

Tom Bearden on the Uses of Scalar Energy



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Introduction



I read Lt. Col. Tom Bearden's research voraciously from 2007-8 onwards. I couldn't get enough of it because, at that time, this was the first I'd heard of free energy from the void or vacuum or wherever it came from!

In fact it was the first I'd heard of any subject that completely requires new thinking - besides 9/11. Within another year, however, I'd heard of star nations, a global consciousness shift, an abundance program called NESARA, and much, much more. But Tom Bearden was one of my "doors in" to it all.

Col. Bearden was almost a lone voice in telling the secrets of scalar-wave technology at that time.

In the sixteen years since then, this technology has taken off - Energy Enhancement Systems being an example - and other technologies are on the horizon.

Tom's discussions may be deeper than many readers may wish to wade through. I intend this collection of articles to be read more by people in the field.

May Tom's contribution be given the recognition it deserves some day. Not because he'd demand it. He was a modest man. But because its significance in the history of a number of fields calls for it.

A megacollection of Tom's articles appears at the end of this volume.

Medical Uses of Scalar Energy

An Early Med Bed Suppressed

June 20, 2021

<https://goldenageofgaia.com/2021/06/20/an-early-med-bed-suppressed/>



One of Prioré's intermediate devices. This device cured terminal cancers and leukemias in thousands of laboratory animals. (Courtesy Bob Whitney)

From the 2012 Scenario, 2011.

Col. Tom Bearden is an unsung hero of the free-energy movement who will receive his due one day. He revealed the Soviet development of scalar weapons going back to the 1960s, the hidden agenda behind the Soviet push for disarmament (disarmament of nuclear weapons, that is; not of scalar weapons, which Americans did not even know existed), and a range of other applications of free-energy devices.

Here he discusses the application of scalar or "phase-conjugate" technology to the rapid cure of disease through machines developed by Antoine Prioré in France in the 1960s and 1970s.

Prioré was utterly defeated in his work by unknown forces. The world could have had medical technology in the late 20th Century that would cure diseases like AIDS, cancer, and leukemia effortlessly. Instead the technology was denied it, undoubtedly by those who profited from allopathic medicine. Thanks to Gabriele.

The Prioré Machine and Phase Conjugation

Tom Bearden, Tom Bearden Website, <https://www.cheniere.org/books/aids/Prioré.htm>

[A Non-Technical Description of the Prioré Process](#)

In the 1960's and 1970's, in France Antoine Prioré built and tested electromagnetic healing machines of startling effectiveness.

In hundreds and hundreds of rigorous tests with laboratory animals, Prioré's machine cured a wide variety of the most difficult kinds of terminal, fatal diseases known today.

Funded by the French government in the amount of several million dollars, *Prioré's machines concretely demonstrated a nearly 100% cure of all kinds of terminal cancers and leukemias, in thousands of rigorous laboratory tests with animals. These results were shown to medical scientists as early as 1960.*

Many of the experiments and tests were done by prestigious members of the French Academy of Sciences. Robert Courier, head of the Biology Section: and Secretaire Perpetuel, personally introduced Prioré's astounding results to the French Academy.

The operation of the Prioré machine was seemingly incomprehensible. Many orthodox French scientists—some of them world renowned—were outraged at the success of such a machine, shrilling that science had nothing to do with "black boxes."

They loudly called upon the inventor to explain the mechanism utilized by his machine, but the inventor either wouldn't or couldn't explain the curative mechanism.

Prioré certainly knew how to build the machine and make it work. It is debatable to this day whether anyone—Prioré included—actually understood its principle of operation.

Neither the French Academy nor Antoine Prioré knew anything of phase conjugation at the time.

In fact, the entire Western World knew nothing of phase conjugation in the 1960's when Prioré was getting his finest results. At that time, only the Soviets knew of time-reversed waves.

Certainly Prioré's machine was impressive.

Into a tube containing a plasma of mercury and neon gas, a pulsed 9.4 gigahertz wave modulated upon a carrier frequency of 17 megahertz was introduced. These waves were produced by radio emitters and magnetrons in the presence of a 1,000 gauss magnetic field. Experimental animals were exposed to this magnetic field during irradiation, and the mixture of waves (some 17 or so) coming from the plasma tube and modulating and riding the magnetic field passed through the animals' bodies.

Amongst other things, a plasma can convert a transverse wave to a longitudinal wave. Also, phase conjugate (time-reversed) waves can be produced by plasmas. Prioré's apparatus produced a scalar EM wave/signal with deliberately constructed, infolded components including phase conjugate waves.

One may roughly view a cancer cell as a normal human cell gone "awry" and out of control of the body's master cellular control system. The cancerous cells, viewed as a sort of separate, parasitic group of cells, form a special kind of organism having its own master cellular control system "level," immersed in the host's biopotential.*

*One strongly points out the relevance of Dr. Robert Becker's epochal experiments proving that cells can be dedifferentiated and redifferentiated electrically. Those experiments are strong indicators that the cancer cell should be capable of being reverted to its more primitive state—that of the normal cell—by electromagnetic means.

There is thus a specific, constant electromagnetic "delta" that differentiates the parasitic cancerous "organism" from the normal -human cellular organism.

This "delta" can be considered a sort of constant, complex-structured charge existing in the body's atomic nuclei. It's exactly as if the body biopotential had been charged up by Kaznacheyev's "death photons" for that specific cancer condition.

If this cancerous "delta" (which may be rather like a complex intermodulation mix of waves)—or a frequency shifted "transform" of it to a different frequency band—is phase conjugated, a specific healing delta frequency pattern results.

If phase conjugate replicas of a cancer's cell's specific "delta" frequencies are fed into the body having that cancer, the deviation of the cancer cell's master cellular control system will be "time reversed."

That will return the cancer cell to control of the animal's proper master cellular control system. The cancerous cell will be immediately destroyed, or reverted back to a normal cell of the animal.

A very similar process exists for just about every disease bacterium and infectious agent that attacks the body.

Phase Conjugates of 'Death Photons' are 'Healing Photons'

The Kaznacheyev experiments in the Soviet Union proved that any cellular death and disease pattern can be induced by a specific electromagnetic pattern carried on an electromagnetic signal, if the target cells are bombarded with the pattern-carrying carrier signals for a length of time. What was not published of Kaznacheyev's work was the correspondent work showing electromagnetic reversal of cellular death and disease conditions by irradiating the diseased cell cultures by phase conjugate replicas of the pattern-carrying induction signal.

In simplified terms, if an action in forward time induces a condition, then the time-reversal of that action will reverse the condition.

The concept is almost laughably simple. **The time-reversal of an electromagnetic disease process is a specific healing process for that disease.**

In his device, Prioré internally structured the carrier photons themselves—making them **vacuum engines**. He phase conjugated his vacuum engines, and then passed these time-reversed vacuum engines down and through a strong magnetic field which thoroughly penetrated all cells of the biological organism being treated.

The scalar components (structured photons) representing the time-reversal of the disease were absorbed and reradiated in all the cells, "charging up" the nuclei of the atoms in the organism to some potential level of the exact "healing and reversing pattern."

In the process, the cancer/leukemia pattern/charge also destroyed the cancer cells, or converted them back to normal cells as appropriate.

As a highly simplified analogy, the complex signal - viewed as a scalar Fourier expansion - represented a "stress" against any abnormal cellular control system encountered and returned it to the normal cell's master cellular control system of the body.

Encountering the normal control system in normal cells, it produced zero stress.

Encountering the abnormal control system in tumorous cells, it produced great stress on it, reverting it to the normal control system of the body's normal cells.

Thus to a normal cell the Prioré signal pattern acted somewhat as a comb passing through one's hair.

No interference occurred with the normal cell (one whose scalar control pattern is phase-locked to the body's master cellular control system and in phase with it).

The Prioré signal stimulated and "stroked" the normal cell, but did not hurt it at all.

On the other hand, the scalar control pattern in and of an abnormal (cancerous) cell is out of phase with the body's master cellular control system, and is not phase-locked to it.

Hence the Prioré signal caused direct interference with the abnormal cell's independent scalar control system. The interference pattern constituted the reconstruction of normal energy directly in the cancerous cell, and also jammed its abnormal scalar life signal.

This destroyed the cancerous cell by two mechanisms: (1) physical energy was kindled directly in the abnormal cell, causing direct mechanical damage, and (2) the cancerous cell, being an "independent living critter," had its scalar life channel (connecting its primitive "mind" to its "body") jammed and stopped.

If the cancerous cell was reverted to a normal cell by the Prioré stress before being destroyed, it became just a normal cell and the Prioré stress had no further effect upon it.

The Effect is Universally Applicable

Any disease with cellular, biochemical, or genetic basis can be cured in like fashion.

Prioré's method, for example, was clearly shown to be able to completely reverse clogging of the arteries with fatty deposits, and to be able to lower the cholesterol level to normal, even in the presence of an abnormally high cholesterol diet.

His method also showed complete mastery and cure of sleeping sickness and trypanosome-induced illnesses.

Often Prioré found that every cell of the body—even the hair— must be irradiated and treated ("charged up") with the signal, for the disease pattern was in every cell. The master cellular control system is holographic—the pattern (substructured potential with its dynamic, oscillating components) is in each component (each atomic nucleus, hence in each cell.)

Every structural level of the body larger than the cell also has its own correlated pattern, or modulation, on the overall.

A biological organism can regenerate lost limbs, for example, if it can utilize its natural recovery process in a Prioré manner.

Even though Prioré's work was presented to the French Academy of Sciences by Robert Courrier, the prestigious head of the Biology Section, the Academy could not understand the device and its functioning.

That was because the Academicians knew nothing of scalar electromagnetics, and phase conjugation, and the Prioré machine was a scalar electromagnetic device using phase conjugation.

In the Mid-70's It Ended

In 1974, a change of local government lost Prioré his government supporters. His support and funding were lost.

Ironically, Prioré was just completing a 4-stories-tall apparatus capable of radiating and treating entire human bodies. It would have been capable of curing cancer and leukemia in humans rather than just in laboratory rats. (His previous machines were much smaller, and only a small animal could be irradiated whole-body. In that machine Prioré used a "lamp," a special section, in which 17 specific frequencies were mixed and modulated upon the 9.4 gigahertz carrier.

[Graphic unavailable.]

**The large, special, phase-conjugating plasma tube for Prioré's giant device. The final machine would have treated humans "whole-body."
(Courtesy Bob Whitney)**

[Graphic unavailable.]

**Capping assembly for the top of Prioré's giant plasma tube device. The last device would have treated human patients "whole-body." The cap assembly was
on the third floor of the device.
(Courtesy Bob Whitney)**

The machine was large enough to irradiate humans over their whole body. **It should have been capable of curing cancer and leukemia in two five-minute irradiations, one week apart.**

While Prioré was still alive, with my associates I spent nearly two years of my life in an effort to bring the Prioré device to market and into the mainstream of medical research and development.

Robert Whitney, Frank Golden, and Tony Gideon played the major role, going to France and negotiating directly with the Prioré group and the French government.

Verbal agreements with both the Prioré group and with the French government were obtained. The machines were to be built, assembled, and tested in Bordeaux. Then they were to be dismantled and shipped to the purchasers—large medical research and development laboratories where they would be reassembled on site.

A group of wealthy backers was going to provide the necessary millions to fund the effort. Final contracts were being drawn.

Mysteriously, all funding for the project was suddenly withdrawn. Our backers were "leaned on" very hard and strongly threatened. Nothing we could do could revive the project.

Prioré never again recovered his funding, and later died. The machine fell into disarray and was disassembled.

However, the proof that the requisite time-reversed signal can be produced, and will ride down a magnetic field, to penetrate every cell and every atomic nucleus in the body, is already in the present hard-core physics literature, if one knows where to look and how to properly interpret the work.

The fact that such signals can reverse nearly every major cellular illness condition of the body also has been proven by Prioré and the scientists who worked with him, and it is in the French scientific literature.

The Prioré-type cure for AIDS and other diseases only requires the necessary funding and personnel to be redeveloped and reestablished.

[A Non-Technical Description of the Prioré Process](#)

Antoine Prioré's Remarkable EM Healing Machines: Invented and Suppressed

Historically, this site has not posted medical material because I personally don't possess the discernment needed to distinguish between the legitimate and helpful and the illegitimate and unhelpful.

I was attracted to Tom Bearden's discussions of the medical applications of free-energy or scalar electromagnetic devices created by Antoine Poiré around 2007-8. They're little known to today's readers.

This "post" is a shortened version of a "page" located here: <https://goldenageofgaia.com/accountability/big-pharma-and-pandemics/antoine-Prioré-remarkable-em-healing-machines-invented-and-suppressed/>



Antoine Prioré

In the 1960's and 1970's, in France, Antoine Prioré built and tested electromagnetic healing machines of startling effectiveness.

In hundreds and hundreds of strictly controlled tests with laboratory animals, Prioré's machine cured a wide variety of the most difficult kinds of terminal, fatal diseases known today.

Funded by millions of dollars, Prioré's machines concretely demonstrated a nearly 100% cure of all kinds of terminal cancers and leukemias, in thousands of rigorous

laboratory tests with animals. These results were shown to medical scientists as early as 1960.

Supporters and financiers of the Prioré machine included:

- The Prime Minister of France - Jacques Chaban-Delmas
- The World Health Organization.
- Robert Courier - permanent secretary of the French Academy of Sciences
- Professor Raymond Pautrizel - France's leading Professor of Immunology & Parasitology
- The D.G.R.S.T. - France's top government scientific agency, headed by an M.I.T. trained physicist
- Professor André Lwoff - the 1965 Nobel Prize winner for Medicine
- The French military
- Members of the Faculty of Medicine of the University of Bordeaux
- Cancerologists at the Villejuif Institute for Cancer Research

A Ph.D. was even awarded by the University of Bordeaux in 1984 for a thesis on the research (to Eric Perisse).

In 1974, a change of local government lost Prioré his government supporters, his support and funding were lost, and subsequent attempts to restore his technology into the public domain were viciously suppressed.

Tom Bearden comments:

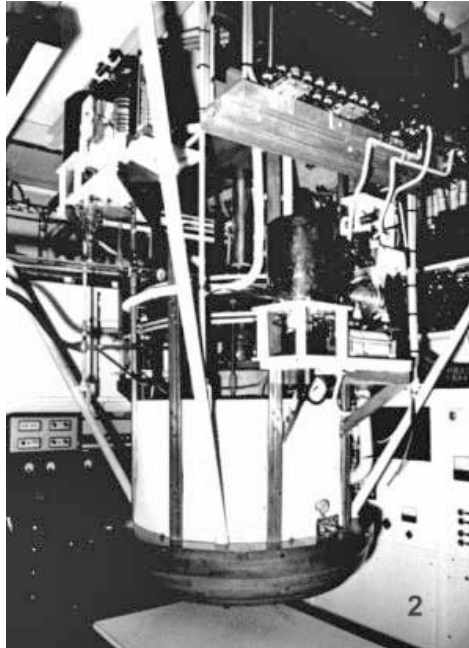
"It is my impression that the French Government did finally recognize how at least part of the Prioré process worked, and weaponized it as longitudinal EM wave interferometers. In fact every nuclear weapon on the planet, along with every nuclear powerplant, every nuclear propulsion system, etc. can be dudded in about 10 minutes by one class of these weapons."

Background of Antoine Prioré and L’Affaire Prioré

Tom Bearden 2001

<https://cheniere.org/Prioré/background.htm>

Compiled from information received from the late Christopher Bird



Prioré's first working machine

Dedication:

This short paper is dedicated to the memory of the late Chris Bird, a noted researcher, colleague, and stalwart friend who first acquainted me with the Prioré affair and with the remarkable results that were obtained by Prioré and his associates. Some months prior to his passing, Chris gave me most of his most important Prioré file, including the thesis submitted by Prioré to the University of Bordeaux (the actual document itself). We sorely miss his booming voice and ever cheerful encouragement.

We also express our deep thanks to my colleague Alain Beaulieu for translating the Prioré thesis and several other important French documents dealing with the Prioré affair.

We further reiterate our remembrances to Bob Whitney and Frank Golden, when we tried so hard to revive the Prioré machine and work while Prioré was still alive. For our efforts we were resoundingly suppressed. God willing, your efforts will yet prove to have been worthwhile.

At least we have finally deciphered the exact mechanism by which the Prioré machine was able to accomplish its astonishing cures. We shall continue striving to see that the Prioré work has not been in vain, and that at some point the scientific community accepts and uses the fact that Prioré had discovered how to time-reverse the treated diseased cells back to a previous healthy cell state.

Antoine Prioré was born in Italy. He graduated from a small provincial school for electricity in Trieste, Italy and became a radar technician and operator in the Italian Navy. By some manner he became a prisoner of the Germans (apparently after Italy left the war in WW II), and was moved as a forced laborer for the Nazi to the vicinity of the submarine base in Bordeaux, France.

When it became obvious the Germans were losing the war and were preparing to leave, Prioré realized he would be killed. He approached a French police agent to plead for his life. That police officer worked clandestinely for the French underground. He put Prioré in his car and drove him out of the base to safety. He took Prioré to the nearby province of Dordogne, and introduced him to the 7th Battalion of French underground resistance fighters. Prioré distinguished himself in military operations and was eventually decorated by the French Government.

Thankful to the French for saving his life, and loyal to his French companions-in-arms, Prioré decided after the war to live in Bordeaux. He was encouraged by his French resistance friends such as Jacques Chaban-Delmas who later rose to become the French Prime Minister.

For some time Prioré worked as an electrical repairman and did research on exposing plants, etc. to EM radiation.

Prioré was introduced to Francis Berlureau, former Director of Studies at the School for Veterinary Medicine in Toulouse, and director of the Bordeaux abattoir at the time. He worked together with Berlureau for some 10 years. He noticed effects on a cancerous bull's testicles, then began exposing various animals such as cats to the radiations of his early apparatus. The histological work was done by Professor Drieux at the famous Veterinarian School of Maisons-Allfort, near Paris. Drieux wrote a technical report proving that the cat's cancer, developing before treatment, was benign after treatment.

By 1953 Prioré began treating human patients whose cancers had been judged hopeless. Fournier maintained a huge file of such human cases, but the file later was mysteriously lost. Nonetheless, Prioré cured cases of a malignant form of Hodgkin's disease, a case of cancer of the larynx, etc.

Attempts to interest leading Bordeaux physicists and leading cancer experts in the results of the new approach were laughed off or dismissed with stony silence.

Prioré's response was to build a new and more complicated version of his treatment device. Secretly he treated dozens of hopeless cancer patients. At Prioré's funeral, a small platoon of mourners was composed of the now-older people who had been cured of their terrible afflictions by Prioré in the late 1950s.

He was introduced to Professor Tayeau, vice dean of Bordeaux's Medical Faculty, in latter 1959—early 1960. Prioré was sent to Biraben, head of the Faculty's Department of Pathological Anatomy, and his assistant, Delmon. To their utter surprise, grafted T-8 tumors in animals subsequently treated with Prioré's machine were reduced by 60%, a first in the history of cancerology.

The mayor of Bordeaux, who later became prime minister of France, was Jacques Chaban-Delmas. He was a fellow resistance fighter and very interested in Prioré's work. Chaban-Delmas invoked two commissions of Bordeaux and Parisian scientists to study the Biraben-Delmon results in detail. Both commissions rejected Prioré and his machine offhandedly.

Biraben and Delmon could not explain the nature of the radiations from Prioré's machine. A certain professor Lachapele on the first commission was ever an ardent foe of the Prioré method, dismissing the results offhand because the tumors were

grafted. His view prevailed. Neither of the commissions interviewed Prioré himself, nor did they run an experiment under their own control.

Biraben and Delmon continued their experiments, achieving unequivocal and complete success, but because of the political climate in the medical community, did not publish these outstanding results. Biraben, e.g., was told he could either get his degree or publish his research, but not both. Biraben and Delmon finally published a memoir in the *Revue of Comparative Pathology*. But a vicious campaign to destroy the Prioré work and suppress it was already underway.

Other persons involved with L'affair Prioré were: Professor Guerin, at the cancer institute at Villejuif (equivalent to the American National Cancer Institute in Bethesda, Maryland). Guerin was a co-discoverer of the T-8 tumor. Guerin assigned his colleague Marcel-René Riviére to delve into the entire question. Riviére confirmed the Biraben-Delmon findings. A note was sent for publication in the *Proceedings of the French Academy of Science*. Riviére also tested the Prioré Ray against other types of tumors, achieving spectacular results.

Robert Courrier, an eminent endocrinologist still in his 30s, a full professor, and *Secrétaire Perpétuel* to the Academy of Sciences and head of the biology section (and later to become President of the Academy of Medicine), took up the cudgel to interest high French scientists and scientific agencies. The CNRS director took offense because Prioré was essentially self-taught and not academically credentialed.

