

--SOVIET SCALAR ELECTROMAGNETIC WEAPONS--

This briefing presents the basic concepts of Soviet Scalar electromagnetic weapons, some of the major types available, and evidence of their widespread testing.

- Scalar Electromagnetics is Electrogravitation -

Scalar electromagnetics is an extension of present electromagnetics (EM) to include gravitation. That is, a unified electrogravitation, and, what is more important, it is a unified engineering theory. Its basis was discovered by Nikola Tesla.

In the scalar EM extension, EM field energy can be turned into gravitational field energy and vice versa. This exchange can be patterned and localized, in specific areas and objects. Such a controlled change of electromagnetics to gravitation is not possible in the normal EM or physics presently taught in Western textbooks. However, the bits and pieces of the theory have been scattered through the physics literature for some time, but no orthodox western scientist seems to have realized that these anomalous portions could be integrated into a startling new physics. Unorthodox experimenters, inventors, and scientists have made discoveries in this arena for several decades, but again have not realized the exact implications or the precise manner in which their results could be combined with present electrical physics.

- Fer-De-Lance -

Such sluggishness is certainly not present in the Soviet Union. For over three decades, the Soviet Union has been developing electrogravitation and applying it to develop strange new secret weapons of incredible power and capability. They have sustained the largest weapons development program ever launched by any nation, and they have kept it effectively hidden from prying western eyes. I have called this program "Fer-De-Lance", after the deadly South American pit viper of the same name.

The dreaded fer-de-lance is a snake of great agility and lethal effect. It often ambushes its hapless prey, and strikes unexpectedly and without warning. Its first sudden strike is usually lethal to its victim, which promptly expires in writhing agony. Since the Soviet development of scalar EM weapons has been designed for the same purpose, the name seems appropriate.

The equivalent effort of about seven Manhattan projects has been poured into fer-de-lance by the Soviets, and the program has been successful almost beyond imagination. The eerie weapons are now developed, deployed, and tested. The ambush has been completed; Fer-de-Lance is coiled and ready to strike.

--ENERGETICS AND DIRECTED ENERGY WEAPONS (DEW'S)--

The ordinary Soviet name for this type of weapons science is energetics. In the west that term is believed to be associated with conventional directed energy weapons (DEWs) such as particle beam weapons, lasers, radio-frequency (RF) directed energy devices, etc. The Soviets do not limit the term in this way.

Western scientists are familiar only with directed energy weapons where fragments, masses, photons, or particles travel through space and contact the target to deliver their effects. Hence in their thinking they limit the Soviet term "energetics" to the type of weapons they themselves understand -- exotic but normal weapons using energy or mass traveling through space to impact a target.

However, it is possible to focus the potential for the effects of a weapon through spacetime itself, in a manner so that mass and energy do not "travel through space" from the transmitter to the target at all. Instead, ripples and patterns in the fabric of spacetime itself are manipulated to meet and interfere in and at the local spacetime of some distant target. There interference of these ripple patterns creates the desired energetic effect (hence the term energetics) directly in and through the target itself, emerging from the very spacetime (vacuum) in which the target is imbedded at its distant location. As used by the Soviets, energetics refers to these eerie new superweapons, as well as to the more mundane DEWs known to the west.

As a consequence of the Soviet breakthrough and decades of feverish development, monstrous strategic weapons undreamed of in the West are already in Soviet hands. A noose is slowly and steadily being tightened about our throats, and it is already the 11th hour.

--THE SOVIETS USE A DECEPTION PLAN--

Concomitant with this supersecret development program, the Soviets developed and implemented an elaborate deception plan to conceal these startling weapons and their nature from Western eyes until it is too late. Soviet deception has been so successful that even when Western scientists are confronted with the actual tests of these weapons directly over their heads, they do not recognize the weaponry nor the nature of the effects produced.

As early as January 1960, Nikita Khrushchev announced the Soviet development of a new, fantastic weapon.

On April 10 1963 one of the first new superweapons operationally deployed was used to destroy the U.S.S. Thresher atomic submarine underwater, off the east coast of the U.S. The next day, April 11, 1963 the same deployed superweapon was utilized in a different mode to produce a giant underwater explosion in the ocean over the Puerto Rican Trench, 100 miles north of Puerto Rico.

Over the years, various aircraft were interfered with or downed as tests of these Soviet weapons. A particular case involved the mysterious loss of F-111s in the Vietnam conflict. At least one downed F-111 crew was recovered in the subsequent prisoner of war exchange. On that aircraft all electrical systems were in difficulty simultaneously. This was probably due to special Soviet teams converting some North Vietnamese SA-2 missile system radars to the scalar EM mode, and employing "scalar beam" interference to produce spurious EM noise throughout the electrical and electronic systems of the aircraft.

In late April/early May of 1985, the entire armada of Soviet strategic scalar EM superweapons was activated as a special celebration of the 40th anniversary of the end of W.W.II. Activation of this armada (which probably contained over 100 giant weapons), together with 27 giant power systems and a large number of command and control transmissions, was monitored on an advanced, proprietary detection system by Frank Golden. After the gigantic strategic exercise, which lasted several days, most of the weapons and power sources were once again stood down to "standby."

The NASA shuttle launches provided an convenient opportunity for Soviet testing of these superweapons in a launch phase ABM mode, where a launched missile can be detected and destroyed shortly after liftoff. At first, electromagnetic pulse (EMP) bursts on the early shuttle trajectory were deliberately delayed in time, to prevent actual destruction of the target and avoid alerting the U.S. that something unusual was happening.

The shuttle launch of November 26, 1985 saw a particularly significant test of this kind. In this case, a very loud "sonic boom" or explosion occurred over the launch site 12 minutes after shuttle liftoff, when the shuttle was already away and downrange. At least two previous shuttle launches had also been used as pseudotargets, with delayed booms occurring over the launch site well behind the vehicles.

After lack of U.S. reaction to these tests showed that the U.S. still had no knowledge of the new technology and did not even recognize its employment, the Soviets apparently decided to proceed with tests where the target would actually be destroyed.

On December 12, 1985 the same Soviet weapon tested against the NASA shuttle launches deliberately interfered with the controls of an Arrow DC-8 taking off from Gander Air Force Base, Newfoundland. At an altitude of 100 feet, the aircraft--carrying over 250 U.S. soldiers and civilian crew members lost power and sank into the ground tail-low, killing everyone on board. Three Canadian witnesses to the crash were interviewed over the Canadian Broadcast Corporation's television news on April 8, 1986 at 10 p.m. No flame or smoke issued from the plane before its descent and crash. However the aircraft was seen to be mysteriously glowing with a yellow glow. That is a signature of the use of a scalar howitzer in the "continuous EM emergence" mode, similar to the manner in which the F-111s were downed in Vietnam. In short, the DC-8s electrical systems were interfered with ny electromagnetic

noise created throughout the spacetime occupied by the aircraft. The powerful charge created in and around the aircraft also apparently caused the loss of two engines, one after the other. With its controls ineffective, and its power drastically reduced, the aircraft sank to earth, still in its "tail down" configuration from takeoff, and crashed and burned. The "yellow glow" was a corona due to the acquisition of a high electrical charge by the skin of the aircraft.

Other factors contributing to the crash may have been reduced lift due to poor engine maintenance, increased weight of the aircraft due to icing, and heavy loading. Still, no one has recognized the significance of the "yellow glow" or what it implies, or the possible connection between the loss of the aircraft and previous Soviet testing of a Launch Phase ABM system against U.S. shuttle launches...

As of September 1987, the last two Air Force Titan 34-D missiles fired from Vandenberg Air Force Base in California have blown up shortly after launch. The first one blew up on Aug. 28, 1985 just after lift-off. That loss had been attributed to failure of a high powered fuel pump, causing a massive oxidizer leak and a smaller fuel leak. The second Titan loss occurred on April 18, 1986 when the missile blew up 5 seconds after lift off. Its loss is still under investigation and no determination of cause has been made. Apparently the shuttle and the Titan presently provide the only viable launch vehicles for launching U.S. "spy" satellites. The loss of these sensitive satellites--if indeed they constituted the payloads--cannot help but be damaging to our strategic capability. According to the Los Angeles Times (in 1986) the single remaining KH-11 satellite was launched in December 1984 and, with an expected life of two to three years, could stop functioning later this year.

