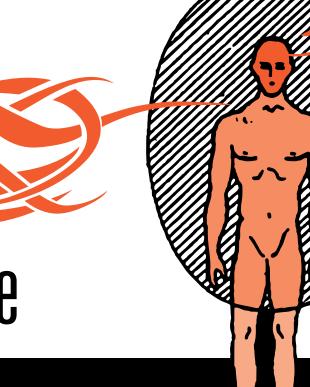
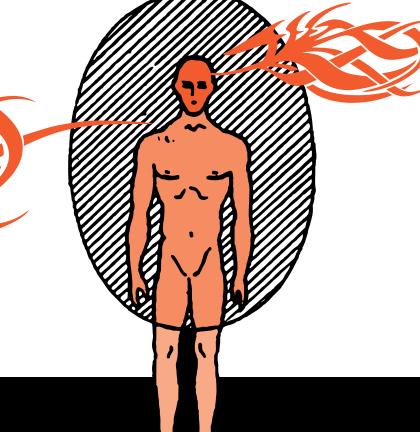


2,5 Ghz





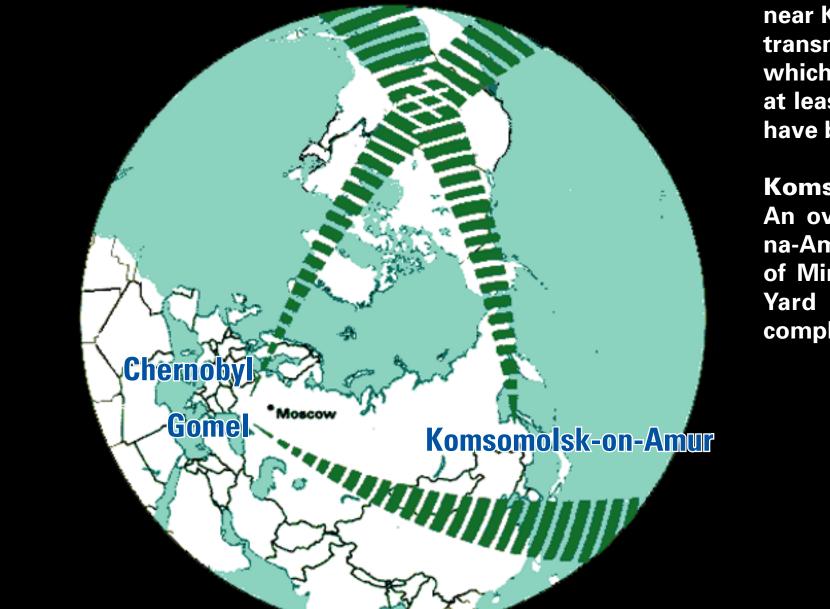




The Soviet Union began work on over-the-horizon [OTH] radar in the late 1950s, given the potential of this techology to surpass the range of conventional early warning radars. The focus was on backscatte radars that would provide warning of missile launches by detecting alterations in ionosphere propogation caused by the depletion of ions by missile exhaust plumes. These radars had to reliably detect group and mass launches of intercontinental ballistic missiles from the territory of the US. The radars are reported known as STEEL YARD or STEEL WORKS by the Western intelligence community. The Steel Yard OTH began operations in 1975-1976. One of the Steel Yard OTH was the Chernobyl-2 OTH station (C-2). This radar was the biggest directional H antennas in the world. The height of the bigge antenna was 150 m, the length appr. 500 m. Th height of the smaller antenna was 90 m. Within the radius of less than 60 km from this station known as "Chernobyl-2"(C-2) were found two other stations that seem in satellite photographs almost similar i appearance,namely "Lyubech-1"(d =58 km) and

"Goncharovsk-1"in Ukraine (d =54 km).(source:T

over-the-horizon radar (OTH)



