ref. 23 pg. LIII or 69
26. see ref. 23 pg. XLVII or 63, aswell pg. VII-VIII or 7-8, pg. XIX or 25, pg. XLV or 61
27. see ref. 19) pg. LIII or 69, note 354
28. <http://www.unog.ch/unidir/Media%20Guide%20> CAHRA and Cheryl Welsh are listed at the page 24
29. Document sent by Moscow Committee of Ecology of Dwellings. Telephone: Russian Federation, Zelenograd, 531-6411, Emilia Tschirkova, directrice
30. Search www.rambler.ru, there "poisk" (search) and search for "gosudarstvennaja дума" (State Duma) (it is necessary to type in Russian alphabet), at the page which appears choose "informacionnyj kanal gosudarstvennoj dumy" (Informational Channel of the Russian State Duma), there "federalnyje zakony podpisanyje prezidentom RF" (Federal laws signed by president of the Russian Federation), choose year 2001 and search 26 ijulja, è. N 103-F3 (July 26, 2001, number N 103-F3), "O vnesenii dopolnenija v statju 6 federalnogo zakona ob oružii" (addendum to the article 6 of the Federal law on weapons)
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32. See ref. 31, pg. 19, "Miždunarodnoje sotrudničestvo Rossijskoj Federacii v oblasti obespečenija informacionnoj bezopasnoti" (International Cooperation of the Russian Federation in Assuring the Informational Security"
33. See ref.23, pg. XVII or 33
34. See ref.23, pg. XLV or 61
35. See ref.23 pg. XLVI or 62

ARE THERE SECRET WEAPONS OF MASS DESTRUCTION ?

"20 years ago, when we started working on microwave therapy, we made an agreement that the discoveries in this area we will never use to the detriment of people. The warning of general Kobets, that OMON (Russian antiterrorist police) has got psychotronic weapon goes to prove that the psychotronic weapon has been already produced. If it finds a way into the hands of people with bad intentions, it may be more dangerous than nuclear bomb, since it is capable to stifle the free will of a human being. We address president Yeltsine and democratic organisations of the world with a demand that the use of psychotronic generators in quality of weapons is baned."

This call of several chiefs of Russian research institutes, universities and medical institutions was published by Russian daily Komsomolskaya Pravda in June 1992 (K.P. June 6 1992, V. Umnov: "Programa 'Zombi': Kupite ustroistvo dlja sleszki za sosedomi") Together with this information the daily published the results of the measurement of densities of radiofrequency radiation in 10 appartments in Moscow, where the families complained that their psychic

activity and physical shape are being manipulated by electromagnetic radiation. In all ten apartments intensive, directed electromagnetic radiation was found.

When in 1991 Komsomorskaya Pravda published the story of a former lieutenant colonel of the Soviet KGB, who complained of the same problems, the newspaper received more than 400 letters from people with similar experiences. Since out of ten above mentioned families only one wrote a letter there is a strong possibility that there are perhaps ten times more such people in Russia.

Cheryl Welsh, the director of an American organisation engaged in the defence of people complaining of manipulation of their nervous system by technical means, claims that she has received more than 2500 letters describing such experiences and asking for help.

Since the beginning of this year, in the state Michigan in the USA, is in effect a law according to which any person producing, delivering, possessing, transporting or using harmful electronic or electromagnetic device may be sentenced up to 15 years in prison. The same punishment is defined in the law for biological, chemical and radioactive weapons. Is there not in place a question whether the U.S. government does not own electronic and electromagnetic weapons of mass destruction? In the year 2002 the Russian State Duma passed an amendment to the Russian law on weapons prohibiting the circulation of ultrasound, infrasound and electromagnetic equipment the parameters of which exceed the safety limits. In 2003 the Russian weekly Argumenty i Fakty (A.iF.na Enisee, No. 1-2/2003, Aleksei Krivogornitsyn: "Tainoe Superoruzie v Dele") published an interview with Sergei Voroshilov, who initiated this amendment. He said " We are facing a new and shocking situation: there exists a new type of criminality against which people have no means of defence. Official power ignores this problem... until now there was no section or office formed in the executive branch which would be commissioned to deal with this type of criminality."

The same weekly, already in 1994 (Argumenty i Fakty No. 48/1994, Yuri Vorobievski: "Mozgolomy"), published an article describing the shooting of a TV series on psychotronic weapons entitled "Black Box" (the shooting was soon put to a stop). The journalist sat down in front of a psychotronic generator and started describing his experiences "I can not see clearly any more. I can not concentrate... something is stifling my brain...". The designer of the generator, the doctor of medical sciences, Yakov Rudakov, told the journalists that the generator is capable to affect the hall full of people, that it can be used to make people asleep or produce hallucinations and that the method is called "neurolinguistic programming". In another article on the same page of the weekly was quoted a former deputy director of the enterprise working under military contracts as saying that his enterprise produced an equipment capable to affect, from the satellite, the psychophysical activity of the population of the whole region of Krasnoyarsk.

The weekly "Argumenty i Fakty" wrote that in the next part of the TV shooting the journalist, who volunteered for the experiment, was supposed to be subjected to "coding". This meant that into his brain an activity should be programmed which he would perform when he hears an unusual word connection like "blue camomile". As an example of what he could do the weekly wrote that he could jump out of the window. Though the result of this experiment was not published, in Russia was this method recalled after the death of general Rokhlin, who in 1998, several weeks before his death, on several occasions repeated that there exist signs that there is being prepared an assault on his life. He even visited the editor's office of the weekly "Argumenty i Fakty" (A.iF., second half of the year 1998, Pavel Sorokin: "Versii Ubiistva

General Rokhlina") and during the visit he described the possible scenario of the assassination. He said "either they will arrange for a car accident or everything will look like a result of a drunken spree or as a result of a family dispute". General Rokhlin, who planned to organize army protests against the army reform, was shot by his wife. Before a murder she had a quiet phone conversation with her girlfriend.

In the quoted article by Komsomolskaya Pravda it was stated that the subject of "the effects of microwave radiation on human behavioral functions (creation of biorobots)" was placed on the "List of Information Banned from Publication" in the year 1990 in Russia. In 2003 the weekly "Argumenty i Fakty" (the same reference as above) wrote: "Without any doubt there exist technologies of physical and psychical oppression of human being... but there is no chance to receive information on this subject from the first hand" since it is "most highly classified". It is clear that for as long as those weapons remain classified they can be used no matter that their use is in conflict with the constitutions of democratic countries. In this way a system of parallel democracy is created where to some people the rights are denied which are guaranteed to others. The statistics of people claiming that they are used for mind control experimentation suggest that this holds true especially for the USA and Russian Federation, both countries well known for their mind control research.

PSYCHOELECTRONIC THREAT TO DEMOCRACY

THE SECRET ARMS RACE

THE RUSSIAN FEDERATION AND THE USA BUILT RADAR SYSTEMS THAT COULD ENABLE THEM TO CONTROL THE MINDS OF WHOLE POPULATIONS

SCIENTIFIC INFORMATION, MILITARY DOCUMENTS,

WARNINGS BY CIVILIAN AND MILITARY RESEARCHERS

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HISTORY - THE SCANDAL IN THE USA IN THE SEVENTIES AND THE ELECTRICAL BRAIN STIMULATION

When in 1951 American secret services started work on the project Artichoke they have set their goals as follows: "Evolution and development of any method by which we can get information from a person against his will and without his

knowledge... Can we get control of an individual to the point where he will do our bidding against his will and even against such fundamental laws of nature

such as self preservation?" This publication in the New York Times (1) was a result of the scandal caused by the abuse of the patients of the Canadian mental hospital Allan Memorial Institute. In another CIA report quoted in the New York Times article it is stated: "Many phases of the research in the control of human behavior involve a high degree of sensitivity. The professional reputations of outside researchers are in jeopardy since the objectives of such research are widely regarded as anti-ethical or illegal" (2) The patients of the Allan Memorial Institute were used for the experiments with drugs and drastic psychological experiments inspired by the Soviet political processes. They were placed in total isolation and deprived of sensory perception. When the CIA learned that they intend to start legal proceedings against the Allan Memorial Institute, they issued an order to destroy all the documents on the MKULTRA project. The reason was to get rid of the evidence of their involvement in the experiments and to protect other secret subprograms of the MKULTRA project from leaking in the public. Even if this order might have been only fictitious the CIA omitted to destroy the financial records of the MKULTRA project (3). In this way in August 1977 the scandal broke out and some of the secret documents on the research leaked out. Among them were

CIA memorandums on the experiments with cats used as remote controlled microphones and dogs used as remote controlled bombs.

The signals in the nerves, in the brain and the whole body are carried by weak

electrical impulses. The scientists who experimented since 1930 with the electrical stimulation of the brain inserted tiny wires (electrodes) into the brains of animals and humans and stimulated the nerves in different points of the brain by impulses of weak electrical current. In this way they produced reactions normally aroused by sensory perceptions or events inside of the organism. In the early sixties the CIA experimented with the use of dogs and cats as guided microphones and bombs. The report on MKULTRA subproject 94 issued in October 1960 read : "Initial biological work on techniques and brain locations essential to providing conditioning and control of animals has been completed...The feasibility of remote control of activities in several species of animals has been demonstrated. The present investigations are directed toward improvement of techniques" (4). The CIA research staff memorandum for the deputy director of the agency of April 21, 1961 states a production capability: "At present time we feel that we are close to having debugged a prototype system whereby dogs can be guided along specific courses through land areas out of sight and at some distance of the operator... In addition to its possible practical value in operations, this phenomenon is a very useful research tool in the area of the behavioral sciences. Dr. {blacked out} is taking appropriate action to exploit our knowledge of this area and provide adequate background for

the development of future Agency applications in the general areas of Influencing Human Behavior, Indirect Assessment and Interrogation Aids" (4)

In 1969 Dr. Jose Delgado, a Yale psychologist, published a book "Physical Control of the mind, Toward a Psychocivilized Society" (5). In this book he presented the results of the 30 years long research. The scientists had succeeded in mapping out the relations between different points in the brain and all kinds of activities, functions and sensations of humans and animals. 100 stimulations of one point in the bull's brain made him 100 times bellow. The stimulation of the motion center in the cat's brain by electric current of 1,2 miliampere made it raise his hind foot above the floor, at 1,5 miliampere it raised the foot by 4 cm, at 1,8 miliampere it raised the foot all the way up, at 2 miliamperes it raised the foot even during the jump and landed badly. When a man was asked to straighten his hand the bending of which was stimulated he replied "I think your electricity is stronger then my will." By means of electrical stimulation of the brain the rhythm of breathing and heart beat [this was even stopped for several pulses] was affected as well as the function of the most of the viscera - alike the secretion of the gall bladder. As well frowning, opening and closing of eyes and mouth, chewing, yawning, sleep, dizziness, epileptic seizures in healthy persons etc. were induced. The behavior aroused by stimulation was purposeful - a cat with whom the licking was induced was looking for something to lick. Stimulation of more superior nerves in the brain produced more complex movements: a monkey got to walk whenever the stimulation of a point in the brain started and sat back to eat its food whenever

the stimulation was stopped. The stimulation of points in the brain where feelings and emotions reside produced decisions. A passive, depressed woman tore up a piece of paper when her center of anger was stimulated: "I did not control myself. I had to get up and tear.", she commented. An aggressive woman, with the same point stimulated, got up and smashed against the wall the guitar she was playing until the moment of stimulation. The intensity of feelings could be controlled by turning the knob which controlled the intensity of the electric current. When the pleasure center was stimulated women offered marriage to therapists. Stimulation of a point in a monkey's brain stopped her maternal behavior toward a newborn baby. When the limbic system was stimulated the patients vigilance weakened, they lost capacity to think, often they began to undress or grope and when the stimulation stopped they did not remember it. The closest of human inventions to nature documents the best experiment when the electrodes were implanted in the cat's internal ear and connected with an amplifier and loudspeakers. The cat's internal ear then functioned as a microphone converting the sounds into electrical impulses which were collected by electrodes and from the loudspeakers sounded the words whispered into the cat's ears [remember the use of cats by the CIA as guided microphones]. John Stanton Yeomans, in his book "Principles of Brain Stimulation" (6) of 1990 describes an experiment where, by the electrical stimulation of visual brain center the perception of Braille characters in blind persons was induced. They have learned to read them. John Stanton Yeomans writes that by the electrical stimulation of the brain hundreds of reactions were produced including complex thoughts.

Jose Delgado himself became world known when he faced a charging bull, fitted with electrodes and with no other protection save the small black box in his

hands with which he had goaded the bull to become further enraged. Then with the bull almost upon him, he pressed another button and the animal promptly stopped in its tracks. At the end of his book Jose Delgado states that the hope that the new power acquired by the behavioral science will remain limited to scientists or some charitable elite does not raise neither distant nor recent past and that the control of human behavior will quickly progress in methodology as well as in applicability. He proposed to employ this new knowledge to create a "psychocivilized society".

Gordon Thomas (the author of the book inspired by the abuse of mental patients in Montreal used for the CIA drug and psychological research) who, besides the CIA documents, based his book on interviews with the former CIA employees describes the visit of the director of the CIA Office of Research and Development at the CIA directors office in 1972 where he enthused that the lectrical stimulation of the brain was the key to creating not only a psychocivilized person but an entire psychocivilized society - a world where every human thought, emotion, sensation and desire could be actually controlled

by electrical stimulation of the brain. If the CIA tried to use the electrical brain stimulation to produce the new generation of the lie detector they would have

to implant the electrodes in the points in the brain where the thoughts origin in both the investigator and the interrogated and connect them. In the same way if they wished to control somebody's behavior he would have to "obey" his "boss's" thoughts. Of course this would be a very clumsy way to do it. But the methods of brain stimulation and registration of brain activity were progressing fast. Gordon Thomas describes in his book on the CIA mind control research (3) a "Schwitzgebel machine" which allegedly the CIA produced in 1972. "Using the

latest computer technology (dr. Aldrich) developed Rubenstein's earlier work on

radio telemetry and the unfulfilled dream... of a world of electrically monitored people became that much more of a reality..." The Schwitzgebel machine consisted of a Behavior Transmitter-Reinforcer fitted to a body belt that "received from and transmitted signals to a radio module". The Schwitzgebel machine was able "to record all physical and neurological signs in a subject from up to a quarter of a mile" (7).

That sounds incredible, but may be it will help if we start with an explanation

how the mind stimulators, which are available on the market, work.

MIND STIMULATORS CAN CHANGE THE STATE OF OUR MIND

At present time there is more than 40 types of mind stimulating machines on the market. Historically the first method to influence the performance of human mind was called biofeedback. A man could see on the screen the course of his electroencephalographic recordings and tried to make prevail certain waves. On the electroencephalograph the brain waves are divided into alpha, beta, theta and delta waves. The beta waves oscillate 14 - 40 times per second. This means their frequency is 14 - 40 Herz. They prevail in the brain activity when a man is concentrated on some task. The alpha waves frequency is 8 -13 Hz and they prevail with the eyes closed when a man is inactive. Theta waves oscillate at a frequency of 4 to 8 times per second and they dominate on electroencephalograph only shortly before a man falls asleep. But during the childhood the brain activity is dominated by those waves. The delta waves frequency is from 0 to 4 Hz and prevail while a man is asleep. When a man, trying to master his brain waves, succeeds in transfer to theta rhythm while being awake, often it happens to him that he is invaded by vivid memories from his childhood, which refers to the stage of life when theta waves are dominant in the brain activity. If he succeeds in getting into the alpha rhythm he can remember much better what he is learning. The dominance of alpha waves recedes between 16 and 18 years of age. Already in the 30s it was found out that the brain waves synchronize their activity to the pulsed light. If a stroboscope, blinking at the frequency of 10 times per second, is aimed at the human eyes the EEG recordings will show the same prevalent frequency in the brain activity. This is also documented by the recent mass occurrence of epileptic seizures in Japan to the people watching on TV an animated cartoon where suddenly certain frequency of light signals appeared. In scientific

language this kind of stimulation is called photic driving and it is well known that an epileptic seizure can be produced by certain frequency of orange light. By pulsed light signals it is also feasible to tune the brain into alpha waves in order to remember well what is one learning or into theta waves in order to get into a state of deep relaxation.