Whether or not significant Woodpecker grid activity existed in the vicinity of the Titan launch of August 1985 is unknown at this time. However, significant activity in the grid definitely occurred before the April 18 Titan disaster and on the same day.

On Easter Sunday, Mar. 30, 1986 engineer Ron Cole observed significant correlated with Soviet Woodpecker measurements. On April 18, T.E Bearden, perhaps the head of SEM research today, observed traces of a cloud radial over Huntsville, Alabama and took photographs of it. Preliminary reports from Thousand Oaks Ca. indicate extensive grid activity again on April 18, the day the second Titan exploded.

At least the second of these two missile destructions shortly after launch is suspicious, since the grid positively was active during that time. Also, a clear trail of Launch Phase ABM system indicators exists back to the massive scalar exercise of April/May 1985. The first Titan explosion in Aug. 1985 thus falls within the Soviets "now lets test them against the U.S. launch vehicles" period. The second Titan loss follows highly suspicious losses of the Arrow DC-8 on Dec. 12, 1985 and the Challenger on Jan. 28,

1986. The same Soviet weapon that destroyed those N#gets may have also destroyed one or both of the critical Titans.

The Soviets also have been able to significantly engineer the weather over North America for more than a decade without being found out. They have tested a fantastic range of anti-ballistic missile (ABM) defense weapons for over two decades, and no one is the wiser in the West.

As previously stated, prior to the end of November, 1985, at least three "wet-run" tests of a Soviet "launch phase ABM system" against actual U.S. shuttle launches were made directly over Cape Canaveral itself, and still no one recognized what was happening or what sort of weapon was being tested. On December 12, destruction of the Arrow DC-8 in Newfoundland produce no indications that the Americans and Canadians knew anything about the nature of the weapon possibly used.

Accordingly, after a sufficient wait to test our reactions (if any), the Soviets prepared to actually destroy a shuttle after its launch...

--DESTRUCTION OF THE CHALLENGER, JANUARY, 1986--

As the whole world knows, on January 28, 1986 the Challenger was launched from Cape Canaveral Florida after exposure to undesirable weather conditions, and disastrously exploded shortly after launch. The evidence seems to indicate that , as the rising vehicle was stressed, one end of its right booster broke loose, twisting away and into the main fuel tank, causing rupture, spillage of the fuel, and catastrophic explosion. Several other anomalies still exist however, and it is clear that a problem existed with at least one of the booster seals. All seven astronauts aboard the flight were killed in the fiery destruction of the vehicle.

Of course no one had recognized that the Soviets had already tested a launch-phase anti-ballistic missile (LPABM) system against three of our previous shuttle launches. These "wet-runs" used a deliberate "time-offset" to delay the explosive emergence of electromagnetic energy in a launched shuttle's location along its trajectory. The delayed test shots resulted in very large "booms" above the launch site after the shuttle was safely out of the area, but did not destroy the shuttles themselves. For example, the delayed shot-boom occurred 12 minutes after the evening launch of Nov. 26, 1985. Even a marker beacon (large light in the sky) was utilized on that launch shortly after lift-off. The marker beacon was photographed. In addition another photograph taken in a time sequence shows another sudden streak of light coming down and ending in a burst of light. This was probably a spacially-offset test of the "pulse mode" for destroying the shuttle. The "light burst" would have been detected in the Soviet Union and scored against its intended offset position. However, another mechanism was used to cause the destruction of the shuttle itself.

On Jan. 1, 1986 the presence of a metal softening signal added on to the Soviet LPABM systems scalar EM transmissions was detected by a surprised Frank Golden. The metal softening ability of the detected signal was experimentally verified by him at that time. Golden also locally nullified the action of the scalar EM signal in a test, rather conclusively establishing (1) that it existed and (2) what it was. The signal was apparently being prepared for use against an upcoming U.S. shuttle launch.

Just prior to the launch of the shuttle in late January, 1986, the Soviets accomplished significant weather engineering over the U.S. The jet stream was severely bent southward in the middle of the U.S., bending rightward again to move across the Florida panhandle. Icy cold air from Canada was drawn far down, into Florida and onto the Challenger sitting on its launch pad. This exposure to cold outside its tested range was probably an additional factor contributing to the Challenger's failure. Positive signatures of the Soviet weather engineering and jet stream manipulation were observed and photographed by several persons, particularly in Alabama and California...

On January 28, 1986, the Soviet scalar EM weapon system effects were sharply localized in the launch zone. Localization involved higher frequencies being present; these are quite painful to small brains--whose hemispheres act as a scalar interferometer and detector--such as in birds. As commented upon by national news commentators, strangely the birds were not flying that morning. Indeed, they were staying down on the ground or avoiding the area, since the sky over the area was painful to them.

As Challenger rose, the metal softening signal would have been experienced in and around the boosters shortly after ignition, since the booster flame acts as a special "ion-plasma" tuner/detector for the scalar signal. The effect of such a local signal is to "charge mass in the immediate vicinity" with the particular scalar resonance signal.

The ill fated Challenger was doomed. After ignition, the booster flame acted as an ionic plasma detector/amplifier for the metal softening signal on the Soviet Woodpecker grid. The metal in and around the booster flame was slowly and steadily weakening due to a charge up with the metal softening pattern. This contributed to booster leakage from the already cold damaged seal. The leaking booster poured out smoke and later flame, contributing to the impending disaster.

Substantial winds and air turbulence over the site increased the stress on the Challenger as it rose through this region. This also contributed to the disaster and may have been deliberately created there by Soviet Weather engineering.

As the Challenger stressed, eventually one or more weakened mounts gave way, partially freeing the end of the right booster. Another anomalous flame or light was observed on the vehicle, and may have represented a very small additional "pulse mode energy form" produced from the weapon that was already

attacking the Challenger. The booster oscillated, rotating into the tank and rupturing it. Contact of the escaping liquid fuel and the flame resulted in a fiery explosion, destroying the vehicle and killing those on board...

By creating excess cold exposure to the shuttle, inducing metal softening in and around the ignited booster, and possibly adding a deliberate "intensely hot spot", THE SOVIETS CAUSED THE CHALLENGER TO WEAKEN AND DESTROY ITSELF SHORTLY AFTER LAUNCH, IN SO SUBTLE A FASHION THAT NASA SCIENTISTS WOULD NOT SUSPECT WHAT HAD ACTUALLY CAUSED THE MISHAP. THE SOVIETS HAD ALSO PREVIOUSLY WITHDRAWN ALL THEIR TRAWLERS AND SHIPS WHICH NORMALLY SHADOW A SHUTTLE LAUNCH, TO PREVENT ANY SUGGESTION OF SOVIET PRESENCE NEAR OR INVOLVEMENT IN THE CATASTROPHIC ACCIDENT.

A few days later, sporadically intense "high frequency localization signals" were still present on the grid, at least one hinge-point at Birmingham, Alabama confirmed this. From 1-4 February 1986, many birds inadvertently flew into the zone when an intense breakout occurred, and birds fell dead from the sky in substantial numbers....

Next:

-Technological Surprise and a New Hiroshima-

(Continued)

Sadly, the bureaucratic smugness of orthodox Western scientists has materially assisted the Soviet deception process. Most Western managerial scientists -particularly in weapons development activities - have continued to view the Soviets as ignorant peasants, still trying to clean the mud off their boots. This view is of course, Totally untrue and unwarranted.

It takes only a few examples to refute this attitude. In nonlinear mathematics, engineering and science, the Soviets have led their Western counterparts since the beginning. The electromagnetic pulse (EMP) effect of a nuclear explosion appeared in the ordinary Soviet scientific literature before Western scientists were even aware that the effect existed. The Soviets continue to lead the world in explosive welding, titanium welding and forming, etc. While the Soviet scientists exhibit little inclination to build good washing machines, they certainly do produce state of the art technology-- and beyond-- in any area in which they focus their main efforts. (We do lead the Soviets in some areas such as computers hardware, computer software, miniaturization, etc.)