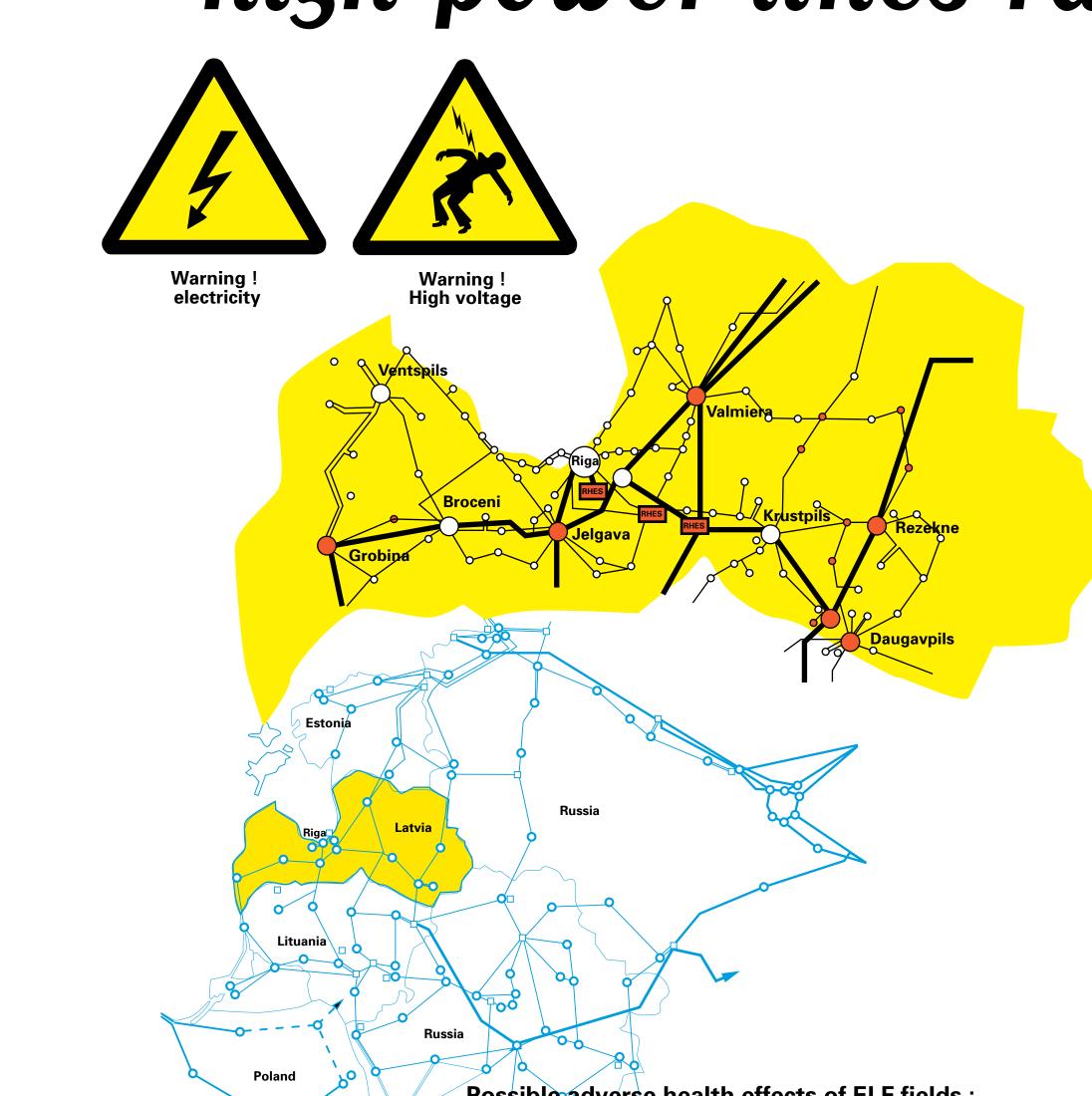
Three Steel Yard OTH radar

By 1980 the Russians were reportedly operating three OTHR transmitters, including two OTHR transmitters near Kiev (Chernobyl) and Minsk (Gomel?), and a third transmitter in Siberia focused on their northern flank which became operational in 1979. By the mid-1990s at least the two radars located in Ukraine appeared to

An over-the-horizon radar was built at Komsomolskna-Amure. Along with the facility at Gomel (southeast of Minsk) and Chernobyl (near Kiev), the other Steel Yard located at Komsomolsk-na-Amur provided complementary coverage of the United States.

have been deactivated.

high power lines radiation



CHP sources supplyi district heat to Riga - TEC MWt) plants. transmission networl systems of Latvenerge 110 kV overhead lines a 33 km 110 kV cable line and 129 substations. main 330kV grid consists o 12 domestic and 7 transi lines, connecting t Latvian power system † the neighboring systems in Estonia, Lithuania and

The state-owned electric company, Latvenergo, owns 97 percent of the

─1/. The effects on the immune system. A reduction in the krainiability of the circulating white blood cells to kill tumour cells. This has been shown in cell culture work and partially

2/. Effects on fetal development. There is evidence not only of fetal abnormalities but also in psycho-sexual development. Epidemio-logical work has shown evidence that miscarriages may be linked to electrical blanket use and some electrical home heating systems. 3/. The area of the control and regulation of cell growth, 4/. The effects on the central nervous system and the brain in the ways which affect very powerful hormonal mechanisms, which in turn have connections to cancer and

orroborated in animal studies.

The work is being conducted in many laboratories worldwide so that the old fiction that this research describes uncorroborated experiments is no longer true. The most significant finding is, I believe, although many of the effects can be seen from the fields alone, they appear to be strongly synergic with chemical factors. Some known chemical promoters are significantly enhanced in their action by the presence of power-line frequency magnetic fields. This may be a pointer to the clustering of cases, where there may be a common chemical factor as well as the magnetic fields. (

High power lines and childhood cancer

Dr David Savitz in the N.Y. State Power Line Project studies, NOTES announced his results which showed "prolonged exposure" (1) New York State Power to low-level power-frequency magnetic fields may increase Lines Project Final Report the risk of developing cancer in children". Savitz not only Supplement, 1988. See also found a statistically significant association between all types of childhood cancer and external magnetic fields, but also determined that children living close to high-current wiring had a five-fold increased risk of developing cancer. His final Report was not published until 1988. This showed almost a doubling (1.93) in childhood leukaemias at fields above 200

The 1987 NYSPLP report points out the possibility that 10 to power lines. Stockholm 15% of all childhood cancer cases in the U.S.A. might be IMM 6/92, 1992). attributable to power frequency magnetic fields of around 250 nT (2.5 mG) and above (1)

