The Ultimate Weapon of Mass Destruction: "Owning the Weather" for Military Use, Plus Cell tower neuroweapon, Who is the scientist J Marvin Herndon?

FOR THOUSANDS OF YEARS THE RULING ELITE CLASSES OF MONARCHIES, PRIESTS, BLACK NOBILITY, PHARAONIC BLOOD LINES, SECRET SOCIETIES, MONEY CHANGERS, DARK OCCULTISTS AND CABALISTS HAVE BEEN KEEPING KNOWLEDGE FROM HUMANITY, DIVIDING AND RULING US THROUGH FEAR AND IGNORANCE WHILE ALL THE WHILE SETTING UP A SYSTEM OF ENSLAVEMENT BASED ON CREATING IGNORANCE AND DIVISION AMONGST US THROUGH FALSE PARADIGMS LIKE MONEY, RELIGION, RACE DIVISION, THE SPREADING OF MULTIPLE CONFLICTING IDEOLOGIES, CONFUSION THROUGH MIXING OF DIFFERENT LANGUAGES, HOLDING BACK OCCULTED ESOTERIC KNOWLEDGE FROM OUR SCHOOLING AND THE GENERAL POPULATION, CHEMICAL DUMBING DOWN OF POPULATIONS THROUGH FOOD, AIR AND WATER ADDITIVES, CONTROLLED PROPAGANDA, PSYCHOLOGICAL WARFARE, FALSE FLAGS, PSY-OPS, HEGALIAN DIALECTIC TACTICS, SPORTS AND ENTERTAINMENT DISTRACTIONS, PHARMACEUTICAL, DRUGS, ALCOHOL AND OTHER MEANS.

Even though these articles are not new, the subjects are on our minds. How hard it is to live in today's society with our own government being controlled by those unelected elite who are pulling the strings in the shadows?

The Ultimate Weapon of Mass Destruction: "Owning the Weather" for Military Use

By <u>Prof Michel Chossudovsky</u> Global Research, July 05, 2018

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Theme: Environment, Militarization and WMD

In-depth Report: Climate Change



Author's Introductory Note

Environmental modification techniques (ENMOD) for military use constitute, in the present context of global warfare, the ultimate weapon of mass destruction.

Rarely acknowledged in the debate on global climate change, the world's weather can now be modified as part of a new generation of sophisticated electromagnetic weapons. Both the US and Russia have developed capabilities to manipulate the climate for military use.

Environmental modification techniques have been applied by the US military for more than half a century. US mathematician John von Neumann, in liaison with the US Department of Defense, started his research on weather modification in the late 1940s at the height of the Cold War and foresaw 'forms of climatic warfare as yet unimagined'. During the Vietnam war, cloud-seeding techniques were used, starting in 1967 under Project Popeye, the objective of which was to prolong the monsoon season and block enemy supply routes along the Ho Chi Minh Trail.

The US military has developed advanced capabilities that enable it selectively to alter weather patterns. The technology, which was initially developed in the 1990s under the High-frequency Active Auroral Research Program (HAARP), was an appendage of the Strategic Defense Initiative – 'Star Wars'. From a military standpoint, HAARP —which was officially abolished in 2014—is a weapon of mass destruction, operating from the outer atmosphere and capable of destabilising agricultural and ecological systems around the world.

Officially, the HAARP program has been closed down at its location in Alaska. [I think it reopened and is functional] The technology of weather modification shrouded in secrecy, nonetheless prevails.

Weather-modification, according to the US Air Force document AF 2025 Final Report, "offers the war fighter a wide range of possible options to defeat or coerce an adversary", capabilities, it says, extend to the triggering of floods, hurricanes, droughts and earthquakes:

'Weather modification will become a part of domestic and international security and could be done unilaterally... It could have offensive and defensive applications and even be used for deterrence purposes. The ability to generate precipitation, fog and storms on earth or to modify space weather... and the production of artificial weather all are a part of an integrated set of [military] technologies."

In 1977, an international Convention was ratified by the UN General Assembly which banned 'military or other hostile use of environmental modification techniques having widespread, long-lasting or severe effects.' According to the Convention on the Prohibition of Military or Any Other Hostile Use of Environmental Modification Techniques:

The term "environmental modification techniques" refers to any technique for changing – through the deliberate manipulation of natural processes – the dynamics, composition or structure of the Earth, including its biota, lithosphere, hydrosphere and atmosphere, or of outer space. (Convention on the Prohibition of Military or Any Other Hostile Use of Environmental Modification Techniques, United Nations, Geneva: 18 May 1977)

While the substance of the 1977 Convention was reasserted in the UN Framework Convention on Climate Change (UNFCCC) signed at the 1992 Earth Summit in Rio, debate on weather modification for military use has become a scientific taboo.

Military analysts and scientists are mute on the subject. Meteorologists are not investigating the matter and environmentalists are largely focusing on greenhouse gas emissions under the Kyoto Protocol. The possibility of climatic or environmental manipulations as part of a military and intelligence agenda, while tacitly acknowledged, is not part of the broader debate on climate change under UN auspices.

While discussion of the post Cold War military applications of weather warfare is a taboo, the US Air Force has nonetheless acknowledged the strategic importance of ENMOD techniques in the modern battlefield of non-conventional warfare and intel ops, including the conduct, without the enemy's knowledge, of "covert" weather modification operations.

While the US Force acknowledges that ENMOD weapons are part of military arsenal, there is no formal proof or evidence that ENMOD techniques have been used by US military against a foreign country or enemy of the US.

At this juncture in our history, US-NATO forces are deployed worldwide.

The US and its allies are waging war on Syria and Iraq and targeting Iran and North Korea. They are also threatening Russia and China.

The Pentagon has formulated the contours of a global military agenda, a "long war", a war without borders.

"Weather warfare" is the ultimate WMD with the potential of destabilizing an enemy's ecosystem, destroying its agriculture, disabling communications networks. In other words, ENMOD techniques can undermine an entire national economy, impoverish millions of people and "kill a nation" without the deployment of troops and military hardware.

The following text, with the exception of some small edits was first published in September 2004.

The 2004 article was a follow-up on an earlier study by the author entitled <u>Washington's New World Order Weapons Have the Ability to Trigger Climate Change</u>, Third World Resurgence, January 2001,

http://www.globalresearch.ca/articles/CHO201A.html

While <u>The Ecologist published in 2007 a shorter version of the above study,</u> the issue of climatic manipulation for military use has largely been ignored by Environmentalists.

The URL of the original article is: http://globalresearch.ca/articles/CHO409F.html.

This essay is dedicated to the memory of **Dr. Rosalie Bertell**, who, from the very outset revealed the diabolical nature of the HAARP project, as part of an integrated non-conventional weapons program:

"It is related to fifty years of intensive and increasingly destructive programs to understand and control the upper atmosphere. ...

HAARP is an integral part of a long history of space research and development of a deliberate military nature. The military implications of combining these projects is alarming. ... The ability of the HAARP / Spacelab/ rocket combination to deliver very large amounts of energy, comparable to a nuclear bomb, anywhere on earth via laser and particle beams, are frightening. The project is likely to be "sold" to the public as a space shield against incoming weapons, or, for the more gullible, a device for repairing the ozone layer."

It is my sincere hope that this article will renew the debate on the dangers of weather warfare and will contribute to the broader objective of World peace which requires the relentless "disarming" of the US- NATO military apparatus.

Officially, the HAARP program has been closed down at its location in Alaska. The technology of weather modification shrouded in secrecy, nonetheless prevails.