Once before, a modern nation, the United States, developed a mighty weapon in secrecy and used it to force a powerful foe, Japan, to its knees... The mindbending atomic blows to Hiroshima, and Nagasaki, showed once and for all that in the modern age technological surprise can prove instantly disastrous. Yet in our scientific arrogance, we have assumed that it could never happen to us, and that the "secret weapon" scenario will never be

repeated. On the contrary, it HAS happened again, someone else has done it, and it has happened to us.

It has also become fashionable in the West to believe that all the laws of physics are already discovered. We assume we know all of them. While we have been pridefully crowing this tune, the Soviets have been steadily new laws in secret, as well as new ways to circumvent the old laws.

Our defense is strategic, we rely on our offense. Our huge nuclear arsenal.. If this offense were nullified or destroyed by Soviet secret weapons, we would be powerless to prevent our own destruction and Soviet domination of our world.

We have been viewing ourselves as indestructible, confident in the strength of our defense. Yet literally our defense has been stripped from us. Indeed Soviet energetics weapons are now capable of destroying our defense, our homeland, our armed forces in the field, and our population, quickly and efficiently. We have a new gap of monumental proportions: not a missile gap, not a submarine or bomber gap, and not even a particle beam or laser gap. We have a "Scalar Electromagnetics or Electrogravitation" gap.....

He that has ears, let him hear.

Here is the secret of antigravity.

The "electrical charge" of a charged particle-- such as one of the charged particles of an atom or one of the protons of its nucleus-- represents a difference in flux intensity (potential) between the local particle and its ambient vacuum. Its the continual bleed-off of gravitational charge as electrical charge. If that bleed off is reversed or stopped, a drastic effect on the gravitational charge ensues. The 5-potential and the 5-charge have become 4-G-potential and 4-d-charge respectively. Thus "charging" an object with its scalar EM pattern charges it gravitationally. Now the only "bleed off channel" is through the 4-G force field. Further, in a nucleus the nucleons continually back and forth between proton and neutron, so the electrical charge is "spread" throughout the nucleus and shared by all the nucleons.

Further, each element (actually each isotope) has its own unique "ensemble pattern" of Fourier expansion scalar frequencies, amplitudes, ect. This pattern can, of course, be reproduced artificially and transmitted by modified EM transmitters). There is, however, a sort of "master key" scalar EM (EG) pattern for nucleons (protons and neutrons which are changing back and forth into each other by exchange of virtual charge currents).

If one reverses the charge by inverting this pattern, and then "charges up a mass with the inverted charge," to the external observer the charging mass just gets lighter and lighter, and its inertia gets less and less. Eventually it seems (to him) to acquire negative mass and negative inertia, and just accelerate away from the earth. the object falls upward

instead of falling downwards.

There are also some weird time effects; that object can be moving slower through time than the laboratory observer, or even be moving backwards through time in respect to the laboratory observer. (Don't believe everything they taught you in relativity; none of those guys ever had engineered a single general relativistic situation. &othing they teach in GR is based on direct experiment. Most of what they teach has already experimentally proven to be in error.

This is the concept for a scalar EG detector for a scalar EG waves. This is the Bendini scalar wave detector, adapted from an original concept by Dea and Faretto.

The idea is quite simple: install a very powerful bar magnet inside a grounded Faraday cage. Then install an open-ended coil longitudinally above the magnet so that a line through the longitudinal axis of the magnet passes through the longitudinal axis of the coil above it. The open end of the coil does not touch the magnet.

Connect the other end of the coil to a variable tuning capacitor, so that the coil and the capacitor form a tunable, series-L-C-oscillatory circuit. The output of the capacitor is connected to a transistorized preamplifier inside the cage. A tuning shaft for the capacitor is very carefully placed through a small hole in the shield to allow tuning from outside.

The output of the preamp passes through a small hole in the shield, through a shielded cable, to an adjacent oscilloscope. The cable shield is also grounded t a reference ground potential.

The theory is as follows: Suppose a normal EM wave appears inside the cage, above the magnet or closely adjacent thereto. In that case a coupled oscillation appears in the field of the magnet, and this oscillation is coupled to the coil immediately above it. If the oscillation is within the bandwidth of the tuned series LC circuit, detection occurs. This is amplified by the preamp and passed to the oscilloscope, where it is displayed on the scope.

Note that the detector detects normal EM wave. Now our problem is: How do we get an EG wave to be detected? And how do we assure that we do not detect ordinary EM waves from the outside? Actually this is simple. Ordinary waves (except for quite low frequency) will be grounded out by the Faraday shield, and will not penetrate the cage. Thus these normal EM waves cannot enter the cage and appear above the magnet. They will not be detected. Scalar EG waves, on the other hand, will enter the cage since they do not couple to conduction electrons in the metal of the cage. Above the pole of the magnet, spacetime is locally bent. After all, a pole is a magnetostatic scalar potential, which is a part of the conglomerate called "G-potential." The pole

represents an increase (or decrease, depending on whether it is a north or a south pole) in the magnetostatic component of the local G-potential. This is a curvature of spacetime. An EG wave entering this region adds a varying component component of magnetostatic G-potential, which bleeds off in the coil as an ordinary EM wave.

Another way to view the detector is to model the EG wave as a longitudinal wave, and an ordinary EM wave as a transverse wave. When the EG wave enters the curved spacetime region above the magnet, to the coil (the "observer" in this case!) the longitudinal aspect of the EG wave appears to be rotating back and forth, so that an oscillating transverse component is present. This transverse component appears to the coil as an ordinary EM field, and so the LC circuit detects it if it is in the proper frequency band.

Yet another way to view the situation is to realize that an EG wave entering the magnet results in an oscillating component added to the magnetostatic scalar potential (pole strength) of the magnet. Accordingly, the magnet is a receiver for scalar waves, which are detected to "bleed-off" as an oscillation of the magnetic field strength of the magnet. Coupling of this oscillating magnetic field to the coil creates an oscillating current flow into the capacitor. This oscillates the voltage input to the preamp, which amplifies and feeds the signal to the oscilloscope for display.

It is important to remember that a magnetostatic potential and an electrostatic potential can be oscillated by a scalar EG wave. By placing a magnetic material inside a Faraday cage, the oscillation of the magnetostatic scalar potential (pole strength of the magnet) can be used as the EG detecting mechanism. By placing a chargeable material inside a Faraday cage, the oscillation of the electrostatic scalar potential can be detected. (Possible examples of the latter type detectors are given by Hodowanec, "Radio Electronics," April 1986.)

Note also that one may detect waves at one reference level and not at another. Changing the bias on the zero-reference ground of the Bendini detector affects the detection. To look inside a normal EM carrier (such as the Soviet Woodpecker carrier) and see what scalar signals are riding upon it, the carrier may be used to bias the reference ground of the Bendini detector. To produce a spectrum analyzer, simply use additional series resonant LC tuning circuits in parallel (put multiple taps on the coil, and wire each tap to a separate tuning capacitor of different capacitance). Again, varying the zero reference level is important, as is varying the strength of the magnet. Frank Golden has also invented an excellent series of scalar wave detectors based on quite different proprietary principles.

The bottom line is: we can indeed rigorously detect and measure scalar EG waves. When one considers the large sums of money presently being spent to bury large aluminum cylinders etc. in an attempt to detect gravitational waves, one wonders why some funds could not be released to a few unorthodox researchers by the National Academy of Sciences to fund the

proven creation and detection of electrogravitational waves...

(Continued)

Here is explained a new kind of resonance: scalar EM resonance, or electrogravitational resonance.

First, imagine we have a standard resonant cavity. In this cavity we have a resonant EM wave moving back and forth. In accordance with convention, the E-field vector and the B-field vector are at right angles in this moving wave front. As the wave moves back and forth, the vectors vary back and forth; however, at any one point between the walls, the two vectors always have the same value. Thus our resonant EM wave forms a standing wave in the cavity.

Now imagine that a second wave front, precisely like the first and of the same frequency, is superposed over the first one and travels with it. This second wave -- the "antiwave" -- has its force vectors 180 degrees out of phase with the force vectors of the reference wave. Hence the E-fields and B-fields of the two superposed waves always sum to vector zeros, anywhere in the cavity. To an external observer, the cavity contains no ordinary electromagnetic force fields, hence no ordinary EM energy.

