Teslar[®] Technology Revealed as a Classic Scalar Instrument

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Teslar Technology was a forerunner to the scalar instruments of today and even now paves the way to a quantum nanotech future. It was ahead of its time in 1986 and is now becoming an instrument utilized by thousands because of its rapid response to biological systems. How does this very simple instrument in a watch create such a profound effect?

Dr. Shenechi Seiki of the Gravity Research Laboratory in Uwajima City, Japan, wrote a book containing nearly 400 pages of higher mathematics on the nature of gravity energy fields (<u>Ultra</u> <u>Relativity</u>, Shenechi Seike, I-32 Chome, Maruhochok, Uwajima City, Ehime (798) Japan; Gravity Research Laboratory 1969). In his book, Dr Seiki examines the electric field properties of a mobius band and other bucking field coils. Using standard Maxwellian field equations, Dr. Seiki postulates that a bucking coil, such as a mobius used in the Teslar technology, will generate an intense gravitational wave field when properly energized by external electrical currents.

Dr. Seike further postulates that roles of electricity and magnetism will be reversed and a magnetic monopolar field will result. The magnetic lines of force will cancel. In their place will be a new inverted space-time field. Even before Dr Seike's publication, there is a patent by R.L. Davis, an engineer who worked for Sandia Laboratories under NASA contract. His patent #3,267,406 issued in 1964 covers the use of the mobius design as a perfect non conductive resistor. This means that a resistor made in the mobius configuration will not generate a magnetic field, and will therefore produce zero electrical interference. This quality is most important in the high density, high speed computer circuitry used in spacecraft. A copy of the NASA Tech Brief on the mobius resistor can be obtained by requesting NASA. However, the application of the mobius used in the Teslar works as an antenna for generating gravitational waves, not as a resistor. The concept of inverting magnetism and electricity was unknown to Davis and NASA at that time. However, at the last EEIM Conference sponsored by the Air Force, NASA and other notable institutions, pulsed nanosecond electromagnetic fields and non hertzian waves were the format of discussion in new research; even though no one had a clue how to apply the technology in a consumer based format.

Today, quantum produced scalars are an accepted premise by many physicists and researchers. T.E. Bearden wrote that scalar electro magnetics are the quantum mechanical effects and influences that can be produced by electrical and magnetic scalar potentials in force field regions of zero - E (electric) and zero-B (magnetic). The E and the B potentials create E and B-fields (B-fields are also known as H-fields). Even though Bearden has some paranoid ideas, you cannot disregard the Bohm-Aharonov effect which shows that the E and B-fields remain zero while the potentials cause physical effects. By opposing magnets and electric fields the sum to zero creates the zero scalar field. It is the potentials that are the primary entities, and the fields are derived and secondary to the quantum electrodynamics. This follows from quantum mechanics and was proven in the 60's, but only recently the conclusion of classical mechanic theory. It took over thirty years for physicists to realize the primary actuality of scalar potentials. The implications of the Bohm-Aharonov discovery have not been accepted by all western physicists

and electrical engineers, but the trend is changing, as nearly all physics labs have quantum calculation departments.

Scalar is the buzzword for the Non-Hertzian, Tesla Free Standing Waves produced by the Teslar. Scalar waves lack frequency and mass. The complex quaternion mathematical notations for scalar waves are derived from James Clerk Maxwell's unified field theory for electromagnetics (1862). In the case of the Teslar, ordinary transverse electromagnetic waves (battery source) are coupled with the Tesla (Scalar) Longitudinal Waves (the chip-coil) using a magnetic component (sweep second hand mechanism).

Dr. Patrick Cornelli wrote that scalar waves are like sound waves except that energy propagation is in the form of an oscillatory motion in the longitudinal direction instead of transverse. Scalar waves occur in the vacuum of collapsed fields and can only be quantified in terms of potential energy like water behind a dam. Scalar potential comes from an accumulated charge within the chip itself, which is released as a pulsed fast rise time wave form collapsing to '0-point' with the electric field of the battery. Scalar waves are hyper-spatial, meaning what we view as 'normal' is rotated in space time. In quantum reality, the human brain is a biological space time energy transducer as it creates electrical and magnetic fields (that is where thought comes from). Tied to the meridian electrical system of the body, the brain becomes the generator for the complete bio-field system. When it is overburdened with ambient electromagnetic fields it cannot manage to put out the correct information to the body pathways that regulate such systems as the immune system.