One Swedish study drew their subjects from corridors o land beneath Sweden's network of high voltage pylon lines and they found that between 1960 and 1985 around 500,000 people had lived within 300 metres of the lines. Feychting & Ahlbom calculated that children younger than 15 were 2.7 times more likely to contact leukaemia when exposed to magnetic fluxes greater that 200 nanotesla and 3.8 times when exposed to 300 nT (2)

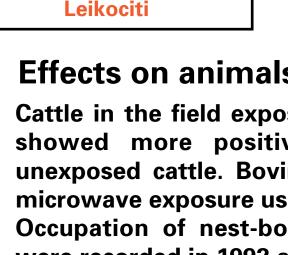
High power lines and suicide

Dr. Stephen Perry investigated the possible relationship NOTES between power lines and suicides and clinical depression in (1) Perry the West Midlands (England). He finded that there were three times as many suicides as there should have been in the urban roads that carried their heavy underground cables they stopped giving him any more information. When the study 41:267-277, 1981 was published it showed that people living in high magnetic fields next to power lines were 40% more likely to commit



class large phased array radar at the so-called "northern center" began in 1984. The 60-meter structure was to NOTES

important Soviet stations for



showed more positive micronuclei test results than unexposed cattle. Bovine lymphocytes in vitro respond to Occupation of nest-boxes and breeding success of birds were recorded in 1992 at 6 plots, placed in a line at distances of 2 to 19 km from the RLS. Only 14% of the 600 nest- boxes were occupied by Pied flycatchers. Such an extremely low level of inhabitance differs significantly from the level observed in other parts of Latvia. Apparently, the adult birds electromagnetic radiation as to a discomfort factor, different

Liepa, V. and Balodis V., Monitoring of bird breeding near a powerful radar station. Baltic Birds, Conference on the study and

morphology of a sensitive clone of duckweed Spirodela (1) I. Magone. 1996. The effect of polyrhiza. Plants developed completely under exposure from the electromagnetic field had a shorter life-span and fewer ultures Sci. Total Environ., 180: 75-Tree core samples for dendroecological analysis were emoved from 60 to 100-year old pine rees. The results

Adverse effects on pine tree growth and development were aspects. Sci. Total Environ. 180: 65-

Effects on children

states. Reduces cholesterol, with consequent reductions is

blood pressure and the tendency for blood clots, and hence

reduces the risk of strokes. Scavenger of free radicals (Free

radical damage is now known to play a formative role in

risk of atherosclerosis and coronary heart disease. Reduces

RF/MW exposure reduces melatonin in people and a NOTES serotonin enhancement. Evidence that EMR reduced (1) Wang, S.G. 1989: "5-HT contents melatonin in human beings commenced with Wang (1989) who found that workers who were more highly exposed to RF/MW had a dose-response increase in serotonin, and hence indicates a reduction in melatonin. Fourteen studies have observed significant EMR associated melatonin

FM/TV Tower, Riga

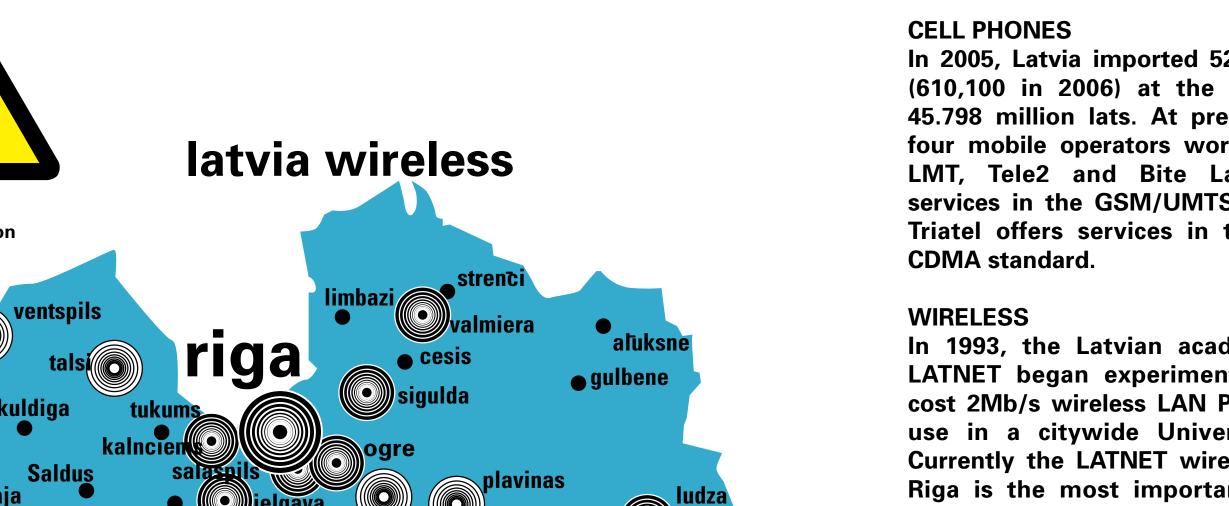
There is robust evidence that RF/MW radiation is genotoxic. Because hypothesis that chronic exposure to RF/MW radiation causes cancers a residential exposure levels. Cancer is biologically plausible if the disease studies (notes 1 to 19). Four of these studies show 7, 8, 10, 13, 17, 19). Nine studies from five these studies shows a dose-response (21) and another shows an extremel significant DNA strand breakage, p<0.0001, at a very low exposure level, 0.0024 W/kg. Two of the DNA studies (24) claim that their data does not show that RF/MW radiation produces DNA-strand breakage. However, their data shows significant DNA breakage followed by significantly enhanced DNA repair. There is highly substantial evidence that RF/MW is genotoxic and is therefore carcinogenic. (Dr. NEIL CHERRY, Childhood cancer incidence in the vicinity of the Sutro Tower. San Francisco, 29may00, www.mindfully.org/Technology/Sutro-Tower-EMF-Cancer29may00.htm)