However the energy density of a single EM sine wave in vacuum is given by:

$$\text{density} = \frac{1}{8\pi} (E^2 + B^2)$$

This energy density is always positive. Hence the energy density of the two waves at any point X between the walls is equal to:

$$\frac{1}{4\pi} (E^2 + B^2)$$

where

$$E=E(x) ; B=B(x)$$

Thus the energy density of vacuum varies with X. But, rigorously, since the resultant E and B fields are zero, this describes a standing gravitational wave. Hence we have a standing EG wave existing in the cavity. This is an example of scalar resonance. Rigorously the cavity has mass and inertia, to an outside observer, as a result of the two warps in spacetime it contains.

Note that in one half cycle the energy density of vacuum is greater than ambient, and in the other half cycle it is less. In the region of one half cycle, time flows at a faster rate than to the ambient observer, and in

the other half cycle time flows at a slower rate than to the ambient observer. One half cycle appears to contain negative electrical charge, and the other appears to contain positive charge.

One half cycle appears to contain a north pole (positive magnetostatic scalar potential), and the other half cycle appears to contain a south pole (negative magnetostatic scalar potential).

Perhaps n/w one can begin to understand why a continuously accelerated orbital electron in the atom does not radiate EM energy, completely in violation of Maxwell's equations. The electron is naught but a complex aspect

Scalar resonance is not in the conventional textbook.

Scalar resonance is a particular zero summed multi-resonance, electromagnetically, so that it does not act in an electromagnetic manner.

A scalar resonance is a standing electromagnetic wave. It can be made electrically, but is not electrical in behavior.

In any scalar resonance, spacetime is curved, and it is the magnitude (and direction) of this spacetime curvature that is oscillating in "standing wave" fashion.

In respect to stress of the vacuum medium, one half of a standing sine wave of scalar resonance is tensile; the other half is compressive. However, this is with respect to the local ambient stress of the vacuum.

"Mass" of a particle is just a characteristic exhibited by a trapped scalar resonance. Usually this trapping is done by the "spin" of the individual particle.

The concept of "mass" may be compared with the concept of "capacitance." That is, a mass is an accumulator for scalar waves; that is, for scalar resonances. It is continually being "charged" and "discharged" by absorption and emission of scalar waves from and to the ambient vacuum scalar wave flux.

Indeed the magnitude of a mass may be defined in terms of the absolute value of this "switching" (absorption = switch in; emission = switch out) rate. For details on this see (Bearden, T.E. "Quinton/Perception Physics: A Theory of Existence, Perception, and Physical Phenomena," March, 1973, AD 763210, available through NTIS.)

In the normal linear spacetime, the "charging" and "discharging" are equal in all directions; so the mass exhibited in any direction is the same.

With respect to an "external observer's" equilibrium flux, a moving

object encounters an increased amount of flux rate along its line of motion, just as a moving object in a rainstorm encounters more raindrops per second in the direction of its path, than does a stationary object. Encountering increased scalar wave flux (with respect to the external observer) forces the moving object to absorb and emit scalar waves at a higher rate along its direction of motion than when its not moving. Thus to the external observer, the mass of the object has increased, insofar as any disturbing force along its line of motion is concerned.

At right angles to its line of motion however, the flux rate is precisely the same as when the object is at rest. Therefore the "mass" of the moving object with respect to any disturbing force at right angles to its line of motion has not changed, as seen by the external observer.

Thus is explained both parts of one of the all time great mysteries of special relativity: (1) how the mass of an object increases with respect to its motion, and (2) why the mass only increases with respect to its line of motion, and not at any right angles to it.

The inertia of a particle is due to its mass, i.e., to the total magnitude of its trapped scalar resonance.

The gravitational attraction between two masses is due to their spacetime curvature. Further, mass is like a capacitance. It can trap additional scalar waves as trapped resonance; hence increase its magnitude or "inertial charge". Or, it can discharge more scalar waves than it absorbs; hence decrease its magnitude or "internal charge"...

Those scalar waves emitted from resonance are emitted as a pattern ensemble of the resonance. Hence they may be regarded as constituting a current of scalar resonance leaving the mass accumulator object. Scalar waves absorbed into trapped resonance may be regarded as constituting a current of scalar resonance into the mass accumulator object. Thus it is proper to speak of scalar resonance as being able to "flow".

Further, it is possible to increase the mass of an object directly, by transmitting scalar EM waves to it so that it absorbs them. (By absorbing scalar waves one means that more enter the object than leave it, so that the object acts as an internal accumulator charging up with internal charge. This is done by insuring the reference potential of the scalar wave transmitter is higher than the reference potential of the irradiated object.)

It is also possible to decrease the mass of an object directly, by transmitting scalar EM waves to it so that it emits more than it absorbs. (By emitting scalar waves one means that more leave the object than enter it, so the object acts as if it were an internal accumulator that is discharging its internal charge. this is done by insuring that the reference potential of the scalar transmitter is lower than the reference potential of the irradiated object.)

As can be seen, the scalar wave "transmitter" is actually somewhat comparable to a heat pump; it can either act as an "energy transmitter" or as an "energy extractor", depending on the difference in potential between "transmitter" and "receiver."

Scalar resonance can have a specific pattern: both in frequency and in spatial curvature aspects, as well as "rate of flow of time" aspects. Indeed, scalar-wise every object has its individual "scalar pattern" which is a unique fingerprint. Since that print is spatiotemporal, it is a product of that object's entire past history. Thus --scalar wise-- no two objects are identical.

This brings up another rather amazing potential: If a reasonably precise scalar pattern of an object can be "irradiated" and resonated with scalar waves, energy may be created in or extracted from the distant object, just as stimulating one tuning fork can excite another at a distance by sympathetic resonance. I leave it to you to ascertain the relevance of this statement to clairvoyance, radionics, remote viewing, etc.

For the skeptic, however, we must point out that --rigorously--quantum mechanics requires that, continually, in any localized region of spacetime, the "pattern" of any object in the universe appears momentarily in the virtual state, purely from statistical considerations alone. So long as the situation remains statistical, any place in the universe can continue to have the "ghosts" of everything present there, in an ethereally thin pattern, and the observable world will not be affected by it. However if one can discriminate and scalarly "charge" or "discharge" individual patterns in this "ghost-realm", action at a distance is directly possible, as is materialization and dematerialization. If one accepts that even thought itself produces such virtual "ghost-patterns" in the virtual particle flux of vacuum, then it is at least theoretically possible to materialize thoughts and thought images.

We have entered a new kind of reality where the old rules and the old limitations do not necessarily apply.

As pointed out, we can greatly simplify matters by considering 'currents of scalar resonance'. These currents flow from higher potential to lower potential, regardless of whether we are considering "transmission" or "reception".

Indeed, to transmit at lower potential is to receive, and to receive at higher potential is to transmit. Thus the "transmitter-receiver" is a special system where simply biasing two nodes differently determines which way the scalar resonance will flow. We may increase or decrease an object's inertia and mass, simply by properly biasing the transmitter-receiver's two nodes.

In one accidental experiment of some hours duration, Golden charged up an area so that, locally, all clocks became erratic. This included electrical clocks, battery driven watches, wind up kitchen clocks, and a pendulum operated grandfather clock. The rate of flow of time itself was apparently altered in the local area by the accumulated charge, which took four days to drain off and discharge. At the end of four days of discharge, all clocks and watches returned to normal.

(Continued)

If we interfere two transmitters in a region of great energy--such as the molten core of the earth itself--and bias the transmitters negatively, we can extract enormous energy directly from that distant source!

Indeed, a slight variation of this effect is precisely how the Soviet Union obtains the enormous energy with which to power its incredibly powerful strategic "continent-buster" scalar EM weapons. Scalar frequency pairs -- 12 kilohertz apart -- are transmitted into the earth itself on some portion of the earth's "giant scalar resonance" frequency curve. Biasing the two transmitters differently with respect to each other produces a high potential difference (voltage) between them. At the same time, biasing them both negative with respect to the earth's molten core produces a scalar resonance current from the core to the two transmitters. In the "outer loop" between the two scalar transmitters, there appears a gigantic voltage and gigantic electrical current which can be captured by appropriate means. This electrical power is tapped off and transmitted to incredibly powerful scalar EM weapon systems. There, special accumulators and switchers are utilized to provide awesome amounts of power to each weapon.