So as you can see, this tiny mechanism of its own has the electric and magnetic potential to create scalar. We just had to find a way to collapse them utilizing the correct coil system. When the fast rise time wave form peaks, it creates a range of sub harmonics that move into the field, organizing chaotic patterning. A measurable E and B-field can be measured by any field meter, and the effect is not dampened by the strength of the fields, but rather is more significant biologically because of its subtle aspects. Brain ionization can be created with a magnetic field strength of 0.05 gauss. The body does not require a huge signal, but rather responds to subtle energy fields where an interaction is created and not the normal "reaction".

In the November 15, 2002 edition of <u>Science Magazine</u> (American Association for the Advancement of Science, Vol 298, No 5597 Page 1355) an article by Charles Seife "Doing The Wave in Many Ways" under the subtitle *Quantum Effects*, he notes: "What makes quantum objects quantum and macroscopic objects macroscopic? It seems to do with the process by which quantum objects lose their quantum nature: decoherence. In a sense, a coherent beam of light behaves like a single quantum object. When a photon or an atom is measured, it is forced to choose whether it spins up or spins down, and at that very moment, it behaves like a classical object, rather than a quantum one. The quantum state decoheres. Decoherence can strike when information flows from the object into the outside world - from the measurement or from the stray bounce of a molecule of air. The bigger and warmer an object is, the more difficult it is to isolate it and prevent information from flowing from it into its environment, making it decohere more and more quickly. This hemorrhage might be what makes big things behave differently than small things. Macroscopic objects might have a quantum nature but it disappears too

quickly to measure, leaving behind only the grin of Schrödinger's cat." So bigger is not necessarily better; yes, this tiny watch and chip can do huge things! But remember the watch is NOT a cure all or panacea, NOR IS IT A MEDICAL DEVICE. It merely provides the body with the information and energy to shield itself. By "shielding" we mean that the technology simply helps the body NOT TO INTERACT with what is present. Watch wearers get excited about the technology and their experience while using it, but the watch is NOT healing them; it is their own immune system that has been unburdened, because there is no field interaction, and any number of experiences may then follow.

Stimulation of the acupuncture meridians in itself will not shield the body from the ELF component of EMF, as electromagnetic fields do not have the wave propagation that a scalar produces. The scalar wave of the watch communicates with the scalar component in the DNA through the 'centriol' to carry the message of information into not only the physical meridian, but probably more importantly, out into the bio-field and mind-field. For instance, if you wanted to look blue, a blue light could be spotlighted on you and you would look blue. But you wouldn't really BE blue. However, if you could swallow a magic blue pill that would allow you to radiate blue from yourself, that would be a different matter. With a pulsed electromagnetic field you are merely masking and trying to overcome prevailing ambient frequencies, but with a scalar quantum those frequencies and impinging fields collapse and the body can then use that energy to shield its self which boosts the immune system. In an article published by Dr. Glen Rein, Stanford University, he demonstrated in an in-vitro study a 76% increase in the T-cell Lymphocytes when exposed to a watch with a Teslar chip verses exposure of a watch without a chip, proving the body is actually using the energy provided to enhance the immune system by shielding the body.

EAV (Electro-acupuncture According to Voll) testing was conducted first by Dr. Scott Morley of Dorsett, England on a MORA machine. As researchers, we are not keen on EAV, now more commonly called EDS (Electro-Dermal Screening), as we feel it can be operator dependant; however, we did accept Dr. Morley's tests as they were unsolicited and the MORA does seek a baseline before giving a readout. This test has since been replicated by many EAV practitioners, including most recently by trainers at the Olympic Training Center in Chula Vista, California. This particular test demonstrates the reduction of ambient electromagnetic fields that are impinging on the body's bio meridians as a result of wearing a watch with a Teslar chip, versus the "static" noise on the system while wearing a watch without a chip.