The same effect on the human brain can produce rhythmic sound. It is well known

how the aborigines get into trance while dancing to drums. The modern science

found other ways how to influence human brain by sound frequencies. For example if you deliver to one ear a sound in the frequency of 200 Hz and into the other one the sound in the frequency of 210 Hz, the electric frequency of 10 Hz will dominate in the brain, since large portions of neurons in the brain will synchronize the frequency of their activity to this external impulse. This phenomenon is called entrainment. In other words by means of external stimulation it is possible to change our brain activity and our frame of mind. How does this change happen? All the brain activity is a system of electric and chemical reactions. The neuroscientist Norman Shealy measured the chemical changes in the brain at the frequency of 7,8 Hz which is the frequency at which the ionosphere oscillates. Norman Shealy found out that if the brain is tuned (by light or sound stimulation) to this frequency the production of growth hormones increases by 25 % as well as the production of gonadoliberin (which influences sexual organs and hormones) and oxytocin (which produces the feelings of love). The production of betaendorphin (which causes feeling of euphoria) increased substantially as well. This goes to prove that different brain frequencies cause the production of different chemicals in the brain and body which influence our mood and motivation.

Apart from light and sound stimulators cranial electric brain stimulators are on the market. They act directly upon the electric frequencies in the brain. Michael Hutchinson, in the book *Megabrain Power* (8), predicts that soon there will be on the market the systems with biofeedback which will make possible to watch one's dominant brain frequencies on the screen. Those systems will store in their memories thousands of programs enabling the user to get in whatever state of mind and pass all kinds of experiences in the same way as when you are switching the channels on TV. Michael Hutchinson writes that the technology for such systems is already in existence. It is quite a serious question whether he is not talking here about the military technology.

In 1986 the United States Attorney General held a conference on the Less than Lethal Weapons. In the report on this conference among others is stated: "Participants also discussed the use of various wave lengths and forms of administration of electromagnetic energy as a non-lethal weapon. A substantial amount of preliminary research has been conducted in this area... One conference participant noted that scientific knowledge of human physiology is progressing to the point where it may soon be possible to target specific physiologic systems with specific frequencies of electromagnetic radiation to

produce much more subtle and fine-tuned effects than those produced by photic driving (9).”

SCIENTIFIC EXPERIMENTS AND PATENTS - EFFECTS OF ELECTROMAGNETIC RADIATION ON ANIMAL AND HUMAN ORGANISMS AND BRAINS

In 1831 English scientist M. Faraday discovered that flowing electricity induces magnetism and magnetism in motion induces the flow of electric current. The condition for the transformation of electromagnetic energy into electrical energy is that the "receiver" is tuned to the same frequency in which the electromagnetic energy is emitted. So radio waves which belong among electromagnetic waves can also produce the flow of electric current in the brain if they are tuned to the frequencies in which the nerve impulses are transferred. There are two objections opposed to this theory. First the extra low frequencies which are produced by the activity of human brain are way too long to make it feasible to target such a small object like the human being is - a 10 Hz wave is about 20.000 miles long. This problem circumvented the scientists by the use of microwaves pulsed at extra low frequencies. But there the second objection comes in question - such signals have microwave properties and can not penetrate the human tissue. For the answer to that question the scientists are searching until present time, but in the meanwhile they experiment with the frequencies of microwaves at which the electromagnetic radiation affects organisms and brains.

The evidence for the effects of electromagnetic signals on isolated neurons published in 1975 H. Wachtel in the Annals of New York Academy of Sciences (10). The whole volume of this issue (over 500 pages) is dedicated to the Conference on "Biological Effects on Non-ionizing Radiation". The introductory lecture was delivered by captain Paul Tyler, director of the U.S. Navy Electromagnetic Radiation Project between 1970 and 1977. Among the reasons for his presence at the conference was an effort to persuade the scientists to hire psychologists on the research teams. In the experiment of H. Wachtel the microwaves in the frequencies of 1,5 and 2,45 Ghz, pulsed and not pulsed induced the activity of isolated neurons. In 1966 Juri Chlodov and R. A. Chizenkova noted a desynchronization in the dominant rhythm of electroencephalogram with rats and rabbits whenever a magnetic field of 200 - 1000 gauss was turned on or off (11).

The specialized effect of electromagnetic radiation on individual brain system was proved by experiments repeated by many scientists. The irradiation of dogs,

cats, rabbits, rats and frogs by electromagnetic fields of 2 - 5 milliwatts per square centimeter density produced desynchronization in basal rhythm in the brain (12). The interaction of electromagnetic radiation and chemicals in the brain is documented by the experiment of McAfee (1961, 1962 and 1970) when irradiation of rats heads by 20 and 40 mW/cm² microwaves pulsed at 300, 600 and 1000 Hz during 5 minutes woke the rats up from narcosis (13).

At a conference on "Emerging Electromagnetic Medicine" in 1989 Cpt. Tyler in his lecture quoted the research of Dr. Merrit who measured the decrease of norepinephrine, serotonin and dopamin when a field of 80 mW/cm² was applied. All those hormones act as neurotransmitters into the cortex. Dopamin influences the ability to learn and other cognitive abilities (14). In another experiment a 500Hz signal produced release of noradrenaline in sympathetical neurons. Since those neurons control the muscles of internal organs and noradrenaline acts there as a neurotransmitter, this signal should be able to influence the activity of internal organs (15).

The publication of the World Health Organization on the effects of electromagnetic radiation on living organisms from 1981 gives many examples of the effects of this radiation on the excretion of glands, chemical composition of blood, eyes (for example corneal cataract), molecules of DNA and genetics, the development of organisms and behavior of animals (16). Robert Becker, in the book *Cross Currents* (17) refers to the work of A. Liboff who proved that it is possible, by means of electromagnetic radiation, to stop the process of the division of the cell in the moment when the cell is dividing.

One of the military uses of those discoveries is perhaps derived from the experiment of B. Servantie, who in 1974 found out that rats exposed during 10 - 15 days to microwaves pulsed at 500 Hz were significantly less susceptible to paralyzing curare like drugs than normal rats (18). In the Final Report on Biotechnology Research Requirements for Aeronautical Systems Through the Year 2000 it is stated: "Using relatively low-level RFR (radiofrequency radiation), it may be possible to sensitize large military groups to extremely dispersed amounts of biological or chemical agents to which the unirradiated population would be immune" (19). In other words, if the enemy troops breathe in or drink in water those agents, it is possible to produce effects in their organisms which will not be produced in the organisms of our own troops or civil population. Similarly dangerous is the finding of Allan Frey that RFR can weaken the blood-brain barrier which prevents poisonous chemicals from the access into the brain (20).

Jose Delgado also abandoned research of electrical stimulation in favor of electromagnetic stimulation. In 1985 Kathleen McAuliffe visited him in his laboratory in Spain and then wrote an article for the magazine OMNI. Jose Delgado showed her how he can make an ape fall asleep or make her overactive or how he can calm down the fighting fish by radiofrequency radiation. Important is also his experiment where the irradiation of chicken embryos by 10, 100 and 1000 Hz stopped their development including the development of hearts and veins. The experiment was replicated by the American Navy with the same results (21).

The Office of Naval Research has been collecting scientific reports on the biological effects of RFR since 1974. At present time their collection is growing by over 1000 papers each year (22). The great majority of published experiments was performed on animals. The experiments with people (as we will see later) are most probably reserved to secret military projects. In the already mentioned report of the World Health Organization (16) it is stated that

the first studies on the effects of radio frequencies on human beings were performed in Poland, Czechoslovakia and USSR in the fifties. The research was carried out in clinics and industrial environment and the authors of publications (Bartanski, Czerski, Marha and Presman) concluded that microwaves can cause headaches, fatigue, weakness of the body, dizziness, changes of the mood, confusion and sleeplessness.

In the already quoted article in the magazine OMNI (21) Capt. Tyler says: "Probably many things that can be done chemically could also be done electrically. With the right electromagnetic field, for example, you might be able to produce the same effects as psychoactive drugs". Apparently he refers to the work of English Dr. Patterson who he talked about in his lecture at the conference on Emerging Electromagnetic Medicine. Dr. Patterson is using the cranial electrical brain stimulator which is fully programmed and automated for

different groups of drugs, their combinations and long-term abstinence syndromes such as depression and sleeplessness.

In the already mentioned experiment by McAfee (13) the microwaves pulsed at 300, 600 and 1000 Hz produced uneasiness to breath (leading even to suffocation) in rats. Capt. Tyler in his contribution to the book "Low Intensity Conflict and Modern Technology" writes: "It has also been shown that normal breathing takes place at certain frequencies and amplitudes and not at others. Animals forced to breath at certain unnatural frequencies develop severe respiratory distress." In the context of his paper those are rather the effects on people that are in question.

In 1968, the Russian academician A.S. Presman published a book "Electromagnetic Fields and Life" (23) where he presented theory that electromagnetic signals have for the living matter the meaning of information, e.g. that they exert control over its intrinsic processes. In his book he mentions the experiment of S. Turlygin from the year 1937 where centimeter waves induced in people feelings of sleepiness and feebleness. A. S. Presman also gives in his book the history of the progress of knowledge on the effects of electromagnetic fields on the cerebral visual system (24). Already in 1893 a Frenchman D'Arsonval noticed that the electromagnetic field can produce in people a perception of a flash of light. In the following years many other scientists have made the same observation. In 1960 T. Jaski produced by electromagnetic signals at the frequencies 380 - 500 MHz simple visual hallucinations. The list of literary sources at the end of the book of A.S: Presman is already 28 pages long.

The founder of cybernetics Norbert Wiener lately also concentrated on brain research. He exposed volunteers who did not know the principle of experiment to electric fields at 10 Hz frequency. When the field was turned on they complained of the feelings of uneasiness and anxiety (17).

One of the highly respected experts working in this field, Ross Adey, who admits that he is working in military research, published in 1974 the results of

experiments with microwaves at frequency 147 MHz pulsed at 6 - 10 Hz and 50 MHz pulsed at 16 Hz. Those signals increased the efflux of calcium ions from nerve cells (25).

Robert Becker, who has been twice nominated for the Nobel prize for the work in this field of science, writes in the book "Body Electric" (26) that Ross Adey have publicly expressed his expectation that this efflux of calcium ions would interfere with concentration on complex tasks, disrupt sleep patterns, and change brain function in other ways that can not be predicted yet." (The calcium

ions play a key role in the transmission of nerve impulses).

In 1962 published Allan H. Frey in the "Journal of Applied Physiology" (27) the results of experiments with transmission of sounds into the brain by electromagnetic radiation at a distance of up to 1000 feet. The "electromagnetic" sounds were heard by deaf as well as sound people. The radiofrequency sound was "described as being buzz, clicking, hiss or knocking, depending on several transmitter parameters, i.e. pulse width and pulse repetition rate" (frequency) . In his report A. Frey writes that so far only the visual system has been shown to respond to electromagnetic energy and he notices that "With somewhat different transmission parameters we can induce the perception of severe buffeting of the head.." and "Changing ... parameters again, one can induce a "pins-and-needles" sensation." His experiment was replicated several times by other scientists (28). W. A. Guy and others combined the experiment with an experiment with cats (29). They were anaesthetized, paralyzed and placed on artificial ventilation. With their nervous system "immobilized" in this way the recording were made by means of electrodes of the reactions in their medial geniculate nucleus on the "radiofrequency" and normal sounds. The reactions were identical and ceased to appear when the cochlea was disabled. So it appears that radiofrequency signals produced their effects in the cochlea and from there spread into other parts of the brain just like normal auditory sensations.

Another, more advanced, experiment with the transmission of radiofrequency sounds into the brain was published only inadvertently. Don R. Justesen used, in

the article on "Microwaves and Behavior" (30), the result of an experiment described to him over the telephone conversation by his colleague J. C. Sharp, who worked on a military project. Joseph C. Sharp was employed on the project Pandora of the American Navy, officially designed to research of the radiofrequency radiation emitted on the American Embassy in Moscow from the 60s until the beginning of 80s. At the Walter Reed Army Institute he improved the method of A. Frey to the point that he transmitted into his brain words which he could understand.

The scientific personality, which was apparently on the cutting edge at this time, was Patrick Flanagan. An independent researcher who in 1958, in 14

years of his age, presented to the United States Patent Office a neurophone, the invention which made it possible for deaf people to hear (31). The device converts sound into electrical impulses that propagate along the skin into the brain. For the employees of the patent office the invention was incredible and Patrick Flanagan managed to persuade them that the invention could work only after 6 years when he demonstrated it making a deaf employee of the Office hear the first time after 15 years. But even then the invention did not get to the deaf people. Patrick Flanagan improved the invention technically and submitted it under a new patent number 3,647,970. Though his device emitted radiofrequency waves into the brain through the skin, he added to the accompanying text the sentences: "The simplified speech waveform can be transmitted directly through the earth or water and be understood either directly from the medium or after simple amplification. The simplified waveform can easily be encoded by scrambling to provide secure voice communications." Patrick Flanagan believes that it was due to those lines that the United States Defense Intelligence Agency placed his invention under a secrecy order as a matter of national security. Patrick Flanagan was forbidden from conducting further research or even talking about his technology for another four years. In the 1990s the American company Earthpulse Press who was selling neurophones had set up its business representation in Germany. In 1996, all the same, evidently out of the fear that the secret military technology could get understood by the general public, the neurophone was put under a secrecy order by the U.S. Defense Intelligence agency (the news was published in Earthpulse Flashpoints No1, Earthpulse, Alaska, USA, 1996. At present time the neurophone is again on the market in the USA and several other countries of the world. In the accompanying text to his patent P. Flanagan also writes: "The present invention involves discovery that certain electromagnetic waves induce responses in the nervous system of mammals... Each individual nervous system is at least somewhat selective in respect to the frequencies to which it is most responsive.

There are other four patents registered with the U.S. Patent Office using the microwave hearing phenomenon. The patent #4877027 with the title Hearing system by Wayne B. Brunkan, issued on October 31, 1989. In the abstract we read: "Sound is induced in the head of a person by radiating the head with microwaves in the range of 100 MHz to 10.000 MHz that are modulated with particular waveform" <http://164.195.100.11/netahtml/srchnum.htm> (choose the search by patent number and search for the number 4877027) This patent was bought by the IBM <http://www.delphion.com/cgi-bin/patsearch> (and search for the number 4877027). In the abstract of the patent # 4858612 by Philip L. Stocklin, issued on August 22, 1989 entitled "Hearing device" we read: "A method and apparatus for simulation of hearing in mammals by introduction of a plurality of microwaves into the region of the auditory cortex" <http://164.195.11/netahtml/srchnum.htm> (and search for patent number 4858612). The patent # 3766331 by Zink, issued on October 10, 1973 is entitled - "Hearing aid for producing sensations in the brain" and patent # 3629521 by Andrija Puharich, December 1971 is entitled "Hearing systems".

Other renowned experts in this field are Elisabeth Rauscher and ing. William Van Bise. (Elisabeth Rauscher served as a consultant with SRI International,

NASA and the Navy (32).) Their patent number 4,889,526 was granted in 1989 and it presents the invention of wireless heart stimulator and pain reliever (33). In the text we read: "the beginning of the normal cardiac cycle and response to pain cycle originates in the mid brain and the hypothalamus with the excitation of the Purkinje cells and is oscillatorily propagated to the heart or source of pain respectively.... the present invention relates to non invasive devices which emit magnetic pulses that can penetrate through and interact with biological materials and potentially all systems of the body in what is known as the ELF/VLF frequency range. These devices operate... without direct contact with the material affected... these waves at other frequencies, wave forms and intensities can increase dispersion and hence introduce disruption and biological damage in the system." The pain reliever functions at the mixed frequencies 7,6 and 76 Hz. Robert Becker, in his book "Body Electric" writes about an experiment by J. F. Schapitz in 1974. It was released voluntarily on basis of Freedom of Information

Act and for that matter R. Becker takes it "with a pillar of salt". J. F. Schapitz stated: "In this investigation it will be shown that the spoken word of hypnotist may also be conveyed by modulated electromagnetic energy directly into the subconscious parts of the human brain - i. e. without employing any technical devices for receiving or transcoding the messages and without the person exposed to such influence having a chance to control the information input consciously." In one of the four experiments subjects should have been given a test of hundred questions, ranging from easy to technical ones. Later, not knowing they were being irradiated they would be subjected to information beams suggesting the answers to the questions they had left blank, amnesia for some of their correct answers and memory falsification of their correct answers. After 2 weeks they had to pass the test again. The results of those experiments were never published. Later on we will discuss the possibilities how this could be done.