Just before May 1, 1985 the Soviet Union performed a "full-up" operational test of their entire strategic scalar EM weapons complex. This test was detected and monitored periodically by Frank Golden. Some 27 of these giant Soviet "power taps" were locked into the molten core of the earth, producing forced (entrained) scalar resonance of the entire planet on 54 controlled frequencies under our very feet. The remainder of the scalar frequency spectrum was ablaze with literally hundreds of Soviet scalar transmitters: probably the entire strategic scalar command and control system to underwater submarines, higher command centers, distant commands, etc. was activated in the giant exercise.

For several days the system was exercised on a mind-boggling scale, apparently as part of the Soviet Union's highly accentuated 40th anniversary celebration of the end of World War II.

Ironically, not a single U.S. intelligence agency, laboratory, or scientist detected this monstrous exercise for the new Soviet leader, Gorbachev. Not one of them had a detector for scalar EM radiation, and not one of them will --officially-- say that the exercise ever happened.

-- CREATING ENERGY AT A DISTANCE --

A most useful device is obtained if one uses a scalar interferometer where the two transmitters transmit beams which intersect at a distance.

In the interference zone, an energy bottle is created.

By biasing the transmitter reference potentials well above that of the distant energy bottle, EM energy emerges in that zone. In that case the interferometer is operating in the Exothermic mode.

By biasing the transmitter reference potentials well below that of the distant energy bottle, EM energy is extracted from the distant zone and emerges from the transmitter. In that case the interferometer is operating in the Endothermic mode.

If the transmitters transmit continuously, the effect in the distant zone is continuous.

If each transmitter transmits a pulse, and the two pulses meet in the distant intersection zone, then an explosive emergence or extraction of energy occurs at the distant interference zone, depending on whether the interferometer is operating in the exothermic or endothermic mode.

-- EXOTHERMIC MODE (SCALAR INTERFEROMETER) --

For a scalar interferometer, " $\nabla\phi$ " (the gradient of the potential) applies between the transmitter site and the distant intersection site, not to the intervening space in between. Thus one speaks of "energy flow" as being between the transmitter and intersection --without- any "in between". In the intervening space, all energy exists as locked-in artificial potential, not EM force field energy (gradient bleed off potential).

In the Exothermic mode, the ground potential of the transmitter is biased well above the ground potential of ambient vacuum. Energy enters the transmitter and "disappears", to "reappear" in the distant interference zone.

If continuous wave transmission is used, the energy continuously appears in the distant zone.

If pulse transmission is used and timed so that the two scalar pulses meet in the distant zone, energy explosively appears there.

If multiple frequencies are transmitted in the manner of a Fourier expansion of a particular geometric form, then a 3-dimensional energy form appears at the distant intersection. In this manner a spherical or hemispherical shell (a globe or "dome" of EM energy) can be created at a distance. If pulse transmission is used, this will be an impulsive or explosive emergence of that energy form. If continuous transmission is used,

this will be a continuous glowing form.

By feeding incredibly powerful transmitters with large amounts of energy extracted from the earth's molten core by "energy taps," very large spherical globes and hemispherical domes of EM energy can be created at a distance. The energy in the interference "shell" of such a sphere or hemisphere is sufficiently dense to lift Dirac matter from the Dirac sea of the vacuum. Thus the shell contains a glowing plasma.

Many such scalar howitzer signatures have been seen over the oceans, particularly over the north Pacific by jet airliners flying into and out of Japan. (Remember some months ago the big story about the JAL flight in which all passengers and crew saw a giant spherical "UFO".) Also such globes and domes of light have been seen deep within the Soviet Union, by observers in Afghanistan and by pilots of aircraft landing in Iran.

In the impulsive exothermic mode, a large visible flash will occur if EM energy in the visible spectrum is produced. "Flashes" in the infrared may similarly occur, if the emerging energy is in that spectral band. In September 1979 our Vela satellites detected such a large "nuclear flash" over the South Atlantic, off the southern coast of Africa. A second "nuclear flash" detected by the Vela satellites in 1980 was in the infrared only. Some years ago, a series of anomalous "flashes" and "booms" occurred off the east coast of the United States. They were due to the orientation and alignment -- and registration -- of one or more "scalar howitzers" -- scalar EM interferometers in the exothermic mode.

Large "booms" occurred over the shuttle launch site at Cape Canaveral, associated with three shuttle launches prior to the end of November 1985. These were tests of such exothermic scalar EM howitzers, being tested as part of the Soviet Launch Phase ABM system. In that mode, the scalar pulses from the two transmitters are injected into special zero-reference scalar EM "channels" established in the EM carriers of the Woodpecker over-the-horizon radars. The scalar pulses travel through these channels, traveling in the ordinary EM beam of the transmitter and following it in its curvature around the earth in the earth-ionospheric waveguide. The scalar pulses are timed, phased, and oriented so as to meet the rising shuttle. In these tests the transmissions were offset in time so the shuttle would not actually be destroyed, but the system could be tested against actual shuttle launches in the U.S.

The specific uses of these various exothermic modes will be covered in later parts of this series.

In the endothermic mode, the bias on the transmitters is such that energy is extracted from the distant intersection zone, to re-emerge from the transmitters. There the energy must be caught and disposed of if it is not to burn out the transmitters. When very large amounts of energy are extracted from distant points, the Soviets often use a "dump" method of temporarily capturing, and storing in an accumulator, the heat energy emerging at the transmitters. A second howitzer in the exothermic mode is then fed by a

"scalar energy tap" established into the accumulator. This howitzer is focused on the distant dump site -- often Bennett Island, where exhausts are continually observed by U.S. weather satellites.

In the impulsive endothermic mode, energy is impulsively extracted from the distant intersection zone. In the atmosphere this results in a very sharp cooling or "cold explosion". It also results in the type of boom and rumble often associated with thunder after a lightning bolt.

On April 9, 1984 the Soviet Union tested such a "cold explosion" off the coast of Japan, near the Kuril Islands. In the suddenly induced low pressure "cold zone" above the ocean, ocean water was sharply sucked up from the ocean, forming a dense cloud. Then air rushing into the low pressure zone forced the cloud upward, forming a mushroom much like that of an atomic explosion except for the absence of a flash and the absence of a shockwave moving out and away from the center of the explosion.

As the cloud rises, it expands by mixing -- very similar to a giant thunderhead buildup, except much faster. In this case the cloud rose to about 60,000 feet in about 2 minutes, spreading out until it reached a diameter of about 200 miles. The incident was seen by the pilots and crews of several Boeing 747 jet airliners in the general vicinity. Sometime after that, a U.S. weather satellite photo of the area occurred. The cloud in that photo has an anomalous density distribution, differing from that of all other clouds in the area...

(Continued)

--TESLA'S "BIG EYE" FOR REMOTE VIEWING--

Nikola Tesla planned a very special use for his endothermic scalar interferometer. He planned to produce what he called his "big eye to see at a distance."

The system used to accomplish this is only weakly endothermic, so that only a small amount of energy is extracted from the distant target. Also, the beams are "scanned" by an open receiver, timewise, from side to side and top to bottom. By scanning yet another single beam through the intersection zone and phasing its pulses, an even better representation can be obtained. Thus the receiver produces a representation of the energy extracted from various locations within the distant endothermic zone. By displaying the received signals on an appropriately scanned screen, a representation of the distant scene can be created. This is a special kind of "microwave interferometry," and -- with modern techniques -- the imagery obtained can be surprisingly good.

With development, it might even become as good as the image presently obtained by side looking acquisition radars.

Interestingly enough, since scalar beams will easily penetrate the earth

or the ocean, one can also look beneath the earth or ocean with this type of scanning scalar interferometer.

The importance of this capability to strategic and tactical reconnaissance is obvious. Camouflage, cover, and concealment have no effect on such a system. One can easily look into buildings and into underground facilities. With a small system such as this, the U.S. Marines at Khe Sahn would have had little difficulty locating the tunnels continually dug under the perimeter by the Viet Cong. And targets under jungle canopies are directly visible...