Others did not understand anything at all about the machine's operation. To Bordeaux, Courrier sent his trusted assistant Madame Colonge, to repeat Riviére's experiments under her personal supervision. A physicist sent to examine the machine could make "neither heads nor tails" of its operation. There is little wonder!

The Prioré machine involved a dramatic extension to present nonlinear phase conjugate optics (NLO) before NLO was even born! It also involved a dramatic extension to both U(1) electrodynamics and to general relativity. It is also little wonder that Prioré, who discovered the process by intuition and by trial and error, could not explain the operation of his own machine or the mechanism by means of which the cures were accomplished by the "ray" emitted by his device.

In fact, the best physicists in France could not comprehend or explain the mechanism whereby such spectacular results were produced by Prioré's machine when used to treat patients with non-ionizing EM radiation from it.

On May 1, 1965, Robert Courier formally presented the astounding Prioré results to the assembled French Academy of Science. He was met with stony silence. A leading cancer specialist even stalked out of the assembly hall in full view. No serious discussion among the scientists present at the meeting ever took place.

Controversy and research continued, in the midst of a raging controversy over "l'Affair Prioré".

Prioré's sister in Italy then came down with cancer. Prioré issued an ultimatum to his associates to build the bigger machine he needed, so that he could save his sister's life. Conventional engineers repeatedly changed Prioré's design, thinking many components unnecessary, etc. and causing machine failures. Prioré's sister died (mid-60s) before the machine could be finished because of these unnecessary setbacks. A grief-stricken Prioré went into isolation, unwilling to talk to anyone.

In early 1967, Professor Raymond Pautrizel entered the picture. At 40, Pautrizel was an eminent parasitologist, on the Faculty of Medicine at Bordeaux, and soon became known worldwide as the "father of parasitological immunity." Pautrizel was awarded the first academic chair in France for immunology, and later headed a special unit on parasitological immunology. [This subject is of particular significance to the study of AIDS, because it deals also with the continual adaptation and genetic change of the invading parasites and agents.]

Pautrizel specialized on a particularly lethal parasite, the trypanosome family (which causes sleeping sickness, equine syphilis, and other afflictions). Pautrizel was one of the first scientists to recognize and utilize ambivalence in biological drugs. Pautrizel also noticed that the Prioré ray was not killing the tumor cells, and therefore must be doing something else instead. Pautrizel personally persuaded the distraught Prioré to return to work.

From 1966 on, many papers were published on the results of applying the Prioré technique to various animals and diseases. The results continued to be revolutionary.

Another scientist-ally of Prioré's was Pierette Chateau-Reynaud Duprat. Over the years she worked with the Prioré method, showing that the Prioré ray had no direct effect on the trypanosomes themselves but stimulated and reinforced the defense mechanism of the infested organisms. [No one knew to investigate the regenerative system of the body, poorly understood and using the very kind of infolded EM extension to NLO that Prioré's ray used.]

The ray was shown to cause the rejection of both allografts and isografts, so that the machine affected not only the defense mechanisms of the organism but also the recognition system. The original P-1 (Prioré 1) machine affected cellular defense mechanisms. The second machine, P-2, seemed to act not on the cellular but on the humoral defense mechanisms.

Prioré himself also cured cases of malaria and also tuberculosis in humans, but apparently did not publish these results.

Biologist André Lwoff went from an ardent skeptic to an admirer and supporter of Prioré's work, because of the undisputed results. His favorable opinion of the Prioré results prevailed in a DRME report on the matter, which was classified for some years. A synthesis of the report was published in November 1979 by Herbert Gossot, Secretary General for the French Association for Bioelectromagnetism. Its title was, "A Scientific Balance Sheet on the Prioré Ray."

It reports that two physicists who studied the machine in detail favorably correlated the machine's ray to the results produced, and confirmed the biological efficacy of Prioré's device. The two physicists were named Bottreau and Berteau. In their note to L'Academie, they were not allowed to even use the names of the laboratories where they worked, which were (1) the CNRS Magnetic Laboratory at Bellevue near Paris, and (2) the Laboratory of Ultra-Hertzian Optics and Talence near Bordeaux.

Eventually the French Government backed the construction of a more powerful Prioré device. Professor Courier had also sent a report on Pautrizel's behalf to the Nobel Committee in 1979. The M-600 machine was built but its huge tube functioned only about a week before it exploded. Meanwhile Pautrizel, working with a smaller machine, verified the utility of the Prioré Ray on atherosclerosis.

Rebuilding the M-600 went slowly. The machine weighed some 50 tons and required 3-1/2 stories to contain it. The pyrex tube was 60 cm in diameter and 6 meters tall. It imploded twice and was replaced each time. The coil which generated the DC-pulsed magnetic field weighed 5.5 tons and had 11 miles of copper wire. During the week or 10 days that the machine was in operation, the results were formidable. The results were presented in notes to the Academy of Sciences by Pautrizel and his team in 1978.

Pautrizel then came under suppression himself, with funds being pulled, postings being denied, etc. Pautrizel eventually became so emotionally overwrought that he gave up his medical career and retired and gave himself over to alcohol. Every one of the collaborators of Pautrizel saw their careers put in jeopardy, compromised, or broken.

About this time Prioré's doctoral thesis, backed by both Pautrizel and Nobel Laureate André Lwoff himself, was summarily refused by the President of the University of Bordeaux.

In 1977 Professor Georges Dubourg urged Prioré to treat human cancer patients and jolt the medical establishment. Pautrizel contacted Courier, who gave the green light. A few terminal cancer patients whose immune defense systems had been disastrously weakened by chemotherapy or radiation or both, were treated. At least one was totally cured. The others lived, without pain, for much longer than predicted by standard prognosis. The results were submitted to the French Academy of Medicine for publication – and were rejected.

Pautrizel in final desperation turned to a journalist, Jean-Michel Graille, to tell the story. Graille researched for four years, publishing three long articles in Sud-Ouest France, and finally a book, *Dossier Prioré: Une Nouvelle Affaire Pasteur*. [The Prioré Dossier: A New Pasteur Affair?] De Noel, Paris, 1984. [in French].

From 1965 to 1980, the Prioré project spent about 20 million francs. Results were positively demonstrated, many of them sensational.

Prioré suffered a debilitating stroke or similar complication in 1981 and died in May 1983 after a lengthy debilitated period.

Admiral Pierre Emeury, conseiller scientifique de la présidence, discovered L’Affaire Prioré. His inquest led him to conclude that the Prioré discovery was the most important medical discovery of the entire century.

The suppression of such a revolutionary discovery, even though its technical methodology was not understood, remains one of the heinous examples of scientific dogma blocking highly innovative research and results. Untold millions of human lives would have been saved had science and government acted along scientific lines.

For References Related to Results Achieved by Antoine Prioré and Colleagues

- See page at <https://goldenageofgaia.com/accountability/big-pharma-and-pandemics/antoine-prioré-remarkable-em-healing-machines-invented-and-suppressed/>

Tom Bearden: Clean Electrical Energy from the Active Vacuum

September 12, 2012

<https://goldenageofgaia.com/2012/09/12/tom-bearden-clean-electrical-energy-from-the-active-vacuum/>



Tesla Statue in Niagara Falls

Clean Electrical Energy from the Active Vacuum

Tom Bearden, Jan. 2002

<https://cheniere.org/articles/clean%20electrical.htm>

A bit of "empty space" the size of a sugar cube contains enough "seething electromagnetic energy" to power all the electrical loads on earth for millions of years.

A System Continuously Extracting Energy from the Vacuum Can be Made for a Dollar

Nature readily provides bountiful sources of unending EM energy, free for the taking and using — anywhere, anytime. They are called "charges" and "dipoles" — and often, source charges and source dipoles. As an example, simply place an

electret or charged capacitor on a permanent magnet so that the electric field of the electret or capacitor and the magnetic field of the magnet are at right angles to each other.

That silly thing will sit there and pour out EM energy in all directions, at the speed of light, so long as you just leave it alone and do not destroy it. One year after you create it, its outpouring of energy will have reached a radius of one light year — out beyond the solar system — in all directions. It will have changed the energy density of that vast volume of surrounding space of one light-year radius. And it is still pouring out energy at the same rate, steadily changing the energy density of still more space.

Even the "conventional" electrodynamicists agree that a flow of EM energy is continuously emitted from that arrangement $\{[xx]\}$. However, the conventional electrodynamicists is resoundingly silent on where that steady outpouring of EM energy comes from and how it is input to the charge or dipole. There is no detectable input of EM energy to the charge or dipole, but there is a detectable and continuous output of energy from it.

Seemingly, every charge and dipole is creating energy out of nothing, which of course totally destroys the conservation of energy law if true $\{[xxi]\}$. Since classical electrodynamicists have not been able to solve it, their textbooks have remained very silent on this fundamental problem and its implications. By their resounding silence, classical electrodynamicists implicitly assume that every source charge and source dipole in the universe is a perpetual motion machine, freely and continuously creating energy out of nothing.

Either one rejects the energy conservation law entirely, or one explains the source charge problem. There is no middle position, because the source charge is real and it ubiquitously exists. And it ubiquitously pours out that energy.

So we point the finger right back at the self-appointed critics and ask in their own terminology, "Who are the real perpetual motion nuts here? You cannot logically consider and implicitly accept every charge and dipole as a perpetual motion machine, freely creating energy out of nothing at all, and then protest that there can be no such thing as a $COP > 1.0$ EM system!"

All the EM energy in any EM circuit or device comes from those same source charges and source dipoles. If one cannot explain where and how those charges obtain the energy to keep pouring it out, then one knows absolutely nothing about what truly powers every electrical circuit. Since the energy being received is nonobservable, it must be received in some peculiar and normally unusable form. The charges must then transduce the received energy into usable and observable form, and re-emit it in that new form, so that the circuit can catch some of it and be "energized".

The source charge problem focuses one's attention on the real problem. Either we must discard energy conservation altogether, or we must admit that every charge and dipole is already a COP>1.0 Maxwellian EM system, freely changing the form of some unusual received energy. It is continuously doing "free" work, since work is the changing of form of energy, and every charge and dipole is freely receiving virtual EM energy and changing its form to observable EM energy, continuously.

The quandary of the source charge and its continuous outpouring of real EM energy has been called "the most difficult problem in classical and quantum mechanics" {[xxii]}. Until 2000 there did not appear any classical solution to that long-vexing problem of the association of the fields and potentials — and their energy — reaching across all space, with the source charge that produces them. But the basis for the solution was already present in particle physics since the discovery of broken symmetry in 1957.

In 2000 the present author proposed a formal solution {[xxiii]} consistent with quantum field theory {[xxiv]}, particle physics {[xxv]}, quantum electrodynamics {[xxvi]}, and re-interpretation {12} of Whittaker's biwave decomposition of the scalar potential {[xxvii]}. We used the term "giant negentropy" since the charge and dipole continuously and freely absorb, cohere, organize, and re-emit energy from the vacuum.

Since every charge in every circuit is already continuously negentropic, then our building of entropic circuits using these negentropic charges must involve some characteristic of circuit design where we kill the negentropy. We will explain that aspect shortly.

Our universities should — but do not — focus on the main problem: How does one then intercept, divert, and collect some of that freely flowing EM energy so easily evoked by every charge and dipolarity, and use it to freely power loads, without disarranging and destroying the actual "power source"? No university seems to be working on that problem, nor is the Department of Energy, nor are any of the great national laboratories. Nor are any of the great scientific associations.

Yet that single problem is the only fundamental electrical power problem. All the rest of the "recognized power problems" are just so much psychological displacement activity so as not to have to disturb the comfortable Lorentz-regauged and crippled classical electrodynamics.

There is no problem at all in obtaining great rivers and gushers of EM energy from the ubiquitous vacuum — cheaply, easily and enduringly. Every charge and every dipole already does that. There is no problem in producing the free "electromagnetic energy winds" needed to power even the greatest loads, any place in the universe, any time.

Instead, the only problem is in building a proper "electrical windmill" to divert, collect, and use some energy from such a steady electrical wind — without destroying the broken symmetry source of the wind (the source dipole) — and using (dissipating) that collected energy to power our desired load.

All our present closed-current loop circuits are designed {[xxviii]} to use half their freely collected energy to destroy the source dipole (in the generator or battery). The other half of their collected energy is used to power the external circuit's losses and loads. So more of the freely collected EM energy is used to destroy the "wind" source than is used to power the load. We then have to continually input at least as much energy to restore the source (the dipole) as was used to destroy it.

So we must continually input more energy to restore the dipole — that the engineers unwittingly design and build the circuits to deliberately destroy — than the circuit provides to power the loads. All our engineers design and build electrical power systems that destroy their free electrical wind sources faster than they power their loads. Such inane power systems obviously provide COP

It is akin to building a magnificent but flawed sailboat, which — once it starts to move in the wind — rapidly and continually lowers its own sails faster than the

wind can propel the boat. To keep the boat going, one thus has to continually pay to keep raising the sails that the boat itself keeps lowering. Our electrical engineers and electrical power scientists are busily engaged in perpetuating an analogous electrical power technology, and our scientific community is busily assuring us that they are practicing "the most advanced electrical science".

We actually pay the power company to engage in a giant sumo wrestling match inside its generators, and deliberately lose.

The Modern Vacuum: Empty Space Has Unlimited EM Energy

"Vacuum" is what we usually think of as the empty space left after all the air is removed. However, in modern physics it is well-known that space is not such an "emptiness" at all. Instead, it is filled with energetic particles that appear and disappear with extraordinary speed. Hence "the vacuum" in physics is more like a seething cauldron, boiling fiercely {[xxix]}. The energy density of this boiling is so great that it literally boggles one's mind {[xxx]}.

A bit of "empty space" the size of a sugar cube contains enough "seething electromagnetic energy" to power all the electrical loads on earth for millions of years. Obviously, if we can extract just a tiny fraction of this energy in electromagnetic form, we can use it to power our loads for free or nearly so. We need only power the "gating" or "switching" of the flowing energy, and thus cause a great deal of work to be performed, even though we ourselves input little or no energy.

Can the EM Energy of the Vacuum be "Tapped" and Extracted for our Use?

It's widely believed that it is impractical to try to extract very much usable energy from the seething, highly energetic vacuum. Oh yes, the tiny little Lamb shift {[xxxi]} of the orbit of one electron in a certain atom is admittedly due to vacuum energy interaction. Well, although the Lamb shift is a very small effect of a single electron in a single atom, the energy density of that interaction is greater than the surface energy density of the sun {[xxxii]}!

And, oh yes, the Casimir effect {[xxxiii]} — a vacuum-induced attraction of two conducting plates when separated but close — also is due to vacuum energy interaction, but it too is a very small effect and not practical to consider {[xxxiv]}.

Then the assertion is often made — particularly by electrical power engineers, who normally are not well-acquainted with modern physics — that thermodynamics prohibits extracting and using vacuum energy. That is quite untrue, as we have explained, and as Cole and Puthoff have rigorously demonstrated {[xxxv]}. Thermodynamics does not explain how to do it practically, but it does permit it technically.

The principle of superposition of charge and the field effects of charges, ubiquitously assumed and verified in countless classical experiments, also tells us a magnificent thing: The source charge production of its associated fields and potentials is additive and coherent as the source charge is increased . Within reason, doubling or tripling the amount of energy-collecting and transducing charged particles (source charges) at a given point will give double or triple the resulting potentials and fields (gathered EM energy and local EM energy winds) produced by that source charge collection, and so on.

So the proven broken symmetry of opposite charge collections — such as on the ends of a dipole or dipolarity — need not be a small effect at all! We can use as many unit charges as we wish in each one of those "separated opposite charges" in a dipole, so long as we hold the charges apart with a proper restraining dielectric.

In a normal electrical circuit (as between the terminals of a generator or battery), we can have many positive and negative charges involved, so that the EM energy extracted from the vacuum can be very powerful. In other words, the dipole can readily be made essentially as powerful as we need for our usual specific purposes. We can easily produce a megawatt or even 1,000 megawatts of energy flow per second, by making a bigger dipole consisting of more separated charges.

All we have to do is pay to make the dipole once. Then leave it alone and do not allow it to be destroyed by the inane way that engineers normally build their circuits and power their loads.

The latter problem — which is the only real problem preventing the engineers from easily producing all the cheap, clean electrical power they wish, without burning fuel, consuming fuel rods, building pipelines, building dams, etc. — is not being furiously funded and worked on as a national Manhattan Project. Indeed, the very notion continues to be castigated and ridiculed by the "defenders of the faith". And

that is perhaps the greatest scientific travesty of our times. It simply reveals the "soft underbelly" of our present energy science, which does not even include what powers its circuits.

Can an Electrical Power System Output More Energy than We Input to It?

Hopefully, by now the reader will exclaim, "Of course! Just pay to make a source dipole." Prepare a suitable interception and collection external circuit which will dissipate its collected energy in a load, without destroying the source dipole faster than it powers the load. That's all there is to it. The only remaining problem is in that single phrase, "without destroying the source dipole faster than it powers the load".

Since that is the problem and the only problem preventing a total solution to the energy crisis forever, every university, every power company, the National Science Foundation, the National Academy of Sciences, the Department of Energy, and every major research lab should be working on it. But of course none of them is working on it, interested in it, or funding it.

The problem calls for "out-of-the-box thinking", to use a prevailing buzzword.. Simply consider a charged capacitor or a permanent magnet. That beast is freely extracting and pouring out real EM energy, from the active vacuum, continuously. So how do we intercept some of the energy flow, convert the intercepted energy to, say, oscillating EM energy, and then use that energy to power a load — all without destroying the magnet or killing the charge in the capacitor?

This is the problem, and work on it by our sharp young graduate students and post-docs is something which the National Science Foundation and the National Academy of Sciences should fund as the highest priority. They do not even recognize the fundamental problem, much less fund work on it.

These agencies' lack of recognition of this, the primary electrical energy problem, is a sad commentary on our present scientific acumen.

Why Don't Present EM Systems Power Themselves?

By now the reader hopefully will be able to see that our systems don't power themselves because our engineers specifically design them so they cannot. The

mindset of the scientists and engineers themselves is the greatest foe to cheap clean electrical energy, a clean biosphere and a decentralized power system using no fuel. The closed current loop circuit for power systems is considered to be hallowed, as if Moses had brought it down from the mountain with him, carved on those stone tablets. It isn't and he didn't.

To quote Nikola Tesla, who made practical generators and motors possible with his discovery of the rotating magnetic field: "Today's scientists have substituted mathematics for experiments and they wander off through equation after equation and eventually build a structure which has no relation to reality."

Understand, a good model is essential to technology. But if the model is inadequate, then it should either be corrected or a new model should be substituted that is adequate. However, our electrical power engineers and most of the scientific community have developed a mindset where the closed current loop circuit, Lorentz symmetrical regauging and COP

We should always remember one succinct statement by Evans [\[xxxvi\]](#): "No theory can falsify a successful and repeatable experiment, but a single successful and repeatable experiment can falsify any theory."

We borrow a quote from Tesla on another subject [\[xxxvii\]](#) and hope that it comes true with respect to the present dogma that only COP<1.0 electrical power systems are possible: "... *in a short time it will be recognized as one of the most remarkable and inexplicable aberrations of the scientific mind which has ever been recorded in history.*"

Footnotes

[\[xx\]](#). As an example, quoting Jed Z. Buchwald, From Maxwell to Microphysics, University of Chicago Press, Chicago and London, 1985, p. 44: "[Poynting's result] implies that a charged capacitor in a constant magnetic field which is not parallel to the electric field is the seat of energy flows even though all macroscopic phenomena are static."

[\[xxi\]](#). The key is in that word "detectable" — or as the physicist would say, "observable". The experiment rigorously demonstrates that, if the law of energy conservation is valid, then the charge and the dipole must be continuously

receiving energy (from its external environment) in nonobservable (virtual) form and integrating it into observable form. And so it is, as has been known in particle physics for 45 years. In the case of the dipole, it is due to the known broken symmetry of the opposite charges comprising the dipole. In the case of the charge, when one accounts for the clustering virtual charges (from quantum electrodynamics), then the charge is actually a set of composite dipoles, each exhibiting the required broken symmetry. Hence charges and dipoles freely absorb (receive) virtual photon energy from the seething vacuum (particle physics proves this), integrating the absorbed "disintegrated" energy into observable form, and re-emitting real, observable EM energy in all directions, continuously. That this has not yet appeared in the electrical engineering model is strictly the fault of the leaders of the scientific community who have not enforced its inclusion. Consequently, the electrical engineers do not even understand what powers an EM circuit or system. It is energy from the vacuum, extracted and integrated by the source charge and the source dipole.

[xxii]. E.g., see D. K. Sen, Fields and/or Particles, Academic Press, London and New York, 1968, p. viii.