Michel Chossudovsky, May 18 2015

Weather Warfare

The significant expansion in America's weather warfare arsenal, which is a priority of the Department of Defense is not a matter for debate or discussion. While, environmentalists blame the Bush administration for not having signed the Kyoto protocol, the issue of "weather warfare", namely the manipulation of weather patterns for military use is never mentioned.

The US Air Force has the capability of manipulating climate either for testing purposes or for outright military-intelligence use. These capabilities extend to the triggering of floods, hurricanes, droughts and earthquakes. In recent years, large amounts of money have been allocated by the US Department of Defense to further developing and perfecting these capabilities.

Weather modification will become a part of domestic and international security and could be done unilaterally... It could have offensive and defensive applications and even be used for deterrence purposes. The ability to generate precipitation, fog, and storms on earth or to modify space weather, ... and the production of artificial weather all are a part of an integrated set of technologies which can provide substantial increase in US, or degraded capability in an adversary, to achieve global awareness, reach, and power. (US Air Force, emphasis added. Air University of the US Air Force, AF 2025 Final Report, http://www.au.af.mil/au/2025/ emphasis added)

While there is no firm evidence that the US Air Force weather warfare facilities have been deliberately applied to modify weather patterns, one would expect that if these capabilities are being developed for military use, they would at least be the object of routine testing, much in the same way as the testing of new conventional and strategic weapons systems.

Needless to say, the subject matter is a scientific taboo. The possibility of climatic or environmental manipulations as part of a military and intelligence agenda, while tacitly acknowledged, is never considered as relevant. Military analysts are mute on the subject. Meteorologists are not investigating the matter, and environmentalists are strung on global warming and the Kyoto protocol.

Ironically, the Pentagon, while recognizing its ability to modify the World's climate for military use, has joined the global warming consensus. In a major <u>study (pdf)</u>, the Pentagon has analyzed in detail the implications of various global warming scenarios.

<u>The Pentagon document</u> constitutes a convenient cover-up. Not a word is mentioned about its main weather warfare program: **The High-Frequency Active Auroral Research Program (HAARP)** based in Gokona, Alaska –jointly managed by the US Air Force and the US Navy.

There are several mainstream explanations on weather and climate change, none of which fully explains, within their respective terms of reference, the highly unusual and erratic weather occurrences, not to mention the human toll and devastation, which have led to the destabilization of entire agricultural and eco-systems. Needless to say these explanations never address the issue of climate manipulation for military use.

Climatic Manipulation by the US Military: The HAARP Program

The High-Frequency Active Auroral Research Program (HAARP) based in Gokona, Alaska, has been in existence since 1992. It is part of a new generation of sophisticated weaponry under the US Strategic Defense Initiative (SDI). Operated by the Air Force Research Laboratory's Space Vehicles Directorate, HAARP constitutes a system of powerful antennas capable of creating "controlled local modifications of the ionosphere" [upper layer of the atmosphere]:

"[HAARP will be used] to induce a small, localized change in ionospheric temperature so that resulting physical reactions can be studied by other instruments located either at or close to the HAARP site". (HAARP website)

Nicholas Begich –actively involved in the public campaign against HAARP– describes HAARP as: "A super-powerful radiowave-beaming technology that lifts areas of the ionosphere by focusing a beam and heating those areas. Electromagnetic waves then

bounce back onto earth and penetrate everything — living and dead."

(for further details see Michel Chossudovsky, http://www.globalresearch.ca/articles/CHO201A.html)

World renowned scientist **Dr. Rosalie Bertell** depicts HAARP as "a gigantic heater that can cause major disruptions in the ionosphere, creating not just holes, but long incisions in the protective layer that keeps deadly radiation from bombarding the planet." (quoted in Chossudovsky, op cit.)

According to Richard Williams, a physicist and consultant to the David Sarnoff laboratory in Princeton *HAARP constitutes "an irresponsible act of global vandalism."*

He and others fear a secret second stage where HAARP would

"beam much more energy into the ionosphere. That could produce a severe disruption of the upper atmosphere at one location that may produce effects that spread rapidly around the Earth for years."

(Quoted in Scott Gilbert, Environmental Warfare and US Foreign Policy: The Ultimate Weapon of Mass Destruction, http://www.globalresearch.ca/articles/GIL401A.html)

HAARP has been presented to public opinion as a program of scientific and academic research. US military documents seem to suggest, however, that HAARP's main objective is to "exploit the ionosphere for Department of Defense purposes." (quoted in Chossudovsky, op cit).

Without explicitly referring to the HAARP program, a US Air Force study points to the use of "induced ionospheric modifications" as a means of altering weather patterns as well as disrupting enemy communications and radar. (Ibid)

HAARP also has the ability of triggering blackouts and disrupting the electricity power system of entire regions.

An analysis of statements emanating from the US Air Force points to the unthinkable: the covert manipulation of weather patterns, communications systems and electric power as a weapon of global warfare, enabling the US to disrupt and dominate entire regions of the World.

Weather Warfare: A Corporate Bonanza

HAARP has been operational since the early 1990s. Its system of antennas at Gakona, Alaska, was initially based on a technology patented by Advanced Power Technologies Inc. (APTI), a subsidiary of Atlantic Ritchfield Corporation (ARCO).

The first phase of the HAARP *Ionospheric Research Instrument (IRI)* was completed by APTI. The IRI system of antennas was first installed in 1992 by a subsidiary of British Aerospace Systems (BAES) using the APTI patent. The antennas beam into the outer-atmosphere using a set of wireless high frequency transmitters.

In 1994, ARCO sold its APTI subsidiary, including the patents and the second phase construction contract to E-Systems, a secretive high tech military outfit with links to the CIA (http://www.crystalinks.com/haarp.html).

E-Systems specializes in the production of electronic warfare equipment, navigation and reconnaissance machinery, including "highly sophisticated spying devices":

"[E-Systems] is one of the biggest intelligence contractors in the world, doing work for the CIA, defense intelligence organizations, and others. US\$1.8 billion of their annual sales are to these organizations, with \$800 million for black projects-projects so secret that even the United States Congress isn't told how the money is being spent.

(http://www.earthpulse.com/haarp/vandalism.html)

"The company has outfitted such military projects as the Doomsday Plan (the system that allows the President to manage a nuclear war) and Operation Desert Storm."

(Princeton Review, http://www.princetonreview.com/cte/profiles/internshipGenInfo.asp?internshipID=998)

With the purchase of APTI, E-Systems acquired the strategic weather warfare technology and patent rights, including Bernard J. Eastlund's US Patent No: 4,686,605 entitled "Method and Apparatus for Altering a Region in the Earth's Atmosphere, Ionosphere and/or Magnetosphere".

It is worth mentioning that the Eastlund /APTI patents were based on the research of Yugoslav scientist Nicola Tesla (many of whose ideas were stolen by US corporations).

(See Scott Gilbert, Environmental Warfare and US Foreign Policy: The Ultimate Weapon of Mass Destruction,

http://www.globalresearch.ca/articles/GIL401A.html)

Eastlund described this deadly technology as capable of:

"causing...total disruption of communications over a very large portion of the Earth...missile or aircraft destruction, deflection or confusion... weather modification..."

(http://www.wealth4freedom.com/truth/12/HAARP.htm),

Not surprisingly, the patent had previously been sealed under a government secrecy order. Barely a year following the E-Systems purchase of APTI's weather warfare technology, E-Systems was bought out by Raytheon, the fourth largest US military contractor. Through this money-spinning acquisition, Raytheon became the largest "defense electronics" firm in the World. Meanwhile, ARCO which had sold APTI to E-Systems, had itself been acquired by the BP-AMOCO oil consortium, thereby integrating the largest oil company in the World (BP).