It requires little imagination to see that this system is easily adapted for use underwater. A type of "underwater radar." With such devices, the problem posed by the underwater nuclear submarine is solved. For example, an entire area can be continually searched, much like acquisition radar systems do now. A submarine can be detected and tracked, and none of its ordinary detectors will detect anything out of the ordinary. By using a separate pair of beams in the exothermic mode, powerful scalar pulses can be fired at the distant sub, intersecting at the submarine in a violent EMP throughout the sub and its armament. Thus the sub and all of its missiles are destroyed instantly.

Or, continuous exothermic transmission can be used by the targeting weapon at lesser power, gradually interfering with the sub's electrical systems and causing it to lose control. The sub then sinks to crush depths and implodes.

Precisely that scenario seems to be what happened on April 10, 1963 to the U.S.S. Thresher nuclear submarine. It left a signature: the subs nearby surface companion, the U.S.S. Skylark, was in the "splatter zone" of the underwater scalar interference. That is, spurious EM noise was being generated in all the Skylark's electrical systems, some of which were actually disabled. So intense was the "electronic jamming" that it required over an hour and a half for the Skylark to transmit an emergency message back to its headquarters that the Thresher was in serious trouble and contact with it had been lost. Some of the Skylark's communication systems actually failed, but later resumed operation inexplicably, once the jamming was gone. That type of "jamming" of multiple bands and multiple electronic equipment, of course, together with the anomalous failure of electronic equipment and its later mysterious recovery, were direct signatures of the exothermic scalar interferometer against the undersea target in the vicinity of the skylark.

The very next day, April 11, 1963, the same Soviet scalar EM howitzer system was tested in the "destroy submarine" pulse mode. A huge underwater EM blast occurred off the coast of Puerto Rico, about 100 miles north of the island. The underwater explosion caused a huge boiling of the surface of the ocean, followed by the rising up of a giant mushroom of water about a third of a mile high, the mushroom of water then fell back into the ocean, completing the signature.

Fortunately the entire incident was seen by the startled crew of a passing U.S. jetliner which was just passing its checkpoint in that area. (See Robert J. Durant, "An underwater explosion -- or what?", Pursuit, 5(2), April 1972, p. 30-31.)

These two incidents were full up operational tests of Khrushchev's newly-deployed superweapons. He probably staged this dramatic one-two punch in a desperate effort to recover face with the Communist Party after his disastrous face down by Kennedy in the Cuban Missile Crisis a few short months previously. Apparently the attempt was successful, since he remained in power another year before being deposed.

--MUSHROOM CLOUD FROM SEA OFF JAPAN NEAR RUSSIAN TEST AREA--

The following is concerning the "cold explosion" of April 9, 1984. The site of the explosion was only about 200 miles from downtown Tokyo. It was seen by the crews of several jet airliners, including Japan Air Lines Flight 36.

A short time before the Soviets had hastily announced missile tests would be conducted into a zone some distance away from the old explosion site. This may have been a deception to cover this incident, should any nation indicate they knew what was going on.

It was also a direct "stimulus" to the Japanese and the rest of the world: That is stimulate the system and see if the scientists recognize what happened. If they do, then they know about scalar EM weapons. If they don't, then their countries know nothing of scalar EM weapons, and those countries are defenseless against them.

At any rate, at about 5:14 a.m. Pacific Standard time on April 9, 1984, a giant mushroom cloud erupted above the ocean south of the Kuril Islands. The mushroom rose rapidly, expanding to an altitude of 60,000 feet and a diameter of 200 miles within 2 minutes.

One pilot of a Boeing 747 who observed the cloud was a former B-52 bomber pilot. He described the cloud as being very similar to that of a gigantic nuclear explosion, except there was no flash of visible light. Taking evasive action, he turned off course away from the blast, and braced for a blast shock that never came...

--MUSHROOM CLOUD RISING FROM THE SEA (COLD EXPLOSION)--

Indeed, this highly anomalous cloud was due to a cold explosion -- a test of a Soviet scalar EM howitzer in the pulsed endothermic mode.

Thus a beautiful "stimulus" and test was conducted: quite a few airliners were "pinged", providing a high-level stimulus to competent

observers. The news was sure to be reported by them to several nations. The press was sure to pick up the story. This was a high order stimulus to see whether the U.S., Japan, or other potential adversaries of the Soviet Union recognized the testing of a cold explosion weapon.

By our reaction, we assured them (with high confidence) that we still knew nothing of scalar EM interferometry or cold explosions.

Five Boeing 747's flew through or near the cloud on their way to Anchorage Alaska. The aircraft were checked at Anchorage for radioactive contamination, but nothing was found. This showed that the huge explosion had been non-nuclear.

The ocean in the area is also about 21,000 feet deep. That is really too deep for a submarine volcano to have erupted and caused the cloud. (Besides, a volcano would have continued to snort at least a bit, and so that appears to be out of the question as a cause of the incident.)

In short, a man made phenomenon is indicated.

Indeed, we know it was a cold explosion. In fact, the basic effect has been produced over a dish of water in the laboratory, using a small scalar interferometer in the endothermic mode.

Further, the story does not end there.

A geophysicist at the University of Hawaii, Dr. Daniel A. Walker, together with his colleagues monitor an array of Hydrophones on the ocean bottom, recording signals such as seismic events, volcano eruptions, etc.

Dr. Walker and his colleagues performed a comprehensive analysis of the data recorded by the hydrophones in and around the time of the incident in question. The data shows the absence of any natural seismic or volcanic event that could have caused the April 9th phenomenon off the coast of Japan.

He and his colleagues concluded that it was either an as yet unknown natural phenomenon, or a man made phenomenon.

Their report is published in "Science". (D. Walker, "Kaitoku Seamount and the Mystery Cloud of 9 April 1984," Science, 227(4687), Feb. 8, 1985, p. 607-611.)

(Continued)

--THE TESLA SHIELD--

Of particular interest is the hemispherical shell of energy which years ago was dubbed the "Tesla Shield."

Two scalar hemispherical surfaces are created, using multiple frequency

transmitters and truncated Fourier series expansions. Interference of the two scalar hemispheres creates a great, glowing hemispherical shell of ordinary electromagnetic energy. In the shell, the energy density is sufficient to lift Dirac matter from the Dirac sea of vacuum. The shell is thus filled with a glowing plasma.

Such a shell may be several hundreds of miles in diameter at the base. The enormous energy required to form such a defense shell is obtained by a "scalar power tap" into the molten core of the earth itself as previously explained. In late April/early May of 1985, 27 such "power taps" were placed in the earth by the Soviets. If each tap is capable of powering 4 to 6 large scalar EM weapons, then the Soviet strategic scalar EM arsenal contains over 100 monstrous superweapons capable of generating exothermic explosions, endothermic explosions, engineering the weather, locating and destroying underwater submarines, detecting and destroying ballistic missiles shortly after launch, detecting and destroying long range strategic bombers as soon as they are airborne, etc.

At any rate, the giant Tesla shield is useful against any penetrating vehicle. If the shell is not so large, its energy density may be very high. In that case, the intense plasma heating will fuse and even vaporize metallic bodies. In addition, any vehicle encountering the shell is subjected to an extremely intense EMP arising everywhere inside its circuitry. EMP shielding is of no use against the creation of energy throughout the spacetime of the circuits; such shielding only helps against energy flow through space in the conventional sense.

Thus the electronics of any vehicle encountering the shield are instantly duded, whether or not they are shielded against ordinary electromagnetic interference (EMI). This includes the electronics operating a nuclear warhead, carried by a re-entry vehicle. Electrically everything penetrating the shell is totally duded. Further, explosive materials are exploded when such an EMP is encountered, and combustible materials are fiercely consumed or set afire. Ablative shielding suffers an interesting catastrophe: since energy does not try to "flow into" the shielding but "arises" everywhere in it simultaneously, "ablation" occurs everywhere throughout the ablative material, simply exploding it instantly. In addition, for smaller Tesla shells (say of 50 miles in diameter) the energy density is sufficient to melt or vaporize metals such as missile structures.