[xxiii]. T. E. Bearden, "Giant Negentropy from the Common Dipole," Proceedings of Congress 2000, St. Petersburg, Russia, Vol. 1, July 2000, p. 86-98. Also published in Journal of New Energy, 5(1), Summer 2000, p. 11-23. Also carried on www.cheniere.org and the DoE restricted website <https://www.ott.doe.gov/electromagnetic/>.

[xxiv]. F. Mandl and G. Shaw, Quantum Field Theory, Wiley, 1984, Chapter 5.

[xxv]. With the broken symmetry of unlike charges and with the Nobel Prize awarded to Lee and Yang in 1957.

[xxvi]. With the fact that virtual charges of opposite charges cluster around an "isolated" observable charge. One differential piece of the observable charge and one clustering virtual charge of opposite sign comprise a composite dipole. The "isolated source charge" may thus be treated as a set of composite dipoles. The broken symmetry of opposite charges solves the problem for any dipole, and thus for the "isolated" charge as a set of composite dipoles.

[\[xxvii\]](#). E. T. Whittaker, “On the Partial Differential Equations of Mathematical Physics,” Mathematische Annalen, Vol. 57, 1903, p. 333-355.

Tom Bearden on Free Energy

June 14, 2010

<https://goldenageofgaia.com/2010/06/14/tom-bearden-on-free-energy/>



The world does not need oil. Technology exists to derive free, zero-point, or scalar energy from the vacuum.

However, classical electromagnetics does not recognize the vacuum as being full of energy; instead it sees it as empty.

Lt. Col. (Ret.) Tom Bearden, Ph.D., U.S. Army, spent his lifetime trying to convince modern science that the vacuum is not an emptiness, but a plenum.

Tom was born Dec. 17, 1930 and raised at Cheniere, LA. He worked as a nuclear engineer.

He describes himself as a theoretical conceptualist active in the study of scalar electromagnetics, advanced electrodynamics, unified field theory, energetics weapons and phenomena, free energy systems, electromagnetic healing via the unified field action of extended Sachs-Evans electrodynamics, and human development.

What's at stake for Tom is weaning the world from its dependence on oil by replacing it with free energy and ending pollution, wastefulness, and want.

Also at stake is a new approach to medicine that can cure diseases resistant to all current approaches and stop the spread of pandemics.

What stops the development of free-energy devices is a small corporate and military cabal that has withheld free-energy technology since the 1950s.

Here are some incredibly-perceptive insights and predictions from Tom that demonstrate that we do not need oil.



BP Oil Rig

"If development funding for energy from the vacuum was made available this [BP oil spill] would be a thing of the past." (1)

"God willing, this paper will trigger a thousand, or even ten thousand, scientists and engineers to develop [free] energy devices. If so, shortly, we can rid our biosphere of noxious automobile and factory exhausts, radioactive nuclear wastes, and massive oil spills.

"We can remove many of the hydrocarbon combustion pollutants from the air, stop acid rain and the destruction of our forests, and stop the steady rise of carbon monoxide in our air. If that truly tends toward a 'Greenhouse' effect, then we can halt that effect as well.

"The Creator has always given us bountiful free electrical energy, everywhere, easily and readily for the simple taking. It has only been our own blindness and folly that have prevented us from seeing and using this free energy bounty." (2)

"Our scientific community is largely completely ignoring a far more fundamental electrodynamics than it knows and teaches. Hey, that keeps the power meter on your house, keeps the gas pump meter on the gas pump, and keeps burning all those hydrocarbons and consuming nuclear fuel rods to make electricity laboriously, dirtily, and hostilely to the entire planet.

"And that continues to enrich the loose bunch of cartels that profit so handsomely from the world energy situation as it is. And the other cartels that continue to profit from our kindergarten medical science as it is. The cartels extract about a trillion dollars a year from the energy business alone, and probably more than that from the big pharmaceuticals and medical therapies worldwide.

"There are many ways to extract energy from the seething vacuum. Unfortunately, at present our scientific community takes a bizarre stance. In particle physics it is well known that the active vacuum is incredibly energetic. Calculations by leading physicists such as Wheeler show that a cubic centimeter of vacuum (about the tip of one's little finger in volume) has so much raw energy in it that, if condensed into matter, there would be more matter than is observable in the universe through the largest telescope! So even a tiny efficiency of tapping could and will extract all the energy anyone could wish." (3)

"It has been known for decades in particle physics that there exists no equilibrium in mass systems, unless the interaction of the vacuum with the masses is included. ... That this known total glitch in modern EM theory has not been previously corrected, when the particle physicists of every university physics department of note already know it is necessary, is inexplicable!

"Here we must regretfully point our finger at our orthodox scientific establishment, and particularly at our National Science Foundation and our National Academy of

Science. These institutions are not even working on, nor are they aware of, nor do they even care about, the most fundamental science problems of our time.

"Bigger accelerators, yes. Windmills, yes. ... The greatest of all electrodynamics —the infolded longitudinal EM wave dynamics inside all EM fields, potentials, and waves—no. The correction of the dozens of major flaws and *non sequiturs* in classical electromagnetics, no.

"The understanding of the longitudinal EM wave interferometer weapons and quantum potential weapons already arrayed against us, no. The development of EM healing based on the Prioré [medical] approach, which would totally revolutionize medical therapy and handle attacks on our cities by weapons of mass destruction, no." (4)



There is enough energy inside the space in this empty cup to boil all the oceans of the world. This is a fact well known to physicists.

"There need be no huge oil tanker spills, for there need be no huge oil tankers. There need be no worrisome radioactive wastes from nuclear power plants, or abandoned hazardous nuclear plants when their life is finished, because there need be no nuclear power plants. There need be no noxious exhausts from jet airplanes (which are really what is diminishing the ozone layer and punching holes in it), automobiles, trucks, buses, innumerable coal-fired and oil-fired power plants, etc." (5)

"The temporary 'solution' (once the present energy system effectively crashes and the economy is grievously damaged) is likely to be a rising torrent of 'Hey, let's

turn coal loose!' because the U.S. has lots of coal. There will also be a tirade of 'Let's turn the nuclear powerplants loose again!'

"With enough economic disaster, Congress will rush through a bill or a series of bills removing the limits on coal because of its 'dirty combustion', and going after nuclear powerplants again. It will mean sacrificing the biosphere even further, but that will gain a few years, maybe.

"For a preview of the expanded hydrocarbon usage, just look at China and how dirty it has become in its cities, etc. where the people are acquiring small transport, etc. And they're burning things 'dirty'. The 'brown cloud from Asia' is likely to become a rather permanent fixture. ...

"We are doing what we can, and we will continue without letup. I have a very simple philosophy, rather like the old general [Allenby] in the movie, *Lawrence of Arabia*. At his staff briefing, looking at the map of the situation and array of forces, he struck the blackboard/map with his fist and exclaimed to his Artillery General: 'Pound them, Charlie! Pound them!' So pound them we are, and pound them we will. After all, I'm an old artilleryman!" (6)

"If the real energy research job is to be done at all and if the nation is to be saved and survive at all, it would seem that it must be done by the private sector. By private individuals. By private 'patrons' who fund the real work ongoing by a very few researchers, against very large odds.

"It must be done and done very rapidly by a relatively few individuals, with some foresight and with an intense amount of very hard work. Otherwise, it will simply not be done and we will all discover the full horrors of the Armageddon that has been prepared for us. Otherwise, we will not see 2010 before the guillotine falls, and most of civilization lies in ruins, as will much of the biosphere itself." (7)

We are in 2010 and the guillotine is falling.

We do not need oil. Let's end the withholding of free-energy tech.

Footnotes

(1) Tom Bearden at <https://www.cheniere.org/index.html>.

(2) Tom Bearden, *The Final Secret of Free Energy*. Huntsville, AL, 1993, at <https://www.cheniere.org/techpapers/Final%20Secret%209%20Feb%201993/indexold.html>.

(3) Letter from Tom Bearden to MM, Mar. 5, 2004, at <https://www.cheniere.org/correspondence/030504.htm>.

(4) Bearden, *The Final Secret of Free Energy*, *ibid.*

(5) *Loc. cit.*

(6) Letter from Tom Bearden to Ray, Aug. 23, 2003, at <https://www.cheniere.org/correspondence/082403.htm>.

(7) Letter from Tom Bearden to Tony Craddock, Nov. 4. 2000, at <https://www.cheniere.org/correspondence/110400.htm>.

Col. Tom Bearden: Pulling Energy from the Vacuum

April 4, 2023



[[https:// www.youtube.com/watch?v=aQpH1-WnIYM&ab_channel=AboveunityandhyiqResearchChannel](https://www.youtube.com/watch?v=aQpH1-WnIYM&ab_channel=AboveunityandhyiqResearchChannel)]

This interview follows on from Steven Greer's Disclosure Project panel presentations at the Washington Press Club in 2001.

Here Lt. Col. Tom Bearden makes an impassioned plea for us to get off oil and onto free energy.

An insanely small amount of free energy could power the whole world - obviously for free. I can't remember if it's a teaspoon full or a coffee cup full - does it matter?

Bill Morgan: The Brave New World of Scalar Electromagnetics

May 5, 2010

<https://goldenageofgaia.com/2010/05/05/bill-morgan-the-brave-new-world-of-scalar-electromagnetics/>

Bill Morgan has done a lot of the work I'd need to do to look at the whole subject of scalar electromagnetics and its implications for all of us. There's no sense reinventing the wheel. I'll post his exceptionally informative article, written a few years ago.

It comes in a few pieces and is quite long, but it's more than a little useful to read for the light it sheds on zero-point energy, free-energy devices, scalar weaponry, and many other subjects that are assuming significance in our life as we approach the time of the revelation of new technologies.

Here is his introduction. I've made a seven-part series out of his material.

Scalar Wars

The Brave New World of Scalar Electromagnetics

by Bill Morgan

Tom Bearden

For the past six months I have been undergoing the greatest paradigm shift I have ever had to go through. It has rattled my nerves and shaken my bones. This intense adjustment of my "world" has come about by studying the information given by Col. Tom Bearden at his website Cheniere. The new knowledge there has necessitated a total revision of my ideas about physical reality, the world we live in, and the future of humanity.

This paradigm shifting even actually made me dizzy on certain days as I tried to absorb and digest Bearden's vast amount of information. I am not a scientist at all, just a layman, and I have little comprehension of the math and high physics of this new science called "Scalar Electromagnetics." But there is a great deal of information at Cheniere which needs to become common knowledge as fast as possible, for the sake of the survival of life on earth.

To that end I have put together this small primer of Bearden's ideas, as a kind of "beginner's guide" to his website. (I have tried to underline certain words and phrases which are part of the new "jargon" of talking about these "new" phenomena. Also I have taken the liberty of bolding certain words and phrases to help them stick in the mind).

(Note: Throughout "EM" means "electromagnetic," and "LW" means "longitudinal wave")

[Not all Morgan's articles have been included in this book.]

Bill Morgan: Tapping the Waves

May 5, 2010

<https://goldenageofgaia.com/2010/05/05/bill-morgan-tapping-the-waves/>

Tapping the waves

Endless free energy, Tesla's radiant energy, the dipole as the gateway to the energy of the void, MEG in one year, Bedini, Yakuza, etc. End of Oil, geopolitical chaos, rogue groups

Move Over G.E. & Big Oil, Energy is Everywhere!

Third-world nations set to rise

"Certain powerful interests did not wish the extended electromagnetics to be discovered or taught. That, after all, would lead to free energy and loss of economic control of the citizens. That was precisely why Nikola Tesla had already been suppressed ... Today it is still being suppressed by the orthodox establishment."

<https://www.cheniere.org/books/ferdelance/s25.htm>

The vast seething ocean of energy of the vacuum, the longitudinal scalar EM waves of the time domain, can now be tapped and "transduced" into ordinary (transverse) EM energy in our 3-Space world. The process can be compared to putting a paddlewheel into a river. The energy acquired is free, since the river is there flowing whether we tap it or not. And it is a mighty river, and is not diminished by our paddlewheel.

This means that a permanent solution to the "energy crisis" is at hand, if only those who hold it so secret would give it up to humankind.

It means our species' insane use of oil is no longer necessary. We can make automobiles that need no fuel at all. We can build motors that power themselves. It means that unlimited electrical power can be available for free anywhere in the world. Every house and even shack can have its own power supply.

Of course there is the cost of the equipment at first, but the energy flow is free for the presumably very long life (no moving parts) of the generator. It will probably take decades to shift over to scalar power.

But the ability to tap the scalar (longitudinal) EM waves of the vacuum (which exists everywhere) also means that unbelievably powerful weapons can be, and already have been developed. In fact these weapons are so dangerous that the fear engendered becomes a psychological obstacle to the grasping of the facts.

I struggled with this myself for months, and even though Tom Bearden had completely convinced me already, it is hard to accept the fact that for everyone on earth the "worst that might happen" has suddenly gotten much worse. It takes time to deal with that, to realize it and get over it.

Indeed, the possibilities of these new weapons, which are tapping the huge energies of time, are so terrifying it is natural for the mind to simply say: "I don't want to hear about that."

And the government, likewise, pretends these weapons do not exist and tries to keep it secret from the people. Because most people would indeed be truly alarmed to know the actual situation. Col. Tom Bearden has decided that the people need to know the truth anyway. As a People on a Planet we must face this now, and ban the use of scalar weapons in war or in mass mind control. The current deployment of these weapons is a world emergency which we must all face.

The physics and mathematics of the longitudinal waves and the time domain are clearly beyond the layman, but I recommend scanning through them anyway just to get a sense of the wonder and the elegance of it all and some of the exotic terms which are used. Two of the most important papers by Col. Bearden are:

[**Giant Negentropy from the Common Dipole**](#)

[***The Final Secret of Free Energy***](#)

Despite the complexity of the science involved, Bearden sums up the essential secret of it all in a few words.

"There is no problem at all in extracting all the energy one wishes from the active vacuum, anywhere in the universe, at any time. Just make a dipole.

"The problem is in (1) catching some of that freely gushing EM energy in a circuit containing a load, and (2) dissipating the caught and collected EM energy in that load to power it, without using half the caught energy to destroy the source dipole's).

"That is the ONLY real energy problem on the planet, and always has been."

<https://www.chenierye.org/correspondence/022502.htm>

A dipole could be a battery, which is polarized into negative and positive. Or the terminals of a generator. Or any magnet with its two poles. Or an atom with its positive and negative charges. Or the earth's magnetic field, the sun, and all heavenly bodies. Even a galaxy must be some kind of mega-dipole. Wherever there is a dipole there is already immense scalar EM energy ushering out of and back into the vacuum. And there have already been demonstrated a number of [diverse methods](#) for tapping that energy as it flows. ([John Bedini](#), [Edwin Gray](#), [Bruce de Palma](#), and others). Bearden provides what he calls a "[partial list](#)" on his website.

"In other words, nature then gladly gives us as much EM energy flow as we need, indefinitely — just for paying a tiny little bit initially to 'make the little dipole.' After that, we never have to pay anything again, and nature will happily keep on pouring out that 3-flow of EM energy for us. This is the giant negentropy mechanism I uncovered, performed in the simplest way imaginable: just make an ordinary little dipole."

Bearden <https://www.chenierye.org/techpapers/Unnecessary%20Energy%20Crisis.doc>

[**Click here for a current status history of the MEG from Tom Bearden**](#)

How to Buy a Free Energy Machine

Answer: Just wait one more year! 2003. Then get off the Grid!

[note 2006: The above line was unfortunately naive and overly optimistic! - author]

Perhaps the most eagerly awaited event now is the marketing of Bearden's Motionless Electromagnetic Generator (MEG) scheduled to begin in about a year's time. This is when the proof will hit the fan. Many people have said to me, when

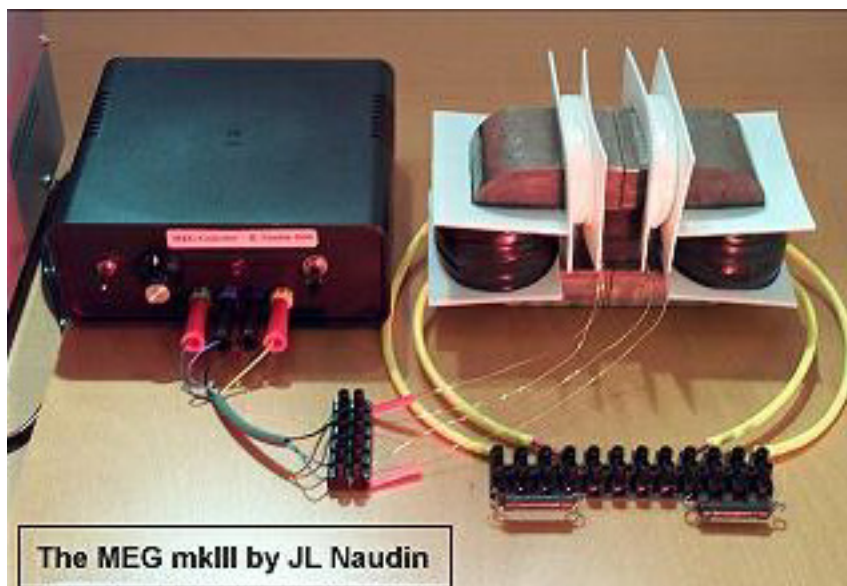
talking about free energy, "I'll believe it when I can go to the store and buy one." Hopefully in a year's time they will be able to order their own MEG. And then they will believe, because it works and is working.

Says Bearden:

"I will admit that the chief scientist of an important experimental group in a large company was rather stunned at the type of output we were able to obtain. The MEG may look like just a transformer, but it is not. It is a completely different breed of cat." (Bearden : <https://www.cheniere.org/correspondence/011202.htm>)

Soon the cat will be fully out of the bag. The first MEG units will supply 2.5 kilowatts of free electricity. Forever. Units can be connected together to double or triple the wattage. After that gets going, 10 kilowatt generators are planned. Energy will flow freely from the time domain indefinitely, and there are no moving parts to wear out. This manufacturing project is a heroic effort and will change the world as we know it. For once people are in possession of such devices there can be no further denial from anyone, including the government and/or "secret-government."

The Motionless Electromagnetic Generator



(Successfully replicated here by J. L. Naudin)

The physics of how the MEG works is explained in the [paper](#) "The Motionless Electromagnetic Generator: Extracting Energy from a Permanent Magnet with Energy Replenishment from the Active Vacuum."

The device was successfully replicated by [J.L. Naudin](#) in France, and others, like [Steve Utne](#), are also working on their own models. But Magnetic Energy Limited's MEG is actually scheduled for production soon and looks to be the first commercially available free-energy generator in history!

I imagine it will not take long for tinkerers to put them into their electric cars and make the first fuelless automobiles since Tesla's unheralded (and unheeded) experiments. Or for builders to begin building houses powered by MEG's. Houses which will never see electric bills. How can they ever make enough of these to meet the demand that will suddenly be there? Bearden is right, it needs to be an all-out crash program of the government on the order of the Manhattan Project.

I must include here that Bearden is quick to point out that he is not himself the inventor of the MEG, but is a partner and advisor in bringing it to the public market through Magnetic Energy Limited, Inc. I must also admit that I am praying for the success of this venture, and the ending of the absurd and criminal withholding of this technology from the people by the black-ops military-industrial people. This secrecy has cost the planet over 30 years of unnecessary pollution.

The first units off the assembly line, which is being set up in a "friendly" unnamed nation, will usher the public at last into the new era of scalar electromagnetics.

As of December, 2001, the situation with the MEG was described by Bearden in a letter.

"What we presently have with the MEG is a successful laboratory experiment. At least a year's very hard research will have to be done before we will be ready to put a commercial power supply into production.

"Consequently, we have made an agreement with a foreign partner (the National Materials Science Lab of the National Academy of Sciences of a friendly foreign nation) to do that year's research. At the same time, we are trying to make an agreement with one or more large financial partners here in the U.S." Bearden.

<https://www.cheniere.org/correspondence/121901.htm>

"So we are hopeful that we will be able to start introducing units on the market about a year from now. Quite simply, we will either succeed or we will fail. But we will give it our very best effort." Bearden

<https://www.cheniere.org/correspondence/012202a.htm>

Update : [Motionless Electromagnetic Generator patented, 3-26-2002](#)

[Click here to read the patent](#)

Bearden has given another technical explanation of how the MEG works [here](#) in a letter.

Motionless Electromagnetic Generator patented, 3-26-2002

Click to read the patent

"In Magnetic Energy Limited, all business discussions and arrangements are taken care of by Dr. Lee Kenny, Managing Partner. There are five of us who are co-inventors of the MEG, and two of the others are really the principal inventors." Bearden

<https://www.cheniere.org/megstatus.htm>

Free Energy has been Suppressed

Secret Government Aware of Free Energy

"In this world of contemporary times, all the agencies, CIA, FBI, KGB, NSA, Electric Power Research Institute, DARPA, Brookings Institution, Henry Kissinger, Edward Teller, et al., all are aware of [free-energy researcher Bruce] De Palma and his ideas.