Raytheon through its E-Systems subsidiary now owns the patents used to develop the HAARP weather warfare facility at Gakona Alaska. Raytheon is also involved in other areas of weather research for military use, including the activities of its subsidiary in Antarctica, Raytheon Polar Services.

"Owning the Weather": Towards the Expanded Final Stage

The HAARP antenna array and transmitters were slated to be built in several distinct phases http://www.haarp.alaska.edu/haarp/phases.html

- Developmental Prototype (DP) (See http://www.haarp.alaska.edu/haarp/dp.html))
- Filled DP (FDP),

- Limited IRI (LIRI)
- Full size or final IRI (FIRI). See http://www.haarp.alaska.edu/haarp/fdp.html

During the Clinton administration, the "Filled Developmental Prototype" (FDP), namely a system composed of an array of 48 active antenna elements with connected wireless transmitters, was installed and completed at the HAARP facility in 1994. (See Figure 1 below) Under the initial Developmental Prototype (DP), only 18 of the 48 transmitters were connected.

Bernard Eastlund in a 1997 interview described this antenna array in its Filled DP stage as the "the largest ionospheric heater ever built".

This system of 48 antennas, however, while fully operational, was not according to Eastlund, powerful enough (in 1997) "to bring the ideas in his patents to fruition":.

"But they're getting up there", he said. "This is a very powerful device. Especially if they go to the expanded stage." (quoted in Scott Gilbert, op cit,

see also http://www.emagazine.com/january-february 1997/0197currhaarp.html

This 'final expanded stage' envisioned by Eastlund, which will provide maximum capability to manipulate the World's weather patterns, has now been reached. Under the Bush administration, the main partner of Raytheon (which owns the patents) in the construction and development stage of the HAARP antenna array, is British Aerospace Systems (BAES), which had been involved in the initial installation of the antenna array in the early 1990s. The multimillion dollar contract was granted by The Office of Naval Research to BAES in 2003, through its US subsidiary BAE Systems Advanced Technologies Inc. The contract was signed barely two months before the Anglo-American invasion of Iraq.

Using Raytheon's technology, BAES was to develop the HAARP lonospheric Research Instrument (IRI) to its maximum capabilities of "Full size or final IRI (FIRI)".

In April 2003, BAE Systems Advanced Technologies outsourced the production and installation of the antennas to Phazar Corp (http://www.phazar.com/), a company specializing in advanced wireless antennas for military use.

(Phazar owns Antenna Products Corporation of Mineral Wells, Texas http://www.antennaproducts.com/).

Phazar was entrusted with producing and installing 132 crossed dipole antennas items for the HAARP facility.

(http://www.antennaproducts.com/News%20Release%2004-18-03.pdf)

A year later, in April 2004, the final phase in the expansion of the HAARP facility was launched. (Dept of Defense, 19 April 2004). This phase consisted in equipping all the 180 antennas with high frequency transmitters. BAE Systems was awarded another lucrative contract, this time for \$35 million.

In July 2004, Phazar had delivered and installed the 132 crossed dipole antennas including the antenna support structures and ground screen items at the HAARP facility, bringing the number of antennas from 48 under the FDP stage to 180. (see Table 2). Meanwhile, BAE Systems had contracted with Jersey based defense electronics firm <u>DRS Technologies</u>, <u>Inc</u> in an \$11.5 million outsourcing arrangement, the production and installation of the high-frequency (HF) radio transmitters for the HAARP antenna array.

(See http://www.drs.com/press/archivelist.cfm?PRESS_RELEASE_ID=1529&preview=1_ and Business Wire, 15 June 2004). DRS specializes in a variety of leading edge products for the U.S. military and intelligence agencies.

(http://www.drs.com/corporateinfo/index.cfm).

Under its contract with BAE Systems Information and Electronic Warfare Systems in Washington, D.C., DRS is to manufacture and install "more than 60 Model D616G 10-Kilowatt Dual Transmitters" to be used with the HAARP system of antennas. (It is unclear from the company statements whether all the 180 antennas will be equipped with a transmitter, bringing the system up to full IRI capabilities).

Deliveries and installation are to be completed by July 2006. While HAARP is described as a "research project", the production of the transmitters was entrusted to DRS' C41 "Command, Control, Communications, Computers and Intelligence (C4I) Group"

The diagram and images below describe the HAARP Alaska Facility in 1997. [Note most of the url links are broken as a result of the closure of the HAARP facility]

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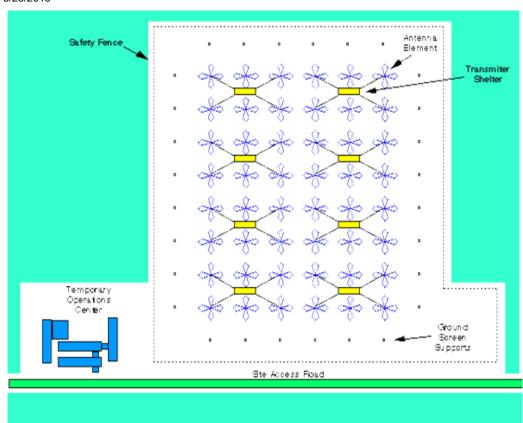


Figure 1: The Array of 48 Antenna Elements with the Transmitter Shelters (FDP stage)

The 48 antenna array is supported by transmitter shelters, each of which contains 6 transmitter cabinets. (See image of shelter below)

Each cabinet contains two transmitters. (image of cabinet below)

The newly installed 132 dipole antennas supplied by Phazar vastly increase the size of the HAARP Alaska facility; the new transmitters are supplied and installed by DRS



Image 1: Aerial Photo of the HAARP Alaska Site Source: http://www.haarp.alaska.edu/haarp/ohd.html



Image 2: HAARP Antenna Array
Source: http://www.haarp.alaska.edu/haarp/images/trans/transtr.ipg

http://www.haarp.alaska.edu/haarp/images/trans/transtr.jpg
Transmitter Shelter containing Six Transmitter Cabinets. Each Cabinet contains two transmitters

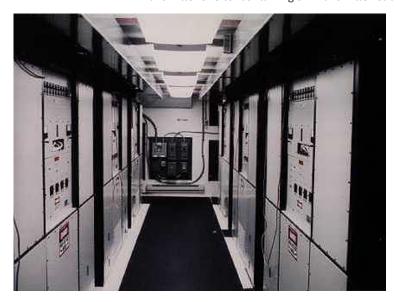


Image 4: Inside the Transmitter Shelter http://www.haarp.alaska.edu/haarp/images/trans/shelter.jpg

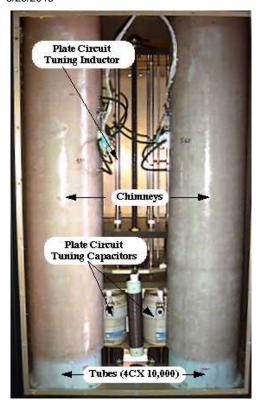


Image 5. Two Transmitters making up a Transmitter Cabinet [no longer available] http://www.haarp.alaska.edu/haarp/images

Testing of HAARP Equipment (2003-2004)

It is worth noting that the expansion of the antenna array (e.g. during 2003-2004) required, as part of the contracts reached with BAE Systems and its various subcontractors, the routine testing of the installed weather warfare equipment. An intermediate stage Limited IRI (LIRI), could be in operation by 2004, following the completion of the 180 antenna array under the Phazar contract and pending the final delivery of the remaining HF radio transmitters.