1 - Tonascia, J.A. and Tonascia, S., 1969: "Hematological Study: progress report on SCC 31732", George Washington University, Department of - Balode, Z., 1996: "Assessment of radio-frequency electromagnetic radiation by the micronucleus test in Bovine peripheral erythrocytes". The 3 - Garaj-Vrhovac, V., Horvat, D., Brumen-Mahovic and Racic, J., 1987: "Somatic mutations in persons occupationally exposed to microwave radiation". Mutation Research 181: 321 4 - Garaj-Vrhovac, V., Fucic, A, and Horvat, D., 1990: "Comparison of 5 - Garaj-Vrhovac, V., Horvat, D. and Koren, Z., 1990: "The effect of 6 - Garai-Vrhovac, V., Horvat, D. and Koren, Z., 1991: "The relationship between colony-forming ability, chromosome aberrations and incidence of micronuclei in V79 Chinese Hamster cells exposed to microwave radiation" Mutat Res 263: 143-149. 7 - Garaj-Vrhovac, V., Fucic, A, and Horvat, D., 1992: The correlation between exposed to microwave radiation in vitro". Mutation Research, 281: 181-186 8 - Garaj-Vrhovac, V., and Fucic, A., 1993: "The rate of elimination of chromosomal aberrations after accidental exposure to microwave 9 - Garaj-Vrhovac, V., 1995: "Micronucleus assay and Lymphocyte mitotic O - Garcia-Sagredo, J.M. and Monteagudo, J.L., 1991: "Effect of low-level" ulsed electromagnetic fields on human chromosomes in vitro: analysis of chromosome aberrations". Hereditas 115(1): 9-11 11 - Haider, T., Knasmueller, S., Kundi, M, and Haider, M., 1994: "Clastogeni effects of radiofrequency radiation on chromosomes of Tradescantia 2 - Maes, A., Verschaeve, L., Arroyo, A., De Wagter, C. and Vercruyssen, I 1993: "In vitro effects of 2454 MHz waves on human peripheral blood - Maes, A., Collier, M., Slaets, D., and Verschaeve, L., 1996: "954 MHz Microwaves enhance the mutagenic properties of Mitomycin C'

14 - Macs, A., Collier, M., Van Gorp, U., Vandoninck, S. and Verschaeve, I 1997: "Cytogenetic effects of 935.2-MHz (GSM) microwaves alone and in combination with mitomycin C". Mutat Res 393(1-2): 151-156. 5 - Mailhes, J.B., Young, D., Marino, A.A. and London, S.N., 1997: "Electromagnetic fields enhance chemically-induced hyperploidy in mammalian oocytes". Mutagenesis 12(5): 347-351. 16 - Tice, R., Hook, G. and McRee, D.I., 1999: "Genetic Damage from Cellphone Radiation". Proc. 30th Annual Meeting of the Environmental - Timchenko, O.I., and lanchevskaia, N.V., 1995: "The cytogenetic action of electromagnetic fields in the short-wave range". Psychopharmacolog 18 - Vijayalaxmi, B.Z., Frei, M.R., Dusch, S.J., Guel, V., Meltz, M.L. and **Jauchem**, J.R., 1997: "Frequency of micronuclei in the peripheral blood and bone marrow of cancer-prone mice chronically exposed to 2450 MHz 19 - Vijayalaxmi, B.Z., Frei, M.R., Dusch, S.J., Guel, V., Meltz, M.L. and Jauchem, J.R., 1997a: "Frequency of micronuclei in the peripheral blood and bone marrow of cancer-prone mice chronically exposed to 2450 MHz radiofrequency radiation - a correction". Radiation Research, 148 20 - Lai, H. and Singh, N.P., 1995: "Acute low-intensity microwave exposure increases DNA single-strand breaks in rat brain cells". Bioelectromagnetics 21 - Lai, H. and Singh, N.P., 1996: "Single- and double-strand DNA breaks in rat brain cells after acute exposure to radiofrequency electromagnetic radiation". Int. J. Radiation Biology, 69 (4): 513-521. 22 - Lai, H., and Singh, N.P., 1997: "Melatonin and Spin-Trap compound Block Radiofrequency Electromagnetic Radiation-induced DNA Strands Breaks in Rat Brain Cells." Bioelectromagnetics 18:446-454. 23 - Malyapa, RS., Ahem, E.W., Bi, C., Straube, W.L., LaRegina, M., Pickard, W.F. and Roti Roti, J.L., 1998: "DNA damage in rat brain cells after in vivo exposure to 2450 MHz electromagnetic radiation and various methods of euthanasia". Radiation Research 149(6): 637-645. 24 - Malyapa, R.S., Ahern, E.W., Bi, C., Straube, W.L., Moros, E.G., Pickard, W.F. and Roti Roti, JL., 1997b: "Measurement of DNA damage after exposure to electromagnetic radiation in the cellular phone communication frequency