"Because these individuals and institutions are employed by the ruling elite to forecast the future and satisfy present needs and demands, it is clear that free energy is a threat to the world order constructed by business and the mindset of those who want to own the world.

"Free energy represents Man's aspirations and dreams of freedom and equality, uniform division of resources and the ability to choose one's own future.

"The fact that free energy is suppressed speaks to the greed and self-interest of a ruling elite which, even in the face of an emergency of global starvation, resource depletion and environmental pollution, will not give one inch if it means loss of control. This is an attitude of paranoid delusion and fantasy which can only arise from the alienation of a class of elitists who, through their money, are completely insulated from the reality of the day to day fight for existence of the common man."

<https://depalma.pair.com/Absurdity/Absurdity07/ProblemOfFreeEnergy.html>

"Before the turn of the century, Nikola Tesla had discovered and was utilizing a new type of electric wave. Tesla repeatedly stated his waves were non-Hertzian, and his wireless transmissions did not fall off as the square of the distance. His discovery was apparently so fundamental (and his intent to provide free energy to all humankind was so clear) that it was responsible for the withdrawal of his financial backing, his deliberate isolation, and the gradual removal of his name from the history books."

Bearden <https://www.cheniery.org/books/part1/starting%20pages.htm>

Bearden describes [one clear case](#) of suppression when the Yakuza killed the Kawai engine in his very presence in Huntsville, Alabama.

"That night a jet arrived from Los Angeles, with a Yakuza on board. The next morning Kawai no longer controlled his company, his invention, or his own fate. The Kawai party was in fear and trembling. The Yakuza coldly dissolved the agreement, they packed up the two Kawai engines we had, and left. And that was that."

So it is not only governments who are keeping this revolutionary technology from seeing the light of day. The Yakuza? KGB? The Aum Shinrikyo cult? Our "leaders" need to be honest about what is going on, otherwise they look foolish, acting out a kind of "Alice In Wonderland" script before the public, a script that has become completely unbelievable.

Concerning the criminal withholding of this scalar technology by the military black-budget people, and the cover-up of the actual situation regarding scalar weapons throughout the world, Tom has this to say:

"The high government officials of the United States of America grossly violated our constitution and their sworn oaths of office. Our constitution specifically charges the government of the United States to defend the people of the United States. That means our officials are specifically charged with defending our people. Yet they deliberately agreed not to do so, and they deliberately sacrificed us in advance.

"They committed treason of the highest kind, by deliberately surrendering us to total destruction anytime the big balloon goes up." Bearden

<https://www.cheniere.org/books/ferdelance/s75.htm>

Energy Crisis Solved

One of the "must read" documents at Cheniere is "[The Unnecessary Energy Crisis: How to Solve It Quickly](#)." especially since the "oil wars," which Bearden has foreseen for decades, have now already begun.

Here are some clips from that [The Unnecessary Energy Crisis: How to Solve It Quickly](#):

"To avoid the impending collapse of the world economy and/or the destruction of civilization and the biosphere, we must quickly replace much of the 'electrical energy from oil' heart of the crisis at great speed, and simultaneously replace a significant part of the 'transportation using oil products' factor also.

"The technical basis for that solution and part of the prototype technology required, are now at hand. We discuss that solution in this paper."

And although the solution to the energy problem and the oil wars may be at hand, Bearden suggests there is still an urgent rush that needs to be made to save human civilization from collapse.

"Once the technology hardware solutions are ready for mass production, even with a massive worldwide deployment effort some five years are required to deploy the new systems sufficiently to contain the problem of world economic collapse. This means that, by the end of 2003, those hardware technology solutions must have been completed, and the production replacement power systems must be ready to roll off the assembly lines en masse.

"The 2003 date appears to be the critical "point of no return" for the survival of civilization as we have known it.

"Reaching that point, say, in 2005 will not solve the crisis in time, and the collapse of the world economy as well as the destruction of civilization and the biosphere will still almost certainly occur, even with the solutions in hand."

"The good news is that we now know how to easily initiate continuous and powerful 'electromagnetic winds' from the vacuum at will. Once initiated, each free EM energy wind flows continuously so long as the simple initiator is not deliberately destroyed."

On page 9 he explains the concept of the dipole, and how there is already huge scalar energy flowing in the time domain around any dipole. Hold a magnet or a battery in your hand and you hold a stress in time and a beautiful flowing loop of longitudinal waves!

Bearden decries the scientific community in the West for being unable to let go of their dogma long enough to see that the greatest discovery in human history lies at their feet, but for their stubborn ignorance.

"The present energy crisis then is due totally to that "conspiracy of ignorance" we referred to, that is maintained by the scientific community, and that has been maintained by it for more than 100 years.

"This is the real situation that the environmentalists must become aware of, if they are to see the correct path into which their energies and efforts should be directed — to solve both the energy crisis and the problem of gigantic pollution of the biosphere.

"As far as anyone in the legislative branch of government ever understanding the profundity of the discovery and engineering of scalar waves, Tom Bearden says they are at a great disadvantage in doing so.

"The nontechnical person — e.g., a Senator or a Congressperson — is operating under a distinct disadvantage. If he or she takes the stance that much better electrical power systems can readily be achieved, he or she is in fact opposing almost the entire set of University, Government Technical, Power Company,

Battery Company, and Organized Science communities. Further, in most cases his technical advisors are themselves from one or the other of those communities, and likely to go back into that community or those communities when the Senator or Congressperson leaves office, or even before. So the Congress and the non-technical government community at large operate at a great disadvantage...Bearden

National Emergency Declaration is Needed

"The Government Non-Technical community (the Senate and the Congress, in particular) are in far better shape than the Government Technical community, to appreciate the world implications of the pending economic disaster. I am hopeful that both the environmentalists and the Government Non-Technical community will rapidly unite in a common goal to get this vacuum energy program launched, under a National Emergency declaration. If so, then they can solve the energy crisis and the pending economic crisis, in fairly short order, and permanently."

[unnecessary energy crisis.htm#congress disadvantage](#)

In the conclusion of his paper [The Unnecessary Energy Crisis: How to Solve It Quickly](#) Bearden again states the urgency of replacing our centralized power grids with highly dispersed and local taps on the freely flowing energy of the active vacuum. Given the abilities of the Tesla howitzers, the power grids of all nations are sitting ducks.

"Personally, the present author regards the increasing energy crisis as the greatest strategic threat to the United States in its entire history. I will do anything within my power to help prevent what I perceive to be the looming economic collapse of the Western world, preceded or accompanied by a sudden, explosive, all-out and continuing exchange of the WMD arsenals of most of the world.

"...In the name of all humanity, let us begin! Else by the time this first decade of the new millennium ends, much of humanity may not remain to see the second decade."

Bill Morgan: Healing Powers of Longitudinal Waves

May 5, 2010

<https://goldenageofgaia.com/2010/05/05/bill-morgan-healing-powers-of-longitudinal-waves/>

Healing powers of longitudinal waves

Healing via longitudinal waves, time reversal of cells (de-differentiation), Prioré's machine, Bearden's proposed "blanket" version, using the electric power grid for healing waves or for broadcasting disease patterns. Scalar Biowar.

The good news!

"Any sort of disease whatsoever - physical or mental - will be rapidly curable, simply and cheaply. It will be possible to reverse aging and rejuvenate the person. It will be possible to regrow limbs and straighten misshapen spines - and directly remove the causes of mental diseases and cure them as well. Lifespan will be staggeringly increased, without 'old age's debilitation.' AIDS, cancer, leukemia, and genetic diseases will be completely conquered. The potential for a true golden era is upon us, for all humanity." (Bearden)

https://twm.co.nz/beard_interview.htm.

Proof of the healing powers of longitudinal waves from the vacuum is seen in the work of [Antoine Prioré](#) who produced longitudinal scalar waves using a gigantic glass tube filled with plasma. He himself did not understand why it worked or how it cured cancer in animals.

"The Prioré team cured terminal tumors, trypanosomias, and other dread diseases in laboratory animals in France, in the 1960s and 1970s, under rigorous scientific protocols by eminent scientists. The Prioré project was funded by the French Government to the tune of several millions of dollars (equivalent).

<https://www.explorepub.com/articles/energetics.html>

". . . Prioré's machines concretely demonstrated a nearly 100% cure of all kinds of terminal cancers and leukemias, in thousands of rigorous laboratory tests with animals. These results were shown to medical scientists as early as 1960."

<https://www.cheniere.org/Prioré/index.html>

Bearden has stated that the longitudinal EM waves can have a healing effect because they always come in pairs called "phase conjugate pairs" and one of the pair is time-reversed. This enables engineering of the waves to "pump" the cells of the body (with waves from the time domain) and actually time-reverse the cells back to a previous healthy condition. The scalar cure of cancer does not involve killing the cancer cells but rather pumping them with time energy into a previous condition. I know, this seems miraculous, and is it not?

Prioré and his giant plasma tube



Plasma tube

This healing power in the longitudinal waves of the time domain is a mind-boggling thing to face. It took me months to get through it, and to suffer the fact that the cure for cancer and AIDS was right there, in this new scalar electromagnetics technology, and that it has been kept back from the people for so many decades now.

Bearden has a great deal to say about the work of [Antoine Prioré](#), who himself did not understand why his machine worked. Prioré did not know about the longitudinal scalar waves of the time domain. In fact, Tom Bearden has supplied, at last, the missing explanation as to how that big giant two-story glass tube consistently cured cancer in animals.

"The medical implications are enormous. By just reversing the damaged cells back to a previous physical state, this gives a physics mechanism for controlled cellular dedifferentiation, in biology terms. Physicians will time-reverse diseased, damaged or aged cells back to an earlier healthy condition, including all the cellular genetics. Normal cells are just reversed to a slightly younger condition."

"We believe this mechanism explains the revolutionary but baffling electromagnetic cures achieved by a team of outstanding French scientists in the 1960s and early 70s, working with inventor Antoine Prioré. In lab animals, cures were achieved for terminal tumors, infectious diseases such as trypanosomiasis, and atherosclerosis. In addition, deliberately suppressed immune systems were dramatically restored.

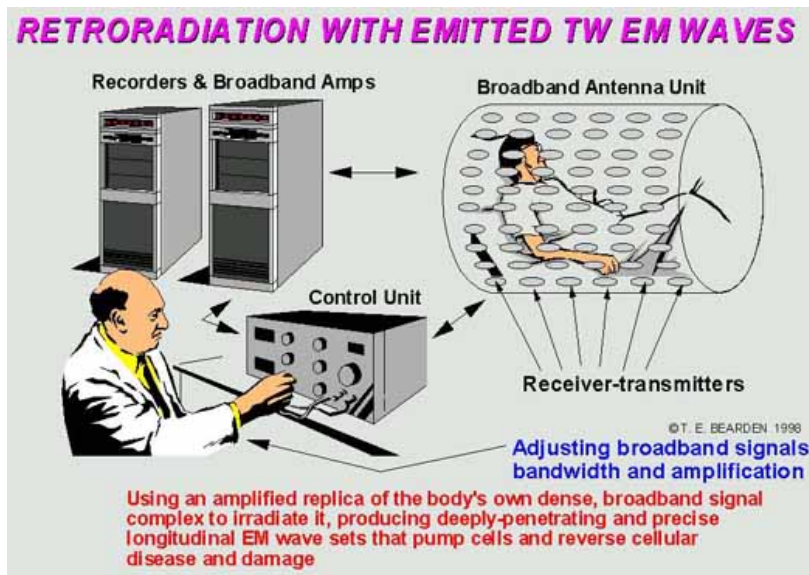
"We hypothesize that this is the long-sought mechanism of how the living body heals itself. In short, the body's cellular control system induces cellular reversal by weak time-domain pumping of the damaged cells and the affected area. The cellular regeneration system performs all healing of cellular damage in the body; the immune system heals nothing, not even its own damaged cells) .

"For the first time medical science can develop as a science of healing rather than a science of intervention. And it will develop as a science of unlimited healing, since no pathogen can resist action by curved spacetime engines." (Bearden.)

<https://www.cheniere.org/techpapers/Vision%202000%20paper.doc>

[See Prioré's machine](#) [See Slides of how it works](#).

Bearden has extended the Prioré work, with the previously missing knowledge now in place, and designed a revised system (for irradiating the body with longitudinal waves) which gets rid of Prioré's giant glass plasma tube and uses instead an antenna unit which surrounds the body. He has also provided the missing explanation of how it works. There is an article from "Explore" magazine,

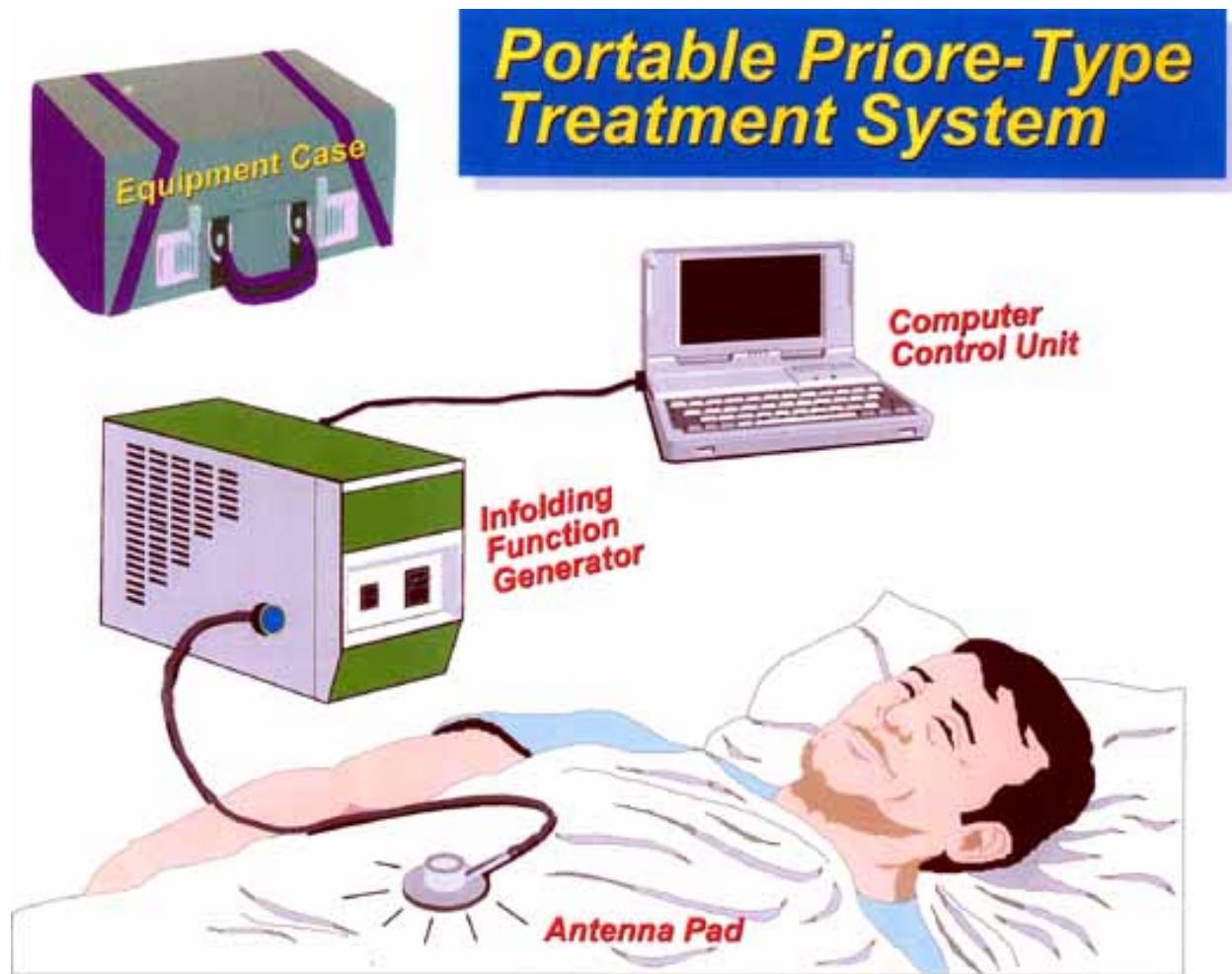


[Part I](#) and [Part II](#).

In fact, Bearden has presented to the U.S. government a plan to use a portable version of a Scalar Healing Blanket where wire channels in the blanket act as a scalar antenna, which can both send and receive scalar electromagnetic waves. A two minute treatment of the waves is sufficient to restore the body to its earlier healthy condition. Thus even thousands could be treated easily and quickly in a biowar mass attack situation.

"To defend against things like anthrax attacks on our civilian population centers, we also have recommended to the U.S. Government the crash development of small, portable treatment machines — using similar "antiengine-forming" and cellular reversing 'porthole technology.' [See Figure 13 on previous page]. Such portable machines could be developed cheaply and quickly, and present government facilities could be used to massively attack the correlate database production problem.

"The portable treatment units could be cranked out by the hundreds of thousands and flooded down through emergency response agencies such as the police forces, the National Guard, emergency hospitals, emergency response teams, etc." ([Bearden](#))



The Scalar Healing Blanket would fit into large suitcase. It has three basic parts, the longitudinal wave generator, a laptop computer, and the antenna-blanket. The plan was a stroke of Bearden's genius, but unfortunately it fell on befuddled government ears. "Unfortunately, so far the DOD [Dept. of Defense] doesn't even understand what the heck we're talking about!"

Article "[Healing with Energy](https://www.explorepub.com/articles/energetics.html)": <https://www.explorepub.com/articles/energetics.html>

"We tried very hard in 1998 to call attention to the extreme national need for the most urgent possible development of a portable computer-controlled treatment device based on the experimentally proven Prioré methodology, but extended to a much simpler and far more rapid method of treatment.

"Quick development of this technology could lead to a suitcase size device, capable of treating a patient in less than one minute, and stopping the symptoms and disease progress cold, then reversing it. Three 'less than a minute' treatments one week apart would be required for complete cure. As an added advantage, partial reversal of aging in older patients would also be accomplished as a bonus, in addition to time-reversing the damaged and diseased cells...

"The method proposed to the DoD in 1998 used normal EM in a peculiar way to force the body itself to make its own time-polarized EM waves, and pump every part of its cells -- including the genetics -- in the time domain.

"Quite simply, we are going to be struck this way (QP spreading the immune systems of the populace plus professional smallpox, anthrax, etc. BW attacks on our population centers) and by other means we've spoken of in other papers and briefings." (Bearden)

<https://www.cheniere.org/correspondence/021401.htm>

The Dark Side of the Force:

Creating and broadcasting disease

Speaking of the scalar wave induction of disease by longitudinal wave patterns Bearden refers to work by French scientist [Kervran](#) and Russian scientist [Kaznacheyev](#), who proved that any disease could be transmitted electromagnetically.

"It works this way: the Kaznacheyev experiments (and others) demonstrated that any cellular disease or disorder can be initiated into cells at a distance, by electromagnetic means (albeit unusual EM in nature). The decades of microwave radiation of the U.S. Embassy in Moscow, was an ongoing set of "stimuli" to ping the U.S. system and, by its response, ascertain how far along (or if it was "along") in its knowledge of such weapons. The radiation was responsible for many health changes in personnel and for the eventual deaths of three U.S. Ambassadors." (Bearden)

<https://www.cheniere.org/correspondence/021702a.htm>

In a letter he writes,

"Yes, the [Kaznacheyev experiments were quite real](#); were quite real; 15,000 or so in military research institutes in Siberia. As with so many other novel areas investigated and developed by the Soviets, most U.S. investigators just assumed normal EM, which is not what the Kaznacheyev experiments involved, and not what was carrying disease induction patterns from one cell culture to another in rigorous lab tests."

How to "Broadcast" Diseases

Longitudinal EM Biowars

Bearden explains how the new quantum potential weapons can be used to induce disease-at-a-distance in a population, or to "spread" the immune system so thin that a conventional bio-attack would be greatly potentiated. By "broadcasting" virtual disease patterns over a population, the immune system is so overloaded by the presence of the "shadow" diseases that its effectiveness is thinned out.

"In short, alter the internal wavestructure, and one creates a curved spacetime 'engine' that acts on mass in any fashion one chooses to design -- including initiate diseases . . . Now visualize one of these 'vacuum engines' or 'spacetime curvature engines' that acts on mass to generate the exact effects produced by anthrax. (Or any other disease one wishes) . . . Call the virtual state of a disease engine the disease pattern in the "shadow" state, just prior to becoming observable. . . .

"And the master cellular control system responds to 'coming events that cast their shadows before.' In short, it responds to the upper level of the 'shadow state' of a disease, still in the virtual state! (Hey, virtual particles are real, virtual photons are real, virtual ST curvatures are real --- just very fleeting, only for another to immediately arise). The exchange of virtual particles is known to generate all forces in physics anyway! . . .