In this regard, a report published by the Russian parliament (Duma) in 2002, suggests that the US Military had plans to test its weather modification techniques at its Alaska facility, as well as at two other sites:

"The committees reported that the USA is planning to test three facilities of this kind. One of them is located on the military testing ground in Alaska and its full-scale tests are to begin in early 2003. The second one is in Greenland and the third one in Norway.

"When these facilities are launched into space from Norway, Alaska and Greenland, a closed contour will be created with a truly fantastic integral potential for influencing the near-Earth medium," the State Duma said.

The USA plans to carry out large-scale scientific experiments under the HAARP program, and not controlled by the global community, will create weapons capable of breaking radio communication lines and equipment installed on spaceships and rockets, provoke serious accidents in electricity networks and in oil and gas pipelines and have a negative impact on the mental health of people populating entire regions, the deputies said. (Interfax News Agency, original Russian, BBC Monitoring, 8 August 2002, emphasis added)

Whether this report by the Russian Duma on testing "starting in early 2003" is correct or not, the US administration must be confronted nationally and internationally, at the political and diplomatic levels, at the UN and the US Congress, by the international scientific community, by environmentalists and the antiwar movement. The future of humanity is threatened by the use of weather modification techniques.

Moreover, to wage an effective campaign, it is essential that corroborating scientific investigation of the unusual weather occurrences observed in recent years (and particularly since early 2003) be undertaken. This investigation should be far-reaching, collecting relevant data, correlating specific weather occurrences to recorded antenna activity at the Alaska site as well as at the two other sites, etc.

The Full Size Ionospheric Research Instrument FIRI stage, described as "a maximum size of 180 antenna elements, arranged in 15 columns by 12 rows" is scheduled to be completed by mid-2006 (assuming the installation of the remaining dual transmitters), at which time the HAARP program will have reached its maximum FIRI capacity, meaning the ability to selectively modify, for military use, weather patterns anywhere in the World.

"The IRI is currently [June 2004] composed of 48 antenna elements and has a power capacity of 960,000 watts. When installed, the additional 132 transmitters will give HAARP a 3.6 mega-watt capacity [see Table 2 below]. The HAARP build-out is jointly funded by the U.S. Air Force, the U.S. Navy and the Defense Advanced Research Projects Agency (DARPA). (Business Wire, 10 June 2004)

Table 2: Comparison of IRI Phases

DP	FDP	LIRI	FIRI	
Number of Active Antenna Elements	18	48	108	180
Total Transmitter Power (kW)	360	960	2160	3600
Maximum Antenna Gain (dB)	19	24	29	31
Max Effective Radiated Pwr (dBW)	74	84	92	96
Min Antenna Pattern Width (degrees)	9	8	5	
Frequency Range	2.8 to 10 MHz			
Modulation Types	CW/AM/FM/PM			

Source http://www.haarp.alaska.edu/haarp/phases.html

This advanced stage of full capacity (FIRI) corresponds to what the US Air Force has called "Owning the Weather":

US aerospace forces [will] 'own the weather' by capitalizing on emerging technologies and focusing development of those technologies to war-fighting applications... From enhancing friendly operations or disrupting those of the enemy via small-scale tailoring of natural weather patterns to complete dominance of global communications and counterspace control, weather-modification offers the war fighter a wide-range of possible options to defeat or coerce an adversary... In the United States, weather-modification will likely become a part of national security policy with both domestic and international applications. Our government will pursue such a policy, depending on its interests, at various levels.

(US Air Force, emphasis added. Air University of the US Air Force, AF 2025 Final Report, http://www.au.af.mil/au/2025/)

Weather Warfare against "Rogue States"

The unusual climatic occurrences in the US and Western Europe have been extensively documented.

However, what the news media has failed to underscore is that a number of unusual and dramatic climatic changes have occurred in recent years in countries which are identified as possible targets under the US Administration's pre-emptive war doctrine.

Weather patterns in North Korea, for instance, have been marked since the mid-1990s by a succession of droughts, followed by floods. The result has been the destruction of an entire agricultural system. In Cuba, the pattern is very similar to that observed in North Korea. (see Table 3)

In Iraq, Iran and Syria, a devastating drought occurred in 1999. In Afghanistan, four years of drought in the years preceding the US led invasion in 2001, have led to the destruction of the peasant economy, leading to widespread famine.

While there is no proof that these weather occurrences are the result of climatic warfare, Phillips Geophysics Lab, which is a partner in the HAARP project provides a course for military personnel at the Hanscom Air Force Base in Maryland, on "Weather Modification Techniques". The course outline explicitly contemplates the triggering of storms, hurricanes, etc. for military use. (See his slide show at http://www.dtc.army.mil/tts/1997/proceed/abarnes/

Open PowerPoint presentation at http://www.dtc.army.mil/tts/tts97/abarnes.zip)

Weather manipulation is the pre-emptive weapon par excellence. It can be directed against enemy countries or even "friendly nations", without their knowledge. Weather warfare constitutes a covert form of pre-emptive war. The manipulation of climate can be used to destabilize an enemy's economy, ecosystem and agriculture (e.g. North Korea or Cuba). Needless to say it can trigger havoc in financial and commodity markets and can potentially be used as an instrument of "insider trade" for financial gain. It has the ability of destabilizing a country's institutions. Concurrently, the disruption in agriculture creates a greater dependency on food aid and imported grain staples from the US and other Western countries.

The Bush administration has stated that it reserves the right to attack these countries preemptively, with a view to ensuring the security of the American homeland.

Washington —as part of its nuclear posture review— has threatened several countries including China and Russia with pre-emptive nuclear strikes. One would assume that the same targeting of rogue states exists with regard to the use of weather modification techniques".

While there is no evidence of the use of weather warfare against rogue states, the policy guidelines on "weather intervention techniques" have already been established and the technology is fully operational.

Table 3: Unusual Weather Occurrences: North Korea, Cuba, Afghanistan and Iraq

Note: While the US Force acknowledges that ENMOD weapons are part of the military arsenal, there is no formal proof or evidence that ENMOD techniques have been used by the US military against a foreign country or enemy of the US.

There is no firm evidence that the unusual weather patterns recorded below are the result of climatic warfare.

North Korea

Recurrent flooding and drought often in the same year has hit North Korea since 1995, 220,000 people died in the ensuing famine, according to Pyongyang's own figures. U.S. figures place the number of deaths resulting from famine at 2 million. The first major flooding occurred in 1995.

There were floods and drought in 1999. The serious water shortage resulting from the 1999 drought was conducive to the destruction of crops.

"The temperature of water in rice fields goes beyond 40 degrees and the tall rice plants fresh from the rice seedling beds are withering. In particular, nearly all after-crop maize seedlings and seeds are perishing," it added.

In 2001, in June there was an extensive drought with rainfall just 10% of normal levels, which served to undermine agricultural crops. And then a few months later, in October, there were extensive floodings leading to the further destruction of rice harvests

and a crisis situation in food distribution.

"Officials in Kangwon province – an area which already suffers food shortages – say the impact of the torrential rain and flooding has been devastating. The normal recorded rainfall for October should be around 20mm. But in the worst-affected areas 400mm (18 inches) of rain fell in just 12 hours. "It was the worst flooding we've had since records began in 1910," said Kim Song Hwan, head of the government's Flood Damage Rehabilitation Committee for the region.