AMERICAN MILITARY DOCUMENTS ON THE DEVELOPMENT OF RADIOFREQUENCY WEAPONS - THE NERVOUS SYSTEM CAN BE COMPARED TO A RADIO RECEIVER

In the 1986 the American Air Force issued a book "Low Intensity Conflict and Modern Technology" (19). In the foreword Newt Gingrich, member of the U.S. House of Representatives writes: "The United States is on the verge of a dramatic change in its ability to cope with low-intensity conflict... This book is a

serious effort to make thinking about and working on low-intensity conflict easier, more understandable and more effective." The chapter on the "Electromagnetic Spectrum in Low Intensity Conflict" wrote Capt. Paul Tyler. At the beginning he quotes "Final Report on Biotechnology Research Requirements for Aeronautical Systems Through the Year 2000" issued by American Air Force in 1982: "Currently available data allow the projection that specially generated radiofrequency radiation (RFR) fields may pose a powerful and revolutionary antipersonnel military threats... the increasing understanding of the brain as an electrically mediated organ suggested the

serious probability that impressed electromagnetic fields can be disruptive to purposeful behavior and may be capable of directing and or interrogating such behavior. Further, the passage of approximately 100 miliamperes through the myocardium can lead to cardiac standstill and death... A rapidly scanning RFR system could provide an effective stun or kill capability over a large area. System effectiveness will be a

function of wave form, field intensity, pulse width, repetition frequency, and carrier frequency.”

The last line defines the technical principle of the control of cerebral functions. Though it is too short to provide the understanding of how such a technology may work. It is generally known that the information inside of the brain is ”translated” and transferred by a number and frequency of nerve impulses, while the intensity of the feeling or perception usually corresponds to the intensity of electrical current. Another phenomenon generally accepted in the modern scientific literature is a synchronization of frequencies of emitted nerve impulses in different parts of the brain in reaction to the stimuli which catch the attention of the brain (34). Per E. Roland from the Laboratory for Brain Research and Positron Emission Tomography at the Karolinska Institute in Stockholm, Sweden, engaged in the research of brain activation in reaction to different stimuli. He studied the influx of blood, bringing the nutrition to the activated areas of the brain. In this way he was finding the different areas or columns of neurons which got activated in reaction to different stimuli. He writes that looking at the distribution of those activated areas in the brain, he can tell what is the subject a person is thinking about. Then he asks a question whether those so called ”metabolical columns” have common electrophysiological properties, e.g. whether their electrical activity is identical. The reply to this question he finds in the work of German scientists Schopman and Stryker from 1981 who ”showed that in the visual cortex of the cat, the metabolic columns corresponded with electrophysiologically defined columns in which the neurons had orientation specificity for the stimulus used.” This means that different stimuli produce in the brain different electrical events. In the opposite direction Whitsel and Juliano (1989) found that ”metabolic columns only occurred at cortical locations where the neurons possessed electrophysiologically defined functional properties related to the stimulus.” Skarda and Freeman (1987) and Singer (1990) ”advanced the concept that neurons in different active columns synchronize their electrical oscillatory activity in response to optimal inputs” (35). Or, in other words, the neurons in those areas synchronize their firing in the same frequency. Wolf Singer (36) describes an experiment where two different stimuli produced at the same time are observed in the brain. They were ”represented by two independently oscillating assemblies of cells”. According to Wolf Singer the differences in brain activity in reaction to different stimuli are represented by different groups of neurons oscillating in different frequencies. Walter J. Freeman, who has already for years measured the brain activity in reaction to different stimuli by many microelectrodes at the same time, presented already in 1975 a hypothesis ”that a novel external stimulus is broadly transmitted from the primary sensory cortex or thalamus to other parts of the cortex...

transmission occurs at some characteristic frequency, and... reception occurs in... sets tuned to that frequency" (37). (Electroencephalographers have no

doubt that those are those synchronizations which appear on the EEG recordings and are already capable to recognize on EEG recordings the single words perceived by the subject - see Continuous Wave-Form Analysis, journal: Electroencephalography and Clinical Neurophysiology, supplement no. 45, 1996, page 64).

And what happens when an external electromagnetic frequency is applied to the brain? H. Frolich from the Department of Physics at the University of Liverpool, England, writes: oscillations produced by coherent excitation of a single polar mode "yield long range, frequency selective, interactions between systems with equal excitation frequencies" (38). In other words it is basically the frequency of nerve impulses e.g. frequency of electrical currents e.g. - from military point of view - frequency of electromagnetic waves that defines the activity of the brain, and we can always bypass the physical perception by electromagnetic signals which will produce, in the brain, the same electrophysiological events as would be produced by the perception or other events in the organism. It means the events in the brain can be produced "synthetically" from the outside. Those findings are supported as well by the experiments of Allan Frey and W. Guy where electromagnetic "acoustic" signals, when tuned to the electrophysiological properties of cochlea or to its natural frequencies and pulse widths, produced in the brain the same events as a normal sound. The same, though electrical, procedure are using cochlear implants which are, at present time, implanted to deaf people. When the parameters of the transmitter (i.e. frequency, pulse width etc.) were changed, it was another brain area which resonated with the electromagnetic signals and so the feeling of severe buffeting on the head or pins and needles sensation was induced. The changed transmitter parameters resonated with another receiver in the brain, which caused there different type of frequency synchronizations. The same effect reflects also the note of Capt. Tyler that "normal breathing takes place at certain frequencies and amplitudes but not at others." The radiofrequency radiation, when tuned to its frequencies and amplitudes, hits the part of the brain which controls the breathing and imposes another rhythm of breathing or even stops it (remember that Jose Delgado could produce the same effect by means of electric stimulation of the brain). So the Patrick Flanagan's neurophone works in pretty much the same way as a radio transmitter whose broadcasting is adjusted to the "receiver" picking up the signal which, in this case, appears to be cochlea. If we want to broadcast for another "receiver" in the nervous system, we only need to know its parameters to be able to broadcast the information or frequency to which the receiver is tuned up. Just like when tuning our radio receiver we choose the frequency at which its internal circuits will resonate and the result is that we listen to the radio station which we have chosen. John Marks, in his book on CIA mind control research quotes one of CIA research veterans recalling a colleague's joke: "If you could find the natural radio frequency of a person's sphincter, you could make him run out of the room real fast. (43)"

Different frequencies used in his experiments with animals also Jose Delgado. But this time the only case when the results of his work were presented to public was the article by Kathleen McAuliffe in OMNI magazine. Robert Becker, since she is friend of his, instructed her before her trip to Spain, what questions she should ask Jose Delgado (17). One of those questions was whether, aside of frequencies, other parameters of the transmitter can make difference. Probably being bound by national security information law, Jose Delgado did not answer most of the questions prepared by R. Becker. Anyway the waveforms, intensity of the electric current, the pulse width and carrier frequency are being quoted in the scientific papers on experiments.

Captain Tyler, in the continuation of his paper on Electromagnetic Spectrum in Low Intensity Conflict also quotes a scientific work (39) presenting the evidence (though not very important) that the biological effects of millimeter waves depend on the applied frequency and comes forward with the conclusion: "Because of many parameters involved and the apparent specificity of each parameter one can tailor a specific response. The ability to have this kind of flexibility provides an enormous range of options to the user. It opens the door for providing an appropriate response in warfare, be it conventional or unconventional." Of course he does not support this statement by the results of secret military experiments. Frequently he took part in scientific conferences, but he talked there only about the work of other scientists which is unusual. Normally every scientist talks about his own research., but again it is not difficult to understand that he can not publish the secret military research. If you object that the range of frequencies in which the human nervous system works is too narrow to provide for so wide choice of reactions, Capt. Tyler writes: "There are unconfirmed reports that change of 0.01 Hz can make a difference." The word "unconfirmed" he uses rather inappropriately since many experiments and patents are defining the used frequencies in hundredths of Hertz. In addition in the neocortex (the latest layer of the human brain) apparently prevail frequencies from 35 to 75 Hz (34, 35) (those frequencies do not appear on EEG so they were until recently unknown).

Jose Delgado also told to Kathleen McAuliffe that electromagnetic radiation, causing reactions in the brain, produces there electric currents hundreds of times weaker than necessary to induce the nerve impulse. Capt. Tyler answers this question as well, using his knowledge of modern scientific literature, he writes: "intrinsic electromagnetic fields play a key role in a wide range of biological functions, including... information transfer and storage, particularly in the central nervous system." Those lines mean a revolution in the understanding of the nervous system functioning: "Some recent theoretical research has looked at the classical neuronal synapse and proposed that... it must be a quantum mechanical event." This aims to support the results of experiments with entrainment of brain activity by external electromagnetic radiation. The scientific research based on those experiments is theorizing that the nerve impulse is evoked not only by electrical impulses advancing along nerve fibers, but also by the effect of electromagnetic waves coming from surrounding neurons and perineuronal cells. Ross Adey supports this theory by measurements of electromagnetic oscillations in pericellular fluid and glia cells

by means of microelectrodes (40). Of course, if it is true that electromagnetic oscillations play a role in the transfer of information inside of the brain, we can understand why the external electromagnetic radiation can control the activity of the brain. (Note: still in 1983 at the conference on the Nonlinear Electrodynamics in Biological System (41) the scientists only theorized on how this radiation propagates inside of the tissue and how does it get there. Ross Adey himself, in the introduction to the book covering this conference admits that: "Experimental knowledge in this area has grown rapidly in the past decade, and in some respects has outstripped theoretical models adequate to explain these new observations." - To complete the information - in the brain functioning the nonlinear wave mechanics are at work and for the computations the mathematics of chaos are applied. Also the brain does not react to the radiation that does not carry the biological information (43)).

From the paper of captain Tyler we did not learn anything about the projects of the American Navy he was working for. Robert Becker, in his book Cross Currents presents the report coming from the Microwave Research Department at the Walter Reed Army Institute, where J.C. Sharp carried out his experiment with the transmission of words into the brain by radiofrequency radiation. The report deals with the effects of pulsed microwaves on nervous system and describes the division of testing program into four parts: 1) prompt debilitating effects, 2) prompt stimulation auditory effects (remember J.C. Sharp one more time) 3) work interference (stoppage effects) 4) effects on stimulus controlled behavior. The report presents this conclusion: "Microwave pulses appear to couple to the central nervous system and produce stimulation similar to electrical stimulation unrelated to heat" (42). The idea that with the electromagnetic stimulation of the brain the same effects can be produced as with electric stimulation, as Jose Delgado described it, is dismaying, but apparently true.

American Air Force, according to the Final Report on Biotechnology Research Requirements for Aeronautical Systems Through the Year 2000, divided the research of radiofrequency weapons into three areas:

- 1) Pulsed RFR Effects" - projected research since 1980 until 1995
- 2) "Mechanisms of RFR with Living Systems" referred to as "continuation of ongoing research" beginning in 1980 and forecast to conclude around 1997
- 3) "RFR forced disruptive phenomena" - starting around 1986 with the projected

continuation until 2010. In the second volume of this report it is stated that the work on the project is progressing according to the schedule or in advance. The last area of research is in the second volume redefined: "While initial attention should be toward degradation of human performance through thermal loading and electromagnetic field effects, subsequent work should address the possibilities of directing and interrogating mental functioning, using externally applied fields..." (44). This formulation is probably not clear on purpose, but the message looks clear - the intent of the project should be to collect

electromagnetic waves emanating from the brain and to transmit them into another brain that would read a person's thoughts or to use the same procedure in order to impose somebody else's thoughts on another person's brain and in this way direct his actions. If it is true what Wolf Singer tells about brain events always differing by frequencies of synchronizations among different brain cells then it is not impossible to find the thoughts frequencies. From the layman's point of view the most difficult task is to pick up the brain waves. On Internet pages of IBM Intellectual Property Network you can find a patent number 03951134 (<http://www.delphion.com/cgi-bin/patsearch> and search for the patent

number 03951134). The device, described in the patent, is capable to pick up at distance the brain waves of a person, process them by a computer and emit correcting waves which will change the original brain waves.

The military documents quoted here are accessible to the public though they are not published in the newspapers. Our guess is that they are there in order to get the public ready to accept the use of the technology that is already at hand and sometimes in use. If you will just only read this text, without following up with an action, you will support this course of events.

THE SECRET ARMS RACE AND THE HUSHED UP SCANDAL IN THE USSR

Robert Becker, in the book "Body Electric" was probably the first American to publish the presence of the Soviet, so called psychoactive, signal in the USA. According to him the signal appeared on the bicentennial celebration of July 4, 1976. Robert Becker writes that the signal varies up and down through the frequencies between 3.26 and 17.54 MHz and is pulse-modulated at a rate of several times a second. Its source was located at a giant transmitter near Kiev in the USSR. As to the effects of the radiation, Robert Becker is not quite sure, but he writes: "The available evidence... suggests that the Russian woodpecker is a multipurpose radiation that combines a submarine link with an experimental attack on the American people" (20). Officially the Soviet radiation was never decoded as well as the radiation broadcasted at the American Embassy in Moscow, though for the analysis of this radiation the project Pandora was launched by the American Navy. Robert Becker mentions also the possible American retaliation. He writes about an American reporter, Stefan Rednip, who

claimed, in 1978, that he gained access to purloined CIA documents "proving the existence of a program called Operation Pique, which included bouncing radio signals off the ionosphere to affect the mental functions of people in selected areas, including Eastern European nuclear installations."

John Marks, in the book "CIA and Mind Control - the Search for Manchurian Candidate" quotes one of the CIA researchers from the era of MKULTRA project: "The rest of the world didn't ask until 1976 the type of questions we we're facing in 1965... Everybody was afraid of building the supersoldier who

would take orders without questioning like the kamikaze pilot. Creating a subservient society was not out of sight. (45)”

It is difficult to assess which of the superpowers was behind in this area in 1976 and which one is behind today. Certainly since the appearance of the Soviet

signal in the USA several articles appeared in the U.S. press publicizing the Soviet national security information pertaining to the development of the equipment influencing human body and psyche since the Soviet signal appeared in the USA in 1976. According to the information I did not manage to verify already in November 1976 the Los Angeles Herald-Examiner published an article entitled ”Mind-Altering Microwaves, Soviets Studying Invisible Ray”. The author of the article writes: ”A newly declassified U.S. Defense Intelligence Agency report says - extensive Soviet research into microwaves might lead to methods of causing disoriented human behavior, nerve disorders or even heart attacks...”

Another article on this subject wrote John B. Alexander, who later became the director of Los Alamos National Laboratory, in 1980 for the monthly Military

Review. He writes: ”... there are weapon systems that operate on the power of the mind and whose lethal capacity has already been demonstrated... the ability to heal or cause disease can be transmitted over distance thus inducing illness or death for no apparent cause... The application of large-scale ELF (extra low frequency) behavior modification could have horrendous impact... mind-to-mind

thought induction techniques are also being considered...” As a source of information John B. Alexander indicates two Defense Intelligence Agency reports released through the Freedom of Information Act (or in other words declassified). On the American research he writes: ”The U.S. government is reported to have funded some research projects, but these have not been published” (46).

In about 1985 the American CNN TV station broadcasted in the ”Special Assignment” series a program on Russian electromagnetic weapons (47). The first part concentrated on directed energy weapons. There was talk about weapons capable to cook people alive (recall microwave oven) and knock out computers and electronic surveillance and communications gear. In this way the airplanes and guided missiles could be placed out of use. The directed energy weapons could also produce the explosions in the extent of nuclear explosions which would not cause radioactivity. The American military experts asserted that the Soviets are ahead of the USA in this research.