"So the cellular control system responds to 'shadow state' disease patterns. Enter a QP weapon application. Place a quantum potential weapon "area" on the United States, so that the entire populace is in it. The slowly introduce and bring up in the shadow state, the necrotizing fasciitis disease engine. At some point, the cellular control systems will react, and order the immune system into action. In other words, immune system resources will be committed against this 'immediately coming' enemy. Bring it on up a little, but still just in the shadow state. Voila!

Humans form a bell-shaped distribution curve. And even if the structure of the QP fluctuates a little, fluctuating a bit stronger and a bit weaker, etc. A few of those targeted bodies will now actually develop necrotizing fasciitis. So far, just like the U.S. Embassy targeting, except a different 'carrier.'

"But now there is an exact signature that this is what is doing it, and not normal vector carriers of disease and contact or exposure infection. The few cases of necrotizing fasciitis that break out will be most puzzling. They will be randomly scattered across the entire nation, and so few that the vector carrier and contact or exposure explanation completely fails."

"And that one happened, right here in the U.S., not so long ago. Check it out."

"So carefully adjust the patterns for, say, 12 major terrible diseases, to that 'adjusted and desired shadow state level.' Now add all 12 patterns into the internal structure of the quantum potential. Now it has 12 shadow state disease engines in it."

"Place that one on a populace. The cellular control systems order the immune systems into action, and they now have to commit their finite resources to 12 different areas. This greatly thins the response an immune system can make to any one of those 12 disease patterns! In short, it 'spreads' the capabilities of the immune system, which can be galvanized to great effort, but only can perform a small bit against each area."

"Suppose one of those 'galvanized' areas in the targeted populace's immune systems is anthrax. And suppose the bad guys now hit one or more of those cities with a professional anthrax attack. A former OTA study showed that a professional anthrax aerial spray attack against Washington D.C., dispensing 100 kilograms of anthrax spores in the spray, will account for 1 to 3 million casualties. And that's in an 'unthinned' set of immune systems. In the 'thinned' set, one can at least double or triple, and even up to five times, that estimate. So conservatively, now there would be from 2 to 6 million casualties. And even mild anthrax spray attacks in other 'thinned' cities would also be amplified."

"That one is being set up, or already set up, right now. There are other such 'augmentation' setups also under way."

"So the weapons alluded to by the SecDef in 1997 are already being employed. WW III has already begun, and our populace (and our scientific community) is blissfully unaware of it." (Bearden)

<https://www.cheniere.org/correspondence/021401.htm>

Most of us can remember the strange outbreaks of the so-called "flesh eating disease." It seemed to break out here and there randomly with no known cause. Bearden believes this was a test of the newer quantum potential weapons which go even beyond the capabilities of the Tesla howitzers.

"The Kaznacheyev "disease induction by novel electrodynamics" work is also the basis for the spacetime curvature engines (not EM signals!) carried by quantum potential EM biological weapons for distant induction of diseases etc. into the population of an entire nation or area, such as the U.S.

"This quantum potential disease induction weapon -- capable of attacking an entire population of a nation or area -- has been tested several times in the U.S. at very low levels, in the shadow state only (we explain shortly) and it has a most peculiar signature. E.g., one test used necrotizing fasciitis (flesh-rotting disease) engines.

"The disease 'engine' was deliberately kept down in the 'shadow state' (virtual state, just below the observable state) so that only a tiny bit of the populace with depressed thresholds would 'breach the observable threshold' due to the population forming a bell-shaped curve as to the threshold level. The major signature of the test was that the cases of the disease broke out totally statistically and randomly, spread all over, without any 'disease vector' in between.

"In short, it was not spread in any manner required by normal deterministic disease vectoring, but was a totally random set of occurrences. Several other diseases were also tested this way in the American populace, with precisely the same signature." (Bearden)

<https://www.cheniere.org/correspondence/021401.htm>

"Apparently one planned use of such an augmented clandestine BW weapon will be smallpox, e.g. As you know, the Russians did develop smallpox for biological

warfare, and even developed a new strain against which previous vaccination is ineffective.

"The vast numbers of expected casualties, coupled with immune system spreading, are absolutely irresistible to the Russian mind. You can count on it that they have seen that the smallpox is already on site here, in the U.S. and in the hands of professional terrorist teams. Of course, the Russians/KGB will protest they have nothing to do with that! Yet likely the KGB will have flatly arranged it or at least assisted it. The capability for mass destruction of the nation is so lucrative and easy to achieve in advance, that they would never be able to resist doing it." (Bearden)

<https://www.cheniere.org/correspondence/021401.htm>

Bearden believes the Gulf War Syndrome involved the use of scalar technology to induce a disease state, as he stated in a 1997 interview:

"I'll say this flatly, and I won't answer any further questions about it; the Gulf War Syndrome was induced... It was induced with this stuff. All the rest... was contributing factors that everybody's talking about... There are some deeper signatures, if you look into it very deeply, that show you exactly how it was done and the fact that it was induced. It was a test. It was a test of a very special kind of weapon I have not talked about yet. Anyway you can use it to create diseases." (Bearden)

https://twm.co.nz/beard_weapon.htm

Besides using the woodpecker grid to target a population, the entire electrical grids of nations can be used as "channels" for disease patterns to be broadcast to all people near that grid. Your own house wiring can become an antenna, broadcasting these "shadow" patterns of disease, weakening your immune system.

And here one faces the frustrating fact that the same power grids could be set to channel patterns which would keep the entire population healthy, rejuvenated, continuously bathing in the time-reversing old-age-defying energy of the space/time vacuum. We have no idea yet of how long the human life span could be increased with this new technology. People might be able to live two centuries given full humane development of this technology.

The Weaponization of Scalar Energy

What Really Happened at Chernobyl?

May 11, 2017

<https://goldenageofgaia.com/2017/05/11/what-really-happened-at-chernobyl/>

Another side of scalar energy.



Chernobyl after the blast

Tom Bearden is a retired U.S. Army Lieutenant Colonel who specializes in the science of free energy, scalar weapons, etc.

His theory of what most probably happened at Chernobyl flies in the face of contemporary explanations.

We reproduce an excerpt from one of his technical papers on what happened that day. The language may be a bit technical for some.



Tom Bearden

**Tom Bearden, "Weapons that Use Time-Reversed Electromagnetic Waves,"
n.d. at**

<https://www.cheniere.org/books/excalibur/part4.htm>

In April 1986, the explosive eruption of a reactor at Chernobyl was almost certainly caused by an accidental catastrophic failure of a large TR [time-reversed scalar-energy] transmitter about 30 kilometers away.

Any radioactive nucleus is already "teeter-tottering" toward nuclear decay, so to speak, and it will instantly decay radioactively when struck by a significant scalar potential pulse. Thus a TR [time-reversed] wave radar weapon can deliver a powerful TR pulse against a distant vehicle carrying a nuclear warhead, and the resultant EG pulse penetrating the nuclear material of the warhead will electrogravitationally explode it in a full-order nuclear detonation.

Therefore, when using such weapons, extreme care must be taken to avoid inadvertently pulsing one's own nearby nuclear weapons or nuclear material. In attacking distant ground targets, one must be careful not to detonate nearby nuclear weapons, nuclear powerplants, or stored nuclear material—even at some distance from the target. Otherwise, large-scale nuclear fallout will be experienced over a worldwide area, and unacceptable "boomerang" self-damage to the attacker himself may be incurred. The more powerful the TR pulse employed, the greater

the safety separation between the struck target and stored nuclear material must be to prevent unacceptable "boomerang" large-scale fallout

Also, large TR wave interferometer weapons, such as the Woodpecker systems, usually first produce very powerful, scalar EM [electromagnetic] "standing wave" beams by continuously transmitting (in the beam) both a normal EM wave and its phase conjugate, modulated (locked) together to produce a "zero EM vector resultant" electrogravitational (EG) wave. Interference of two of these scalar EM beams in the targeted area, plus internal scanning within the beam by other signals, allows EM effects - of either normal EM energy or time-reversed EM energy - to be produced and controlled at very precise locations within the broad interference area.

Each such huge "scalar EM standing wave" beam represents a [gigantic electrogravitational standing wave](#), and hence a giant oscillating potential in spacetime. This standing wave represents a sort of gigantic "capacitor," or accumulator of infolded energy. Enormous energy may be collected in this potential, charged-up over a period of time. "Shortout" of this giant capacitor - by transmitter failure - can result in a large flash-over discharge of the EG energy into the local earth, producing a massive EG ground wave that can be enormously destructive.

Thus one must carefully protect the TR wave weapon system from inadvertent discharge of large EG pulses into the earth at the local site, due to transmitter failure, shortouts, etc. Otherwise one's own nuclear weapons or facilities may be exploded - even at some distance - by the EG pulse ground wave produced. One's communications and electronics installations, for example, can be knocked out at an even greater distance.

For example, in the winter of 1957-58, a large Soviet TR wave prototype weapon at Kyshtym, near the Urals, apparently suffered a catastrophic transmitter failure, discharging a powerful scalar EM (electrogravitational, or EG) pulse into the earth. This huge EG pulse [struck the atomic wastes stored nearby](#), causing the radioactive nuclei to immediately decay. In other words, the nearby atomic wastes exploded - just as eye-witnesses reported. Deadly radioactive contamination spread across a major region, and exists to this day.

After this accident, the Soviets would have developed much more elaborate safety circuits and devices and implemented them into their TR wave weapons.

Even so, in April 1986, [the explosive eruption of a reactor at Chernobyl](#) was almost certainly caused by an accidental catastrophic failure of a large TR Woodpecker transmitter about 30 kilometers away. The sudden failure of the [East-to-West Woodpecker transmitter](#) was positively detected by engineer Bill Bise. All safety circuits at the site would have been instantly activated, desperately and slowly draining off the huge "standing wave" potential built up by the weapon.

The Soviets would have immediately shut down the reactors at Chernobyl as a precaution.

Some hours later, the transmitter safety devices finally failed, and a much smaller, though still significant, remnant EG pulse was discharged into the earth, spreading out in a ground wave. The first radioactive material - the fuel rods in one of the hapless, shutdown Chernobyl reactors - encountered by the EG ground wave pulse received it and immediately erupted radioactively.

Had the full EG pulse escaped the stricken transmitter, all four reactors at Chernobyl would have violently exploded, and deadly nuclear fallout would have rained down over a wide area of the earth. Had the reactors not been shut down and the control rods inserted "full-in" to dampen the radioactivity, a far greater radioactive eruption - probably a nuclear explosion - of the struck reactor would have occurred.

Tom Bearden: How the Soviets Nearly Took Over the World

September 10, 2012

<https://goldenageofgaia.com/2012/09/10/tom-bearden-how-the-soviets-nearly-took-over-the-world/>



One cannot just post one of Tom Bearden's many addictive, revolutionary discussions without posting a few. Tom is one of the scientific and intellectual giants of the 20th Century. His articles form part of our unknown or little known history of science and the world.

From: Extraordinary Physics

Tom Bearden, <https://www.cheniere.org/books/aids/ch4.htm>

This is an extract from Bearden's book, Extraordinary Physics, dealing with how the Soviets outclassed Americans through the development of free-energy weapons. We begin at Potsdam, with the announcement of the atomic bomb. Advantage: America. And a problem for Stalin.

For much more on the Soviet's development of free-energy weapons, based on Stalin's plan to capitalize on America's mistakes, see: <https://goldenageofgaia.com/accountability/warmongering/historical-background-of-scalar-em-weapons/>

After Potsdam and World War II, a frustrated Stalin was to drive his scientists to review the entire scientific literature of the Western world, actively seeking a great new technical breakthrough area such as the Allies had demonstrated with the development and use of the atomic bomb.

Great Soviet institutes - one staffed, for example, with over 2,000 PhD's - were set up to thoroughly review all the Western scientific literature from its very beginning. Anything interesting, anomalous, or unknown was put aside for further examination.

It is a good bet that the meticulous Soviet scientists discovered the difference between Maxwell's original electromagnetic theory and Heaviside's mutilation of it.

Americans had a bias against the unseen spiritual world. But free energy comes from the invisible "void."

Maxwell's equations described that non-physical void but Heaviside rejected Maxwell's explanation and doctored his equations to keep them within the known, physical world.

Stalin exploited this American bias and gap in knowledge to produce free-energy devices and eventually weapons, that the United States knew nothing about for years.

Great mathematicians that they are, Soviet scientists would have realized the implications of the difference. With their knowledge of unlimited general relativity, they would have made the connection to electrogravitation. (1)

By 1950 they had indeed done so, and were deeply into the development of what they called "energetics", and I have called *scalar electromagnetics*.

They had also reached another milestone about the same time - 1950 or so.

After WWII, both the Soviets and the U.S. were keen on securing the best of the German scientists. The U.S. particularly wanted missile scientists and rocket engineers. The Soviets wanted them too; but they also wanted the German radar specialists and infrared specialists.

The West didn't care about the German radar scientists and engineers, and the IR fellows. The Soviets did, and they got them. That was to prove a most spectacular benefit indeed.

During the war, the Germans had placed extreme emphasis upon radar and radar absorbing materials (RAM). The German scientists had fantastically developed and extended the science of radar cross section - which is the heart of the matter and very, very complex. They were much further ahead in radar cross section theory at the end of WWII than where the U.S. is today, in the opinion of some U.S. radar experts.

So the Soviets started with a great jump on us in radar knowledge, and they have steadily increased the lead over the years.

In addition, the Germans had developed highly successful radar absorbing materials, and much of the theory to accompany them.

Such materials turn out to be the key to how to build and develop a radar phase conjugation mirror, to produce a time-reversed radar wave.

To the best of my limited understanding, this time-reversed radar wave is also at the basis of Antoine Prioré's medical devices.

Thus, because of the German scientists, by 1950 or so the Soviets had already discovered phase conjugation. And they had discovered it in radar first, not in optics!

They would have been primed for the discovery by their great review of Western literature and the foundations of science, since they would probably have noticed that the time-reversed wave is a solution to the wave equation. If so, they would certainly have realized its generality throughout all physics, all frequency bands, and all types of waves.

Superb mathematicians that they are, the Soviets would certainly have made the Kaluza-Klein theory connection, and also realized that phase conjugate waves

carry negative energy as well as negative time. They would quickly have seen the gravity and antigravity implications.

So about 1950 or so, the Soviet Union would have started phenomenology experimentation in earnest, with phase conjugate radar mirrors and phase conjugate radars. This is what was referred to as *energetics*. The Soviets began a massive program in energetics about the time of the beginning of the Korean War.

By 1957-8 the Soviets had progressed to the point of a giant scalar EM accident in the Urals which exploded nearby atomic wastes, devastating the area.

Free energy that escapes is attracted to nuclear facilities. This 1957-58 accident was followed by the far more serious 1986 Chernobyl accident, which was again an accidental bleed-off of free energy which sought out and found the closest nuclear reactor.

They had also progressed to development of great new superweapons using their new energetics - weapons to which Khrushchev referred in 1960 when he informed the Soviet Presidium of a new, fantastic weapon in development, a weapon "so powerful that it could wipe out all life on earth if unrestrainedly employed."

A big part of the reason why the Soviet Union wanted to get rid of nuclear weapons via a Strategic Arms Reduction Treaty (START) was that the Soviets had an advantage over the United States in free-energy weapons.

In addition, the possession of both nuclear weapons and free-energy weapons (as Chernobyl demonstrated) created a tremendously-dangerous situation of accidental explosion for Russia. They therefore had an incentive to get rid of no-longer-needed nuclear weapons.

Moreover, with the United States shorn of all nuclear weapons, the Soviet Union would have an absolute advantage over America by the sole possession of free-energy weapons. Therefore START was a no-lose situation for the Soviet Union. With free-energy weapons, they could take over the world.

About the same time (mid-to-late 50's), the Soviets had also started the eery low-level microwave radiation of the U.S. Embassy in Moscow, to see if the U.S. knew of scalar electromagnetics (energetics) and was developing its own electrogravitational weapons and defenses.

[snip]

Peter Kapitsa, the great Soviet physicist, was once pressed by Nikita Khrushchev for a total defense against missiles and air- and space-borne vehicles.

Kapitsa replied that it could only come from the new energetics. ...

Ironically, Khrushchev "jumped the gun" before his new super-weapons were deployed. In the fall of 1962 he began inserting long range missiles into Cuba, bracketing the U.S. with nuclear firepower in an attempt to immediately change the balance of power. Kennedy, of course, backed him down "eyeball to eyeball," so to speak, in a blunt confrontation, but promised not to invade Cuba.

Khrushchev, with his days numbered, was desperate to deploy his new superweapons and provide a dramatic demonstration to recover face.

By destroying the U.S.S. Thresher on April 10, 1963 and, on the next day, producing a gigantic underwater explosion 100 miles north of Puerto Rico, the Soviets demonstrated that the new superweapons had been deployed. Khrushchev managed to retain his position a while longer.

The story does not stop here. For a lot more on the story, go to: <https://goldenageofgaia.com/accountability/war mongering/historical-background-of-scalar-em-weapons/>

Historical Background of Scalar EM Weapons

<https://goldenageofgaia.com/issue-mediation-process-r3/accountability/warmongering/historical-background-of-scalar-em-weapons/>



Historical Background of Scalar EM Weapons

by Lt. Col. T.E. Bearden (retd.), 1990 Copyright

https://tesla3.com/free_websites/zpe_bearden_W.html

Colonel Bearden is a nuclear engineer, wargames analyst, and military tactician with over 26 years experience in air defense systems, tactics and operations, technical intelligence, antiradiation missile countermeasures, nuclear weapons employment, computerized wargames and military systems requirements.

[This was a paper hastily whipped together, some years ago, to be able to send an abbreviated background paper to correspondents. The history prior to this paper runs from Hamilton and his quaternions to Maxwell and his quatemion theory, to

Heaviside's vector curtailment of Maxwell's theory, to Nikola Tesla, to Whittaker, to Einstein and relativity, to Kaluza and Klein, and to the beginning of quantum mechanics.]

We begin our history in 1939 at T.H. Moray's lab in Salt Lake City <https://cheniere.org/books/excalibur/moray.htm>. In that year, a Russian agent obtained detailed drawings of Moray's specialized amplifier which extracted energy from the powerful quantum mechanical fluctuations of vacuum. Moray's radiant energy device weighed 55 pounds and produced 50 kilowatts of power without conventional input. Numerous demonstrations are documented by engineers, scientists, and community leaders. After extensively testing Moray's device and obtaining the drawings by subterfuge, the Soviet agent destroyed the device. Moray, a truly great pioneer who was unjustifiably ignored in his time, had expended several hundred thousand dollars and exhausted his funds on the first unit. He was never financially able to rebuild it.

Thus in 1939 the Soviets obtained the secret, detailed drawings for a 29-stage electromagnetic device far ahead of its time. Moray had made the first germanium transistor, an amorphous pellet of multiple, finely powdered ingredients, sintered under heat and pressure to lock-in stress, and containing minute interfaces (very tiny built-in cracks) which acted as tiny scalar EM interferometers. Over the years Moray had painstakingly constructed 29 special tubes, each comprised of a blown quartz envelope containing several (usually three) of his transistor pellets. Only one in 300 of Moray's tubes would work, and thousands had been built to obtain the 29 good ones used in Moray's radiant energy amplifier. Each of Moray's pellets in the tube produced a vacuum state far from thermodynamic equilibrium, and the tri-assembly functioned as a macroscopic scalar interferometer and collector. Moray's 55-pound amplifier curved local spacetime and produced 50 kilowatts of usable load power from the curved vacuum source itself. Additional power could be taken from intermediate stages as well.

In short, Moray had produced a "Prigogine" transistor, still slightly more advanced than the transistors of today. [Ilya Prigogine received the Nobel Prize a few years ago for developing a new thermodynamics of systems far from thermodynamic equilibrium. Negative entropy is possible in such a system.]. Greatly stimulated by Nikola Tesla's repeated pronouncement that the ether was a sea of energy, Moray had painstakingly developed his special transistors, and arranged an assemblage of

them to form a scalar interferometer and collector of the disintegrated "energy" (virtual particle flux) of vacuum, integrating it into real observable energy fed to a load. Some day Moray, together with Tesla, will be recognized as the first great scientific geniuses who succeeded in engineering scalar electromagnetics, electrogravitation, local general relativity, and Prigogine's new thermodynamics.

So in 1939 detailed drawings of Moray's unit were obtained and forwarded to Russia, along with details of experiments that the Soviet agent performed with the device in Moray's laboratory. Moray's lab still stands in Salt Lake City, Utah, operated by his son, John Moray, who has faithfully carried on his father's work.