A fast Fourier analysis of a subject's EEG was performed by Dr. Eldon Byrd, PhD., to demonstrate that subjects show the effects of ambient electromagnetic fields through an analysis of a subject's EEG. Dr. Byrd's analysis was to see if the EEG would show any difference in a subject wearing a Teslar. In his review, the amplitude of the EEG measurement was increased by 80% in the Teslar subject. It is suggested this demonstrated the brain ignoring more ambient electromagnetic frequencies when the subject wore the Teslar. The subject without the Teslar absorbed those frequencies. This study is being replicated as it was conducted but not written according to perfect scientific parameters.

Many people question the purpose of wearing the watch on the left hand side of the body. I

won't bore you with old information, but rather ask you to look at some of the latest findings. We are really interested in the cellular level and its connection to the bio-field through the organs, cells, nerves and other systems of the body ... even the oft-overlooked lymphatic system that is very important to the detoxification of the body. Please see the articles published in Science (American Academy for the Advancement of Science) December 6, 2002, Vol 298, No 5600, Pages 1941 to 1959. These articles are written by various researchers including L. Shapiro, "Generating and Exploiting Polarity in Bacteria"; "Anterior-Posterior Polarity in C.elegans and Drosophila - PARallels and Differences" by J Pellettoere and G Seydoux; "Shaping the Vertebrae Body Plan by Polarized Embryonic Cell Movements" by R. Keller; "Composition and Formation of Intercellular Junctions in Epithelial Cells" by E. Knust and O. Bossinger; and "Molecular Mechanisms of Axon Guidance", by BJ Dickson. This is some of the latest research out, but by far NOT the only research. These articles point out that, "Even the apparent symmetry across the body can be deceptive. The internal organs have a well defined predictable, left-right asymmetry in their organization, which again is widely preserved within vertebrates..." Even the spin-spin proton-proton coupling moves from left to right. Knust and Bossinger (p. 1955, same journal as above) examine epithelial cell polarity in organisms ranging from worms to flies to invertebrates and compare and contrast the mechanisms involved in establishing and maintaining polarity. Intriguingly, many of the same molecular players involved in epithelial polarity are also important in the cell movements outlined by Keller. Finally, Dickson (p. 1959) describes how one of the most structurally and functionally polarized cells - the neuron - exploits its characteristics to establish specific connections within the developing nervous system.

Not that there are not anomalies, but for the most part, when the Teslar is introduced to the 'wrong polarity side' of the body, aching and a 'back up' feeling are sometimes produced. It simply isn't comfortable, and we find people simply 'know' the feeling intuitively. This is because every cell in the body screams 'Wrong polarity, jerk!' We now know this is the energetic movement of polarity, not only in the body (the organs, the nerves and the cells), but our mind-field experiments also exhibit a left to right spin in the field. Please check out a copy of Dr. Valerie Hunt's Book, Infinite Mind, for more information on this subject.

Some people question the reason the Teslar uses the range of 7-9 hertz, and talk about the Schumann Resonance being in this range sometimes confuses the uninformed. Of course there are sunspots and all sorts of electromagnetic spectrum astrological and geopathic stress that 'spikes' the Schumann Resonance to higher frequencies. The Schumann Resonance is only an AVERAGE of the frequency readings from a SQUID. The spikes and all anomalies are taken into the average along with the earth's cavity charge bouncing off the ionosphere, and that average is the Schumann Resonance of around 7.83 hertz. Since we lived on this planet before the invention of *manmade frequencies and fields*, it was only these natural frequency spectrums to which our bodies were routinely exposed. The most biologically interactive is ELF (Extremely Low Frequencies). This was first introduced at an International Conference on Chrono-biology, in Hanover, Germany in 1973. Dr. Siegot Lang of Saarbrucken presented a paper entitled "Electric Fields as Circadian Zeitgeber and Their Influences on the Extra-cellular System of Organism," which we know today to be the extra-cellular matrix (ECM). In this paper, Dr. Lang discusses some 30 years of research in various European countries into the

effects of low frequency electromagnetic fields on living organisms.