The second part of the broadcasting was dedicated to Soviet research of radiofrequency mind control weapons. Though from the beginning, the subject was the Soviet research, the American scientists conveyed rather their own research experiences. Jose Delgado said: ”Any function of the brain - emotions, intellect, personality - could we perhaps modify by this non-invasive

technology” and ”the beauty is that now we are not using electrodes.” Instead of the expert from the American Navy who wished not to reveal his identity spoke an actor. He repeated in short what captain Tyler told to Kathleen McAuliffe about the substitution of psychoactive drugs by radiofrequency radiation and what captain Tyler wrote in the book *Low Intensity Conflict and Modern Technology*: ”Apparently there are specific sites involved, specific functions involved. It’s a matter of matching up just like it is with a pill or a drug, to cause an effect you could have a cause and effect relationship between a magnetic field and a biological function”. Next eng. William Van Bise and Elisabeth Rauscher demonstrated on the moderator the induction of visual hallucinations by ”RF (radiofrequency) mind interference machine”. The blindfolded moderator can see parabola and than a spike. Eng. Van Bise and E. Rauscher assert that they constructed the machine using the data found in Soviet scientific literature, but Robert Becker, in his book ”*Cross Currents*” (17) writes about this machine being invention of eng. Van Bise and E. Rauscher themselves. It is difficult to believe that such instructions could be found in the Soviet scientific literature, as well.

Next, in the CNN program perhaps the first time in the American mass media, the presence of the Soviet ”psychoactive ” signal in the USA was disclosed. Robert Becker, in contrast with what he wrote in his book, said that ”The signal range within which the Woodpecker operates is that which has been reported by many investigators to produce a tranquilizing effect on animals”. ”Captain Tyler” commented on it that ”It’s possible to entrain a certain percentage of a population, apparently, with weak magnetic fields.”

In the conclusion ”Paul Tyler” and dr. Fraser from the American Air Force assert that they worked on American projects of radiofrequency weapons, but that the Navy as well as the Air Force ”never followed up”. This is in contradiction with the project of the American Air Force quoted in the last chapter of this booklet.

In April 1993 the Russia declassified the electromagnetic weapon capable to destroy any object in the atmosphere ”no matter whether it is a missile... an airplane or any other artificial or real heavenly object of the type of meteorite” (48). It means that so far only the first part of the CNN broadcasting, on directed energy weapons, was declassified in Russia.

According to another report ”made available” by the U.S. Defense Intelligence Agency to the magazine *The Enquirer*: ”Russia is deeply involved in researching ways to use microwaves to induce disease, control minds and even kill...” The article states that ”Microwaves have been used to produce heart attacks in frogs” (but according to Robert Becker (20) the same experiments carried out Allan H. Frey), and in people ”headaches, fatigue, perspiring, dizziness, menstrual disorders, irritability, tension, drowsiness, sleeplessness, depression, forgetfulness, and lack of concentration ” (49) - recall Ross Adey. According to the report by the peace activist Kim Bealy, the women who at the end of 70s and beginning of 80s blocked the American base at Greenham Common in Great Britain suffered from severe headaches, drowsiness, menstrual bleeding at abnormal times,... temporary paralysis, faulty speech

coordination..., vertigo, retinal bleeding, burnt face (even at night), nausea, sleep disturbances, lack of concentration, irritability, disorientation, loss of memory and a sense of panic in non-panic situations (I underlined the concurrent symptoms - it is a matter of question whether the American Defense Intelligence Agency had ever gained access to the Soviet secret research documents.) From the same symptoms suffered the women's visitors in the course of their visits. Strong signals up to one hundred times the normal background level were detected by members of Electronics for Peace and by others... signals 10 times stronger than those felt to be emanating from normal base transmitting systems were found. In the Enquirer's article also another Pandora researcher, dr. Milton Zarret, admitted that the U.S. Navy experimented with human volunteers inducing "an early stage of heart disease".

At the end of 1990 the American daily Washington Post brought an article voicing the American armed forces and intelligence services alarm over the Russian progress in the development of extrasensorial capacities: "According to the communications of Russian defectors Russians have success in influencing human behavior, changing human feelings and health condition, incurring unconsciousness and even killing people... In one of the documents from the headquarters of the Intelligence Service at the American Department of Defense it is stated that the Soviet experiments impose on the recipient disquietude combined with shortwindedness (recall the remark by Capt. Tyler about the respiratory distress) , and the feeling of severe buffeting on the head (recall the experiment of Allan Frey)... Some western observers of extrasensorial developments are alarmed... by inauspicious effects of methods of subconscious influencing when used against the U.S. staff operating the nuclear missiles" (50).

This time, with the central power in the Soviet Union weakened under the Gorbachov's regime, the Russian daily Komsomolskaya Pravda opened an investigation into the facts justifying these hints. In an article of November 14, 1990 A. Ochtarin, the candidate of technical sciences, expressed the opinion that in principle it is feasible to construct the "enslaving machine" and that it is not out of question that it is under construction. But already in the article of January 25, 1991 (51) the director of the Institute of Neurology of the Soviet Academy of Sciences told the journalists that it is possible to change the mood of a man by means of electric signals, but not to break his self-control , thus denying the results of research of Jose Delgado. At the question whether it is possible to produce the same effect by influencing the electromagnetic field of the brain he replied that he does not know anything about it.

Anyway, during the failed putsch against Gorbachov, in August 1991, the general Kobets warned the defenders of the Russian White House against the possible use of psychotronic weapons (52). Shortly after the putsch, on August 27, Komsomolskaya Pravda published the statement by Victor Sedletski, the vice

president of the League of Independent Scientists of the USSR, where he wrote: "As an expert and juridical personality I declare: In Kiev (and this is

serious) the mass production ... of psychotronic biogenerators was launched. I can not assert that during the coup d'état exactly the Kiev generators were used... All the same the fact that they were used is evident to me. What are the psychotronic generators? It is an electronic equipment producing the effect of guided control in human organism. It affects especially the left and right hemisphere of the cortex. This is also the technology of the U.S. project Zombie 5. Similar work is done in the Soviet Union (especially in Kiev in the Institute for the Research of Materials. The laboratory of one of its sections is located in the living quarters of the city. There are located biogenerators produced by the Octava factory. I am drawing on my personal experience and I can tell that I am myself the author of the model of such a generator. I completed my work in August 1990... Why the system failed in the days of the putsch? The putschists, having no experience, did not know, that to get the desired reaction the brainwashed soldiers must not be allowed to mingle with the crowd in the streets" (53).

When the reporters from Komsomolskaya Pravda, after the publication of this statement, tried to reach Victor Sedletski, the director of the Institute for the Research of Materials, where V. Sedletski worked, V. Trefilov, told them that Victor Sedletski left Kiev and it is not known, when he returns. He also denied that his institute possesses a psychotronic generator. Paradoxically if Viktor Sedletski was put on trial for disclosing a National Security Information, it would have for effect the confirmation of his statement and the National Security Information would be broken.

Having failed with V. Trefilov the reporters visited in Kiev the Institute of Interdisciplinary Scientific-Engineering Center "Natural Resources". Its director, A. Krasyanienko told them that he knows in the USSR at least 10 teams capable to construct such a device. On September 27 appeared in Komsomolskaya Pravda another article where parts of the government project for the development

of those weapons were published: "remote medicobiological influence on troops and population by means of torsional radiation, remote psychophysical influence on troops and population by torsional radiation" (Komsomolskaya Pravda admits the electromagnetic radiation as a synonym to torsional radiation). The government project presented to the journalists E. Alexandrov, the member correspondent of the Soviet Academy of Sciences. For the realization of those projects the center Vent was established by the State Council for Science and Technology. The center was financed by the Ministry of Defense and according to its director A. Akimov the funding, coming also from Military-Industrial Commission at the Ministerial Cabinet of the USSR and KGB, amounted to half a billion of the Soviet rubles. Under the direction of the Center Vent was working 26 scientific institutions, but the leading institute was the Institute for the Research of Materials in Kiev where Victor Sedletski worked, and whose director had denied that they would be in possession of a psychotronic generator. The list of the institutes working on the project was a result of work of the reporter of the daily Nezavisimaya Gazeta O. Volkov. Those information's were confirmed also by the daily Troud in an article of April 4, 1992. This daily found the confirmation of the budget of half

a billion rubles in the directive of the Committee for the Science and Technology of the USSR, dated July 4, 1991. On November 11, 1992 another Russian daily, Pravda, printed an article on this subject where the director of the Center Vent, A. Akimov, told that "as a result of experimental work there is at the hands everything necessary to produce the factory samples" and that "torsional fields... are capable to relay information with no barriers to stop them" (55). Perhaps he was talking about the communication system "proposed" to the American military by Patrick Flanagan in the second version of his patent. As well it is possible that the term "information" had here a broader meaning as defended by A.S. Presman: "electromagnetic field exerts an influence on the informational interactions in the organism".

IGOR SMIRNOV'S DEVICE AND THE THOUGHT CONTROL

In the years 1993 and 1994 American weeklies Defense Electronics (56), Newsweek (57) and Village Voice (58) published the information that Igor Smirnov from Moscow Academy of Medicine demonstrated for the U.S. secret services and FBI experts a device which was capable to subliminally implant thoughts in peoples minds and in this way control their actions. According to those news the FBI considered the use of this device against David Koresh during the siege in Waco.

In reaction to this publication of the Russian National Security Information first the Russian newspaper Pravda (59) wrote on March 6, 1994: "Village Voice printed "scandalous news" that Russians are capable to control human behavior..." Two weeks later the Russian weekly the Moscow News (60) printed a long article on Igor Smirnov. The author writes that Igor Smirnov uses, for medical purposes, a device broadcasting into the human ears "noises" which contain questions. Those questions are not audible for the patient but perceptible to his brain and the brain answers those questions. The answers are registered by the electroencephalograph and analyzed by a computer. In this way Igor Smirnov performs a very fast psychoanalysis. Then, again using the "noises" played together with music, the healing messages are sent into the human brain, which the patient will obey. According to the author of the article Igor Smirnov added: "Do not forget, in your denigrating note, to precise our goals - to heal and to teach. And do not assign us others - inhuman ones."

A participant in the meetings with Igor Smirnov in the USA (wishing to remain in anonymity) is quoted in the article in the Defense Electronics as saying: "the intelligence agencies... had been tracking Smirnov for years..., we know there is evidence the Soviet Army's special Forces used the technology during the conflict in Afghanistan."

Anyway the article in Moscow News does not explain in which way Igor Smirnov creates the noises broadcasted into the brain. The French doctor, Alfred Tomatis, played into the ears of children, suffering from autism, hyperactivity etc. the voice of their mother and other sounds in the frequencies higher and lower than those that can be heard, and it was a successful treatment (8). In 1984 the American House of Representatives had forbidden the use of high frequency inaudible messages in the East Coast chain of supermarkets.

Mixed into the music they played to customers inaudible messages of the kind: "Do not steal. Make a lot of shopping." Within 9 months they saved in this way 600.000 dollars. Most probably this is the way Igor Smirnov creates his "noises". But there is still another possibility how to deliver them into the human brain - and this is electromagnetic transmission. It can not be a very complicated problem to transcode those high frequency messages into electromagnetic signals just the same way the radiofrequency sound can be transmitted into the human brain.

When the journalist from the Moscow News asked Igor Smirnov whether he could make people vote for certain person in the elections he replied: "In principle it can be done. And it is not difficult. But not interesting." He could have in mind either placing of ultrasound "noises" into the radio or TV broadcasting or, as well, electromagnetic implanting of those noises into brains by means of special radars. About his participation in Waco Igor Smirnov narrated: "I suggested that voices of children and families inviting the suicidal people back home could be mixed with the noise of police car engines (the building was surrounded with them)." FBI then did not proceed with his proposition when he guaranteed only 70% of a chance for success.

This account is in keeping with what the Defense Electronics wrote. Half a year later the Newsweek wrote: "Sources tell Newsweek that the FBI consulted Moscow experts on the possible use of a Soviet technique for beaming subliminal messages to Koresh. The technique uses inaudible transmissions that could have convinced Koresh he was hearing the voice of God inside his head" (57). Let us assume that "inaudibility" meant that no one else would hear the voice of God but Koresh and that even him would hear it only inside his head. When Allan Frey did his experiments with beaming sounds into people's brains they located them inside their heads or just behind it. So in Newsweek's account David Koresh would hear inside his head electromagnetic broadcasting of the "voice of God". A month later the deputy chief of the FBI's technical services division, Steve Killion, told the journalists from Village Voice: "In the normal course of your negotiation with the individual by telephone, you can impress a coded message... It is not realized consciously by the individual, but subconsciously, subliminally they understand it" (58). This time it could have been done again by means of "noises" played into telephone. Another half a year later, in August 1994, the Newsweek published an interview with Igor Smirnov. In the introduction they write that FBI asked advice from Smirnov during the siege at Waco and the solution proposed by Smirnov they describe as follows: FBI wanted to "pipe subliminal messages from sect member's families through the telephone lines into the compound. For David Koresh the group's leader... the FBI had in mind a special voice: God as played by the venerable actor Charlton Heston" (61). In this case the sect members would be influenced by "electromagnetic" (otherwise they would not be transmitted through the telephone lines) high frequency voices of their relatives, and David Koresh would hear in his head the radio broadcasting of the voice of God played by Charlton Heston. The FBI would have to find the individual frequencies of the sect members if the idea was to work out.

The electromagnetic broadcasting of inaudible speech could have been used in the experiment of J. F. Schapitz. He spoke about electromagnetic transmission. But since he wanted, as an introductory experiment, to record brain waves of a man who took drugs and then emit those waves back into the brain of this man instead of the drugs, it seems possible that he had in mind transmission of thoughts from one brain into another.

In October 1994 appeared, again in Moscow News (62), an article on American Non-lethal weapons where we can find the following lines: "The FBI, in 1994, studied the possibility of the use of nonlethal technology against David

Koresh. FBI then informed Russians about technology that enables them to transmit to Koresh subconscious signals. In this way the FBI wanted to assume the role of the voice of God." The author of the article gives as his source of information the American and French press. It is possible that at Waco two different technologies were considered: one American and the other Russian (according to the Judy Wall article in Nexus magazine - October/November 1998, "Military use of Mind Control Weapons", the BBC program on events in Waco contained video footage of three EM weapons) . But as well it is possible that those lines served as a warning for Americans that the Russians, too, may disclose the American National Security Information. I am not aware of another breach of this Russian national security information in the American mass media since then until April 5 1999 when The New York Times, probably in reaction to

the split with Russia over the crisis in Yugoslavia wrote "Under a top-secret project known as Bonfire, Soviet scientists in 1989 discovered "a new class of weapons" ...that could "damage the nervous system, alter moods, trigger psychological changes and even kill" (The New York Times, April 5, 1999, William J. Board, Judith Miller: "Defector tells of Soviet and Chinese Germ Weapons). (To be complete, according to the article in the Defense Electronics, the rights to Igor Smirnov's technology bought the American Psychotechnologies Corp. in Richmond, Virginia).

In the same issue of the Moscow News where the interview with Igor Smirnov appeared there was another strange article (63). In the introduction is printed the invitation letter from the deputy director of the factory producing for the Russian Department of Defense. The deputy director writes: "In the course of the last 20 years our enterprise specialized in the production of psychotronic apparatus for defense systems, design of navigation equipment for intercontinental missiles and cosmic apparatus..." and he invites the journalists to get acquainted with "biophysical reinforcer (metatron) Miranda designed with the use of the newest fundamental discoveries in the area of psychotronics." During the visit the people from the management of the factory told the journalists that Miranda is one of the side products of psychotronic weapons and the deputy director of the Medical research center of the factory, Vladimir Niestierov told them that it is produced in the American licence on basis of the agreement signed by KGB and CIA on September 24, 1990 and providing for joint research in the area of

psychotronics. The Miranda device emits on the patient sound electromagnetic impulses and in case that his body does not resonate with them it starts with the diagnosis of his ailment. However the representatives of the factory invited the journalists to get acquainted with a machine which was not in working order - when the journalist asked for the demonstration of the machine, they were told that Armenia does not supply one important part of the machine.

THE AMERICAN SYSTEM HAARP COULD BE USED FOR THE IMPLEMENTATION OF GLOBAL MIND CONTROL

In 1992 the Independent Moscow Institute for Foreign Affairs published in the weekly Stolitsa the communication by Victor Sedletski that already in 1982 in the USSR began the development of the new radar system which could be used to create "psychotronic field for mind control" (64).