band (835.62 and 847.74 MHz)". Radiation Research 148: 618-627

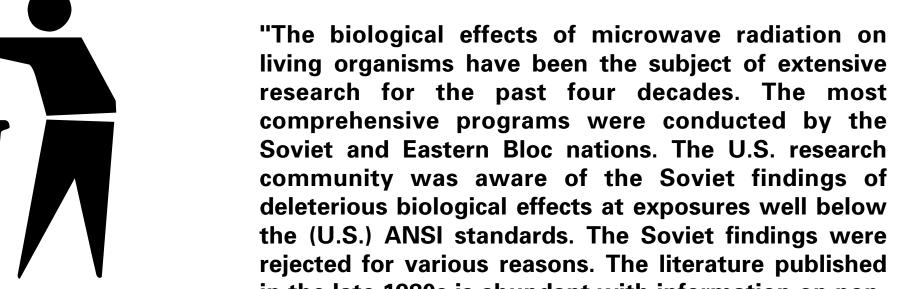
microwaves radiation



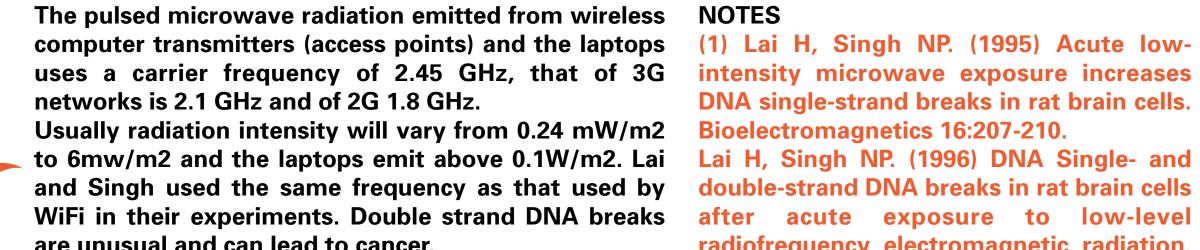
CELL PHONES In 2005, Latvia imported 525,500 cellulars (610,100 in 2006) at the total value of 45.798 million lats. At present there are four mobile operators working in Latvia. LMT, Tele2 and Bite Latvija provide services in the GSM/UMTS standard and Triatel offers services in the alternative

LATNET began experimenting with low cost 2Mb/s wireless LAN PC adapters fo use in a citywide University network Currently the LATNET wireless system i Riga is the most important part of the educational network, which connects more than two hundred sites including University departments, Institutes, high schools, and government agencies. Wireless LAN equipment uses spread spectrum transmission technology a operates in the so-called ISM (Industrial Science, and Medical) license free band 902-928MHz, 2.4-2.484GHz, and 5.725-

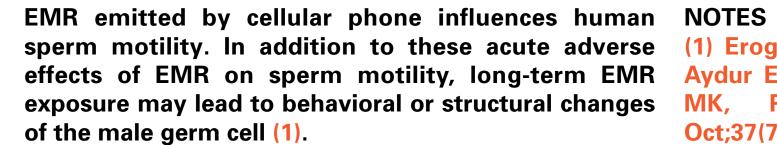
The second-generation wireless Interne access network in Riga was started in 199 and today is connecting more than 200 sites not only in Riga but also in the number of other towns around the country (see Figure 3). This network is based on Aironet Arlan equipment operating in the ISM 2.4-2.485GHz frequency band.



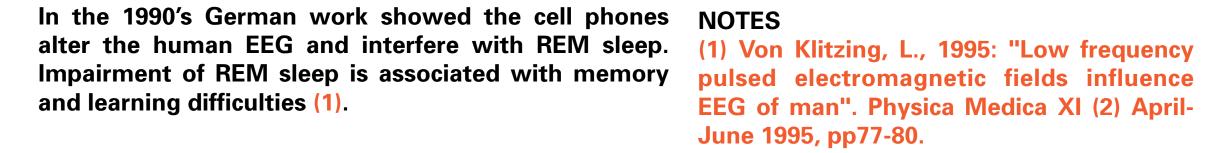
living organisms have been the subject of extensive research for the past four decades. The most comprehensive programs were conducted by the Soviet and Eastern Bloc nations. The U.S. research community was aware of the Soviet findings of deleterious biological effects at exposures well below the (U.S.) ANSI standards. The Soviet findings were rejected for various reasons. The literature published in the late 1980s is abundant with information on non thermal effects which are produced at levels below the ANSI standards. The principle electromagnetic biological effects of greatest concern are behavioura aberrations, neural network perturbations, fet (embryonic) tissue damage (inducing birth defect) cataractogenesis, altered blood chemistry, metabolic changes and suppression of the endocrine an



uses a carrier frequency of 2.45 GHz, that of 3G intensity microwave exposure increases to 6mw/m2 and the laptops emit above 0.1W/m2. Lai Lai H, Singh NP. (1996) DNA Single- and WiFi in their experiments. Double strand DNA breaks after acute exposure to low-level are unusual and can lead to cancer. radiofrequency electromagnetic radiation. Int J Radiat Biol 69:513-521