However, in 1939 World War II was looming ominously on the horizon. Japan had started her expansive march in the Far East in 1931. In Germany, the Nazi Party and Adolf Hitler had risen to power in 1933. Italy had moved against Ethiopia in 1935-1936. From 1936 to 1939, Italy, Germany, and the Soviet Union were unofficially involved in the Spanish avil War, testing weapons for a wider new conflict in the future. The Sino-Japanese War in China (1937-1942) was proceeding. Germany had seized Austria and most of Czechoslovakia to the dismay of the West. On September 1, 1939, Germany invaded Poland, and two days later Great Britain and France declared war. British and allied troops were forced off the continent, however, and miraculously evacuated at Dunkirk in May-June 1940. In June 1940 Italy, under Mussolini, entered the war and France surrendered shortly thereafter. In the latter half of 1940 a valiant Britain held firm against an onslaught of German bombers, and the restless Nazi juggernaut began to face toward Russia.

Thus in the cataclysmic events of 1939-1940, a Russia looking full in the face of a Nazi threat and raging war in Europe had little time or inclination available to pursue the bizarre, puzzling drawings and notes obtained from Moray's lab. The pace of events in Europe continued inexorably, occupying all the energy and attention of the Soviet Union. In attempting to sidestep attack by Hitler, Russia had signed a Nonaggression Pact with Germany in August 1939. Consolidating her position, Russia had engaged in a stubborn, bloody war with valiant little Finland from November 1939 to March 1940, suffering heavy casualties and leading Hitler to conclude that Russia was militarily weak. In April 1940 Germany had occupied Norway and Denmark, and in May-June 1940 German armies had disastrously routed the British and French at Dunkirk. As 1940 wore on, Hitler had moved into

Romania, Bulgaria, Yugoslavia, and Greece. A beleaguered Russia signed the Soviet-Japanese Neutrality Pact of April 13, 1941 so that Japan would not pin Germany in striking the Soviet Union. By early spring of 1941, German attack on Russian forces was imminent, with daily overflights of Russian lines and probing incidents.

On June 22, German divisions attacked in a mighty blitzkrieg, encountering little resistance, and the war between Russia and Germany had begun in earnest. As war raged on the Eastern Front and in Europe, on December 7, Japan attacked Pearl Harbor, and the United States entered the war against Japan and Germany. The history of World War II is well-known and need not be repeated here.

However, during the war the U.S. developed the atomic bomb in a feverish and highly secret technical effort. During the Potsdam conference, the U.S. exploded its first atomic bomb in the New Mexico desert. At the conference, Stalin was informed of the bomb and its first successful test by Truman, who had replaced the deceased Roosevelt as U.S. President. An impassive Stalin showed no apparent concern, but inwardly he knew that his secret plan to conquer Europe a year or two after the war—by which time the West would have beaten its swords back into plowshares—now had to be abandoned. A short time after, the U.S. dropped two bombs on Japan by stunning surprise. Faced with total and certain annihilation, the heretofore fanatical Japanese capitulated.

As one aftermath of the U.S. development and use of the atomic bomb, Stalin—ever the total dictator—lashed his Soviet Academy of Sciences furiously. Undoubtedly he pointed out that the destiny of Communism had been frustrated by this great technical breakthrough made by the Americans (with help from the British and from political European refugees.) He informed his scientists in no uncertain terms that the next such breakthrough had better be Soviet. He planned to do exactly what the U.S. had done: Find a new area for a great technical breakthrough and superweapon, put the entire resources of the nation behind it, develop it in great secrecy, and thrust it upon the U.S. and its allies at the eleventh hour. The West would then be forced to capitulate, just as was Japan. We had already shown Stalin the successful scenario by which to win the next war. Ironically, Stalin's "great technical breakthrough" was to come from Germany's radar scientific team, taken to the Soviet Union after the war. This team had drastically advanced the theory of radar cross section and radar absorbing material

(RAM). They were on the verge of discovering phase conjugate time reversed radar waves—which would enable the great new superweapons Stalin sought.

Meanwhile, the Soviets plotted a delaying campaign until they were ready to strike the West. Furious action was required to catch up to the U.S. in atomic weaponry. Obviously it was only a matter of time until long range rockets, as evidenced by the German V1 and V2, would be mated to atomic warheads, thrusting the decisive role of artillery into the strategic arena, far beyond the wildest imagination of then-current thinking. Also, air defenses against the American and British bombers were desperately needed. Guided rockets capable of shooting down American bombers enroute to critical Soviet areas were an absolute necessity. Atomic warheads were needed against massed bomber fleets, as had been thrown against Germany during the war.

The Soviet state must launch a superhuman effort to rapidly achieve its desperately needed missiles and atomic weapons, for it was totally vulnerable until that had been achieved. Meanwhile, the old methods that had proven so effective when one cannot fight a stronger foe head-on— guerrilla warfare, insurgency, and terrorism—must now be massively employed on a global scale to focus the attention and physical exertion of the U.S. dragon elsewhere. Third party "wars of attrition" would threaten American interests around the globe, and U.S. forces would be siphoned off in debilitating struggles against guerrilla wars and in distant lands. These sapping wars would "bleed the dragon" and weaken it, while the Soviet Union prepared a special technical sword with which to administer the final coup de grace. Stalin was an absolute dictator, brooked no opposition, and killed his opposition. Knowing what was good for them, the Soviet Academicians did not dare to debate or protest against his ultimatum to search every field of knowledge, no matter what. Instead, Academy scientists vigorously turned to a massive search for the new breakthrough area. Scientific literature from the West was hauled to Russia by the shipload. Thousands of Soviet PhDs and engineers were put to work in huge analysis institutes, sifting through the literature and digesting it—and carefully noting anomalies and areas which should be followed up. Nothing even remotely approaching such a technical digestion and analysis effort has ever been attempted in the West.*

*From this search it seems clear that the Soviet discovered Whittaker's 1903 and 1904 papers also prescribing the engineering method.

Two short years after WWII, Soviet planning for Stalin's new thrust was finalized, and the cold war was launched around the world. A great dialog began among the leading Soviet military leaders to hammer out radically new strategy for utilization of new weapons of mass destruction. Feverish effort to develop and deploy the first defensive missiles was underway, as was a crash effort to develop long range ballistic missiles, large bombers and atomic weapons. At the time, German and Soviet radar scientists probably began to discover—and puzzle over and work out the theory and hardware for-time reversed EM waves and phase conjugate mirrors.

The Moray drawings (and related agent reports) must have been resurrected. Nikola Tesla's notes, taken from his hotel room at his death in 1943 and later turned over to Yugoslavia, must have passed into Soviet hands also. Soviet espionage was quite successful in easing the task of developing atomic weapons. Soviet rocketry, funded and staffed massively, forged ahead, particularly in big rockets and solid propellants. The great postwar arms race was on, so far as the Russians were concerned.

Several years after WWII, then, the Soviets should have been embarked on experimentation with a Moray prototype amplifier. They should have been deeply involved in time-reversed EM wave experimentation to rediscover what Tesla actually had done in wireless transmission of energy without loss. Also, the earlier Kaluza-Klein unified electromagnetics and gravitation theory(1921-1926) could not have eluded the Soviet scientists, who have consistently led the world in nonlinear mathematics. Of necessity, the search for a new breakthrough area would have initiated intensive review of the foundations of physics and electromagnetics, in an effort to discover any "holes" that might exist. Thus the short debate at the turn of the century, that established Heaviside's limited version of Maxwell's EM theory—largely because of Western repugnance for Maxwell's use of Hamilton's difficult quaternions— would not have gone undetected. Careful review of that situation would immediately have revealed that

- (1) Maxwell's theory, which was worked out in quaternions rather than vectors, had actually not been completely captured by its translation into Heaviside's vectors by none other than Heaviside himself. [Heaviside was the cofounder of modern vector analysis and almost single-handedly produced what today is the recognized vector form of Maxwell's equations. He also nearly single-handedly transformed Maxwell's theory into its modern form.]

- (2) The effects of stresses in the vacuum medium had been eliminated by Heaviside, while Maxwell certainly had pointed out additional terms required to address this issue. [A Soviet team addressing this omission, would have inevitably connected it to Whittaker and Kaluza-Klein theories, revealing electrogravitation (scalar electromagnetics).].
 - (3) A quaternion, which contains a scalar part in addition to a vector part, could maintain** its non-zero scalar part when the vector was zeroed, whereas in vector analysis, when the vector is zeroed, it is assumed that no residue exists. [This is also directly connected with the mistaken assumption that an abstract vector space itself can have no substructure.]
- **and even vary and oscillate, its internal EM stress.
- (4) The direct connection could be made with Whittaker theory to produce scalar vacuum stress gravitation when the EM vector fields were zeroed.
 - (5) The West had missed this unified theory because of its total aversion to quaternions, and its elevation of the curtailed Maxwell's theory to cult status.
 - (6) Investigative experiments to explore bucking EM force fields which neatly zero sum would have almost immediately revealed highly anomalous behavior of materials and circuits. [Such simple investigations of zero-vector EM force field summation do not seem to appear in the Western literature at all, so far as can yet be established.]***

***with the single exception of the Aharonov-Bohm effect, which has finally been proved after 27 years of controversy, and Hooper's work which was obscurely published.

Something very much like that, together with quantum mechanical ideas, would have had to be applied to explain the operation of the Moray device. Note that every one of the suppositions above was available to any thorough Soviet search—and the Soviet scientists certainly made the search, more massively and thoroughly than has ever been done before or since. Since the evidence is overwhelming that the Soviet scientists developed electrogravitation and scalar EM weapons, it seems logical that their search succeeded along these lines or similarly.

About 1950-1952, the Soviets developed EM machines that could influence the brain and nervous system directly. This included the Lida machine, which can induce a catatonic state into a mammal such as a man, a cat, etc. U.S. scientists, obtaining one of these devices in the 1980s, reported that it utilized a 40 MHz

carrier, and produced unusual waveforms (showing the multiple frequency content). Since the U.S. scientists do not possess scalar EM detectors, they have no measurements or knowledge of possible scalar components in the Lida's output signal. According to one U.S. scientist, the device was used by North Korean interrogators in brainwashing U.S. prisoners in North Korea during the Korean War, and was highly effective. By the mid-50s, the Soviets should have been well along in prototype building, weaponizing, and development of larger devices and starting new weapons, based on what I have called scalar electromagnetics— unified EM/gravity field theory a la Whittaker or simply electrogravitation using negative energy and time-reversed EM waves.

In the winter of 1957-58, a monstrous nuclear accident occurred at a Soviet facility in the Ural Mountains near Kyshtym. [Inexplicably, for decades U.S. intelligence analysts feverishly resisted—and even suppressed—the evidence in their possession, adamantly insisting that such an event never occurred.]. Witnesses reported that atomic wastes in the nearby storage site exploded. Since scalar EM research and development would have been underway in the Soviet Union for several years, we can construct a scenario that will produce that nuclear event: Suppose a large nearby radar had been modified to radiate a scalar EM wave. Suppose it is also used to produce a standing scalar EM wave, after Whittaker. As the radar continues to radiate, such a standing scalar EM wave is "charged up" to a higher and higher "potential", just like charging a capacitor. That is, in the standing wave, its "locked-in energy density of vacuum" is being steadily increased, simply by continuing to transmit with the radar in the scalar EM mode. However, what is actually being "charged up" or produced is a gravitational potential standing wave (and this G-potential is increasing.) Further, suppose the radar and its attached standing scalar wave (G-potential) are energized, and suddenly the radar transmitter suffers an electrical failure. The "scalar potential" represented by the charged-up vacuum energy (which can be enormous) in the standing wave would immediately discharge to earth in a sharp electrogravitational pulse (EGP).

When a strong EGP pulse— which is absorbed by, and reradiated from, atomic nuclei rather than orbital electrons— struck stored radioactive nuclear wastes, the radioactive nuclei would all decay immediately, just as if internally exposed to an atomic bomb. A full nuclear explosion of the stored nuclear wastes—in the dirt and dirty— would occur, creating a terrible nuclear "accident."

That is exactly what caused the Kyshtym accident in 1957-58. Failure of a large scalar EM transmitter produced a giant EGP "arc discharge" into the earth, striking the atomic wastes stored nearby. <https://cheniere.org/books/aids/kyshtym%20etc.htm>. The resulting explosion and radioactive fallout contaminated a very large area, which is still contaminated to this day. Hundreds—perhaps thousands— of casualties resulted.

So we can be confident that, in 1958, the Soviets were already experimenting with large scalar EM Whittaker beam weapons. We can also be confident that, after the Kyshtym disaster, the Soviets immediately realized the cause of the accident, and developed safety circuits to hold the standing wave from collapse in the event of electrical failure of the transmitter. Means to slowly "drain off" the accumulated EG potential safely into the earth— much like slowly discharging a capacitor— would also have been developed and incorporated into the beam transmitter.

Anomalous microwave radiation of the U.S. Embassy in Moscow began during the late 1950s <https://cheniere.org/briefings/DoDPrioré/slides/054.jpg>, and has repeatedly occurred to this day. Twin beams have been noted in the radiation, suggesting interferometry. Scalar EM components on the carriers would not be detected by normal microwave instruments, although the weak carrier signals would. Further, the strength of the scalar EM wave's infolded components can be essentially independent of the strength of the carrier. Apparently a wide variety of physical effects were experienced by personnel in the Embassy, including several U.S. Ambassadors.

[Note that extensive tests of the electromagnetic transmission of cellular disease patterns between cell cultures have been reported by Soviet researchers, led by Kaznachejev. Kaznachejev reported that the effects were due to near-UV photons emitted by the diseased cells and irradiating the test cells <https://cheniere.org/briefings/DoDPrioré/slides/053.jpg>. Such effects have been replicated at the University of Marburg, West Germany, using infrared emissions from diseased cells to irradiate test samples. At the University of Sydney, Australian researchers have accomplished the effect at a distance of over 100 feet, using what can only be called scalar EM radiation.].*

*Dr. Fritz Popp has discovered the virtual-state (i.e., scalar EM!) master control communication system for the cells in the human body. <https://cheniere.org/briefings/DoDPrioré/slides/040.jpg>

The "Moscow radiation" has represented an intelligence probe for all these years: radiating a high-level U.S. target—the U.S. Ambassador to the Soviet Union—and inducing physical effects assured the involvement of high U.S. governmental agencies and official, including the CIA, DIA, NSA, the National Security Council, and the President. Eventually, the U.S. scientific community would also be asked to evaluate the signals.**For a full explanation, see T.E. Bearden, *Gravitobiology: A New Biophysics*. Aug. 1989 <https://cheniere.org/books/gravitobiology/cover.htm>

The response of the U.S. Government and the counteractions taken (or not taken) at the U.S. Embassy in Moscow reveal whether or not the U.S. is aware of scalar electromagnetics and scalar interferometry, with very high confidence. Since apparently no U.S. scalar EM countermeasures have been taken at the Embassy, the Soviets have long been assured that the U.S. knows nothing of scalar EM, has not developed scalar EM weapons secretly, and possesses no defenses against the surprise use of scalar EM weapons against U.S. forces and installations.

In January 1960, Khrushchev announced the development of a new, fantastic weapon—one so powerful it could wipe out all life on earth if unrestrainedly used. The New York Times printed part of the story. Khrushchev, of course, was referring to the newly emerging scalar EM weapons. So in early 1960 the Soviets were in at least what we call the engineering development stage for large scalar EM beam weapons, which would be deployed when finished.

On May 1, 1960 Soviet defensive radars—rigged as prototype scalar EM beam weapons—probably downed Francis Gary Powers's high-flying U-2 reconnaissance plane over the Soviet Union, precipitating a major diplomatic incident. At the time, no Soviet surface to-air missile could reach the high-flying U-2, but of course it was extensively tracked on Soviet defense radars. Powers reported that a flash occurred behind his plane and persisted—almost certainly the signature of time reversed wave real-time holography. Eisenhower first denied, then was forced to admit, the photo-reconnaissance nature of Powers' mission when Khrushchev revealed that the Soviets had captured Powers alive. Khrushchev

then cancelled a major summit meeting with President Eisenhower. Powers was imprisoned, and released in February 1962 in exchange for Rudolf Abel, a convicted Soviet spy.

In the fall of 1962, with his new superweapons nearing deployment, the ebullient Khrushchev could no longer contain his eagerness. He "jumped the gun" and attempted to change the international balance of power at a single stroke. The Soviets started inserting MRBMs—weapons which would blanket the U.S. like a glove—into Cuba at a feverish pace. From information clandestinely fed by Soviet Col. Oleg Penkovsky, John F. Kennedy was aware that Khrushchev's bombers and ICBMs were in woeful shape.*** Penkovsky knew nothing of the Soviet Weapons program in energetics, using time-reversed EM radar wave weapons.

Not suspecting the Soviet superweapons, he knew that Khrushchev was bluffing—and proceeded to call the Soviet bluff, precipitating the Cuban Missile Crisis. Khrushchev was caught with his pants down. His superweapons were not yet ready, and the U.S. could have easily destroyed the Soviet Union. Reluctantly he backed down and removed the missiles, after first blustering enough to get an agreement from Kennedy not to attack Cuba.

In the Communist world, this was a serious loss of face by Khrushchev. He knew his days were numbered unless he did something dramatic to recoup stature. Accordingly, as soon as his new superweapons were deployed and ready, Khrushchev did that "something dramatic." On April 10, 1963 he destroyed the U.S.S. Thresher <https://cheniere.org/misc/thresher.htm> with one of his new weapons. Scalar EM (electrogravitational) beams, focused through the ocean to interfere on the Thresher under the surface, recreated spurious EM energy in the sub's electrical control circuits, jamming them so that the sub lost control, sank to crush depth, and imploded. Spurious electromagnetic "splatter" surrounding the immediate vicinity of the targeted area left a signature of intense EM interference with multiple systems and multiple frequencies of the U.S.S. Skylark, surface companion of the Thresher. This anomalous EM interference was so virulent that it required over 1-1/2 hours for the Skylark to transmit an emergency message back to headquarters that the sub had been lost.**** The death of the Thresher was Khrushchev's first blow.

**** Some electronic systems mysteriously malfunctioned, then later completely recovered spontaneously. This again is clearly a scalar EM weapon signature.

The next day, April 11, 1963, Khrushchev struck his second blow. Two deployed Soviet scalar EM weapons fired massive scalar EM pulses through the ocean. The two massive pulses met and interfered deep under the surface, 100 miles north of Puerto Rico. The resulting giant underwater EM explosion hurled a mushroom of water half a mile up into the air, and the anomalous explosion was observed (and later reported to the FBI and the Coast Guard) by the pilot and crew of a US Jetliner passing nearby, enroute from Puerto Rico to Florida.

Thus we know the year—and indeed probably the very month—that Khrushchev's new "fantastic weapon" was deployed: April 1963.

In the 1960s, Curtis detected a previously unknown, anomalous, weak electromagnetic radiation pattern over the ocean. This is the type of pattern consistent with the introduction of scalar signals with a small 'impure normal EM component or residue. Such cruder implementation would have been expected early-on in the Soviet program.

On June 17, 1966 from the air near Teheran, Iran, several airline pilots sighted a brilliant sphere of light, <https://cheniere.org/books/part1/teslaweapons.htm> "sitting on the horizon," so to speak, deep within the Soviet Union. The intensely glowing sphere expanded to enormous size, dimming as it expanded, always remaining "sitting on the horizon." The pilots observed the phenomenon for 4 to 5 minutes. A CIA report on the incident was released under the Freedom of Information Act.

In 1967-68, anomalous holes appeared in clouds over the U.S., possibly associated with the beginning of early Soviet weather engineering over the U.S. <https://cheniere.org/books/starwarsnow/fig11.htm>. That winter was particularly severe.

In the late 1960's, Lisitsyn reported that the Soviets had broken the "genetic code" of the human brain <https://cheniere.org/images/weapons/Lisitsyn1.jpg>. He stated the code had 44 digits or less, and the brain employed 22 frequency bands across nearly the whole EM spectrum. However, only 11 of the frequency bands were independent. This work implies that, if 11 or more correct frequency channels* can be "phase-locked" into the human brain, then it should be possible to drastically

influence the thoughts, vision, physical functioning, emotions, and conscious state of the individual, even from a great distance.

*To translate this to VHF or radar/radio frequencies, see Bearden, Gravitobiology, 1989.

It may be highly significant that

- (1) up to 16 of the giant Soviet woodpecker carriers <https://cheniere.org/books/ferdelance/s63.htm> have been observed by Beck and others to carry a common, phase-locked 10-Hz modulation, and
- (2) such a 10-Hz signal has been demonstrated by Beck, Rauscher, Bise, and others to be able to physically entrain or "phase-lock" the human brain, if stronger than the Schumann resonance of the Earth's magnetic field.