At the end of 1994 the first tests of the most powerful radar system in the world were carried out in Alaska. This year its power should reach 10 billion watts. Among the main features of the system belongs its ability to heat the ionosphere and in this way change its altitude. By this kind of manipulation of the ionosphere it is possible to bounce the electromagnetic waves back from the ionosphere to whichever region on the planet. According to the official information by the U.S. government the system HAARP is designed for scientific research. Anyway there are too many facts suggesting that the major reason for its construction are military purposes. The building of the system started the E-Systems corporation which in 1992 made 2,1 billion dollars in sales out of which 1,8 billion were for classified projects. The whole project is financed by the American Navy and Air Force. The main patent of Bernard J. Eastlund (number 4,686,605) proposes the use of the system among others for destruction of navigation systems of airplanes and missiles wherever in the atmosphere, interference with all communication systems wherever on the planet (remember the CNN programme on Russian electromagnetic weapons), the global weather control and creation or repair of the ozone holes. Other patents connected with the system propose the use of the system for induction of detonations in the extent of nuclear explosions (again recall the CNN programme) and other military uses.

In 1995 the U.S. government stopped financing of the project until the army will develop the application of the system for the earth penetrating tomography. In this application the system HAARP should be able to find, using extra low frequency electromagnetic radiation, deposits of minerals underneath the Earth surface, but as well the underground shelters, factories, tunnels and other facilities. At the end of 1995 the authors of the book *Angels don't Play This HAARP* visited the director of the HAARP program, Hecksher. He told them that in this application the HAARP system will use frequencies between 12 and 20 Hz or perhaps 1 Hz. Those are frequencies which affect human nervous system. It is true those waves are too long to make it possible to aim them at human beings and most probably they will not carry the biological information to affect human brains, but still their effects on human nervous system are not altogether predictable.

Anyway, with the versatility of the system, it is no problem to emit pulsed microwaves with the intention to influence the human psyche. The inventor of neurophone, Patrick Flanagan, in the foreword to the book "Angels Don't Play This HAARP" wrote: "As a result of... personal research experiences I am acutely aware of the potential misuse of HAARP technology for the implementation of global electronic mind control" (22). The European Parliament in its resolution of January 28, 1999 is apparently addressing also this capability of the HAARP system. This resolution of the European Parliament is a result of the testimony presented to European Parliament by Nick Begich, the author of the above mentioned book.

THE SECRET CONFERENCE ORGANIZED BY THE AMERICAN NATIONAL LABORATORY IN LOS ALAMOS

In 1993 in the December issue of the American bimonthly Microwave News (65) appeared the report that in November of the same year, at the John Hopkins University (engaged in research of radiofrequency radiation - for example Samuel Koslov, one of the researchers in the project Pandora, replicated there experiment where rabbits exposed to microwave radiation developed corneal cataracts (41)), a secret conference took place, sponsored by the National Laboratory in Los Alamos, involved in the development of non lethal weapon systems. In the invitation to this conference we read: "The purpose of this conference is to bring together industry, government, and academia to explore the potential of non lethal defense and identify requirements so that the defense community can work together in leveraging the non-lethal concept. Industry, particularly, will benefit from a more precise understanding of requirements and operational constraints regarding non-lethal defense technologies. All attendees will have the opportunity to embrace a new perspective in international relations." in simple words the objective of the conference was to convince the industry about the lucrativity of the production of non-lethal weapons which will be used in the international relations.

On Wednesday, November 17, 1993 at 9 AM the lecture by Dr. George Baker from Defense Nuclear Agency was scheduled. The lecture was entitled "RF Weapons: A Very Attractive Non-Lethal Option". At 11.10 AM of the same day, Dr. Clay Easterly from Oak Ridge National Laboratory lectured on "Application of Extremely Low Frequency Electromagnetic Fields to Non-Lethal Weapons". Clay Easterly told the Microwave News that since the conference was closed to anyone without security clearance, he could not discuss the specific effects he referred to in his talk, but he admitted that his presentation dealt with the possibility of developing measures that would affect people.

On the lecture by Dr. George Baker the Microwave News comment that "it is difficult to know, based on unclassified information, whether this "option" has ever been used" and "That there were also allegations that non-ionizing radiation was used against the women's peace activist encampment at Greenham Common in the U.K. in the mid-1980s".

Since four and half years have passed since that conference it is logical to suppose that the mass production of those weapons was launched in the USA as

well as in Russia according to Victor Sedletski.

ARE THE RADIOFREQUENCY WEAPONS ACTUALLY USED ?

It goes without saying that for as long as the existence of those weapons remains subjected to the National Security Information laws there will be no confirmed reports of their use. But we should not afford to take easy the facts suggesting that those weapons have been in use already for years. About the strange symptoms from which the women at Greenham Common Base suffered there was talk here already twice. The article in the Defense Electronics (56) on Igor Smirnov quotes an employee of the U.S. intelligence agencies, wishing to remain in anonymity, as saying that this equipment was used by the special forces of the Soviet Army in Afghanistan to prepare them for the operations requiring atrocities against civilian population.

According to the Nexus magazine (October/November 1998, Judy Wall: "Military Use of Mind Control Weapons") British ITV News Bureau Ltd., in the March 23 1991 newsbrief entitled "High-Tech Psychological Warfare Arrives in the Middle East" describes the use of silent sound technology (as it was described in the chapter on Igor Smirnov's device) in the Gulf War where the imperceptible sound messages were broadcast by the U.S. special units to Iraqi soldiers over their communication lines, making them surrender.

An independent researcher and freelance writer from England, David G. Guyatt, quotes, in the synopsis prepared for the ICRC symposium "The Medical Profession and the Effects of Weapons" a medical engineer from the U.S. Department of Defense as saying in 1989 on CNN program on electromagnetic weapons that microwaves and other modalities had regularly been used against Palestinians.

In 1986 two Palestinian terrorists were tried in West Berlin, Germany. On the first day of the proceedings both defendants revoked confessions they made during the pre-trial hearings. One of them said that he somewhat recalls having made some confession, but he does not remember its contents, because at this time he was not quite himself. The other declared that into their cells voices were beamed that paralyzed their brains. When the judge objected that in response to his written complaint his cell was searched with no voices being found there, the defendant replied that those voices were beamed into his head by means of some waves by western secret services (66).

During the conference on Nonlinear Electrodynamics in Biological Systems E. Del Giudice from the Department of Physics at the university in Milano, Italy, spoke about the possibility to create blood clots by coherent propagation of

electric waves in the supporting medium when the fibrinogen is present in the blood (recall the interactions of electromagnetism and chemicals). Several

American newspapers (68) published the news that the son of Saddam Hussein, in his newspaper Babel, printed the news that American secret services attempted to kill his father, trying to form a blood clot in his heart or brain by means of "psychotronics and biocommunication".

According to the former director of the Freedom of Thought Foundation (now the director of the CAHRA organization), Cheryl Welsh, in the USA over 1600 people complaining about being subjected to mind control experiments are documented.

Also in Russia the Association of Victims of Mind Control Experiments was formed. Its director is Emilia Cherkina, former deputy in the Russian city of Zelenograd. Most probably it was her case that inspired a group of Zelenograd deputies to mail to the president Yeltsin a petition signed by 150 people demanding that he opens an investigation into the use of bioelectronic weapons (69). In the same article is a quotation of one of the alleged victims: "They controlled my laughter, my thoughts and caused pain in different parts of my body."

On Internet on the Mind Control Forum anads More Than Conquerors pages every month new people from mostly English speaking, Echelon, countries assert that they have fallen victims to experiments with mind control weapons. The most common symptoms are: hearing of voices inside their heads, sudden changes of mental states and disturbed sleep. Some of them also realize the presence of somebody else's thoughts in their minds. Many experiences described on the pages of Mind Control Forum make impression that they were written by a mentally ill person. But for as long as the mind control technology remains subjected to the National Security Information laws, it is impossible to decide whether they are mentally ill or whether they fell victims to inhuman experiments. Many of those people acquired, on basis of the Freedom of Information Act, documents stating that there is a National Security information pertaining to their persons. (The World Organization Against Torture, in their annual report for the year 1998, demands independent investigation of those claims.) The only proof that, at least in the past, such experiments were performed, are the roentgen photographs of brain implants in the heads of some of the people who complained about those troubles. The parents of one of those victims are convinced, that it was implanted into the brain of their son during the operation of tonsils at the age of 4 years, after which they had not seen him for 48 hours, and then found on his palate a big scar after a surgical incision. The operation was performed in 1982 (for the roentgen photographs see the Mind Control Forum pages on Internet). It is very probable that the implants functioned as antennas, before the progress of technology made them unnecessary.

Some idea of how such manipulation can feel we can get from the lecture of Friedman Kaiser, from the Department of Theoretical Physics in Stuttgart, Germany. At the conference on Nonlinear Electrodynamics in Biological Systems (70), in his lecture he described how does the "entrainment" of biological system (including the brain) to the external stimulation develop: "Regular external perturbations interact with the internal oscillations, the

system can be synchronized to the external drives (entrainment). A sharp frequency response results, exhibiting... rather irregular behavior near the entrainment region. On the route from the free to the forced oscillations one finds near the region of entrainment a nonlinear superposition of free and forced oscillations... the occurrence of strongly periodic states with submultiples of the external frequency enables the system to couple to other frequencies or to decouple partially from the driving field." In simple words a man or woman who will fall victim to complex manipulation of the type of "strategic personality simulation" which we will talk about in the next chapter, will live in the condition comparable to military occupation of a state. If this radiation hits the whole population, it should be the similar situation. From what we know it is not difficult to make them unable to concentrate or to disturb them by implanting "thoughts" into their minds.

Paul Tyler, in his paper on Electromagnetic Spectrum in Low Intensity Conflict, writes that electromagnetic systems "are silent and countermeasures to them may be difficult to develop."

REVOLUTION IN MILITARY AFFAIRS MAY RESULT IN THE DECLINE OF DEMOCRACY

John B. Alexander, in his article in the Military Review from 1980, writes: "whoever makes the first major breakthrough in this field will have a quantum lead over his opponent, an advantage similar to sole possession of nuclear weapons" (45). Samuel Koslov, a leading personality of the project Pandora of the American Navy and researcher at the John Hopkins University where the secret conference took place, in the closing speech at the conference on Nonlinear Electrodynamics in Biological Systems in 1983 said that the conference had proven that the external electric fields can "become a key to the cellular control console. The implications, social, economic, and even military are enormous." Samuel Koslov then continued: "If much of what we have heard is indeed correct, it may be not less significant to the nation than the prospects that faced the physics community in 1939 when the long-time predicted fissionability of the nucleus was actually demonstrated. You may recall the famous letter of Albert Einstein to President Roosevelt. When we're in a position to do so in terms of our proofs, I would propose that an analogous letter is required."

From this perspective of the revolutionary event in the science is derived also the book "Revolution in Military Affairs and Conflict Short of War", issued by the Strategic Studies Institute at the U.S. Army War College (71). Since the national security information is in question, the book can not tell the readers what technology exactly is making this revolution feasible. From the beginning the authors are aware that the use of this technology may run counter to basic moral and political values of the American society and in consequence the revolution in military affairs would require a moral and political revolution to come first. Since it is difficult for them to imagine that the American Society would accept the ethical and political revolution that would deprive the citizen of his privacy, they develop a scenario of events which would lead the American political leaders to back this revolution.

The scenario is placed into the year 2000 and is based on the situation of growing terrorism, drug trafficking and criminality: "The president was thus amenable to the use of the sort of psychotechnology which formed the core of the RMA (revolution in military affairs) in conflict short of war...As technology changed the way force was applied, things such as personal courage, face-to-face leadership, and the "warfighter" mentality became irrelevant." So the psychotechnology, which formed the core of the RMA, provided new methods how to influence the psyche of the adversary in place of the classical strategy to make him fear the death. "In the pre-RMA days, psychological operations and psychological warfare were primitive. As they advanced into the electronic and bioelectronic era, it was necessary to rethink our ethical prohibitions on manipulating the minds of enemies (and potential enemies) both international and domestic... Through persistent efforts and very sophisticated domestic "consciousness raising", old-fashioned notions of personal privacy and national sovereignty changed." It means creation of a society where thinking is reserved to power elite's as it is in totalitarian states and that the new totalitarian state should extend all over the planet. In which way the central power would be administered? "Potential or possible supporters of the insurgency around the world were identified using the comprehensive Interagency Integrated Database. These were categorized as "potential" or "active", with sophisticated personality simulations used to develop, tailor and focus psychological campaigns for each."

That this is not altogether a science fiction proves the American Department of Defense Directive establishing The Non-Lethal Weapons Steering Committee, issued on January 1, 1995 (74). There we read: "The term "adversary" is used above in its broadest sense, including those who are not declared enemies but who are engaged in activities we wish to stop." As well, if the United States in mid eighties were capable to eavesdrop telephonic and other communications around the world, why would not they be able to read minds or impose thoughts on whichever person in the world whose brain frequencies they will be able to determine, in the year 2000.

In the conclusion of the book on the Revolution in Military Affairs the authors return to reality. They admit that the American public and government may not be willing to accept this kind of revolution, but they are, as well, aware of the fact that as the use of this technology will be growing "we may eventually stumble into change as ultimately profound as deliberate revolution." But even in this realistic part they write: "... conflict short of war, ... is most often won or lost through the manipulation of images, beliefs, attitudes and perceptions. These things... are the key military targets in conflict short of war. This makes psychological technology much more important than strike technology. Ways must be found to use the emerging technology including advanced artificial intelligence and information dissemination systems, to help military strategists develop, implement, and continually improve methods of influencing opinion, mobilizing public support, and sometimes demobilizing it. There is also potential for defensive psychotechnology such as "strategic personality simulations" to aid national security decision makers." As a reference for the last sentence we read : "See Norman D. Livergood and Stephen D. Williams, "Strategic Personality Simulation: A New Strategic Concept", unpublished

draft paper, Carlisle Barracks, PAK: U.S. Army War College, 1994". The conclusion of the authors is: "Whether we opt for revolution or evolution, change will occur." In their futuristic scenario they expect that this psychotechnology will gradually appear "on the domestic black market and, increasingly, in American schools and workplaces", they do not mention the fact that this technology can be used for murders that could not ever be proved in the court (people would be dying from heart attacks, blood clots etc.). To master this kind of civilization crisis would require the further tightening of the totalitarian regime which could have for effect the gradual decline of the civilization.

If the reader would like to believe that such a scenario has nothing in common with the reality and so he has no reason to fear anything, Igor Smirnov, in his interview for the Newsweek as well as in the interview for the Moskovskie

Novosti (here not quite openly) admitted that the Russian Mafia is interested to get his technology. That even the Russian government does not take this for a joke proves the fact that there exists in Russia the law imposing state controls on all equipment in private hands which can be used as "psychotronic weaponry" (69). This formulation certainly does not prohibit to Russian government the use

of such weaponry.

On the leaflet of an American corporation (we will not name it since we do not support the dissemination of those weapons) we read: "Ever want to forcibly, yet secretly project YOUR THOUGHTS into another people-or animals as an overpowering EM signal?...Range is about 50 feet. Portable, battery operated..." The range of another system marketed on this leaflet "used in theoretical and applied research into EM weaponry... and mind control... exceeds 1 km." On the same leaflet an ultrasound apparatus was offered to be bought. Since the corporation does not offer those devices any more, there is one distinct possibility that the sales were banned by the National Security Agency just the same way as the Neurophone of Patrick Flanagan. By this baning procedure the U.S. government is bypassing the necessity to enact the laws which would prohibit production and use of mind control devices to both private and government organizations.

In their futuristic scenario the authors of the book on the Revolution in Military Affairs also write that "Whenever possible, profitability was used to encourage private and quasi private enterprises to develop appropriate technology... especially advanced psychotechnology." But the last chapter of this paper was dedicated to one such conference, which took place in 1993. So are we talking about the future or about the past?

The concept of the "strategic personality stimulation" is probably tested on some of the people who claim to be mind control experiment's victims. And even the idea that the concept of the revolution in military affairs is limited only to few people in the American Strategic Studies Institute may not be that correct. In 1996 Paul G. Kaminski, the secretary from the U.S. Department of

Defense said in front of the House of Representatives National Security Committee: "Cosmic forces play a key role in the emerging revolution in military affairs and this thanks to their unique capacity to gather, transfer and disseminate information" (72), it is possible that he was talking about the system HAARP capable to target whichever region of the Earth (by means of the manipulation of the ionosphere) and its use for psychological operations.