Modification of Electroencephalogram



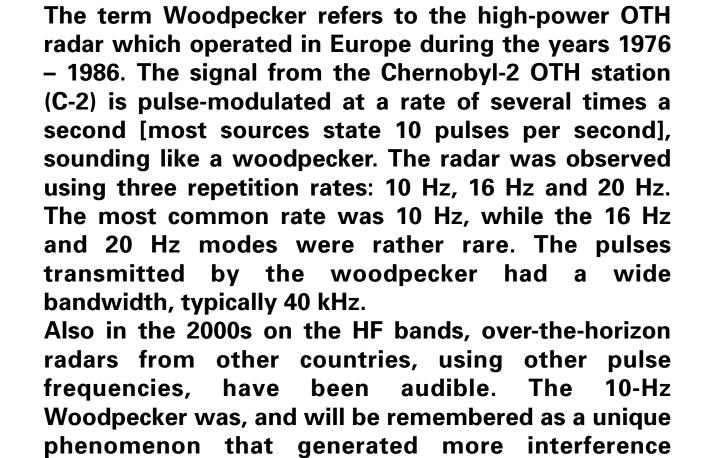
Cell phone and cancer malignant brain tumours. (

increased dramatically during the last decade. There is (1) Lennart Hardell, Kjell Hansson Mild, concern of health problems such as malignant diseases due to microwave exposure during the use of Tumour risk associated with use of cellular these devices. The brain is the main target organ. telephones or cordless desktop We found for all studied phone types an increased risk telephones, World Journal of Surgical for brain tumours, mainly acoustic neuroma and Oncology 2006, 4:74

sed electromagnetic fields influence EEG of man". Physica Medica XI (2) April-June 1995, pp77-80.

Mann, K., and Roschkle, J., 1996: "Effects of pulsed high-frequency electromagnetic fields on human sleep". Neuropsychobiology, 33: 41-47

What is Woodpecker?



reports and speculations than any other radio When it first began operations, the transmitter interfered with several communications channels including emergency frequencies for aircraft on transoceanic flights. Subsequently the operational practice was modified so that the radar skipped these critical frequencies as it moved across its operational

When the transmissions were first detected in the West, some suggested that the Soviets were developing a new radio system for communicating with strategic submarines. Others suggested that it was designed to detect and track low-flying aircraft or missiles. Far less plausible theories extended t suggestions the Soviets were trying to modify the weather; experimenting with radio waves to control human behavior; or developing a weapon to shoot

down nuclear-tipped missiles. (source: ABM AND SPACE DEFENSE A. Karpenko Nevsky Bastion, No. 4, 1999, pp. 2-47 and The Woody Woodpecker Story by Väinö Lehtoranta)

square of the distance.

Howitzer by Tom Bearden).

What is earth grid?

Transverse Wave

O-WAVES ZERO ENERGY LINES

waves, it's possible to reveale their presence and to

"condensate" them for zero point energy (etheric

energy) power production .

(interference zone)

Scalar waves are perpendiculars (contrary to electromagnetic fields from the two wires cancel each

electromagnetic waves). By cross interference of scalar other and create a scalar wave." (Bearden)

gigantic vortices of ocean currents.

VECTOR ENERGY ZONES

Tesla repeatedly stated his waves were non-Hertzian,

waves. By implication, therefore, a normal transverse

ndependently would be longitudinal if uncoupled. An

ordinary transverse EM vector wave is thus two pair-

coupled Tesla scalar longitudinal waves" (The Tesla

"Scalar waves are produced when two

electromagnetic waves of the same frequency are

exactly out of phase (opposite to each other) and the

The result is not exactly an annihilation of magnetic

fields but a transformation of energy back into a scalar

wave. This scalar field has reverted back to a vacuum

state of potentiality. Scalar waves can be created by

wrapping electrical wires around a figure eight in the

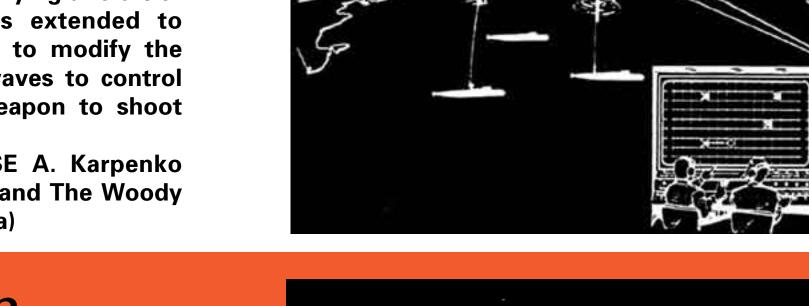
shape of a möbius coil. When an electric current flows

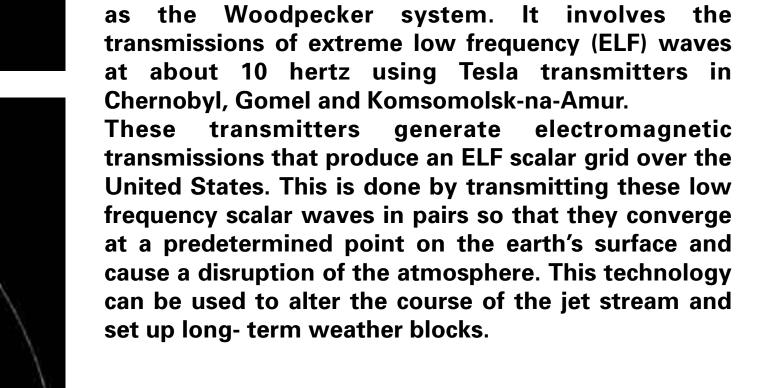
through the wires in opposite directions, the opposing

have recently discovered evidence of faint magnetic

where hurricanes originate, or where there are

mplitudes subtract and cancel or destroy each other.