Man made structures and electromagnetic environmental pollution are overcoming the natural clock required for proper balance of biological fields. A 3 Hz signal was found to stimulate dizziness, migraines, anxiety, and other emotional disturbances. Modern living, pollution, traveling across the Earth's magnetic lines of flux at high speeds in airplanes, and other factors contribute to desynchronization of our natural rhythms. When a low frequency 8 Hz signal is provided by artificial means, the biological systems "lock on" to the more beneficial signal. For this reason, a dozen companies in Europe sell various forms of such biological signal generators for use in cars, homes, factories, etc. With the Teslar however, you don't have to carry around a little black box, and it also tells you the time! Instead of an electromagnetic field blasting out the other frequencies, the scalar potential of the Teslar merely collapses them so that they do not impinge upon the body's electrical system at all. No blue light shining on the system, this is the magic blue pill!

To sum up then, since we, as a species, lived on this planet before electricity, we had no ambient fields to contend with that were manmade, only the natural cycles of the earth and astrological bodies in space. Of course, this is not new stuff. NEW and exciting, however, is the study of information which is just starting to rattle the scientific community, where these changes in frequency are NOT a physical connection or knee jerk *reaction* of the body's mental and emotional state to other biological systems. The frequency is actually a *resonant information connection* that flows from one field to the other. When this information interacts, it creates a biological response. This mechanism of action is based on our associate's work, Dr. Valerie Hunt, when she was at UCLA on the mind-field interaction with biological processes. Through computer fractal computations, Dr. Hunt can now view these changes in real time on video in frequency and resonance. Even the harmonic component is shown in layers and alters upon interaction with other biological systems including food, environment, pets, plants, etc. We are not a body with a field; we are a field with a body!

Further research has extended this mind-field / bio-field premise to its interaction to the quantum, in that it is the living bio quantum itself, such as in nanotechnology. Realizing that

some of these premises may be a stretch for some people, please understand that science does not advance by proof, as most people believe. It advances in coherency. Newton had no proof that the earth revolved around the sun or that it moved at all, yet his 'laws' didn't make sense without the assumption that the earth revolved around the sun. Thus, even though his laws allowed us to predict the outcome of an event, they were NOT based on proof, but rather on coherency. Once we understand this principle, we can realize that science's great success is based on a coherent view of nature, and not on a detailed set of proofs. Proof is icing on the cake. Thus, a belief in design, a plan, is consistent with the true nature of science, even if it falls short of proof.

Regarding the general operating principles behind the Teslar chip, I will refer to <u>Nature: The</u> <u>International Weekly Journal of Science</u>, Oct 24, 2002, p. 818, "Observation of Coupled Magnetic and Electric Domains", by M Flebig, Institut fur Physik, Dortmund Germany, and the Max Born Institute, Berlin Germany; Th Lettermoser, Institute fur Physik, Dortmund, Germany; D. Frohlich, Institut fur Physik, Dortmund, Germany; A Gattsev, Joffe Physical Technical Institute of the Russian Academy of Science, St. Petersburg, Russia; and RV Pisarov also of the Joffe Physical Technical Institute of the Russian Academy of Science.

This recently published paper explains the coupled electric and magnetic ordering in Ferroelectromagnets and the cross correlation between magnetic and electric domains. The coupling originates from the interaction between magnetic and electric domain walls, which leads to a configuration that is dominated by the Ferro electromagnetic product of the order parameters. The FEM manganites RMnO³ with RE (SC, Y, IN, HO-LU) are multiple order parameter compounds with four 180 degree domains denoted by (+P, +I), (+P,-I), (-P,+I), (-P,-I). Here + -P is the independent component of the ferroelectric (FEL) order parameter, a polar vector, which is invariant under time reversal and describes the breaking of the inversion symmetry due to the FEL polarization along the hexagonal z-axis below the Curie temperature, Tc=570-990K. On the other hand, plus or minus, is the independent component of the ant ferromagnetic (AFM) under parameter, a third rank axial tensor, which is not invariant under time reversal, thus describing the breaking of time reversal symmetry by the triangular AFM ordering of the MN spins in the basal xy-plane below the Neel temperature, Tn=70-139Kdegrees. Without disclosing proprietary information, this gives some insight into the Teslar chip and how it can actuate the scalar perimeters.