WARNINGS BY MILITARY AS WELL AS CIVILIAN SCIENTISTS

In May 1999 the neuroscientists conference, sponsored by the UN, took place in Tokyo. This conference resulted in a declaration addressing the ethics of consciousness studies. In the declaration we read: "Today we have intellectual, physical and financial resources to master the power of the brain itself, and to develop devices to touch the mind and even control or erase consciousness... We wish to profess our hope that such pursuit of knowledge serves peace and welfare."

In January 1999 an annual public meeting of the French National Bioethics Committee was held in Paris, France. Its chairman Jean- Pierre Changeux, a neuroscientist at the Institute Pasteur in Paris, told the meeting that "advances in cerebral imaging make the scope for invasion of privacy immense. Although the equipment needed is still highly specialized, it will become commonplace and capable of being used at a distance... That will open the way for abuses such as invasion of personal liberty, control of behavior and brainwashing. These are far from being science-fiction concerns... and constitute "a serious risk to society"" (73). At the same meeting Denis Le Bihan, a researcher at the French Atomic Energy Commission said "we can almost read people's thoughts". Those are apparently civilian scientists.

In October 1992 the Russian weekly Stolitsa (64) published an article on the development of "psychotronic weapons" where is mentioned the declaration of the Russian academician Kazanchev. According to the unconfirmed news from the times of the Russian scandal (54) this academician had signed for the Russian part the international agreement of 20 states where they obliged themselves not to use this technology against each other. That he does not have a great trust in this agreement proves the fact that he writes about a "psychic war" which, in his view, is more dangerous than any other kind of warfare and that the military may use extrasensory perception to paralyze the will of other people, "turning them into obedient slaves". He insists on placing this kind of research under international control.

In June 1995 the article "On the Possibility of Directly Accessing Every Human Brain by Electromagnetic Induction of Fundamental Algorithms" appeared in the monthly *Perceptual and Motor Skills* (43). The author, Dr. Michael Persinger from the Behavioral Neuroscience Laboratory at Laurentian University in Canada, was mentioned by Paul Tyler in his lecture at the conference on Emerging Electromagnetic Medicine (15). In his experiment he exposed students to 5 Hz fields which had for consequence diminution of perspiring, drought in the mouth, stomach pains and increased relaxation. According to unconfirmed reports he was employed on the U.S. Army project

"Sleeping Beauty" directed towards the battlefield use of mind-altering electromagnetic weapons. In his article Michael Persinger describes the ways how the individual differences among human brains can be overcome and comes to a conclusion: "Within the last two decades... a potential has emerged which was improbable but which is now marginally feasible. This potential is the technical capability to influence directly the major portion of the approximately six billion brains of the human species without mediation through classical sensory modalities by generating neural information within a physical medium within which all members of the species are immersed. The historical emergence of such possibilities... resulted in major changes in the social evolution that occurred inordinately quickly after the implementation. Reduction of the risk of the inappropriate application of these technologies requires the continued and open discussion of their realistic feasibility and implications within the scientific and public domain."

The American as well as the Russian governments protect themselves against such discussions by the National Information Security laws. In the article "The Mind Has No Firewall Against PSI warfare and Thought Control" (Parameters, U.S. Army War College Quarterly - Spring 1998) Timothy L. Thomas writes that "according to a Russian TV broadcast, the strategic rocket forces have begun anti-ESP training...to construct a firewall around the heads of the operators" and goes on to say "The time has come to ask why we appear to be ignoring the operators of our systems...the operator... is the weak spot in any nation's military assets... the game is about protecting or affecting signals, waves and impulses that can influence the data processing elements of systems, computers, or people". Are the Russian and U.S. armies going to protect themselves against non/existing weapons? The already quoted Directive on Policy for Non-Lethal Weapons assigns the Non-Lethal Weapons Steering Committee the task to "issue security and classification guidance for non-lethal weapons programs" (74). In the response to a letter by Eleanor White, Joan K. Christensen from the Assembly State of New York writes: "Thank you for contacting me with your concerns regarding the neuro-disruptive electronic weapon that you detailed in your correspondence. Unfortunately, information concerning what was referenced in your letter is highly classified, and I am not at liberty to divulge such information to the general public" (75). (The fact that this wide range of the U.S. public officials is acquainted with those weapons is also alarming, because their use may be much more widespread than is assumed in this paper.) Under those circumstances the only way, how the public discussion on this topic can be

provoked, is to make the largest possible portion of the world population aware of those provocatively classified facts. It is our conviction that only the global prohibition of the use of this technology under the international surveillance can prevent the crisis of the civilization which would result from the continuing use of this technology. The parents should decide whether they want to bear children into the world where they could not guarantee for them even the biological independence.

If you want to support our effort to ban the technology enabling the remote

control of human psyche financially, please, send few dollars at the account

Ceska Sporitelna

Nam. Ceskeho rajce 94

511 01 Turnov

Czech Republic

EUROPE

SWIFT code: GIBACZPX

Account number: CZ22 0800 0000 0012 8560 0193

Name of the account: Mojmir Babacek

Na Hazce 258

51101 Turnov

We need money to be able to buy the equipment enabling us to

demonstrate to the public the feasibility of mind control

by means of electromagnetic radiation and declassify it in this way.

The list of those who support the ban of radiofrequency weapons controlling human nervous system you will find bellow references

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- 58) Village Voice, March 8, 1994, Mind Control in Waco
- 59) Pravda, March 6, "The Art to Control the Crowd"
- 60) Moskovskie Novosti, March 20 to March 27, 1994, "Shall we Succeed to Change the Lie Detector into the Detector of Truth?"
- 61) Newsweek, August 22, 1994, "You will read this Story"
- 62) Moskovskiie Novosti, September 26 to October 1, 1994, "Non-lethal Weapon"
- 63) see ref. 60) "The Experts from the Defense Factory State that they Produced
- Psychotronic Weapons
- 64) Stolitsa, no. 43, November 2, 1992, Alexei Myasnikov, MC-Ultra programme, pg. 40, quoted from Russian Press Digest - RusData Dialine (after Cheryl Welsh)
- 65) Microwave News, November/December, 1993, "Military on Nonlethal Weapons: "A Very Attractive Option"
- 66) Frankfurter Allgemeine Zeitung, Germany, November 18, 1986, "Mit gebalter Fist"
- 67) see ref.41, Order and Structure in Living Systems, E. Del Giudicce, S. Doglia, M. Milani. pg. 477 -487
- 68) quoted from Cheryl Welsh
- 69) The Moscow Times, July 11, 1995, Owen Matthews, Report: Soviets Used Top Secret "Psychotronic" weapons, from Lexis Nexus Computer Database, after Cheryl Welsh
- 70) see ref. 41, Friedman Kaiser: "Entrainment-Quasiperiodicity-Chaos-Collapse: Bifurcation Routes of Externally Driven Self-Sustained Oscillating Systems, pg. 393 -412
- 71) Steven Metz, James Kievit, "The Revolution in Military Affairs and Conflict

Short of War, U.S. Army War College, Strategic Studies Institute, Carlisle

Barracks, PA 17013-5050

72) Mlada Fronta Dnes, March 28, 1997 (the Czech newspaper)

73) Nature, "Advances in Neuroscience May Threaten Human Rights", vol. 391,

January 22, 1998, pg. 316

74) Cheryl Welsh can mail you a copy of the letter: welsh@calweb.com

LIST OF THOSE WHO SUPORT THE BAN OF RADIOFREQUENCY
WEAPONS CONTROLLING THE

FUNCTIONS OF HUMAN BRAIN

NAME RESIDENCE STATE

Nathalie Luthold Garenne France

Milan Horak Uberlingen Germany

Mojmir Babacek Turnov Czech Republic

Petr Berousek Prague Czech Republic

Boris Zajic Prague Czech Republic

Eleanor White Hamilton Canada

Michael Donovan Norfolk Czech Republic

Martin Jezek Prague Czech Republic

Martina Opocenska Turnov Czech Republic

Ladislav Kohout Roudny Czech Republic

Zdena Voskova Turnov Czech Republic

Stanislav Horinek Turnov Czech Republic

Cheryl Welsh Davis USA

Anna Horinkova Turnov Czech Republic

Vernon Mulka Biddeford USA

Edmund Light Eureka USA

Merryl Nass Brunswick USA
Miklos Fournay Budapest Hungary
Alpha Team Intl Sydney Australia
Frantisek Dvorak Prague Czech Republic
Bohumil Spina Turnov Czech Republic
Martin Jiros Turnov Czech Republic
Moss D. Posner Fresno USA
T.Obrocnikova Kacanovy Czech Republic
Romy Cochran Tossa del Mar Spain
M. Novozamsky Vsetaty Czech Republic
G.D. Mutch Queensland Australia
Steve Wilson USA
Betty Daly King Arnamdale Australia
Anna Iundra London Great Brittain
Philip Fahey London Great Brittain
Ademe Adenew Prague Czech Republic
Margo Cherney Adas USA
Alexis Rodriguez Puerto Rico USA
Trisha Haviland Fairfield County USA
Ruth Barnet London Great Brittain
Bill Macintosh Fremont USA
Patricia F. Mougey Toledo USA
Mark Cohen Madison USA
Walter Tribe Sylmar USA
Lyan Moulén Amsterdam Netherlands

Jose ten Hove Amsterdam Netherlands

Sandra Fargo Loma Linda USA

John Vincent Hamilton Canada

Kyungguk Ha Seoul South Korea

Anna Fubini Torino Italy

Vratislav Kuchař Liberec Czech Republic

Kelly Taylor Midvale USA

Tom McClelland USA

Tracy Givens Fort Worth USA

Steven Shellen USA

Susan Sayler USA

Waldemar Lotz Berlin Germany

Hanna H. Stiles Phoenix USA

James Betts Sheffield Great Britain

Michael Riley California USA

WORLD STATISTICS OF SUSPECTED MIND CONTROL EXPERIMENTATION

According to Russian newspapers and some Russian politicians about thirty countries in the present world are involved in mind control research aiming at the possibility to control human being at distance by means of manipulation of its nervous system by physical fields (in some cases the use of implants have been proved). The survey of people complaining of manipulation of their nervous system (below) proves that such people may be found in twenty six, mostly technologically advanced, countries of the world (the countries which are not presented in the statistics have no complaints of nervous system manipulation on internet discussions lists, via e-mail or by regular mail). What is striking is the fact that the countries which are best known for mind control research - the Russian Federation and the USA have as well the highest numbers of people claiming remote manipulation of their nervous system. The number of such complaints in Japan and Germany is also alarming. We strongly recommend that the governments which

truly care for human freedom, human rights organisations, mass media and the United Nations become aware of those facts and take the appropriate action.

Citizens and Initiatives for the Protection against Electrosmog (Germany)

<http://mindcontrol.twoday.net>

Interessengemeinschaft der Opfer von Elektro-waffen

<http://www.mikrowellenterror.de/english>

Citizens Against Human Right Abuse (USA) <http://www.mindjustice.org>

Citizens Association for the Ban of Manipulation of Human Nervous System by Means of Radiofrequency Radiation (Czech Republic)

<http://web.iol.cz/mhzzrz/webstranka.htm>

Moscow Committee for the Ecology of Dwellings (Russian Federation)

<http://www.moscomekologia.narod.ru>

CCAPT Collectif Contre les Abus Dues aux Psychotechnologies (France)

<http://members.aol.com/ccapt2001/>

Association Against Secret Experimentations on Humans (Switzerland - Germany)

Mind Control Victims Association of Japan (Japan)

<http://www2u.biglobe.ne.jp/~msva-jp/englishversion.html>

International Movement for the Ban of Manipulation of Human Nervous System by Technical Means (<http://www.geocities.com/CapeCanaveral/Campus/2289/webpage.htm>)

WORLD STATISTICS OF SUSPECTED MIND CONTROL EXPERIMENTATION

Country---- Population in millions ---Number of people Verification

----- of inhabitants -----claiming that they

-----are victims of mind

----- control experimentation

Australia -----20 -----10-----

Belgium	10	1	
Brazil	174	0	
Bulgaria	7.5	0	
Canada	25	25	
China	1281	7	
	http://chinesemindcontrol.blog-city.com		
Czech Republic	10	3	
Denmark	5.4	0	
Estonia	1.4	0	
Finland	5.2	3	
France	60	50	
Germany	82	23	
Greece	10.6	0	
Hungary	10	0	
India	1050	1	
Ireland	3.9	0	
Italy	58	7	(the count of visits of website dedicated to this problem in one day http://www.aisjca-mft.org)
Japan	127	138	Kazakhstan -
	16.8	0	
Korea South	48.6	1	
	http://user.chollian.net/~antidew/ mailto:forward2080@yahoo.com		
Mexico	104	1	
Netherlands	16	8	
New Zealand	4	2	
Norway	4.5	1	

Peru	29	0
Philippines	86	0
Poland	38	3
Portugal	10	0
Russia	144	400 (according to the Russian daily Komsomolskaya Pravda there might be much more: Komsomolskaya Pravda, June 6, 1992, V. Umnov, "Kupite Ustroistvo dlia Slezki za sosediami")
Slovenia	2	2
South Africa	42	0
Spain	40	3
Sweden	9	4
Switzerland	7.4	3
Taiwan	22	1
Thailand	64	1
Turkey	69	1
United Kingdom	60	31 http://www.slavery.org.uk
United States	293	595 http://www.raven1.net http://www.mindcontrolforums.com http://www.eharassment.ca/network.htm
Venezuela	25	0
Vietnam	82	0

V. Lopatin , V. Cygankov: Psychotronic Weapon and the Security of Russia

Publishing house : SINTEG, Moscow, Russian Federation, 1999

CHAPTER 6

STATE DEFENSE INITIATIVE AND THE CONCEPTION OF ARMAMENT

Page 96 and 97

Any party is obliged to oppose adequate means of power to the means of power

pressure illustrated above.

Such a power for our country, in the area of PSW (psychotronic weapon), in my

opinion, will be STATE DEFENSE INITIATIVE which should translate

into GLASNOST, OPENNESS, disclosing of full INFORMATION and KNOWLEDGE to

each interested citizen of our country.

Into formation of POWERFULL PUBLIC OPINION concerning INTOLERABILITY OF

SECRET WORKS in the area of PSW, ban of such works and DESTRUCTION of the

SAMPLES and ... of PSW

Into an open work on the CONSTRUCTION of the MEANS of DEFENSE against the

effects of PSW under the full and most strict INTERNATIONAL CONTROL

Into an immediate signature of an international agreement on the

organization of collective work of INSPECTION of research establishments and

state territories where the PSI research is carried out.

Into establishment of collective interstat, international SCIENCE CENTERS

...

for coordination of projects and programs for the solution of complications of the global format of PSI-problem.

Based on the ideas presented above we will formulate proposals on the conception of PSI-armament

6.3 The Conception of PSI Armament

.....

Fundamental principles

To admit THE EXISTENCE OF PSI PHENOMENA AS A REAL FACT as well as their not

only at place, local influence and importance, but as well the global noospherical influence on all the mankind.

To admit the REAL FEASIBILITY of informational, PSYCHOTRONIC war (as a

matter of fact it is already taking place without declaration of war

secretly) and the FEASIBILITY of the use of violence by means of THE USE of

PSW.

7) DECLASSIFICATION of all the works on PSI problem... The arms race is speeding

up as a consequence of classification. Secrecy - this is in the first place the way to secure cruel control over the people... the way how to curtail their creativity, turn them into biorobots...

V. Lopatin , V. Cygankov: Psychotronic Weapon and the Security of Russia

Publishing house : SINTEG, Moscow, Russian Federation, 1999

Chapter 7 - Legislative Problems and the Psychotronic Weapon

Page 106 - 126

We believe that ... an appropriate federal legislative act is necessary.

In response to numerous addresses by Moscow Committee on Ecology of Housing to

the organs of the prosecutor's office on the matter of experiments of psychotronic type with the population, the Moscow prosecutor's office, in its response No. 32-7-15-97 from April 7th, 1997, divides dealing with this problem

directs "corresponding information" to the office of Prosecutor General of Russian Federation, but while doing this it is obliged to state: "The presented documents testify that basic need comes for the establishment of legal control over the research in this area. However there is no legislation concerning the above mentioned question. With respect to this the prosecutor's office is not in power to secure in whichever way the defense of the rights of citizens who are subject to the effects of psychotronic technology."

.....