(BBC, 23 Oct 2001, http://news.bbc.co.uk/1/hi/world/asia-pacific/1614981.stm)

Cuba

For several years Cuba has been affected by recurrent droughts. In 1998, rainfall in Eastern Cuba was at its lowest level since 1941. A United Nations team estimated 539,000 people, 280,000 of them farmers, were directly affected by reduced availability of food or reduced income through production losses. Some reported effects are: hunger in areas; a loss of up to 14% of the sugar cane crop planted last year and a reduction in this spring's planted crops, since rains were not sufficient for some seeds to germinate (which will reduce next year's crop); as much as 42% losses in food staples such as root vegetables, beans, bananas, and rice in the five eastern provinces; and livestock, poultry, and egg production losses

(UN Relief, http://www.reliefweb.int/w/rwb.nsf/0/2975570e60ff2a7685256680005a8e2d?OpenDocument)

In 2003, a devastating drought hit the Western part of Cuba

In 2004 May-June, the country is hit by the worst drought in its history:

"A severe drought enveloping eastern Cuba has eroded 40 percent of the farmland, starved thousands of heads of cattle and has close to 4 million people counting every drop of water they consume." The drought is described as the worst in 40 years.

"The drought has robbed underground water levels of some 10 feet over the past 10 years, leaving over 5,000 wells across the province dry," said Leandro Bermudez, a geologist and the second man at Cuba's National Institute of Hydraulic Resources. (MSNBC, 21 June 2004 http://msnbc.msn.com/id/5262324

The cities are running out of water. According to the Independent, "Drought is bringing Cuba to its knees:

Unnoticed by the world, the longest dry period for decades has brought much of Cuba to its knees. Could this be the crisis that finally destroys Fidel's revolution?

"All across central and eastern Cuba, farmers, ranchers, city dwellers and government officials are scrambling to deal with a punishing drought that began a decade ago and intensified in the last two years.

Although traditionally arid, the provinces of Holguin, Camaguey and Las Tunas hold some of Cuba's finest pasture and farmland and have long been crucial to this communist nation's dairy, beef and agricultural industries.

More than 12,500 cattle have died in Holguin alone in 2004 and milk production has fallen 20 percent. The price of beans, plantains, sweet potatoes and other staples has soared in private markets.

The drought has caused millions of dollars in losses and officials are spending millions more digging wells, building a water pipeline and taking other measures to try to ease the crisis – huge sums in an impoverished nation struggling through tough economic times and a battle with the United States.

Officials also have moved thousands of cattle to more fertile areas and are working furiously to finish a 32-mile pipeline that will draw water to Holguin city from Cuba's largest river, the Cauto. The \$5 million pipeline could be completed next month.

(Chicago Tribune, July 29, 2004, http://www.thestate.com/mld/thestate/news/world/9271316.htm)

The above report date to September 2004, it was published before the hurricanes hit the Cuban coastline followed by torrential rains.

Afghanistan and The former Soviet Republics of Central Asia

The worst drought in Afghanistan history occurred in the three consecutive years prior to the onslaught of the US led invasion, from 1999 to 2001. The agricultural recovery of the 1990s, in the wake of the Soviet-Afghan war was brought to a standstill.

In the wake of the US led 2001 invasion, the United States supplied Afghanistan with genetically modified wheat and appropriate types of fertilizer to be used with the GM wheat, which was said to be high yield drought resistant. The donation of GM wheat, however, also led to destabilizing the small peasant economy because the GM wheat varieties could not be reproduced locally. In 2002, famines which were barely reported by the media, swept the country.

Similar although less severe conditions prevailed in the former Soviet republics of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan.

Like Afghanistan, Tajikistan has had its infrastructure ruined by prolonged civil war with Muslim fundamentalists. Since then, the worst regional drought in 74 years has destroyed food crops over a large part of the nation, rendering almost half of the 6.2 million people in the country vulnerable to the threat of famine and disease, up from 3 million last year. About the only portion of the economy that has been unaffected is the drug trade. Tajikistan is the transit route for 65 to 85 percent of heroin smuggled out of Afghanistan, the world's largest producer.

(http://www.americanfreepress.net/Mideast/Drought Desperation Breed Vio/drought desperation breed vio.html)

Triggered by the lowest rainfall (2001) in living memory, vast tracts of Iran, Uzbekistan, Pakistan and Tajikistan are being reduced to desert as the water table sinks, long-established wells dry up and herds of livestock perish.

The crisis appears to fulfill alarming climate change predictions suggesting that states along the old Silk Road will experience steeper rises in temperature than any other region on earth. By the end of the century it will be 5C hotter in an area which regularly sees the thermometer soar above 40C.

The study, published last year by the Tyndall Centre for Climate Change Research at the University of East Anglia, predicted that Asian countries from Kazakhstan to Saudi Arabia will warm up more than twice as much as others. "Several states," the report added, "including Uzbekistan, Tajikistan, Afghanistan and Iran, [are facing] famine."

In Tajikistan, the United Nations appealed for aid to avert disaster. "Substantial foreign aid is needed or else there will be a large-scale famine," said Matthew Kahane, the UN's humanitarian aid coordinator, speaking from the capital, Dushanbe.

"The country has had its lowest rainfall for 75 years. Families who survived last year by selling their cows and chickens now have no other means of coping. Some households have sold the glass out of their windows and the wooden beams from their roofs to raise money for food."

(The Guardian, Oct 30, 2001,

http://www.guardian.co.uk/famine/story/0,12128,736902,00.html)

Iraq

In 1999, Iraq suffered its worst drought of the century, with the effect of triggering an even greater dependence on imported grain under the oil for food program. There was a drop of up to 70 percent in domestic yields of wheat, barley and other cereals, which served to further weaken the country's economy, crippled by economic sanctions and the routine bombing by allied aircraft in the no-fly zones.

A similar (although less serious) situation prevailed in Syria and Iran, marked by significant declines in agricultural output.

Related Global Research Articles on Weather Warfare

Michel Chossudovsky, Washington's New World Order Weapons Have the Ability to Trigger Climate Change, Jan 2001, http://www.globalresearch.ca/articles/CHO201A.html

Vladimir V. Sytin, Secret Use of Weather Modification Techniques by US Air Force? August 2003,

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Weather Warfare: Beware the US Military's Experiments with Climatic Warfare

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https://www.globalresearch.ca/the-ultimate-weapon-of-mass-destruction-owning-the-weather-for-military-use-2/5306386

U.S. silently tortures Americans with cell tower electromagnetic neuroweapon



- Homeland Security- administered fusion center agencies/commands chief among them, U.S. Cyber Command use a nationwide scalar electromagnetic radiation "directed energy" neuroweapon system to silently torture, impair, subjugate, or slow- or fast-kill extra-legally targeted Americans and their families an American genocide hiding in plain sight.
- Victims' own cell phones may be used to target them.

- A government-devised "electromagnetic ghetto."
- How a young FBI agent's "I believe you" gave victim the faith to go public.

President Obama has told the nation and the world that America does not torture.

President Obama is wrong — and security/military/intel officials in his administration know it. America tortures. Not just Gitmo and Bagram "war on terror" detainees, but its own citizens.

Each day, a nationwide scalar electromagnetic radiation "multifunctional" radio frequency directed energy weapon attack system employing phased array cell tower antenna transmitter/receivers and GPS satellites, under the administration of U.S. Cyber Command and military contractor Lockheed Martin, is used to silently and invisibly torture, impair, subjugate, and degrade the physical and neurological health of untold thousands of American citizens who have been extrajudicially "targeted" by a hate- and ideology-driven domestic "disposition matrix" as "dissidents" or "undesirables."