A human brain entrained by a common, phase-locked 10-Hz modulation on 16 carrier frequencies would effectively have 16 frequency channels phase-locked into it. The potential for using the Woodpecker transmitters <https://cheniere.org/books/ferdelance/s63.htm> to phase-lock an appreciable percentage of human brains in a targeted area, and then induce effects in the populace similar to— and even more drastic than—the effects induced in U.S. Embassy personnel in Moscow, should be strongly pointed out. Coupled with the Kaznacheyev work on EM transmission of cellular death and disease, using the Woodpecker signals to induce death and disease in the targeted populace may also be a distinct possibility. Modification of DNA/RNA—and viruses themselves—is also a possibility.

Many other Soviet scalar EM testing incidents are documented in Bearden, Ferdelance. 1986, and in AIDS: Biological Warfare. 1988. Repeated presentations on the Soviet scalar EM weapons and their testing have been given at national symposia since 1978. The exact mechanisms utilized by these superweapons have also been given. A complete and consistent series of many anomalous events exists over the years, showing the continuing development, testing, and deployment of massive scalar EM weapons by the Soviet Union.

Actual use of the weapons to create a giant interference grid over the U.S. and severely affect world weather <https://cheniere.org/books/starwarsnow/fig11.htm> is documented in a videotape, Bearden, Soviet Weather Engineering Over North America <https://cseti.homesite.net:7071/ramgen/sovietweather.rm>, 1985. This

videotape also includes several other major accidents, and also U.S. weather satellite photographs of anomalous exhausts from the Soviet Union's Bennett Island.** The exhausts are often in jets 150 miles long and nearly horizontal (about a degree and a half in elevation). They have been photographed coming from Bennett Island and the sea nearby, since 1974. ** Which actually belongs to the U.S.

Note that Bennett Island need not be the site of the actual scalar EM weapon itself. Energy extracted by a scalar EM howitzer (endothermic mode) from a distant region could be caught temporarily, then "relay fired" to Bennett Island by the same howitzer, switched into its exothermic mode. Thus the howitzer could act as an energy transmission relay between a distant endothermic target site and a separate distant exothermic exhaust site such as Bennett Island. Such exhausts have also been photographed coming from Novaya Zemlya.

On January 23, 1974 <https://www.cseti.org/crashes/047.htm> a mysterious explosion over North Wales rocked a 60-miles radius area. Associated anomalous light phenomena were also seen. Hundreds of anomalous booms, aerial rumbles, and aerial explosions, many accompanied by flashes or anomalous shaking of ground structures, buildings, windows, etc., have occurred over the U.S. and other Western nations in the 60s, 70s, and 80s. Many were simply Soviet tests.

In June 1975, Brezhnev called for a ban on weapons of mass destruction more terrifying than nuclear arms. He stated the need for an "insurmountable barrier" to the development of such weapons. In July he repeated his strange proposal to a group of visiting U.S. Senators. Ponomarev, a Soviet national party secretary, again raised the same issue to a delegation of visiting U.S. congressmen in August. At the United Nations' thirtieth Session of the General Assembly on Sept. 23, 1975, Foreign Minister Andrei A. Gromyko strongly raised the same issue, warning that science can produce "ominous" new weapons of mass destruction. He urged that all countries, led first by the major powers, should sign an agreement to ban the development of these unspecified new weapons. He even offered a draft, entitled "Prohibition of the Development and Manufacture of New Types of Weapons of Mass Annihilation and of New Systems of Such Weapons." The first article provided that the types of these new weapons would be "specified through negotiations on the subject." By its fixation on nuclear weapons and its ignorance of scalar EM, the West may have lost its only opportunity to prevent the spread of

scalar EM weapons "more frightful than the mind of man has ever imagined," to use Brezhnev's characterization.

With obvious lack of knowledge of scalar EM weaponry by the West and failure to achieve a total ban, the Soviet hawks again were able to prevail over Brezhnev and the more conservative Party leaders. The Soviets decided upon a massive buildup of arms, with the intention of being prepared to dominate the world in a decade.

In July 1976, communications around the Earth were interrupted by the sudden emergence of powerful Soviet transmissions in the communications band, from 3-30MHz. The chirped signal produces a characteristic sound in a receiver similar to a woodpecker's beak hitting a wooden block. The transmitters were immediately dubbed "woodpeckers", and the signals "woodpecker signals." The Western intelligence community dubbed these giant transmitting systems "over-the-horizon radars." These powerful systems were brought on full deployment and activated after the Soviets decided to go ahead with a decade-long buildup to prepare to dominate the earth. That decision was reached after Brezhnev's 1975 failure to obtain world agreement banning development of scalar EM weapons. Activation of the giant Soviet Woodpecker weapon systems <https://cheniere.org/books/ferdelance/s63.htm> meant that the Soviet Union now would deploy massive scalar weapons on an unparalleled scale.

On July 28, 1976, a great earthquake destroyed Tangshan, China, killing some 600,000 persons. Just before the first tremor in the early morning, the sky lit up like daylight, with multi-hued lights seen up to 200 miles away. Electrical signals were also associated with the quake. Note that, in 1912, Nikola Tesla stated in an interview that it would be possible to split the planet, by combining vibrations with the correct resonance of the earth itself. Tesla stated, "Within a few weeks, I could set the earth's crust into such a state of vibrations that it would rise and fall hundreds of feet, throwing rivers out of their beds, wrecking buildings, and practically destroying civilization. The principle cannot fail..." Tesla once set off a growing local vibration and shaking of the entire neighborhood around his laboratory, using a 10-lb. device. Tesla later improved on his concepts, calling this area "telegeodynamics". In 1935 he said: "The rhythmical vibrations pass through the earth with almost no loss of energy... It becomes possible to convey mechanical effects to the greatest terrestrial distances and produce all kinds of unique effects... The invention could be used with destructive effect in war..."

Later in 1976 Soviet scientists increased the power of the giant transmitters to perhaps 40 megawatts each. The scalar EM power contained in the normal EM carriers is unknown. Transmitting pulses at about 7 Hz, it appears that enormous standing waves were inadvertently set up in-phase in the atmospheric duct around the earth. That is, the powerful carriers were circling the earth about 7 times per second, coming back around in phase with the previous loop. The scalar content also was in phase. The in-phase scalar component apparently produced the phenomenon of "kindling"; i.e., of "charging up" the loop with Whittaker (1903) gravity potential. This potential was perfectly in phase with the cavity resonance of the earth-ionosphere, and so the liquid-filled crustal features of the earth and the ionosphere coupled to it. In short, the potential became self sustaining, and increasing as long as the transmitters kept pouring in carrier power. The result was giant standing waves of totally unsuspected magnitude. The frightened Russians hurriedly turned off the transmitters, but were then faced with an undamped, sustained oscillation of the giant potential. Thoroughly frightened, the Soviets radiated intense bursts of power at the waves, trying to break up their coherence. According to one source, these waves lasted several months under that bombardment before gradually dissipating. Note that experiments by Dr. Robert Helliwell at the U.S. Antarctic research camp known as Siple Station has shown fairly conclusively that radio waves can be magnified up to 1,000 times or more in the ionosphere, according to reports in the open literature.

On September 10, 1976, the crew and passengers of British European Airway Flight 831, over Lithuania enroute from Moscow to London, observed an intensely glowing, stationary ball of light above the clouds underneath the plane. <https://cheniere.org/books/part1/teslaweapons.htm> When alerted by the airline pilot, Soviet authorities on the ground curtly informed him to pay no attention and, effectively, to exit the area. This Soviet reaction indicates that the incident may have been a Soviet test of an unknown type of device—in short, a scalar EM interferometer. If so, the interferometer intersection zone was deliberately placed near the aircraft to stimulate the crew and passengers. By the later reaction of the British government to the incident, the Soviets could ascertain whether or not Britain was cognizant of scalar electromagnetics.

On May 18, 1977, the Soviets signed an agreement with the U.S. and 29 other countries, promising not to attack each other by causing man-made storms,

earthquakes, or tidal waves. The Soviets had already tested weather control against the U.S. in 1967 and had been steadily using it against America for almost a year.

On April 2, 1978, an anomalous straight, not jagged, beam of "lightning" came down from the sky at a 45 degree angle to the ground and struck Bell Island, Newfoundland, causing a loud explosion and damage to some houses, etc. Two cup-shaped holes about two feet deep and three feet wide marked the major impact. Wires leading to a shed and coop nearby were vaporized. Both structures suffered considerable damage, but no burning occurred except for a slightly scorched spruce tree. The anomalous bolt did not discharge into prominent metal contact points, such as a metal chimney running down to an iron stove. Instead, all the wiring on the property was blown out. A number of TV sets in Lance Cove, the surrounding community, also exploded at the time of the blast. Weather men confirmed that atmospheric conditions at the time were not conducive to lightning. The blast was heard 45 kilometers away in Cape Broyle. Apparently U.S. Vela satellites picked up the event. The incident was investigated promptly by two representatives from a U.S. weapons laboratory at Los Alamos, according to the news media.

On Nov. 21, 1977, cloud indications of a huge standing wave was observed off the Pacific coast of America, reaching from Alaska to Chile. Satellite photos show cloud banks over this stretch of the ocean, lying offshore, and reaching for the whole of the distance. These clouds grazed the land slightly at California. There a straight black line, as through drawn by a ruler, appeared in the cloud mass. It was an opening in the clouds, one mile wide and 200 miles long. There was no known explanation. This was a phenomenon without parallel in past records.

A series of anomalous high altitude booms occurred off the East coast of the U.S. around the end of the year in 1977-78, though some activity had started as early as July 1977. Flashes associated with some of the booms were observed. On Dec. 27, President Carter called for a full report. No reason could be found. These explosions represented adjustment of the interference grid that had been established over the U.S. by the crossed Woodpecker beams <https://cheniere.org/books/ferdelance/s63.htm>, and artillery-type high burst registration of scalar EM howitzers. Numerous other adjustments of the grid and registration of howitzers have occurred over the U.S.

The peculiar "nuclear flashes" seen by the Vela satellites in September 1979 and December 1980 could have been due to a testing of a scalar EM howitzer in the pulsed exothermic mode. In the mode, scalar EM pulses meet at a distance, where their interference produces a sharp electromagnetic explosion (hence the "flash", very similar to the initial EMP flash of a nuclear explosion. Even in the vacuum of space, such an explosive eruption of energy from within the local spacetime vacuum itself may be expected to lift matter from the Dirac sea, producing a plasma. Prompt absorption and re-radiation of energy from this sudden plasma may be expected to present nearly the same "double peak" profile as does a nuclear explosion. This was the profile presented by the flashes. Note that the second flash detected was apparently of an "explosion" primarily in the infrared, almost certainly ruling out a conventional nuclear event. It does not rule out, however, pulsed distant holography using pumped EM giant time-reversed wave transmitters.

From Afghanistan in September 1979, British war cameraman Nick Downie observed gigantic, expanding spheres of light deep within the Soviet Union <https://cheniere.org/books/part1/teslaweapons.htm>, toward the direction of Saryshagan missile test range. Saryshagan apparently contains at least one directed energy or particle beam installation which could possibly function as a scalar interferometer/ scalar EM howitzer. Downie observed multiple incidents in the direction of Saryshagan during the actual month (September 1979) that the first anomalous flash was detected by U.S. Vela satellites. On the other hand, there also exists tenuous evidence that these Vela events may have been associated with weaponry of another nation, not hostile to the U.S. There is evidence that this second nation also possesses scalar EM weapons, as do two additional nations besides the Soviet Union.

In latter 1980, a most anomalous drought was induced in the United States. On Feb. 2, 1981, the Washington Post commented: "For the past four months, a single weather pattern has gripped virtually the entire United States, causing a coast-to-coast drought unique in the annals of weather recording... The weather system causing the drought is one of the most unusual national patterns ever recorded." It was also one of the most artificial ones ever recorded!

On January 20-21, 1982 a swarm of more than 1,400 earth tremors occurred in that two-day period in north central Arkansas. Beginning on Jan. 12, activity had

started in the swarm area, and three quakes registering above above 4.0 on the Richter scalar were recorded. The strongest was on Jan 20, and measured 4.5. There had been no previous recorded earth tremors in the area. Long dormant faults near the Ouachita Mountains were suspected as being responsible. Note that strong scalar waves, passing through the Ouachita fault zones, could have stimulated such activity, since a fault is a natural scalar interferometer and thus a scalar transmitter/receiver. Scalar reception would result in increased electricity in the rocks in the fault zone, in turn increasing the mechanical pressure in the rocks. Since the Soviets were heavily engaged in scalar EM weather engineering operations over North America in 1982, these tremors may have been side effects of those operations.

On June 18, 1982, pilots and crews of Japan Air Lines Flights 403 and 421 reported sighting a giant, expanding globe of light in the North Pacific, 700 kilometers east of Kushiro. This was another test of a scalar EM howitzer/interferometer producing a "giant globular shell" of energy at a great distance. When small, the intense shell produces a very high EGP and also a very high EMP inside the matter of any object penetrating the shell. The EMP will dud any and all electronic equipment; explode high explosives, fuels, and combustibles; and render any modern weapon harmless. The high EGP will detonate a nuclear warhead immediately in a "full-up" nuclear detonation. It will also instantly kill any living creature, including every cell, bacterium, virus, and organism in its body. It will also detonate any ordinary, non-radioactive material with a low-order nuclear detonation of all its nuclei. As the globular shell is made very large, "energy density" in its shell is reduced. However, any nuclear material or device will still suffer a low-order nuclear detonation from the EGP, and any biological system will still be instantly killed. The EMP will still dud any electromagnetic equipment presently made. As can be seen, the globe can be used to defend an entire sector of the sky against any kind of incoming threat—with 100% effectiveness. A hemispherical shield can be placed over one's own field army for terminal stage defense, and/or over the opposing force for initial phase defense, against most everything!

On July 20, 1982, Soviet official Lysenko of the Soviet Embassy in Washington, D.C. stated publicly that, should nuclear disarmament fail, the Soviets would quickly introduce new weapons more powerful than nuclear arms, and these

weapons would not be verifiable. U.S. Army Col. John Alexander, together with this author, was in the audience and heard Lysenko's statement.

In latter December, 1982, odd, anomalous atmospheric booms occurred over Ohio. These represented tests and adjustments of the scalar EM interference grid over the U.S. and the probable registration of scalar EM howitzers used in conjunction with the grid. (See FDL for complete details of this grid weapon.).

Anomalous " laser blinding " of U.S. satellites over the Soviet Union has occurred on several occasions. On one occasion, a satellite was blinded for up to four hours. While such non-damaging blinding would be difficult for a ground-based laser to accomplish, it would be simple for a scalar EM interferometer—or a ground-based scalar EM laser—to accomplish, since the amount of energy deposited upon and within the satellite could be precisely controlled and even directly monitored. A possibly related anomalous temporary disabling of two or three power supplies has been demonstrated upon the British satellite Ariel 6 when passing over British Columbia or the Caspian Sea, if the sun is shining.

In mid-January, 1983, so-called "sonic booms" shook the air over Pennsylvania. In latter February, 1983 anomalous booms occurred over New York, and anomalous tremors shook the Mississippi Gulf Coast. Anomalous booms also shook Ohio.

On April 9, 1984 a gigantic mushroom cloud— glowing, like a "halo"—rapidly emerged from above the ocean off the coast of Japan. The cloud grew to 60,000 feet or so within two minutes, and reached an enormous diameter estimated at 200 miles. Several Boeing 747 jet airliners were in the general vicinity; at least one of them was piloted by a former B-52 pilot who took evasive action, since the phenomenon resembled a giant nuclear explosion. However, there was no blinding flash of light, and no massive shock wave overlook the aircraft. Walker et al investigated the seismic and underwater acoustic instrumentation data surrounding the period of the incident, and essentially ruled out all known natural phenomena. They concluded that the incident was either an as yet unknown natural phenomenon or man-made explosion. In fact, it was very probably a test of a giant scalar EM howitzer, used in the endothermic (heat energy withdrawing) mode. Sudden energy withdrawal in a region above the ocean resulted in a sudden low pressure, sucking up a giant cloud of moisture. Inrushing air pushed the cloud upward into a giant mushroom, much like a giant expanding thundercloud anvil

wells up when it forms, only faster. Walker and colleagues have again examined the reported position of the cloud, and placed it much nearer to the Soviet Union—between the Kurils and Sakhalin.

Four stages were observed: (1) a towering, cumulus-like cloud rose out of the stratiform layer, (2) the cloud tower faded and was replaced with a small semicircular halo segment, (3) the halo expanded to a full circle, and (4) the halo expanded further and dissipated. The diameter of the halo at maximum size is now estimated to have been at least 380 miles, and the altitude of its center (at maximum size) is estimated to have been greater than 200 miles.

Note that the upper edge of the shell would have been at an altitude greater than 380 miles. This sort of "Tesla shield" is an antimissile and anti-aircraft defense shield. Any object penetrating the shell receives both an electrogravitational pulse (EGP) and electromagnetic pulse (EMP) arising inside it, from within its local spacetime. The EMP will dud all electronics and explode all high explosive (HE) materials. EMI shielding is ineffectual, since the EM energy pulse arises everywhere within the vehicle, warhead, and circuitry from spacetime itself. The EGP will immediately fission radioactive material. If a strong EGP is experienced, a nuclear warhead or warheads will explode "full order", instantly. In fact, even the nuclei of ordinary, nonradioactive material struck by a strong EGP will fission in a low order nuclear explosion. In the "small shell" or "small globe" variant, a sufficiently strong EGP will be experienced by a penetrating object to cause full order detonation of nuclear warheads. In the "large shell" or "large globe" variant, a weaker EGP will be experienced, causing low order detonation or merely disruption of nuclear warheads.* As can be seen this defense weapon is effective against all types of warheads (nuclear, HE, etc.) and all types of penetrating vehicles (bombers, ballistic missiles, cruise missiles, RPVs, artillery shells, etc.). The 1968 statement in *Voyennaya Strategiya* (Military Strategy) by V.D. Sokolovskiy that 100 percent defense against missiles and aircraft is possible, and that this capability had been achieved by the Soviet Union, but not by the West, is true.

* It will also explode fuel, propellants, and HE explosives, dud all electronics, kill all personnel, etc. at the same time.

Thus the incident apparently represents three tests in one: (1) the initial "cold explosion," or test of the howitzer in the endothermic mode, and (2) the immediate switching of the howitzer to the exothermic mode and creation of a small hemispherical shell of energy (Tesla shield). (3) The shield was then expanded into a globular shell, and expanded to giant size. The globular part of the exothermic test was very similar to the Soviet test observed from Teheran on June 17, 1966. The glowing hemispherical shell was similar to several previous Soviet tests observe over the ocean and reported in the open literature. For example, on Mar. 24, 1977, the H.M.V. Kinpurnie Castle observed a large, moderately luminous hemisphere of light formed over the ocean, and the formation of two luminous patches or globes, one inside the hemisphere and one outside. The phenomena disappeared after 10 minutes. The gigantic incident off the coast of Japan on April 9, 1984 was indeed the testing of a giant Soviet scalar EM weapon.

On the night of July 26, 1984, the pilot and crew of a Boeing 747 (American carrier) flying from Tokyo to Fairbanks, near the Kuril Islands, noticed a slowly expanding hemisphere of white light off to their left above the horizon. The shell of light continued to expand over a 10 minute period until ahead of them and to the right. The crew braced for a shock wave which never arrived. Their weather radar saw nothing out of the ordinary. The shell of light had sharp edges and was semitransparent so that stars became visible through it. This was another Soviet test of the Tesla shield. Numerous sightings of this phenomenon have been made by airline pilots flying in and out of Japan.

In early December 1984, significant adjustments of the scalar EM interference grid occurred. In the vicinity of Los Angeles and San Diego, anomalous aerial phenomena such as explosions, rumblings, airquakes, and buildings and windows shaking without seismic disturbances occurred. A sharp and unexpected weather front appeared, racking the area with high winds on the night of Dec. 12, producing wide-spread damage and power outages. The newly-formed front, steered by the dynamic Soviet woodpecker grid, moved on to produce significant snowstorms in other areas; even Tucson received a snow "dump" of 20 inches. Prior to the Dec. 12 anomalous weather front, this author accurately predicted an impending sudden drastic change in the weather in a brief interview over Radio station KABC, Los Angeles after the Dec. 8-9 anomalous aerial and ground structure disturbances.

Complete explanation of Soviet weather engineering is given in Bearden, "Soviet Weather Engineering Over North America," 1985, 1-hr. videotape.