Since the seventies the research projects are under development in the best laboratories of the whole world: in USA, Germany, Austria, France, Italy, Japan, Izrael, China etc. In the report on the research by the committee of authority of Lamerican Society for Physics, published in the USA, the conclusion is prsented that similar systems of weapons (Psychophysical Weapons Systems) may be effectively used for the slution of large number of military missions. They can be used for the construction of prinicipally new military means and methods, including the construction of the strategical weapon of the new type (informational weapon in informational war).

/note 3: on this subject see: Materials of Parliamentary Hearings "Threats and

Challenges in the Area of Informational Security", Moscow, July 1996,

Informational Weapon as a Threat to National Security of Russia (Analytical

Report of SVR of the Russian Federation, Moscow 1996), To Whom will
Belong the

Conscious Weapon in the 21st century?, Moscow, 1997, V.N. Tsygichko,
G.L.

Smolian, D. Ts. Chereskin - "Informational weapon as a geopolitical factor
and

instrument of the politics of power", Moscow, 1997..../

Those facts prove the necessity to work out the national as well as

international legislation designed for the defense of human psyche against

subliminal, destructive informational effects.

7.2 The Concept of Information-Psychological Security and Particularities of
of the Ways of its Guaranteeing

Information-psychological security we understand as a condition where the
human

psyche is protected against destructive informational effects (the instillation

of destructive information into the consciousness or subconsciousness of
human

being, having for effect inadequate perception of reality).

Note 3 - Lopatin, V.N. Legislative problems of guaranteeing

information-psychological security of personality (verbatim record of the
round

table in the Council of the Federation FS of the Russian Federation on

information-psychological security of personality, 27th of January, 1995.

Information-psychological security appears to be the fundamental portion of

informational security and must occupy a special place in the state politics

towards its guaranteeing.

This special place is defined by the specificity of threats and their sources in the area of information-psychological security, special character of principles and tasks in the realization of state policy in this area..

Note 5 - on this subject see as well: project of the Conception of Information-psychological Security, Institute of Psychology of the Russian Academy of Sciences, Moscow, 1995

Potential sources of threats in the area of information-psychological security appear to be

.....

sources of information

programs for EVM

generators of physical fields and radiations (stressed by the translator)

.....

The fundamental threats to information-psychological security appear to be blocking, on subliminal level, of the freedom of will of human being,

artificial introduction of the syndrome of dependence

research, construction and use of special technical and programming means

for destructive effects on the human psyche

manipulation of societal consciousness with the use of special means of effects

.....

destruction of indivisible informational and spiritual space of Russia,

traditional foundations of the society and societal morality

The activity, in the area of information-psychological security must be construed on the following principles:

.....

.....

.....

.....

priority of human rights in the informational area and ensuring of the state guarantees of the realization of those rights

state and citizens control over the construction and use of special means of effects at the human psyche

state monopoly for the development of the means and methods of subliminal informational effects

obligatory licensing... of the activity, connected with the use of means and methods of subliminal influence upon the human psyche and as well their certification

availability of psychological expertise

.....As a standard of psychological expertise we understand parameters of informational environment showing no destructive effects on the human psyche.

Guaranteeing of information-psychological security appears to be the most important task of the state, therefore state guarantees of the defense of human being against destructive informational effects must be established.

The state must guarantee:

subliminal informational influence (including hypnotical influence) at human psyche can not be performed without the person's consent except for cases defined by the law....

.....

the means of mass communication may not be used as instruments for

realization... of destructive informational influence at human psyche
 the government of the Russian Federation will make sure that the citizens,
 organizations, agencies of power and local self-government will be informed
 on the possibility of the use, against people, of subliminal (subconscious)
 informational influence....

The plenipotentiary organs and organizations organize education in methods
 of defense of people from subconscious destructive informational
 influence.....

The State System of Guaranteeing of Information-psychological Security

.....

Psychological expertize must be a state expertize and realized only by the
 agencies of the state system, empowered to this task by the government of the
 Russian Federation. Psychological expertize may be performed at the orders of the

State System of guaranteeing of information-psychological security or as well
 in

the sequence of requests of citizens or persons without citizenship.

If, as a result of psychoecological expertize, the destructive informational
 influence at human psyche is determined, having for consequence inadequate
 perception of reality by the person subjected to such an influence, the medical
 help must be rendered with respect to the existing legislation. Compensation of
 damages and losses connected with social rehabilitation of persons suffering
 from destructive informational influence must be realized in legal trial....

.....

page 113

According to the data by FAPSI, in the past 15 years the expenses at the

acquisition of the means of informational war in the USA were increased 4 times

and occupy the first place among all of the armament programs.

.....

Page 126

In the past year the author presented an initiative which was supported by the parliamentary commissions of the State Duma, and in December 1997 was turned into

a political initiative of nine states of the Union of Independent States. MPA of the Union of Independent States approved the address to the Organization of United Nations, OBSE, to the countries of Interparliamentary Union, with the proposal to include on the agenda of General Assembly the question of preparation and conclusion of an international convention "On Averting of Informational Wars and Limitation of Circulation of Informational Weapon".

Note of the translator:

This initiative of the Russian Federation was confirmed in the article by the Russian newspaper Segodnya of February 11, 2000, the article by Andrei Soldatov

"The Riders of the Psychotronic Apocalypse", the article announces the presenting of the draft of the law by V. Lopatin to the Russian State Duma stating that this is the third draft of such a law presented to the Russian State Duma and that this one has a good chance to be passed. At the end of the article it is stated that the position of the Russian secret services on the passage of the law is not clear, though their representative took part in its preparation.

On September 9, 2000 the Russian president Putin approved the Doctrine of Informational Security of the Russian Federation. There is practically no

mention of possible mind control operations carried out by whichever state:

I. INFORMATIONAL SECURITY OF THE RUSSIAN FEDERATION

Paragraph 2 "Types of Threats to the Informational Security of Russia"

.....

threats to constitutional rights and freedoms of human being and citizen in the area of spiritual life and informational activity, individual, group and societal consciousness, spiritual renaissance of Russia

.....

.....illegal use of special means of effects on individual, group and societal consciousness.

Paragraph 4 Status of Informational Security of the Russian Federation and Fundamental Principles of its Ensuring

.....

Fixation in the Constitution of the Russian Federation of the rights of citizens to inviolability of their personal life, personal and family secrecy, secrecy of correspondence, practically do not have legal, organizational and technical guarantees.

II. METHODS OF GUARANTEEING OF INFORMATIONAL SECURITY OF THE RUSSIAN FEDERATION

.....

In the sphere of internal politics

.....

work on special legal and organizational mechanisms of non-admissibility of illegal information-psychological effects on the mass consciousness of the society....

In the Sphere of Defense

To the objects of guaranteeing of informational security of the Russian Federation in the sphere of defense relate:

.....

diversional-undermining activity of secret services of foreign governments realized by methods of information-psychological effects

.....

Perfection of methods and ways of strategical and operative camouflage, espionage and radioelectric war, methods and means of active countermeasures against information-propagandistic and psychological operations of the possible enemy.

.....

International Cooperation of Russian Federation in the Area of Guaranteeing of

Informational Security

The basic direction of the international cooperation of Russian Federation in the area of guaranteeing of informational security appears to be ban on the works, dissemination and use of "informational weapon"

.....

Note of the translator

This my work is not intended to blame Russia, who, at least in the person of V. Lopatin, made an effort to declassify their work on mind control weapons. This my work is meant to blame all the governments who are hiding their mind control research from their citizens and, obliged by the international competition, carry out experiments on them..

Here are few more quotations from the book by V. Lopatin and V. Cygankov (the

Russian scientist, who is for more than thirty years developing neurocomputers):

Page 97

The Conception of mind-control armament

.....

DECLASSIFICATION - of all the works on mind control problem... The arms race

is speeding up as a consequence of classification. Secrecy - this is in the first place the way to secure cruel control over the people... the way how to curtail their creativity, turn them into biorobots...

Conclusions for chapter 6

.....

3. Only if the work on mind control problem is no more covered by the screen of

secrecy, extraordinariness, mysteriousness, if complex, open scientific research with international participation, is carried out, the psychotronic war including the use of psychotronic weapon can be prevented.

Chapter 1

Page 23 "In the USA the devices and methods were created capable to introduce

into the subconsciousness of a human being the information needed to make him

execute the orders which were introduced there. Those are new man-and-computer

complexes and their objective is the control of the intellect..."

And the last important information : Vladimir Lopatin is no more the deputy of the Russian State Duma (the reason is not known to me so far).

Few notes, from the press, of his political life:

Interfax News Agency

Interfax Russian News

August 16, 1999, Monday

Headline: Duma to debate PM's Confirmation , Dagestan on Monday

.....The Communist party of Russia... group's coordinator Sergei Reshulsky suggested

that the Dagestan issue be included in the agenda. Defense committee Chairman

Roman Popkovich, our home is Russia, and Vladimir Lopatin, Russia's regions,

support him. Lopatin went so far as to suggest skipping speeches by party group

leaders in debating Putin's confirmation so as to allow time for debating a resolution on Dagestan."

The Xinhua General Overseas News Service

Xinhua News Agency

October 11, 1990, Thursday

.....Williams also disclosed today that yesterday, Cheney, met with a young soviet

military "reformer", major Vladimir Lopatin, and had a "private conversation"

with him. He declined to reveal the contents of the conversation. Lopatin, who

addressed a press conference at the national press club here today, is in the

United States on a visit hosted by "Global Outlook", a research institute.

Lopatin, currently chairman of the military reform subcommittee of the USSR

Supreme Soviet Committee for Issues of Defense and State Security is the "leader

of a new breed of Soviet dissidents", according to the organizer's

introduction.

Text of the document from the NTC System

N 3829-II GD

Moscow, April 2, 1999

State Duma of the Federal Assembly of the Russian Federation

Resolution

"In connection with the rejection by the President of the Russian Federation... of

the federal law "On Commercial Secrecy"... the State Duma decides

To agree with the proposal of the Committee of the State Duma on

Informational Politics and Communications to create a special commission...

To choose as members of that commission the Deputies of the State Duma

Nesterov Jurij Mikhailovitsch., Kolomeiec Nikolai Vasilievitsch, Lopatin

Vladimir Nikolaevitsch ...

V. Lopatin, V. Cygankov: Psychotronic Weapon and the Security of Russia

Chapter 1

"Theoretical works appeared, confirming the reality of PSI-phenomena, the existence of so called torsion component in the right part of of the

gravitational equation by A. Einstein (19), and the construction of technical

models of the torsion fields radiation generators is reported in some works (20,

2). All such publications and communications talk about the possibility to use

the presented PSI-phenomena with the intent to attack as well as with the intent

of the perfection of the defense of the government and its means of armament.

...

The following PSI phenomena of human being and animals are the object of the

study:

- x prediction of future
- x secret reading of the present and past time
- x hypnotical effects and zombieng
- x search and finding of indicated lost objects

The basic problems of the construction and areas of the use of psychotronic weapon result from those:

- x construction and use of military PSI generators
- x collecting of inteligenge (PSI-detectors)
- x construction and use of battlefield PSI generators
- x construction and use of TSULIPs - centers for control of people and apparatus

- basic system of communication: networks of telephone, radio and television broadcasting; system of torsion communication and radiation, i.e. networks of PSI effects.

- x construction of bioautomats-robots

Building of models and analogs of PSI-abilities and phenomena - the task which is

nowadays in the order of the day.

PSI weapon this is the "ray weapon" (powerfull generators, radiating pencils of rays, serving as a striking factor) and ENERGO-INFORMATIONAL CURRENTS OF

RADIATION ORGANIZED IN A SPECIAL WAY (coherently), of known as well as unknown

physical nature.

...

To make the reader understand everything what will follow we will give some

definitions and a short survey of the PSW problem.

The first level - this is the psychological problem. I would call it a

MACRO-problem. This is the problem of the control of the state of the

consciousness of human being and society and, consequently, depending from the

consciousness - of the psychology of the behavior of human being as a person,

group, socium. This is the problem of the use of internal biological mechanisms

and laws controlling such or other psychological condition or behavior.

With respect to numerous manifestations of anomalous, unusual (for the classical

psychology) or parapsychological phenomena as is the case of clairvoyance,

extrasensory perception, telekinesis, phenomenal memory and out of the ordinary

calculating abilities (the experiments by Messing, Kuna, Gorin) and other

mysterious qualities of the psyche, the new direction of scientific research and

technical design (construction of technical means of registration, measurement

and influencing of the brain) came into being called PARAPSYCHOLOGY.

.....

The second level - MICRO-problem. The designation of this problem as a PSI

problem is derived from the use of mathematical apparatus, methods and means of

measurement of the QUANTUM MECHANICS (QM) for the research on AP (anomalous

phenomena) of the psyche. The fundamental wave equation of QM, the equation by

Schrodinger, contains the mathematical symbol of the greek letter PSI defining

the wave function which describes the undulatory behavior of quantum mechanical

object (ensemble).

It is believed that the processes and the mechanisms of consciousness (thinking), the processes of subconsciousness (under the threshold processes), i.e. all psychic processes in the brain, are governed by quantum-mechanical laws. Aside from that a much more sophisticated scientific discipline came into being - scientific and technical PSI-quantum mechanical discipline of the research and control of the mechanisms and laws of thinking and psyche at the MICRO-level - the level of elementary particles and physical vacuum (19).

So the two apparently opposed worlds or levels, MACRO world and MICRO world,

enter the worlds of thinking, consciousness and psyche. The ways and methods of

their research and the control of their intimate mechanisms merged into a

single, more sophisticated problem, the problem of identification and control of

the condition of consciousness and psyche.

....

... The theory of physical vacuum by G.I. Shipov (19) unites the general theory of

relativity by A. Einstein and quantum mechanics by Heisenberg, Schrodinger,

Dirac and offers to the designers and researchers the key to the construction of

the power means which could act upon the topology and structure of the

space-time. The possibility emerges to build unusually powerfull and effective

means of coherent radiation and destruction of targets and as well of

high-manoevrable and economic flying apparatus (FA) and aero-cosmic complexes

(of the type of flying saucers ... (23), see appendix 1 as well).

....

As a result of the solution of the PSI problem numerous means usable with mercenary objectives as means of violence, attack, subjugation and blackmail have been produced and their production continues intensively.

1.2 Psychotronic Weapon and Psychotronic War

Definition 1. Psychotronic weapon (PSW) - any means of intensive effect upon the

brain of a single human being or mass of people, upon the flora and fauna, upon

plants, animals, upon the environment (liquid and gaseous)...with the objective

of the disturbance of their normal condition and functioning

Definition 2. Psychotronic war - the mass use of PSW against the state or its part.

....

We will begin by presenting one of the possible classification of PSW:

According to their use: strategic, tactical, individual (personal)

According to the strategy and tactics of the use: offensive, defensive

According to the scale of the destructive effect: mass destruction, highly targeted local effect

According to energetical factor: - subliminal, extrasensory, subliminal (unenergetical) - weak electromagnetic biofields and other radiations

- superstrong coherent power-energy fields and radiations, producing

catastrophic perturbations of ecological scale - topological means,

deforming structure and characteristics of the space-time

According to the target in the living object - sensory, extrasensory

influences at the system of perception (inputs) - psychokinestetical - motor

influences at motions and displacement (output) - extrasensory effects at

the processes of decision making, at the personal "I" (central)

According to the duration of the effect - short time, reversible - longtime

effects - irreversible, pathological effects, defeating the psyche

According to the outcome of the effect - non lethal -lethal (with lethal outcome)

According to the controlability - controlable by an inductor or generator with the use of commands - uncontrollable, of a single effect

According to the distance of the effect - local, neareffect (radius up to 1 km) - medium distance (until 10.000 km) - superdistance, global, all-earth scale

10. According to the speed of propagation - - - - slow, lowspeed (of the type of epidemics, panics)

fast of the speed of electromagnetic waves - immediate effects (superfast)

.....

.....