Most of these "targeted individuals" have no idea what is making them sick, tired, exhausted, irritable, confused, lethargic; plagued with painful, debilitating head and body aches; sharp, piercing, painful ringing tones audible only to the target; temporary or permanent cognitive impairment; induction of stroke, heart attack, aneurysm; or diseases such as cancer...

...leaving them unable to function normally and lead a happy, healthy life.

The weapon system also is capable of lethal attack — both "slow-kill" and "fast-kill."

Victims of this government-engineered, stealth genocide are robbed of the most basic of human rights — free will, freedom from external manipulation of their physiological and neurological functions.

The weapon system is capable of delivering speed-of-light scalar (longitudinal) electromagnetic wave attacks (as well as other types of radio frequency energy such as microwaves) that are precision tuned to specific brainwave frequencies of each human target. Virtually all of the victims previously have visited a doctor or neurologist seeking treatment for pounding headache, unexplained fatigue, sleep problems, or disturbing symptoms such as cognitive impairment. Those medical visits allow shadow government operatives to harvest medical records, including EEG test results that facilitate "brain mapping" — how radio frequency weapon torturers are able to mount radio frequency attacks fine-tuned to each unique individual targeted for no-touch torture, impairment, even "slow-kill" or "fast-kill" homicide.

The scalar waves produced by the radio frequency directed energy weapon (RFDE) are capable of carrying multiple subcarrier radio frequencies that affect human physiology at variable power levels (or "amplitude"). In effect, the RFDE arms security forces with a "God machine" that can manipulate, disrupt, or destroy the biological processes that govern the functioning of human beings. Scientists describe this effect as "neuromodulation" of the human nervous system — the remote manipulation of physiological and neurological processes, including alteration of consciousness and mood states. Electromagnetic weapon attack precision-tuned to the brain frequencies of unique individuals can put unknowing victims into an induced state of forced fatigue, involuntary yawning, deep sleep — or, conversely, forced wakefulness — within a matter of minutes, according to victim accounts and supporting published literature.

Pulsed electromagnetic wave manipulation of brain-controlled physiological functioning has been demonstrated in the Arizona State University laboratory of neuroscientist Dr. William J. Tyler, whose work has been funded by the U.S. Army Research Laboratory, according to published articles. Tyler describes the process as radio frequency "neuromodulation." In his writings, Dr. Tyler discusses the use of phased array electromagnetic antennae to precision-target the desired radio frequency neuromodulation effects on human physiology:

http://www.scribd.com/doc/37364132/Remote-Control-of-Brain-Activity-Using-Ultrasound-Armed-With-Science

A recent Popular Science article cites a quotation from Tyler published on the Department of Defense "Armed with Science" blog:

"...(M)y laboratory has engineered a novel technology which implements transcranial pulsed ultrasound to remotely and directly stimulate brain circuits without requiring surgery."

Tyler told Wired.com's "Danger Room:"

"The brain serves all the functions of your body, and if you know the neuroanatomy, then you can start to regulate each one of those functions."

The cell tower radio frequency weapon system also is capable of broadcasting disturbing, torturous sounds, even voices, directly into the head of "targeted individuals," using triangulated electromagnetic waves that make a direct connection to the region of the brain that controls hearing, bypassing the auditory organs to generate sounds that are perceptible only to the target. This technology, sometimes deceptively referred to as "voice to skull" ("V to K") or "microwave hearing", raises the specter of what is commonly known as Orwellian "mind control." Persons who report hearing "voices" in their heads may not be delusional or mentally ill; they could be entrained subjects under a heinous form of high-tech social control that facilitates the remote manipulation of human behavior via "subaural suggestion" directly into the brain of the "target" — bypassing the auditory organs. This weapon system conceivably could be used by rogue elements to spawn Manchurian candidate- style "patsies," persons unknowingly programmed to commit politically-motivated assassinations and other acts of social chaos:

http://viclivingston.blogspot.com/2013/12/weekend-of-fatal-accidents-op-chaos.html http://viclivingston.blogspot.com/2012/08/alleged-sikh-shooter-was-army-psyops.html

Because the radio frequency attack system can be precision-targeted to triangulate its multiple beams on unique individuals, this silent torture and impairment technology can and is being used by federal and local law enforcement to impose a regimen of extra-legal electromagnetic incarceration — an "electromagnetic ghetto" imposed upon citizens without benefit of due process under the law.

According to victim accounts, "innocent but targeted" persons may be subjected to heightened levels of silent torture or impairment if they dare to venture beyond their immediate neighborhoods — to go "beyond the pale." Operators of the electromagnetic wave weapon obtain the necessary

targeting location coordinates from hidden GPS devices; the victim's cellphone; or infrared laser targeting devices trained upon the victim by law enforcement or "community stalkers" who may be affiliated with town watch or community policing groups.

The planning for this electromagnetic ghetto is documented in several federally funded studies, such as a March 2001 report from the National Criminal Justice Reference Service.

http://www.ncjrs.gov/pdffiles1/nij/grants/187101.pdf

Government documents describes such weaponry, capable of targeting and delivering a wide array of electromagnetic microwave and other radio frequency energy with extreme precision, as "non-lethal" or "less than lethal." In fact, experts familiar with radiation weaponry say these systems can be used to torture; inflict bodily injury; cause illnesses from cataracts to cancer; induce fatigue, weakness, excruciating pain or loss of consciousness; or to KILL — "slow kill" or "fast kill," depending on the "amplitude" (signal strength) of the attack.

A 2006 video produced by the U.S. Air Force "Directed Energy Directorate" at Kirtland Air Force Base in New Mexico discusses how electromagnetic weaponry is designed to "accurately aim and put this energy on target with surgical precision" — at the speed of light.

http://youtube.com/watch?v=mSGprwJx_zs&NR=1

A 2008 article on the <u>Wired.com</u> magazine "Danger Room" blog site discusses a court document said to indicate that the U.S. Secret Service is involved in the development of directed energy weapons technology. The article speculates that the agency may have deployed such devices in the course of its official duties.

http://blog.wired.com/defense/2008/11/presidents-secr.html

According to publicly available patents upon which the system is based... http://freepatentsonline.com/7629918.html

http://freepatentsonline.com/4456912.html

[WARNING: The active links, above, are subject to MALICIOUS HACKING and may re-direct readers to a phony, or "spoofed" web page. The writer suspects, but cannot prove, that rogue elements are responsible. If you suspect the <u>freepatentsonline.com</u> pages have been hacked, please use a search engine to locate another site that publishes public patent documents. The last time I checked, the patent numbers themselves — 7629918 and 4456912 — were correct. Alternative sites are not given here, to dissuade further malicious hacking by those seeking to cover up the truth.]

... this "multi-functional radio frequency directed energy weapon system" generates precision-triangulated "directed" bursts of pulsed electromagnetic energy using the combined power of multiplexed, phased array antenna installations that are configured in a "Delta T" form factor: a metallic triangular base upon which are mounted multiple vertical transmission stanchions.