This paper establishes the same conclusion that we did in explaining the relationship of the chip to the watch and how, as experiments have shown, it is possible to transition a system from one quantum state to another with external forces consisting of time varying (pulsed) additions to the potential energy. The non-linearity and probabilistic nature of the process allows for changes of information. The results are not measurable, and therefore, by definition, are outside the realm of science because science requires measurement. However, even though these non-Hertzian wave forms are not measurable, we can see the effect of the scalar interacting with the body systems by the EEG Fast Fourier Analysis, EAV testing, Heart Rate Variability, and in-vitro tests. Quantum mechanics states that we cannot describe reality in terms of absolute differential equations of any kind, but rather, in terms of the probability of the occurrence of a physical reality.

Theory does not come inductively only from experience. Logical thinking is deductive and it is rash to think that a confirmation of consequences would spring from it. The dilemma is that no inductive method of thinking can lead to the fundamental concepts of physics (or anything else). Only a combination can provide the synergy necessary, as experiences suggest theory and vice versa. A new approach should be based on the notion that field gives rise to matter, not the other way around. This "string" theory is the latest in scientific and quantum interest that suggests this hypothesis is true.

In the Teslar, 'propagation' of scalars is independent of the two physical quantities, electric permittivity and magnetic permeability (which are linked to the speed of light); and we have found that scalar information is not limited to the speed of light. Scalar potential carrying scalar information piggy back on EM waves, thus slowing down the feeling or effect of the watch to $3x10^8$ cm/sec. These fields were first described by the great mathematician, Doroc. In the case of the double chip Teslar[®], it is the superposition of the two scalar fields, not EM or potential fields, which is therefore stronger. By strength this is not to be confused with power transmission - only information transfer. Information can be transmitted, such as the 7-9 oscillating frequency of the Teslar, and detected by some process like electron interferometry. And as stated before, biological systems are highly nonlinear and also can detect and interact with scalars. Because all 'matter' is electromagnetic phenomena, there is an inter connectedness through the scalar fields. All biological organisms communicate with each other, and therefore affect each other.

As described above, David Bohm in England also described in 1975 that a subtle effect exists when both E and B-fields were non existent. When the fields are zero, there are no physical results observed because there is no physical energy flow. However, when E and B-fields are zero, under certain conditions (as outlined above) their sources (their scalar potential, Vm, and the magnetic vector potential, A) can produce physical consequences. The servable is the probability density of electron phase shifts occurring under the influence of potential fields in which no magnetic or electric forces exist. This effect has been demonstrated by a number of experiments (Aharonov, Bohm, Chambers, Jaklevie, Lanke, Olariu and Popescu). Because there is no energy transfer to objects when the electric and magnetic fields collapse to zero, A-fields are decoupled from E and B and become scalars which permeate all objects and transfer information, instantaneously. This makes detecting them with current available instrumentation virtually impossible. We know how to create it, but cannot measure it, only its effect.

For further study and information you may want to refer to Einstein, A. <u>Ideas and Opinions</u>, 1954, Bonanza Books; Silletto, R. <u>Non Relativistic Quantum Mechanics</u>, 1960, Quadrangle Books, Chicago, Illinois; Konopinski, E. "What the Electromagnetic Potential Describes", May 1978, <u>American Journal of Physics</u>, p 46 (5); Aharonov, Y and Bohm, D, "Significance of Electromagnetic Potentials in the Quantum Theory, 1959 <u>Physics Review</u>, Vol 115, p 485-491; Chambers, R., "Shift of an Electron Interference Pattern by Enclosed Magnetic Flux" 1960, <u>Physics Review Letter</u>, Vol5, p 3-5; Saklivic R., Lanke, A., and Mercerou, J, "Quantum Interference from a Static Vector Potential in a Field Free Region", 1964 <u>Physics Review Letter</u>, Vol12, p 274-275.

The Teslar should not be compared to a homeopathic as it is an active field. Static fields can carry information, but do not have the energy to deliver the information. A homeopathic is a static field with information, but cannot be accessed unless it is "percussed" (i.e. struck or pulsed). Magnets are also passive, but carry polarity information that does have a direct impact on various organs particularly if used on the wrong one with the wrong polarity! Granted the information is not complex, but it is information with an effect. Both are examples of passive fields that become inactive, in rhythmic oscillations with the body.