In January 1985, an incident of U.S. Navy-dispersed chaff drifting toward San Diego, California from off-coast was associated with significant failures of electrical systems and components in the city. Power was interrupted to as many as 60,000 homes. A specialized structure such as a piece of sophisticated chaff will reflect scalar waves of frequencies within its cut bandwidth. If scalar frequencies within the chaff bandwidth were present on the Woodpecker carrier grid above and surrounding San Diego, a myriad of reflecting bits of chaff in the moving chaff cloud would produce myriads of random, invisible "fireflies" of electromagnetic energy kindling at a distance, from randomized scalar interferometry, in a zone surrounding the cloud. As these "firefly" pulses of EM energy occurred inside components of the electrical system, interference would occur, leading to anomalous electrical failures. That is apparently exactly what happened.

In February, 1985 a China Airlines Boeing 747 aircraft enroute to Los Angeles suffered anomalous engine flameout. The jetliner fell 32,000 feet, and the pilot finally managed to restart the engines and make an emergency landing in San Francisco. In the incident, different instruments apparently disagreed with each other, and disagreed with the observations of the pilot and crew. This is a direct indication of the test of one type of scalar EM weapon detailed in Fer-de-Lance. Only a "mild" test was conducted, as the Soviets apparently did not yet wish to actually destroy the aircraft.*

*Scalar interferometry (endothermic mode) causes electrostatic cooling in the internal combustion gases of the jet turbines. This reduces the pressure, and the thrust. When cooled sufficiently, the engines flame out and fail. They cannot be restarted until the scalar charge has time to drain away.

We mention in passing that, in 1972, at a secret meeting of the leaders of the communist parties of Europe, Brezhnev named the year 1985 as the target year that the Soviets would be free to do as they will, anywhere on the globe. He stated that by that year the Soviet Union would control the oceans, the atmosphere, and 90% of the land area. We accent that he said control, not invade, conquer or occupy. [In 1960, Khrushchev also laid out a time schedule that focused on readiness, with technical superiority, in 1985.]

In latter April, 1985, Frank Golden discovered the rather sudden Soviet activation of 54 powerful scalar EM frequencies (27 pairs, each pair 12 kilohertz apart) transmitted into the earth and utilized to stimulate the earth into forced electrogravitational resonance on all 54 frequencies. These represented 27 giant "power taps" into the earth, each tap extracting enormous energy from the molten core of the earth itself, and turning it into ordinary electrical power. Each giant tap is capable of powering 4 to 6 of the largest scalar EM howitzers possessed by the Soviet Union.

In and around May Day 1985, the Soviets conducted a massive, "full up" strategy exercise of the scalar EM weapon systems and communications strategic exercise, monitored by Frank Golden (and for several hours, by the author). For the May Day 1985 celebration, the 40th anniversary of the end of WWII, the Soviets conducted a full-up demonstration of the scalar EM superweapons armada for Gorbachev, the recently selected leader. Apparently over 100 giant scalar EM weapons were activated. Twenty-seven gigantic "power taps" were established by resonating the earth electrogravitationally on 54 frequencies (27 pairs where the two are separated from each other by 12 kHz.). By alternating the potentials and loads of each of the two paired transmitters, electrical energy—in enormous amounts—can be extracted from the earth itself, fed by the "giant cathode" that is the earth's molten core. Scalar EM command and control systems, including high data rate communications with underwater submarines, were also activated on a massive scale. The exercise went on for several days, as power taps were switched in and out, and command and control systems went up and down. This exercise represented the achievement of Brezhnev's 1972 statement that by 1985 the Soviets would be prepared to do as they wish, anywhere in the world.

August 28, 1985. A Titan 34-D missile launched from Vandenberg Air Force Base blew up after launch. The loss has officially been attributed to failure of a high-powered fuel pump, causing a massive oxidizer leak and a smaller fuel leak. While the Soviets may have used a small EM missile to disable the pump, no evidence is available at this time to support that hypothesis. Note, however, that the loss date is well after the complete exercise of all the Soviet strategic weapons in late April-early May. It is also within the time of the "anomalous booms" accompanying full-up testing of the Soviet prelaunch ABM/antibomber system against shuttle launches from Cape Canaveral. The Soviets may very well have decided to test the

first actual "quickest reaction time possible" destruction of a real, launched US. missile in August, 1985, followed by the decision to test the first actual "quickest reaction time possible" destruction of a real aircraft (simulated bomber) in December, 1985.

Nov. 26, 1985. Launch of the shuttle Atlantis occurred in the evening at Cape Canaveral. A mysterious light was hanging in the sky; it was the marker beacon for registration of a Soviet prelaunch phase ABM/antibomber system. Just prior to launch, an EM missile strike occurred in the vicinity, as an offset test of an associated scalar interferometer in the exothermic mode. A photograph of the anomalous incident is highly suggestive of just such an EM missile. Twelve minutes after launch when the shuttle was safely down range and out of the way, a huge atmospheric, rumbling explosion occurred over the area, and was heard for hundreds of miles up and down the coast. This represented the test of the "multiple missile launch" kill mode of the weapon system. The marker beacon, seen by hundreds of persons, was photographed as it was slewed away by the distant Soviet operator. Many booms and rumbles have occurred over Florida for several years, as the Soviets adjusted and tested the various modes of the scalar EM grid weapon system. The shuttle launch on Nov. 26, 1985 was the third shuttle launch in which the giant explosion occurred over the area some minutes after launch. The Soviets were using the shuttle launches as a convenient simulation of a "missile target launch", against which to test their prelaunch ABM/antibomber system.

On Dec. 12, 1985 the same Soviet weapon tested against the previous NASA shuttle launches and against various aircraft deliberately destroy an Arrow DC-8 taking off from Gander Air Force Base, Newfoundland. At lift-off, the aircraft—carrying over 258 U.S. marines and aircrew—lost power and sank into the ground tail-low, killing everyone on board.* It was a tragedy of enormous proportions, and especially to the families and friends of the brave servicemen and crewmembers who lost their lives. Three Canadian witnesses to the crash were interviewed over the Canadian Broadcast network television news on April 8, 1986 at 10:00 p.m. No flame or smoke issued from the plane before its descent and crash. However, the witnesses reported that the aircraft was mysteriously glowing with a yellow or orange halo. That is a signature of the use of a scalar EM howitzer in the "continuous EM emergence" mode, similar to the manner in which several F-111's were downed in Vietnam. DC-8's electrical systems were interfered with by EM

energy and EM jamming noise created throughout each increment of spacetime occupied by the aircraft. A powerful charge was rapidly built up on the aircraft structures and skin. The "yellow glow" seen by the witnesses was a corona due to the skin of the aircraft acquiring a high electrical charge. The loss of the engines was probably due to the distant Soviet operator applying a localized endothermic (energy extraction) beam to the engines. In fact, one eyewitness actually saw the crossed, glowing beams form in the clouds and a ball or beam of light then go from that glow and strike the aircraft. Instant fire to the plastics inside the aircraft occurred, emitting deadly gases. Half the occupants died of cyanide inhalation before the aircraft struck the ground and exploded. The stricken airliner passed directly over one observer who heard its engines roaring in painful labor, rather than with the full-throated roar of normal power. The distant Russian operator/gunner apparently tracked the aircraft down the runway, using two modes against it: (1) energy interference, and (2) energy extraction.

* An anomalous hole - characteristic of an electrogravitational (scalar EM) strike - was in a section of the fuselage ahead of the engines.

On Jan. 1, 1986, a startled Frank Golden detected —and physically verified with a special technique— that a metal softening scalar EM signal had been added onto the Soviet Woodpecker signals. Thus, at that time the Soviet Union was preparing to exercise a metal softening test at some future time, in some location over the U.S.** Note this signal could also have been present for the Dec. 12 destruction of the Arrow DC-8 at Gander AFB, Newfoundland.

On Jan. 28, 1986 the Challenger disaster occurred. The Challenger was positively killed by the Soviet Union, using the scalar EM weapons through the Woodpecker grid. A host of indicators occurred.

1- The anomalous cold weather in Florida was definitely engineered by the USSR,

2 - Specialized cloud patterns associated with Soviet grid engineering and weather engineering were observed and photographed in Los Angeles, California and Huntsville, Alabama, beginning several days before the incident, and particularly on the evening before the launch,

3 - The normal "pivot point" for turning the jetstream northeastward was moved south from Huntsville, Alabama to Birmingham, Alabama by the Soviets; this was

to force the jetstream much further south, and consequently move unusually cold air into the Florida panhandle, exposing the shuttle to undue cold stress,

4 - About 4 hours before launch; all Soviet ships off shore suddenly left the area at speed; this was the first shuttle launch not "shadowed" by Soviet ships,

5 - On the morning of the launch, higher frequencies were added to the interference grid to enable much-enhanced localization. The brains of small birds are very sensitive to these higher frequencies, due to their small diameter (wavelength) as a scalar EM receiver. If they remained in the area of localization, the birds would be in intense pain or killed. On the morning of the launch, national TV network news, announcers, noted that no birds at all were flying in the area, something which had never happened before.

6 - At the time of the shuttle's destruction, a giant radial cloud pattern was actually in the general vicinity;

7 - Three previous shuttle launches—the last on Nov. 26,1985—had been used as direct test targets for tests of the Soviet launch phase ABM/antibomber defense system so the weapon was "zeroed in" on the launch site,

8 - The anomalous destruction of the Arrow DC-8 <https://cheniere.org/books/gravitobiology/dc8.htm> on Dec. 12, 1985 had already indicated a Soviet decision to elevate the testing to the actual destruction of targeted vehicles,

9 - At the time of the launch, anomalous electromagnetic phenomena occurred in nearby restaurants,

10 - A metal-softening signal was on the grid, as previously detected by Golden. This signal would be detected by the launch flame, and after ignition would result in a steady weakening of the metal in and around the booster flame. Note that the metal was already cold-stressed beyond what it had been tested to withstand,

11 - Almost immediately after ignition, the booster seals vented, giving evidence that the cold stress and the metal-softening signal were weakening the system,

12 - An anomalous 10 second or so burnthrough of the weakened booster occurred,

13 - An anomalous "light"—possibly a Soviet EM missile —was observed to play on the rocket before it blew up,

14 - An anomalous "flat plate" earthquake over about 11 states occurred within days after destruction of the shuttle. This type of quake is strongly suspicious, and it was probably the test of the grid/howitzers in a ground wave interferometry mode,

15 - Substantial winds and air turbulence over the launch site increased the stress on the Challenger as it rose through this region. With a giant cloud radial in the area, one strongly suspects that the turbulence may have been deliberately created or augmented by the Soviet scalar EM grid,

16 - A few days later, from 1-4 February 1986, many birds inadvertently flew into the new, localized "pivot point" at Birmingham, Alabama, encountered the high frequency components, and dead birds fell from the sky in substantial numbers. Many different kinds of birds were involved.

17 - Most significant of all, General Daniel Graham has reported that, on the evening after the death of the Challenger, the Soviet KGB gave a party and celebrated the success of their perfect active measures against the Challenger! Note that all development, deployment, employment, and command and control of the Soviet scalar EM weapons are under the KGB. Finally, a U.S. classified investigation of the Challenger disaster was ordered by Congress, but its results have not been made public. Beyond any doubt the Soviets destroyed the Challenger, and killed the seven brave astronauts aboard the spaceship.

On Apr. 18, 1985 a Titan 34-D missile, launched from Vandenberg Air Force Base, blew up 5 seconds after launch. Video cameras inadvertently caught the Soviet marker beacon, used with the scalar EM howitzer that destroyed the Titan, up and above the explosion, moving independently. Engineer Ron Cole personally examined the video frame by frame and asserted that the hovering ball of light was completely separate. This positive signature leaves no doubt that the Soviets destroyed that missile also. The previous Titan 34-D missile launch there in August, 1985 also blew up just after lift-off.

On May 3, 1986 a NASA Delta rocket carrying a critically-needed weather satellite failed. The rocket suffered an anomalous "command-type" shutdown of its main

engine during launch and began to veer off course, causing the range safety officer to destroy it. On a network video tape replay (several replays in succession), immediately after the loss of the rocket, this author observed that an anomalous light moved up from beneath the rocket and struck it, seconds before the destruction. Subsequent attempts to locate that particular videotape have met with failure. Several other persons were watching the replay with me at the time, and saw the anomalous light strike the rocket. The light plus the "internal command surges" are strongly indicative of time-reversed EM pulses and interferometry from a pumped phase conjugate mirror adjunct operating with an over-the-horizon tracking mode.

Also in May, 1986 a European Ariane missile was lost shortly after launch. There is at least one published news analyst report that the French Government concluded that the Soviets had interfered with the missile and caused its loss. No further evidence is available to this author regarding this incident, except one unevaluatable report from a wealthy financier that when he visited the Soviet Union, the French President discussed that issue with Gorbachev.

In October, 1986, the Iceland Summit conference was held between Reagan and Gorbachev. The Soviets offered a breathtaking "zero-option" proposal, intended to lead to dismantling of most major strategic nuclear weapons, which would greatly ease the way to much more drastic employment of Soviet EM weapons. In short, if nuclear disarmament could be engineered, the U.S.'s "dead-man fuzing" against extensive employment of Soviet weapons would be almost eliminated. In that case, with its deployed, massive scalar EM weapons unleashed, the Soviet Union immediately holds the winning hand, and could rapidly proceed to dominate and control most of the earth. The Soviet offer was conditioned on the severe limitation of SDI to the laboratory, however, and Reagan balked at this. The reason for adamant Soviet insistence that the SDI genie must not be tested in space is that, should the U.S. develop scalar EM weapons—such as high energy scalar lasers—and deploy them as SDI modifications, the power would be enormously increased. With one or two shots, such a laser could devastate a whole republic of the USSR.* If tested in space, prototype SDI launch and deployment vehicles would be available, even though the SDI system was not yet completed and deployed. In that case, the U.S. could possibly quickly launch several scalar EM weapons in retaliation for Soviet strikes against the U.S.—and from space even one weapon

could destroy the Soviet Union. Thus, unless the SDI genie is chained up in the lab, a Soviet scalar EM initiative to dominate the world would involve unacceptable risk to the Soviet Union. At this writing, Gorbachev has mounted a great propaganda campaign to try to stimulate U.S. citizens, scientists, and political activists to demand nuclear disarmament, clearing out the U.S. dead-man fuzing.

*Their EGPs, however would detonate nuclear warheads and nuclear facilities. The resulting fallout would devastate the earth. Such a use would be suicidal. But it would be a first-strike weapon, if a madman pulled the trigger.

During the spring of 1986, abnormally strong Soviet weather engineering occurred over the U.S., causing a drastic drought in the southeastern U.S. This drought was broken by a colleague who used an extremely powerful scalar EM device to redirect jetstreams. A most unusual and unique signature of the "blocking" against the Soviet scalar EM actions resulted: Two huge circulations developed in the atmosphere, clearly showed as two adjacent giant "holes" in the swirling cloud cover over the middle and eastern U.S. Between these two giant holes, the cloud circulations formed a stream of clouds, moving to the south, looking very: much like a giant vertical "bar" of a huge "Y-shaped" cloud flow.* Several national weathermen commented on this unusual pattern, which had not been observed before. The pattern continued, day after day, as the blocking continued. * On the weather maps.

My colleague suffered a drastic illness and a serious operation, which interrupted the blocking operation. Immediately the jet streams changed back and serious drought returned to the southeast U.S., devastating a substantial portion of farm crops in the region. After some time, my colleague recovered sufficiently to resume blocking operations, breaking the drought and restoring the rains once again.

In latter October and early November, 1986, significant giant radial cloud patterns, associated with Soviet weather engineering using the scalar EM interference grid, were seen and photographed over California in the greater Los Angeles area. On Monday, Nov. 10, 1986 an anomalous, giant "fireball" was seen by hundreds of persons to move from west to east. It was seen over 4 states, and accompanied very sharp changes in the EM grid. An anomalous winter storm was in progress, with cold air spilling down from Canada. The storm penetrated very deeply southward, breaking cold records in a wide area of the mid-United States. At the same time,

heat records were being broken in Florida, and generally throughout the southeast. Frank Golden verified by direct measurement that the electrogravitational field of the earth was agitated and most dynamic—in short, significant activity was being introduced by the Soviet scalar EM grid. (The activity was about half what it is when the Soviets are inducing an earthquake.).

On Wednesday, Nov. 12, 1986, the author photographed three giant radial cloud patterns—one a "twin"—in Huntsville, Alabama, associated with the anomalous storm, now labeled the "Siberian express" by many news reports.

On Thursday, Nov. 3, 1986 at Huntsville, the author observed another twin giant radial, gently moving along from west to east. At dusk, another single giant radial was observed at Huntsville. Also, air control radars along the corridor from Los Angeles to Arizona suffered a mysterious failure or "power outage" not long after the "meteor" incident. Reports were received from Montreal, Canada that anomalous TV interference was experienced in that area about the same time the air control radars experienced anomalous failure. This may show that the agent causing the radar failures and TV interference extended across a wide area of North America. Note that the normal intersection of the Woodpecker beams covers such a broad area of North America in the interference zone of the beams. The so-called "meteor" (actually, a large, rapidly moving light was seen and noise was heard) of Nov. 10 may well have been a large scalar EM ball from the Woodpecker grid weapon transmitters, performing a simulated test of the multiple-vehicle kill mode, using a large "electromagnetic missile" created and moved by the associated scalar howitzers. Complete explanation of the operation of these systems is contained in *Fer-de-Lance* and other books and papers.

As this background summary is cutoff in mid November 1986, it does not include evidence of indications that exist for Soviet scalar EM enhancement or biological warfare against the West. The reader should be aware of the potential scalar BW threat, and the general lack of any effort to collate evidence in that area. [That area has been covered in the author's book, *AIDS: Biological Warfare*, Tesla book Co., 1988. For complete coverage, see the author's *Gravitobiology: A New Physics*, 1989.]

For the present Soviet tactic, see the author's "Glasnost: 29th Move of a 30-Move Chess Game," *Raum & Zeit.* in publication, and "Political Manipulation of Unified Field Theory," *Raum & Zeit.* in publication.

ADDITIONAL NOTES AND REFERENCES

14. For details of the mysterious explosions of six major Soviet missile ammunition storage sites in seven months, see photograph, *Jane's Defence Weekly*, 2(3), July 28, 1984, p. 92; see also Mark Daly, "Goa and Goblet SAMs in Severomorsk explosion," *Jane's Defence Weekly*, 2(6), Aug. 18, 1984, p. 224; Derek Wood, "Soviets' northern fleet disabled... 'not viable' for six months," *Jane's Defence Weekly*, 2(1), July 14, 1984, p.3; Derek Wood, "Six explosions in the past seven months," *Jane's Defence Weekly*, 2(1), July 14, 1984, p. 3; John Moore, "The aftermath of Severomorsk," *Jane's Defence Weekly*, 2(6), Aug. 18, 1984, p.224.

Note from Webmaster: it doesn't stop in 1986.

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This is a megacollection of dr. Tom Bearden's fascinating books and other corresponding documents which gathers together an amazing 30+ years of research into the unknown and often controversial areas of natural sciences. The scope of his work is unparalleled and can only be grasped after you've read all of his major books which deal with such important topics as extracting energy from active vacuum, new electromagnetics as Tesla had envisioned it and new application based upon it, especially in areas of medicine and modern warfare.

Serving as Lt. Col. in US Army where he acted as senior scientist in development of major defense systems, tactics and operational technical intelligence. His specialty was nuclear weapons employment, computerized wargames, missile countermeasures and intelligence analysis of Soviet scalar superweapons of which he is world famous. What distinguishes him from the rest is that he actually dared to write some books covering this upmost covert warfare which has been under development for the past 50+ years in special black military projects all around the world.

By trying to understand the physics of those terrifying weapons he realized that a major shift of paradigm in science is required in order to properly understand how they actually worked. The results of this research and startling new applications are layed out in his fascinating books, articles, slide presentations etc., where he tries to explain the hardcore science in layman's terms which makes his work especially appealing to everyday people. A major collection not to be missed!

Of special importance in this collection are all his major books:

- AIDS - Biological warfare (1988): explains how diseases can be caused and cured purely on an electromagnetic basis
- Excalibur briefing - Explaining paranormal phenomena (1988): an attempt to scientifically explain all paranormal things such as UFOs (any kind), psychics, remote viewing, psi phenomena and many other unexplained and puzzling phenomena
- Gravitobiology - A new biophysics (1991): applying extended electromagnetic to living systems this unique book gives an insight in a new and exciting branch of biophysics called electrogravitobiology or short gravitobiology
- Final secret of free energy (1993): short booklet explaining the basic principle of asymmetric regauging inside any electric circuit for purposes of extracting free energy
- Energy from vacuum-concepts and principles (2002): considered a bible of free energy physics and systems, his best book ever written
- Fer de lance (2002): breakthrough book on advanced Tesla weapons systems clandestinely developed by major superpowers, how they work and history of their usage
- Oblivion - America at the Brink (2005): his newest blockbuster and major tour-de-force of advanced Tesla weapons and their use in weather engineering and other strategic uses all around the world, intended as a briefing for highest government officials

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