These multiple mast antenna arrays generate various forms of electromagnetic energy, including scalar electromagnetic waves. Scalar waves are "out-of-phase" radio waves that have the unique ability at the precise point of intersection to extract from a near-zero point temperature vacuum state electromagnetic energy of variable amplitude (strength). At maximum amplitude, the energy produced by scalarwave radio frequency weapon attack produces what physicists term "molecular dissociation" — destruction of physical matter that literally vaporizes — or, in the words of physical engineer <u>Dr. Judy Wood</u>, "dustifies" — the target. Dr. Wood believes that scalarwave dustification resulting from radio frequency weapon attack explains what really caused the destruction of the World Trade Center twin towers in New York City on Sept. 11, 2001.

Radio frequency weapon technology has its roots in the pioneering work of the scientist Nikola Tesla, whose "Tesla coil" invention first demonstrated the awesome energy-producing properties of scalar waves.

http://www.teslasociety.com

Some scientists believe that scalar wave technology, if exploited for peaceful purposes, could provide a cheap and efficient solution to the world's energy demands. But the companies that hold the patents appear to be withholding the technology exclusively for military and national security applications.

The God machine can do even more than allow its military and security state operators to lord over the world's population. The Raytheon patent states that this weapon system can be used to "alter atmospheric conditions." In other words, this scalar wave directed energy weapon system can manipulate the weather — harnessing the world's climate, turning the weather into a potential military super-weapon. The old adage, "You can't change the weather," no longer is true.

The scalar radio frequency weapon system also appears to be capable of inducing "telekinesis" — the movement of distant objects via an unseen electromagnetic force field spawned by the intersection of triangulated electromagnetic waves. The scientific principle behind the "force beam" is present in some existing technologies, such as the propulsion system that drives so-called "magnetic levitation" or "<u>maglev</u>" trains now in service in Japan, South Korea and China.

The covert installation of RFDE antennae everywhere across America explains the profusion of cell towers, and why so many towers are clustered so close together, from urban neighborhoods to expansive rural plains and farmlands.

The cover story — that these are just cell phone towers — amounts to nothing less than a big government lie.

Yet the system is inextricably and ominously linked to consumer cellular communications.

It appears that a human target's own cell phone may serve as a covert targeting device for this attack system. Those who are marked for electromagnetic attack could be paying for a telecommunications service that enables their silent torture, impairment and potential injury.

(For more on targeting technologies, see the footnote at the bottom of this article.)

This cell tower attack network has been deployed under the cover of "national security," apparently as a means to instantly and covertly disable electronic devices that could be used as weapons by terrorists or hostile forces. But the capabilities of the scalar electromagnetic weapon grid extend far beyond mere application of destructive force. It also appears that the weapon can literally "hyperjack" (a cyber-era derivative of the term "hijack") any microchip controlled electronic device. The weapon is capable of overriding user commands, and, based on empirical evidence, apparently is capable of reprogramming microchips "on the fly." Because the weapon generates electromagnetic force fields, it also can be used to manipulate or degrade the operations of non-computerized motorized devices, from electric motors to gasoline, diesel or jet engines.

The celltower RF weapon grid incorporartes targeting capabilities, and apparently utilizes synthetic aperature radar (SAR) systems capable of precision-targeting as well as wireless video and audio "through the wall" surveillance — no traditional cameras or microphones needed. The technology requires a continuous radar stream of electromagnetic energy — meaning that the entire population of the United States is being bathed in radio frequency emissions every minute of every hour of every day. Because the system has been built out only in recent years, no entity has studied the long-term health effects of having a stealth cell tower weapon system clustered in populated areas. Scientists long have known that even non-ionizing electromagnetic radiation has a deleterious effect on human health, although the full extent of the danger remains a subject of debate.

Silent assaults directed at a targeted individual can cause "induced dementia" — symptoms that mimic Alzheimer's disease and other cognitive dysfunction. Cognitive impairment apparently can be arrested if and when the attacks cease — or if the "amplitude" of the electromagnetic radio frequency is turned down by its clandestine government operatives. Prolonged exposure to these electromagnetic attacks can and does degrade human health, and, as mentioned, can induce both injury and disease leading to premature death.

"The idea is to make the 'target' look mentally ill or emotionally unstable, so that the person can be shunted into a mental hospital or otherwise marginalized and removed from society," says one alleged victim, who says that the silent attacks rendered him so weak, disoriented and fatigued that he was unable to work for a period of four years.

This victim says he slowly regained his full cognitive abilities only after repeated visits to a local FBI office, where he pleaded with agents to intervene on his behalf. But he reports that the attacks have continued, causing chronic fatigue, extreme weakness, near-daily forced sleep attacks and sharp sudden pain that he says amounts to torture.

He also maintains that his local police chief appears to be aware of the covert attack system, but is powerless to stop the attacks.

"What kept me going when the attacks were most severe, from the summer of 2004 and into 2008, was when I went down to the FBI and literally begged a young FBI agent to help me, and she looked me directly in the eye and said, 'I believe you.'

"When she said that, it gave me the confidence to go public despite my fears that I'd be treated like some kind of a nut case. Now that the truth is getting out, I'm grateful to that young agent for giving me the faith to fight this."

By the pervasive deployment of these weapons systems as a tool of torture and enslavement, the U.S. government is denying thousands of its citizens the inalienable right to life, liberty and the pursuit of happiness.

The U.S. government has enabled the "slow kill," torture, or impairment of thousands of its own people while cruelly stripping them of free will — the very essence of what it is to be human.

This classified weapons system functions in every community in America. Some local police officials know about it. Apparently, they have been sworn to secrecy on "national security" grounds. The mainstream media has its collective head in the sand, buying the government propaganda that a new generation of directed energy weapons is "less lethal" and thus "saves lives."

That is another big lie.

This covert torture matrix is every bit as heinous as the death machine of Nazi Germany — perhaps even more so, because it is silent and invisible.

Victims of these silent assaults also are subject to relentless "community stalking" harassment, vandalism and terroristic acts performed by government-enabled "community watch" and policing organizations that have been transmogrified by a secret multi-agency federal program into a vigilante American Gestapo.

Victims also say they are subject to financial and career sabotage enabled by government agencies that have deemed them to be "dissidents" or undesirables — or have slandered them as suspected criminals or "enemies of the state."

GESTAPO USA: FED-POLICE FUSION CENTER VIGILANTE NETWORK PERSECUTES CITIZEN TARGETS

http://viclivingston.blogspot.com/2012/01/thugocracy-u.html

Federal "threat fusion center" agencies and commands and their state and local law enforcement and corporate partners are conducting an ideology- and hate-driven slow-kill domestic genocide under the false flags of the wars on terror and crime — enabled by the naivety of those who believe "it can't happen here."

President Obama: Wake up. You and other top officials also may be in the cross-hairs — and this stealth technology, when applied using Pavlovian methodology, can even be used to covertly influence behavior and decision-making — maybe even your own. "These are crimes against humanity and the Constitution, being perpetrated under the cover of national security and 'safe streets' by multiple

federal and local agencies and commands — an American genocide hiding in plain sight, enabled by the naivete of those who think 'it can't happen here." — Victor Livingston, former reporter for WTXF-TV Philadelphia, Phila. Bulletin, N.Y. Daily News, St. Petersburg Times; producer/host, MSG Network Sports Business Report; columnist, NowPublic.com/scrivener.