Rhythms or pulses, such as those in the Teslar, find their roots in the many regulatory mechanisms that control the dynamics of living systems. Thus at the cellular level, neural and cardiac rhythms are associated with the regulation of voltage-dependent ion channels, metabolic oscillations originate from the regulation of enzyme activity, pulsatile intercellular signals and intracellular calcium oscillations involve the control of receptor activity or transport processes, while regulation of gene expression underlies circadian rhythms. In the course of time, open systems that exchange matter and energy with their environment generally reach a stable steady state if not pulsed. However, as shown by Glansdorff and Prigogine, once the system operates sufficiently far from equilibrium and when its kinetics acquires a nonlinear nature, the steady state becomes unstable. Feedback processes and cooptivity are two main sources of nonlinearity that favor the occurrence of instabilities in biological systems. When the steady state becomes unstable, the system moves away from it, often bursting into sustained oscillations around the unstable steady state. The body must pulse, or the system overrides the signal!

In the phase space defined by the system's variables (for example, the concentrations of the biochemical species that are involved in an oscillatory mechanism), sustained oscillations correspond to the evolution towards a closed curve called the limit cycle. These oscillations are resistant to perturbations, because the limit cycle will be regained regardless of initial conditions, starting from the vicinity of the unstable state or from outside the asymptotic, closed trajectory. Limited cycle oscillations (passive fields) thus represent an example of non-equilibrium self organization and can therefore be viewed as temporal dissipative structures. The oscillations are characterized by their amplitude and by their period. A bifurcation diagram can be constructed by plotting the amplitude of the oscillations of a given variable and the steady state (stable or unstable) as a function of a control parameter.

Evolution toward a limit cycle is not the only possible behavior when a steady pulsed state becomes unstable in a spatially homogeneous system. The system may evolve towards another type of pulsed oscillatory state that communicates differently with a biological system than a normal pulsed field. The most common case of multiple steady pulsed states, referred to as 'bi stability', is of two stable steady states (such as the electric field in the battery and chip in the watch mechanism), separated by an unstable one (the pulsed magnetic field). This phenomenon is thought to be important in differentiation and can take the form of propagating concentration waves, which are closely related to oscillations. These pulses and oscillatory processes make any piece of equipment more biologically effective than a static, passive field that does not propagate and degenerates within the system, therefore halting the information flow.

For additional information please refer to: Fessard, A., Proprietes Rythmiques de la Matiere

<u>Vivante</u> (Hermann, Paris, 1936); Winfree, A.T., <u>The Geometry of Biological Time</u>, 2nd edition (Springer, New York, 2001); Goldbeter, A., <u>Biochemical Oscillations and Cellular Rhythms, The</u> <u>Molecular Bases of Periodic and Chaotic Behavior</u> (Cambridge University Press, Cambridge, 1996); Petty, H. R., "*Neutrophil Oscillations Temporal and Spatiotemporal Aspects of Cell Behavior*", <u>Immunol</u>, Res.23, p 85-94 (2001); Hess, B.& Boiteux, A., "*Oscillatory Phenomena in Biochemistry*", <u>Annual. Rev. Biochemistry</u>, 40, p 237-258 (1971).

The body has to be protected from a specific bandwidth of frequencies in the ELF range, as those are the frequencies that are most likely to create a biological effect. It is the extremely low frequency component of the electromagnetic fields that is detrimental, not so much the high frequency that effect the mental state, i.e. high suicide rates when sun spots occur; and a higher rate of heart attacks from the stress that builds mentally. The Sharma Report from Canada and many University studies have shown that man made ELF is dangerous to biological systems, including Robert O Becker's work, Body Electric.

For 18 years, the Teslar technology has been evolving as both a new technology and a commercially available product. Now, the Teslar technology has a reached a new height in its evolution with the advent of the luxurious Teslar watch, which introduces the concept of two scalar fields working in unison. Thanks to this new watch and its exciting technology, it is now being embraced by a broader audience. In fact, the Teslar watch can currently be seen on the wrists of the cast on ABC's The Threat Matrix, on Oprah Winfrey's wrist during her many television appearances – even Madonna has "approved" it! (New York Post, Aug 27, 2003)

Many thousands of people have experienced the Teslar technology since 1986. And now with the advent of the Teslar watch and its dual scalar field technology, many thousands more will have access to the revolution in science that is afoot. The Teslar technology's science has withstood the test of time and will lead scalar technology into the future, certain to become known as a grandfather of important quantum scalar discoveries.