With such a Tesla shield, there is no need to discriminate true warhead bearing re-entry vehicles from decoys, chaff, etc. The whole "mess" entering the shield is simply "cleaned up" and "sterilized" or destroyed. The shield can take care of ICBMs/IRBMs and their nuclear warheads, strategic bombers and their nuclear bombs, cruise missiles and their nuclear warheads, re-entry vehicles and their warheads, decoys, chaff, etc.

--SARYSHAGAN DIRECTION-SEPTEMBER 1979--

The London Sunday Times of 17 August 1980 contained information and a

photo-sketch of incidents fo sighting of the testing of very large Tesla globes deep within the Soviet Union. The sightings were made in Afghanistan by British war cameraman Nick Downie. The phenomena seen were in the direction of the Saryshagan Missile Test Range, which -- according to the U.S. Defense Departments "Soviet Military Power," 1986 -- contains one or more large directed energy weapons (DEW's).

Even though Downie was seeing the globe of light from a great distance, it flared silently over the Hindu Kush and expanded to subtend an arc of about 20 degrees, dimming as it expanded. (An arc of 20 degrees subtended by an object many hundreds of miles distant indicates an object of well over a hundred miles in diameter. This gives some idea of the enormous energy being controlled and manipulated by these Soviet weapons.)

Downie saw the sight on more than one occasion in September 1979.

In the same month --December 1979-- a stationary luminous globe containing a vertical stripe of black in the center was seen in the sky off the coast of St.Petersburg, Florida. This particular type of sighting in that area has been previously correlated with times of known activity at Saryshagan.

Further, in the same month, U.S. nuclear warning Vela satellites detected a "nuclear flash" over the South Atlantic, off the coast of Africa. Controversy has raged in U.S. Intelligence and scientific circles to this day as to whether a nuclear explosion or some other kind of mechanism produced the flash.

Indeed, the flash may have been produced by a scalar EM howitzer from Saryshagan as one more "ping" of the U.S. Intelligence system, to ascertain whether or not it knew anything about scalar EM howitzers. Again the negative response told them with high confidence that (1) We still didn't know about scalar EM stuff, and (2) We were still totally defenseless against the Soviet scalar EM weaponry.

At any rate, from Downie's sightings, it is highly probable that the DEW weaponry at Saryshagan Missile Test Range was active in September 1979, and was producing large Tesla globes. If the DEWs at Saryshagan can produce the giant luminous Tesla globe, they are almost certainly scalar EM interferometers and can produce the giant Tesla shields as well. Downie reported other earlier sightings of similar phenomena seen by Afghans deep within the Soviet Union in the same direction toward Saryshagan...

Briefly, let us cover the uses of such a giant globe or spherical shell of glowing EM energy and plasma.

By placing such a giant globe hundreds of miles out away from the defended heartland, an entire arc of the sky can be defended against long range ballistic missile attack in midcourse. During their midcourse

trajectory, the attacking missiles would have to penetrate the globular shell twice, exposing them to giant internal EMPs twice. A very high probability thus exists that all missiles entering the space occupied by the globe are duded upon entry and/or exit. This includes the electronics inside the nuclear warheads themselves. Also this is particularly effective against MIRV and MARV missile carriers since the multiple re-entry vehicles are normally still on the main vehicle during most of midcourse. The use of this midcourse ABM globe defense greatly reduces the number of vehicles arriving at the latter part of midcourse and the terminal phase of their trajectory.

By using a smaller, more intense globe, and placing it on incoming clusters of objects or single objects, both EMP and local heating are used against the objects. This is suitable in the latter part of midcourse and in the terminal phase of ICBMs, IRBMs, SLBMs, and cruise missiles. It is also useful against incoming strategic bombers and their air to surface missiles both ballistic and cruise.

Two modes of the globes -- especially the small ones -- can be used. First the continuous mode can be used to "fry" or vaporize incoming objects in a relatively small volume (say ten to fifteen miles in diameter). Second, the "pulse" mode can be used to "service" all incoming objects, whether or not they have passed through the "large globe" midcourse defense. This provides an additional guarantee of killing the objects; discrimination is not required, just get all of them. The exposure of all incoming objects to multiple attacks raises the probability of kill to essentially 100%, or as close to that as one wishes. Of course the incoming vehicle may still encounter a terminal defense consisting of the Tesla shield and associated roving "quickshot" small intense globes.

In short, with these systems an essentially 100% ABM and anti bomber defense is possible. Further, the Soviets have possessed such an effective defense for two decades, JUST AS THEY HAVE OPENLY STATED SINCE 1960 WHEN KHRUSHCHEV ANNOUNCED HIS "SUPERWEAPONS"!!

--CONTINUOUS TESLA EMP GLOBE--

Here is another verified incident of a gigantic test of a Soviet scalar EM howitzer deep within the Soviet Union.

This is a C.I.A. report, released under the Freedom of Information Act. One can be quite sure that the incident occurred as stated.

The phenomenon was seen from two aircraft approaching Mehrabad Airport in Teheran, Iran on June 17, 1966 and reported by their pilots.

On the far horizon deep within the Soviet Union, an intense spherical ball of light appeared, "sitting on the horizon" so to speak. The globe of

light increased to enormous size, dimming as it did so, literally filling an arc of the distant sky as it expanded. The sighting was shielded from most ground observers view at the airport itself due to an intervening mountain range which masked most of the phenomena from the ground.

The silent, expanding globe was observed for four or five minutes before it faded away.

Again this is positive evidence of the testing of a giant scalar interferometer, in the "midcourse ABM globe" type of action.

However, note the date -- mid 1966! The Soviets have therefore been testing such scalar weapons of enormous size and power for at least two decades. This implies that development must have started at least a decade earlier, or in the mid '50s.

Still earlier, in January 1960 Nikita Khrushchev had announced the development of a "fantastic" Soviet weapon, one which could even destroy all life on earth if unrestrainedly used. In 1962 the ebullient Khrushchev was forced to back down and lose face before John Kennedy, in the Cuban Missile Crisis. Khrushchev's missiles and bombers were in woeful shape, as Kennedy well knew (by courtesy of the Russian spy, Colonel Oleg Penkovsky). Kennedy did not know that Khrushchev's new superweapons were nearing deployment, but were not quite ready yet.

To save face and prevent his immediate ouster, Khrushchev apparently conducted a startling two-strike demonstration of his new weapons as soon as they became operationally ready. On April 10, 1963 he detected and destroyed the U.S.S. Thresher nuclear submarine, using a scalar EM howitzer in the underwater "continuous" mode. The next day he demonstrated the "pulsed" underwater destruction mode for underwater subs by producing a giant underwater explosion underneath the water 100 miles north of Puerto Rico. Ironically, just as the Atlantic was coming alive with U.S. naval vessels searching for the lost Thresher, a second test of the weapons that had finished off the sub occurred to the south of them, unnoticed and disregarded, even though seen and reported to the F.B.I. and the U.S. Coast Guard by a passing U.S. jetliner's pilot and crew, who observed the underwater explosion.

We thus can peg the development of these weapons by the Soviets as starting well before 1960. The first operational deployment of the gigantic strategic weaponry occurred in early 1963.

Note that the 1966 testing observed here is completely consistent with this estimated development schedule.

Thus large Soviet strategic scalar EM weapons have been operational on site for 24 YEARS !!! This implies that at least three additional generations of the scalar EM weapons have been developed and deployed by now...

--MYSTERIOUS LIGHTS OVER NORTH PACIFIC--

Incidents of Soviet testing of the Tesla shield and the Tesla globe weapons are routinely observed by airline pilots flying over the North Pacific into and out of Japan.

This is one typical example. Two jetliners, Japan Air Lines flights 403 and 421, sighted and reported a large glowing globe of light sitting just beyond the horizon and extending well above it. The aircraft were in the vicinity of 42 degrees N latitude and 153 degrees longitude at the time. The sighting was thus about 700 miles east of Kushiro.

The diameter of the ball was estimated as at least 18-27 kilometers by the pilots. Depending upon the actual distance to the sphere it may have been of much larger size.

This incident is reported in the Asahi Evening News, Tokyo, June 22, 1982.

Many similar sightings have been reported by jet airliner pilots flying over these waters.

--WHITE SPHERE SEEN IN NORTH ATLANTIC 1976--

Here is another sighting closer to home.