The Research Abroad

Government structures, organizations and companies preoccupied with the PSI problem in the USA (28):

x The Department of Defense of the USA

x Office of Intelligence at the Department of Defense of the USA

x DARPA agency at the Department of Defense of the USA

x Airforce, Navy and land forces of the army of the USA

x The Center of Military Research (Redstone)

x Research and Science Institute of behavioral and social sciences of land forces of the USA

x American Association for the Development of Science

- x The company RAND
- x The company Westinghouse
- x The company General Electric
- x The company Bell Telephone Company
- x Stanford Science Research Institute and many tens of other institutions

The following countries carry out research in this area: USA, Great Britain, France, Germany, Japan, China, Vietnam, Izrael, Italy, Hungary, Roumania, Bulgaria, Russia, Ukraine (more than 30 countries in the world).

Five basic directions of military research in the area of bioenergoinformatics and PSI phenomena can be defined:

Works on methods of premeditated influence at psychical activity of human being (29)

Fundamental theoretical and experimental research studying the clairvoyance and telekinesis in military applications (gathering of intelligence and sabotage activity) (29)

Study of the influence of bioradiation on military and commercial control and communication systems, on military electronic apparatus, work on bioenergetic generators capable to influence the staff of armies. (30)

Work on systems capable to detect and control (systems of monitoring) artificial and factual dangerous bioradiations and methods of active and passive defense against them. (103,104). Work on measuring devices and metrological services and methods of evaluation of such phenomena and effects. Modeling of PSI effects and biocommunication. (28)

Construction, on the line of aerospace agencies and NASA in the USA, of power

systems destined for military defense of the type of newer effective lethal

apparatus (LA), making use of the possibility of the transformation of topology of the space-time and the control of gravitation. (23)

Aside of that the evaluations of the strategic potential of the probable enemy possessing the PSW are taking place. The higher effectivity of the PSW, in comparison with the thermonuclear weapon has been proved already. The evaluation

of the probability of the "psychic invasion" from the part of states - potential enemies is taking place.

.....

Let us take a look at a small part of the numerous works carried out abroad in the area of psychotronics:

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x Expansion of the bulk of the works in the area of parapsychology and bioenergetics in the USA. Today more than 150 organizations work on this subject.

After the successful experiments with deciphering of photographs by extrasensors

(28), the U.S. Congress evaluated them as serious for the security of the country and the research was placed under the National Information Security law. The military experts analyzing the potential of the research in parapsychology in the USA admitted still in the 80's, that the PSI phenomenon - this is a reality and it can be used for the construction of principally new methods of warfare, not inferior to thermonuclear warfare, i.e. for the development of strategic forms of armament.

In the USA the devices and methods were created capable to introduce into the subconsciousness of a man the information needed to make the man execute the

orders which were introduced there. Those are new man-and-computer complexes and

their objective is the control of the intellect. The concentration of great doses of psychic energy of the determined spectrum acts destructively on the brain. (28)

x Construction of special biofield generators, headed by professor V. Peschke and research of their influence at the change of character of the personality of a human being (Stuttgart, Germany)

x The use of quantum mechanics laws for the explanation of the experimental work

in psychotronics (dr. Puharich, collaborator of NASA)

x Research on bioenergetics and telepathical transmission of information, with the budget of 6 million dollars (Pentagon, D.o.D., USA). The work was placed under the National Security Information law.

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On the Works in Russia and the Union of Independent States

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Targets for the PSW means

To understand more profoundly the PSW problem we will select FOUR essential

"TARGETS" - the locations or areas of application and influence of PSW means:

GENETICAL APPARATUS of cells (chromosomes, mitochondria, molecules of DNA

and RNA)

LIQUID CRYSTAL MEDIUM of the cell, intercellular liquids, liquids of organism surrounding environment (aquaducts, liquid food products)

BRAIN (centers regulating the state of consciousness and functions of

"subconscious") and by its mediation other organs, cells and functions
 Biological and psychical fields surrounding living organisms and plants
 Every "target" has got its s p e c i f i c affectable parts with their
 qualitative and quantitative indices and markings on the part of the means of
 PSW and as well there is g e n e r a l , universal (unspecific) location of
 influence of the PSW for any type of "target".

The following text is really difficult to make out and it is certainly not
 written in the way to make it feasible to use the information to build the
 neurocomputer (for sure in the West the electronic neuronal networks are built
 as well). Though, there is one important statement at the end of the text - the
 torsion field detectors are manufactured in Russia and Ukraine.

neurocomputers and torsion or scalar fields

V. Lopatin, V. cygankov: "Psychotronic weapon and the security of Russia"

Chapter 3

biophysical principles of psw

page 44

"Unexcited physical vacuum represents a quasi-cristal composed of firmly
 packed

spherical particles - fitons, having two compensated spins directed in the
 opposite direction and for that matter absolutely neutral in the outside space.

Birth or materialization (according to Yuzvishin) of electric, gravitational or
 spin-torsion fields and particles - this is charging (E), spin-longitudinal or
 gravitational (G) and spin transverse torsion (S), SL-left or SR-right,

polarization of physical vacuum, or modulation (excitation) of neutral state of
 fitons. Three modes of fields take birth: E-field, electric field and charge q,
 G-field, gravitational field and gravitation or inert mass m and S-field,

spin-torsion field with two, SL and SR, varieties. From here takes its title the EGS of A. E. Akimov as well (20).

As we can see, all the phenomenons of quantum transformations and changes in the

world of elementary particles takes place at the fiton level, at the frontier of

the change "unexcited vacuum" - observable physical 4-dimensional world of the

ordinary physical reality. The components of reality... are composed of multitudes

of a) b) c) d) - primary elements and fields... and out of those, in compliance

with the known physical laws, the ordinary material particles and fields are

formed (85,86,87,88 - authors P. Dirac, R. Feinman, G. Myakishev, L. Okunj).

Among them occur well known quantum-mechanical interactions of radiation and

matter (108).

But there are inordinary interactions as well - on November 29,1996, in the

Government Institute of Astronomy (GAISH) the experimental results of the

effects of torsion fields on gravimeter were reported, on its probe metalon

mass... the curve of the decline of the excited state E slows down in the moments

when the torsion generator is turned on and the micro oscillations of fon are

strengthened up by the torsion effect.

The effects at the gravimeter were executed from the distance of 20cm, 3 meters,

without screening and throught 30 mm iron screen which did not show any

screening effect as well as the distance."

CHAPTER 4

Neurocomputer as a possible PSI-means

Neurocomputer as a model of nervous-psycho activity of the brain, if it is built and works on the same principle as the living brain, as an unbalanced, unstable system of multitude of interacting - in the mode of chain reactions - elementary neurons, may manifest PSI phenomena and can be used as a means of PSW

(psychotronic weapon). It may serve as a means of disclosure, detection, registration, interpretation or generation of PSI-fields or PSI-effects.

As an example the neurocomputer "EMBRION" may be pointed out which works on this

principle (49,50). The neurocomputer generates, in the moment of the propagation

of excitation in the neuronal network, multichannel coherent spectrum of radiation-frequencies which, interacting among themselves, create a rotating PSI-field or an informational whirlwind (fig. 14)...

In this whirlwind torsion radiations take birth due to the mass alteration of spins of elementary particles during the quantum transitions between the levels of excitation. Quasiparticles or informatinal whirlwinds those are informational whirlwinds of Yuzvishin or inertionees of Shipov (chapter 2 and 3). They are directionally radiated into the space and can get upon the subcortical brain structures...

....

Fig. 16 I can not draw on my computer so: there are 2 inputs into the neurocomputer. One comes from the environment or is substituted by artificial inputs - this input is processed by the "sensory matrix" of the neurocomputer. The other input are the motives or goals which are processed by the "block of bringing out of hypotheses". From here the information is fed again into the

sensory matrix. All the information processed in the sensory matrix proceeds to

"memory". The memory has got an other input from the "block of energetic potential". So in the memory are mixed the informations (or waves or pulses - this is my understanding) coming from sensory matrix and block of energetic potential. What sorts out of the memory is called "reactions" (in my understanding those are waves).

....

"Neuronal network (fig.15), as a branching stochastic proces of the type of Markov's flail, is realized as a result of the equal-probability scanning by impulses NS from the BLOCK OF ENERGETIC POTENTIAL, of the separate discharges of

L-dischargeable register R0 of the inner memory and transmission of the information in the mode of the picture $(S)=(S1,S2)$ from the SENSORY MATRIX (SM)

in correspondance with the hypothesis of perception inside of it. Here $n=3$ - dischargeability of the NC (neurocomputer), $m=2$ - the number of lines of the sensory matrix (SM). Double codes of the flowing condition of the register of the inside memory R0 represent virtual quasineuronal networks, number of steps

$(U)=(U1,U2)$ of the scanning of the two lines of SM, called the hypothesis of perception, introduced from the BLOCK OF BRINGING OUT OF HYPOTHESES (BBH),

defines the number of layers of neurons or the depth of the network.

The probability of the transfer - this is the synaptic weight at the entrance of the neuron, and when the probability is X - than this is the level of excitation or its starting frequency. For the maximal possible number (2 on P) of neurons X

- this is the REACTION or the SPECTRUM of frequencies. If we vary the figure-code R0 and figure-codes SM and as well present such or other hypothesis

(U), we can receive or synthesize all kinds of variations of neuronal networks (stochastically branching processes) and variants of their activity.

At figure 16 there are variants of synthesized neuronal networks or modes of virtual PSI-processes or PSI-fields and their coherent spectra on condition showed on figure 15 and especially:

dischargeability of NC $n=3$

starting condition of the inner memory $(R0)=(0,0,0)$

number of lines of SM $m=2$

figure on SM $(S)=\{S1=[1,1,0]; S2=[0,0,1]\}$

the hypotheses of perception $(U)=(U1=2; U2=2)$

number of layers of the neuronal network $U1+U2=4$

number of scanning impulses $NS>10*2n=81$

In the neurocomputer "EMBRION" there are 3 basic, cyclic, rotating electronic processes which may act as generators of torsion fields (49,50,168 -

Tsygankov's publications are referenced here)

(From the appendix to the book by V. Lopatin and V. Tsygankov: "Psychotronic

Weapon..." - this chapter is written by V. Tsygankov, page 138 - 145)

"We will suppose that the events in neurocomputers (NC) take place in the space

of events of the physical vacuum and that the geometry of the absolute parallelism corresponds to them (geometry A4)"....

...

(What follows are 3 pages of mathematical equations which only an expert

physicist can understand. If anybody knows somebody like that I will gladly mail

him the copies of those three pages with the English translation of the

accompanying text. It should be noted that the theory of torsion fields starts

from vacuum as well as the theory of scalar fields presented by Tom Bearden in

the interview for Megabrain Report.)

.... a

The energy-impulse of the matter T of the probable field of virtual excitation of

bk

quasineurons of the neurocomputer "Embrion" (NC "E") (4) may represent the SOURCE OF TORSION FIELD or FIELD OF INERTIA.

NC"E" represents an active quasineuronal network realized in the mode of virtual

discrete-wave field of a complicated organization. NC "E" - this is a

multichannel generator of coherent pulse currents and wide band

radio-radiations(5).

In NC"E" there are realized 3, coupled in the space (figure 2) spin, circle or cyclic processes of the movement of electromagnetic activity (energy):

c(p)-cycle, where p is the dischargeability of NC

m-cycle, where m is the number of lines in the sensory matrix

NS-cycle, where NS is the number of realizations of accidental proces or

number of circular trajectories

.....

During the apparatus realization of p-dischargeable register (P0) of the inner memory and the field of registers $m \cdot p$ SM in the mode of CIRCLE and TOR

correspondingly, the conditions of circular spaceous organization of the coherent field are realized, which may appear to be a variety of TORSION (SPINORY) FIELD (1).

The virtual field of NC "E" can be understood as some QUASIPARTICLE, SHIPOV'S

INERTION (5) and this quantum object must satisfy the requirement of non-holonomy (2).

2. THE AREAS OF POSSIBLE USE OF NC "EMBRION" IN PSI-PROCESSES

2.1 Remote hidden informational communication. Cards of K.E. Zener

If we start from adequacy of NC "E" and non-holonom object (1) when it radiates

torsion fields, then we can, with the use of NC, affect biological receiver, for example, the human brain, transmitting there remote information in the mode of

the sequence of codes.

As the source of a such sequence of codes may serve, for example, the radiations

of the NC, when the cards of the American psychologist K.E. Zener (fig. 3 - figure 3 shows cross, jewish star, circle, square and sinusoides) are projected on its sensory matrix in sequence.

The spectrum of radiation of the NC may be registered in two ways: either by means of apparatus with the help of the PSI-detector (it will be discussed later) or in the mode of protocole of verbal responses of a man as a receiver of PSI information, or in the mode of figures drawn by the experimentee.

2.2 Force and Informational Coherent Interaction of Space and Time (ST) for the

Control of Flying Apparatus (FA)

In the virtual field of radiation of the NC "E" the coordinate x is the U-component of the field or the coordinate of the proper time which can be controlled with the use of BBH - block of bringing out of hypotheses.

We can create, with the use of NC "E", our LOCAL UNIVERSES (5), our SPACE-TIME,

we KNOW HOW, with the use of the Block of Advancement of Hypotheses (BBH), to

CONTROL the SPACE and TIME (U).

In the PSI-proces is the block PK-psychokineses-proces the force effect of the PSI-source on the environment.

And why not to use our NC "E" for the control of the ENGINES of A.K. Holt, the

co-worker of the center of Space Research NASA, the member of the American

Institute of Aeronautics and cosmonautics (AIAA), the Society of Transport Engineering (SAE), the American Institute of Mechanics and Engilneers (ASME)

(6)?

Holt presents two types of engines for space systems:

GRAVITATIONAL systems - multipurpose motion installations, using

"gravitational" effects of ALTERNATING FORMS of electromagnetic energy.

Systems with the RESONATION of the FIELD - motion installations for the deep

space provoking limit, but LOCALIZED ALTERATIONS OF QUALITIES OF NON-LINEAR

TRANSFORMATIONS OF COORDINATES OF THE SPACE-TIME ("HYPERSPACE JUMPS").

Those motion installations use, in the A. Holt's conception the interaction of the space-time with the FIELD (ST + F).

...

Those perfected motion installations must be construed with the use of COHERENT

ELECTROMAGNETIC CONFIGURATIONS or DISTRIBUTIONS GENERATED INSIDE of them in

order to alter the gravitational forces acting on the flying apparatus (FA).

The theoretical model developed by A. Holt (7) of the interaction of electromagnetic and gravitational fields proposes the creation of artificial highenergetic DISTRIBUTION of ENERGY, coherent in space and time. If, in every

point of ST field of the NC "E", we place at the output of every quasineuron controlable energetic sources of Holt and CONTROL with the use of R0, Sensory

Matrix and Block of Advancement of Hypotheses, their coherent distribution of

energy, then we receive CONTROLABLE SYSTEM for the Holt's engines.

As a result of interactions of the field (NS*U), space-time (RxU) of the neurocomputer and energetic fields of the motion installation THREE MODES OF

EFFECTS come into existence:

diminution or augmentation of the SUMMARY ENERGY in the system of the

matters takes place as a result of the RESONANCE WITH "VIRTUAL" STRUCTURE of

remote points of the Space-Time (ST) (1).

- The TRANSPORTATION of the OBJECT in the ST takes place by the way of

ALTERATION of COHERENT DISTRIBUTION as a result of RESONANCE with the virtual

distribution (field).

Availability of the ACTALLY WORKING NEUROCOMPUTER OF THE TYPE OF "EMBRION"

permits already AT PRESENT TIME to BEGIN WITH THE EXPERIMENTAL RESEARCH ON THE

CONTROL OF THE SPACE-TIME and the evaluation of different theoretical models of

the Universes (models of FRIEDMAN, EINSTEIN, de SITTER etc.) (8,9)...

3. The Organization of the Works the Detector of A.E. Akimov

As follows from the above, all the premises are fulfilled for the development and experimentation with the means using the properties of the physical vacuum

and capabilities of the NC.

Such work should be expediently carried out according to the following project

Preparation of theoretical model and execution of calculations for the program-apparatus complex making possible the evaluation of spectrum and magnitude of the torsion component of the field of radiation of NC and formulate requirements for the apparatus part of the NC.

Preparation and manufacture of experimental models of NC for experiments

Execution of experimental research and tests of NC in order to learn the effects and register the fields of radiation of the NC. As a detector of torsion radiation of the NC use fully the rich experience and apparatus of A.E. Akimov (2) which is being produced by the number of enterprises in Russia and Ukraine (3)

The works should be expediently executed by the academic institutes and industrial enterprises.