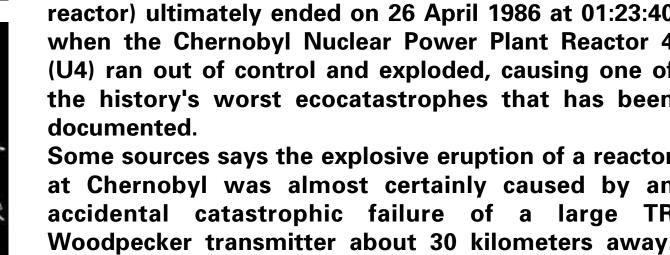
Control the air of United States

Chernobyl-2, also known as "FAR" (Phased Grid of

A weather modification project?

object, aimed to control the air of United States

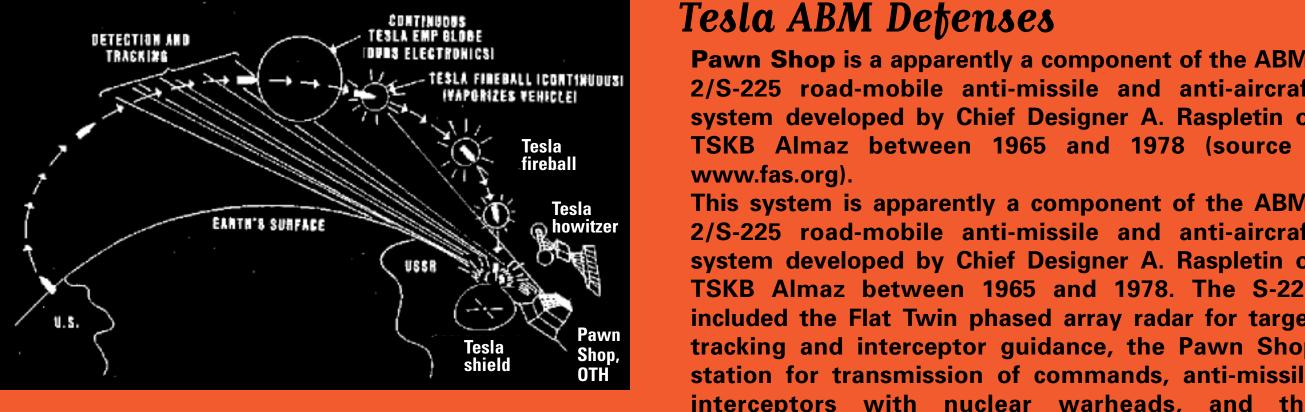
Chernobyl and Woodpecker

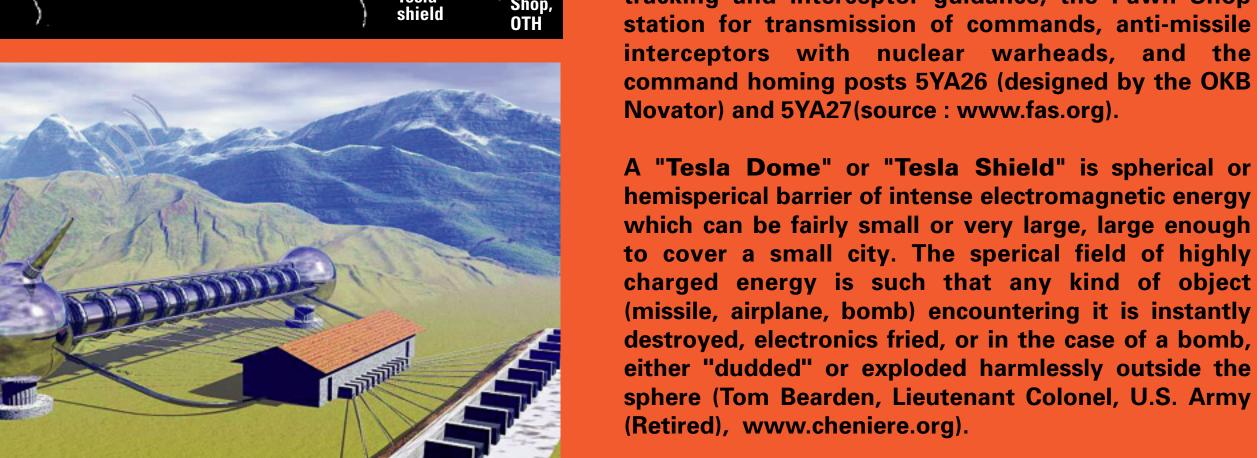


The Chernobyl-2 OTHR station (9.7 km away from the

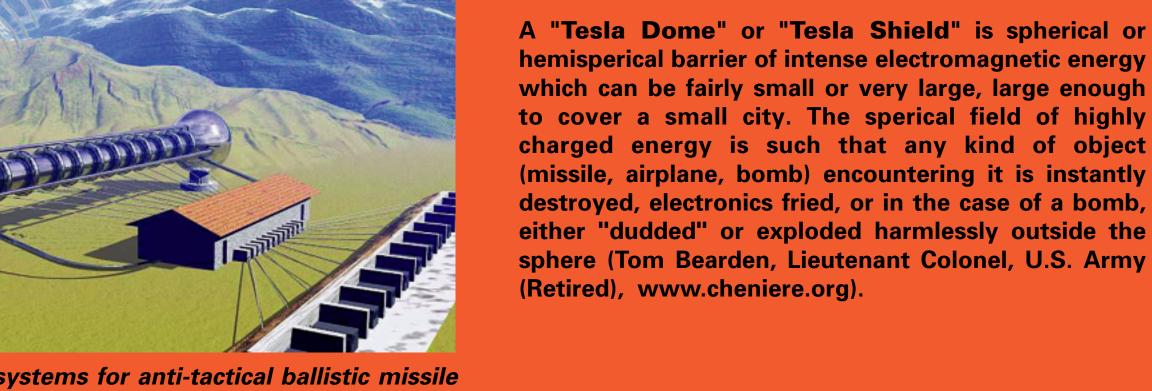
(Tom Bearden, Lieutenant Colonel, U.S. Army (Retired), www.cheniere.org

Before the turn of the century, Nikola Tesla had discovered and was utilizing a new type of wave. and his wireless transmissions did not fall off as the "Any vector wave can be decomposed into two scalar

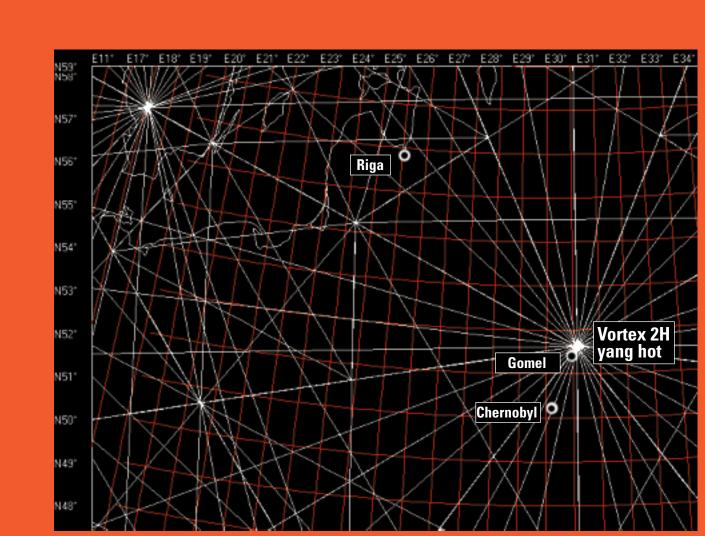




esla howitzer systems for anti-tactical ballistic missile defense : a scalar Weapon designed by Nicola Tesla subject of a 1997 treaty with 10 nations banning it's



use, but it's in use today.



Gomel: 52°26'30"N 030°59'00"E Chernobyl Reactors: 51°16'N 030°14'E

Vortex 2H Yang hot : (latitude) 52° 36'36.00 N (longitude) 31° 12'0.00"E In this example we can see that apparentely, Gomel's OTH radar is quite in the center of a primary vortex zone (regarding the earth's energetical grid system). Chernobyl reactors was also placed on an energetical line connected with Gomel's construction. The question rise about these correlations.

Do the military system use the Earth's energetical grid system to enhancing the effectivity of scalar weapons?



Electrostatic sensitive

Danger related to electro-magnetic fields

RF/MW radiation, Skrunda

two HEN HOUSE radars built in the vears several studies on impa station of the system. This date is m zone area around locators considered to be an official during the operation of the beginning of Russian early warning station. In the direction o Construction of a PECHORA [Darval] prohibited in an area of 1500 m