This incident was observed from a passing ship on June 22, 1976 in the North Atlantic, at about 2113-2140 hours. It is reported in the Marine Observer, Vol.47, 1977, p.66.

First an orange glow was sighted behind some distant clouds. A couple of minutes later, a glowing white sphere of light was observed to the left of the orange glow, just above the clouds. The white sphere then slowly expanded to a much larger sphere, dimming as it expanded. At its maximum size, the top of the white sphere reached about 24 degrees 30 minutes elevation angle to the observer. Development to maximum size required about 10 minutes.

By 2140 hours the sphere had faded and disappeared. The sphere was sufficiently thin that the stars could be seen through it at all times.

Again, this incident strongly fits the large Tesla globe mode of a Soviet scalar EM interferometer.

The significance and role of the orange glow are not known at this time.

--CONTINUOUS TESLA FIREBALL--

Here is another incident that represents a stimulus to the British government, to see if the British are aware of scalar electromagnetics.

Again this is a CIA report released under the Freedom of Information Act, so the details are reliable.

On Sep. 10, 1976 British European Airways flight 831, flying between Moscow and London and over Lithuania at the time, observed an intense ball of light above the clouds below the aircraft. The light was so intense it lit up the sky in the entire vicinity.

The concerned pilot reported the glowing object to Soviet ground authorities with whom he was in contact. He received harsh instructions to ignore the light, and essentially to continue on his way out of there.

Here we see an incident involving a small, intense Tesla globe, of the kind with which the defense could "service" objects that had already penetrated a large midcourse globe, or aircraft approaching the defended area.

Obviously the Soviet authorities were tracking the aircraft, and knew it was in the vicinity. It seems logical, then, that they deliberately placed the brightly glowing ball beneath the aircraft so that the pilot and crew could not fail to observe it.

The strange message to the pilot was simply designed to increase the intensity of the stimulus. The stimulus was to be something like, "The Soviets are doing something in research and development that allows them to create intense balls of glowing light at a distance, and place these objects in and around the air in and around aircraft, possibly to intercept them." The purpose, of course, was to observe the British governments reaction after the incident was reported by the pilot upon his arrival in London.

Again the reaction of the British -- and the U.S. as well -- was as predicted. Again we showed that we knew nothing of scalar electromagnetic weapons, and did not recognize one when we encountered its effects.

(Continued)

--TERMINAL ABM SYSTEM--

Very neat things can be done if one "nests" several Tesla shields -- say three or four -- concentrically, one inside the other. In that case even the nuclear radiation (such as gamma rays) from a defense-suppressive high altitude nuclear burst can be handled.

For example, suppose three such concentric shields are placed over a large vital area. Further, suppose a high altitude nuclear burst is placed

above the outer shield. Gamma radiation almost instantly strikes the plasma in the outer shell, where it is absorbed, scattered, and re-radiated at a lower temperature. (That after all is what plasmas do.) Inside the first shell, the scattered radiation is now in the x-ray and ultra violet region. Let us track the most lethal component, the x-rays.

The scattered x-rays then strike the second plasma shell, and are absorbed scattered and re-radiated at a lower temperature. Inside the second shell the scattered radiation is now in the visible and infrared region, with a little ultraviolet.

This optical radiation in turn strikes the third plasma shell, and is absorbed scattered and re-radiated at still lower temperature. Inside the third shell, most of the energy is now in the form of radio frequency (RF) energy, with a little IR and visible band spectral energy content.

At this point, ordinary electromagnetic interference (EMI) shielding of electronic equipment on the ground inside the third shield can take care of any RF interference resulting from the emergent RF noise.

As can be seen, three shells are sufficient to convert the gamma and x-ray radiation (and ultraviolet and infrared) mostly to harmless RF energy before all three shells are penetrated. Thus the tactic of deliberate defense suppression by a preliminary high altitude nuclear burst can be countered by multiple Tesla shields.

In addition, of course, any ordinary vehicles penetrating all three shields are exposed to successive violent EMP's and are almost certainly electrically duded. The vehicles are also subjected to multiple periods of intense heating, so combustibles, fuels, explosives, and ablatives are destroyed. In addition, metal structures may be melted or vaporized.

Think of it this way: anything which hits one of these Tesla shields goes phhht! Just like a bug hitting an electrified bugkiller screen.

For years passing ships have observed and reported such multiple-shield "light phenomena" over remote regions of the ocean. U.S. intelligence has routinely not paid any heed to "lights at night" over remote ocean areas, and so Soviet tests in this manner have remained relatively unnoticed by officialdom...

--WOODPECKER BEAMS INTERSECT OVER NORTH AMERICA--

In July 1976 the U.S. received very special Bicentennial greetings from the Soviet Union.

At that time, communications systems of the world in the 3-30 megaHertz band suddenly met substantial interference from extremely powerful, chirped

Soviet transmitters which were suddenly activated. These transmitters continue their transmission to this day.

Estimates of the power of these transmitters vary, but figures range as high as several hundred megawatts, with a nominal figure being 100 megawatts.

These powerful transmitters were properly nicknamed "Woodpeckers" because of the characteristic sound of the chirped signal when received. That is, the received signal makes a "pecking" sound much like a woodpecker's beak hitting a block of wood.

Several nations protested, but the powerful signals have continued, right down to this day. The only Soviet response was to add a "spread spectrum" capability, so that the transmitter would not dwell too long on one specific frequency, but shifted periodically to other frequencies.

These transmitters have apparently never been precisely located by U.S. intelligence, but their beams carry much of the characteristics of an over-the-horizon (OTH) radar. They have been dubbed OTH radars by U.S. intelligence, and can without question perform that mission, in addition to some very interesting missions that U.S. intelligence does not assess.

"Soviet Military Power", Department of Defense, 1985, p.45 shows the direct intersection over the United States of the Woodpecker radar beams used in an OTH role. In addition, shown is an additional "scanner" beam which can be scanned across the intersection "grid" over the U.S., formed by waveform interference of two main Woodpecker beams.

First, they can be used in a conventional OTH radar mode, since their beams follow the earth-ionosphere waveguide and curve around the earth. In this mode they can detect missiles at launch and thereafter, and strategic bombers at launch and thereafter.

These scalar interference grid weapons can be used to biologically attack entire populations in a targeted area. This aspect is not covered in this briefing. Suffice it to say that phase locked ELF modulation signals of 10 Hz and less are often detected on multiple woodpecker frequencies simultaneously. In a target area, this modulation -- is sufficiently stronger than the Schumann resonance of the earth's magnetic field -- will entrain a percentage of the brains into "forced entrainment". In that case, these human brains are "synchronized" to the Woodpecker signals so that multiple coherent frequencies are phase-locked into them. That is, multiple coherent EM channels directly into these entrained brains now exist. At that point, Fourier expansions may now be used to attack specific portions of the brain geometrically.

In addition, scalar EM disease patterns can be modulated upon the carriers, again with fourier expansions. Specific biological effects can be induced in the entrained populations at will, limited only by the state of the art of the Soviet technology used to attack them. Possible effects

include instantaneous death, heart seizure, severe emotional disruption, loss of control of internal functions, diseases, disabling of the immune system, and even implantation of thoughts, emotions, and ideas which are interpreted by the subjects as their own.

While further discussion of this area is beyond the scope of my knowledge, the biological aspects of the Woodpecker transmitters are horrible. It suffices to say that, in thousands of experiments, Kaznacheyev demonstrated that almost any kind of cellular death and disease pattern could be electromagnetically transmitted. Kaznacheyev reported the effect in the near ultraviolet. Experimenters at the University of Marburg in West Germany duplicated the experiments in the infrared.

The bottom line is that photons themselves can carry death and disease patterns between cells. Scalar EM technology allows synthesis of the actual potential pattern (which after all represents total control of charge and charge distribution, hence biochemistry in the cell) of a particular disease or death mechanism. Symptoms (and cellular death from them!) of nuclear radiation, chemical poisoning, bacterial infection, and other mechanisms were induced by the Kaznacheyev experiments.

Dr. Popp of West Germany has published an analysis of the virtual photon master control system of the cells. Since scalar EM represents the deliberate ordering of virtual particle flux into deterministic patterns, the master control system can readily be entered with scalar techniques to induce disease and disorder at will...

The End