conservation of birds of the Baltic

region. Vilnius: 39. 1993.

listening to objects in space. The Skrunda PECHORA radar building was destroyed by explosive charge on 04 May 1995. A similar station under construction in Baranovich Belarus, will resolve all the problems caused by the closure of the Skrunda station.

Cattle in the field exposed in vivo near Skrunda, Latvia (1)

Effects on plants

emonstrated that the mean relative additional annual increment of pine had been decreased in plots that recieved electromagnetic radiation from the Skrunda RLS. This lecrease was significant 3-5 years after the beginning of operation of the RLS and continued to the end of the period

reported due to a pulsed EMF (154-162 Hz) emanating from the Skrunda RS in Latvia. The authors interpreted their observation as unspecific stress responses (accelerated resin production and promoted senescence) due to EMF from the

A radar station near Skundra in Latvia is called "a living NOTES laboratory for the chronic low level effects of exposure to (radio frequency) RF/MW radiation" by researchers Kolodynski and Kolodynska. They found that in a study of 966 children, motor function, memory and attention were significantly worse in the exposed group and their neuromuscular endurance was decreased. Children living in front of the RLS had less developed memory and attention, 2 February 1996, Pages 87-93 their reaction time was slower and their neuromuscular

apparatus endurance was decreased. (1) Effects on the production of melatoning

Melatonin isv ital for healthy sleep, including lowering the natural wonder drug". Pub body temperature, and assisting in maintaining health sleep Bantam Books, New York