FOOTNOTE: TARGETING SYSTEMS

This cell tower- based radio frequency electromagnetic weapon system apparently can utilize various advanced technologies to target human beings. According to information obtained from unclassified patents, defense industry trade journals, as well as an analysis of victim accounts, it appears that the system incorporates sophisticated "synthetic aperture radar" (SAR) video and audio surveillance capabilities via a constant radar-like sweep — what has been colloquially referred to as "through the wall surveillance." This surveillance and targeting mode requires no

traditional cameras or microphones. Some literature also references a three-dimensional, invisible infrared laser targeting sensor array that can be secreted in or near a target's home or place of business. The advanced targeting capabilities of the system makes possible precision-triangulated electromagnetic frequency attacks, prolonged or sudden and momentary, to specific body parts — internal or external. It appears that the system is capable of remote, no-touch "radio surgery" or torturous mutilation of human targets; think of a radio frequency "cyberknife" that can be remotely inflicted upon unknowing human targets.

The literature states that targeting systems can triangulate on vehicles or any moving target, facilitating precision attacks even if the target is traveling at extremely high rates of speed.

http://www.defensereview.com/lucid-dimensions-spherical-detection-systems-sds-3d-passive-infrared-ir-spherical-sensor-array-detects-and-tracks-high-speed-ballistic-threats-aircraft-vehicles-you-name-it/

The electromagnetic radio frequency attack system is capable of acquiring targeting coordinates from the intended victim's cell phone or GPS unit. In that case, the targeting is believed to be less precise, but still capable of generating disorienting and painful attacks, such as prolonged and unremitting headache and induced weakness and fatigue.

Some victims of this stealth technology now use their cell phones and GPS units only when absolutely necessary, and remove the cell phone's battery to prevent the broadcast of their location coordinates. (Just turning off the unit does not suffice, since a cell phone's power can be turned on by remote control.)

It is believed that the government has equipped certain personnel — either its own agents, or, some victims believe, local law enforcement or civilian vigilantes — with portable laser-equipped devices that can "paint the target" from a distance. It is possible that some sworn officers may be under the impression that this technology is used merely for "through the wall surveillance," not to attack citizens they are sworn to protect.

The literature also indicates that the electromagnetic weapon system can engage the target by way of tiny RFID tags covertly placed in or on the target's possessions or clothing, or RF microchips implanted inside their bodies (via injection, or surgery). Film-thin RFID tags are ubiquitous in everyday commerce, used for inventory tracking of many consumer products. "GPS-linked" video surveillance systems, in public areas or inside commercial establishments, also could be used to transmit targeting coordinates to government command centers. High-powered military satellites are believed to be capable of detecting ground-based tracking devices from low Earth orbit. The article linked below, from the web site of the conservative Heritage Foundation, describes a directed energy weapon system that sounds much like the cell tower- based system described here. The article discusses an electromagnetic wave/laser weapon system capable of both tracking and engaging a speeding target at the speed of light.

http://www.heritage.org/Research/BallisticMissileDefense/bg1783.cfm

The Heritage Foundation article describes directed energy weapon systems as "under development," despite the fact that the cell tower- based system is fully operational. Also, sentences referencing the effectiveness of directed energy systems against "human targets" such as "terrorists" apparently have been expunged in recent weeks — after this author quoted the article in the "comments" section of this web site.

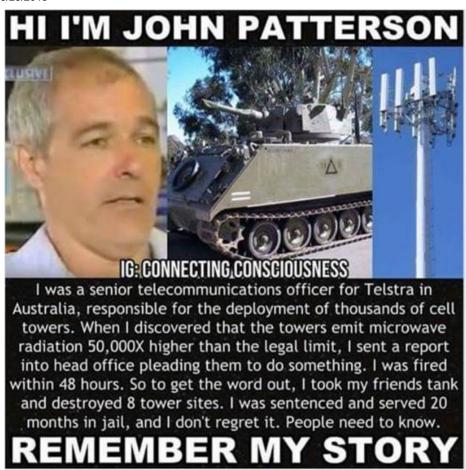
JOURNO TO FBI: TAKE CONTROL OF DHS-RUN FUSION CENTERS TO STOP SILENT RADIO FREQUENCY WEAPON ATTACKS ON U.S. CITIZENS

http://viclivingston.blogspot.com/2012/01/thugocracy-u.html

 $\underline{\text{http://viclivingston.blogspot.com/2012/06/us-govt-runs-grassroots-gang-stalking.html}}$

OR (if links are corrupted / disabled): VicLivingston.blogspot.com (see links in right-hand column)

 $\underline{https://mindcontrolinsweden.wordpress.com/2016/02/29/u-s-silently-tortures-americans-with-cell-tower-electromagnetic-neuroweapon/$



See attached letter about fake science.

NuclearPlanet.com Science About the True Nature of Earth and Universe



"The purpose of science is to discover the true nature of Earth and Universe and to share that knowledge with people everywhere. That's what I do."

-- J. Marvin Herndon, Ph.D.

Humans tend to be creatures of habit, plodding along through time, eagerly looking toward the future, but rarely looking with question at circumstances from the past which have set them on their present course. Much of astrophysics and geophysics has been built upon flawed ideas that are 40 or more years old. J. Marvin Herndon, pictured at left, has discovered and corrected past flaws. The consequence is a whole different way of understanding Earth and Universe that is securely anchored to the properties of matter. Sharing that understanding is what this website is all about.

J. Marvin Herndon's Scientific Discoveries and Insights with Descriptions, References, and Download Links (click here)

Current Biography profile of J. Marvin Herndon (click here)

Guest Editorial: Some Reflections on Science and Discovery (Click Here) en español

Scientific and Medical Humanitarian Publications: (click here)

Email link: J. Marvin Herndon C.V. (click here) Brief Biography: (click here)

Scientific Articles Related to Ongoing Coal-Fly-Ash Toxic Chemical Geoengineering

Scientific Paper by J. Marvin Herndon, PhD, Dale D. Williams, MS, and Mark Whiteside, MD, MPH: <u>Previously Unrecognized Primary Factors in the Demise of Endangered Torrey Pines: A Microcosm of Global Forest Die-offs (click here)</u>; Journal of Geography, Environment and Earth Science International, 2018, 16(4), 1-14.

Review Article by J. Marvin Herndon, PhD, Mark Whiteside, MD, MPH, and Ian Baldwin, MA: Fifty Years after "How to Wreck the Environment": Anthropogenic Extinction of Life on Earth (click here); Spanish; Italian; Journal of Geography, Environment and Earth Science International, 2018, 16(3), 1-15.

Medical Paper by Mark Whiteside, MD, MPH and J. Marvin Herndon, PhD: <u>Aerosolized Coal Fly Ash: Risk Factor for COPD and Respiratory</u> Disease (click here); Spanish; Journal of Advances in Medicine and Medical Research, 2018, 26(7), 1-13.

Scientific Paper by J. Marvin Herndon, PhD, Raymond D. Hoisington, and Mark Whiteside, MD, MPH: <u>Deadly Ultraviolet UV-C and UV-B Penetration to Earth's Surface (click here)</u>; <u>French</u>; <u>Spanish</u>; Journal of Geography, Environment and Earth Science International, 2018, 14(2), 1-11.

Medical Paper by Mark Whiteside, MD, MPH and J. Marvin Herndon, PhD: <u>Aerosolized Coal Fly ash: Risk Factor for Neurodegenerative Disease</u> (<u>click here</u>); <u>Spanish</u>; Journal of Advances in Medicine and Medical Research, 2018, 25(10), 1-11.

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Scientific Paper by J. Marvin Herndon, PhD: <u>An Indication of Intentional Efforts to Cause Global Warming and Glacier Melting (click here); Spanish</u>; <u>French</u> Journal of Geography, Environment and Earth Science International, 2017, 9(1), 1-11. Press Release: <u>English</u>; <u>Spanish</u>; <u>French</u>

New Scientific Paper by J. Marvin Herndon, PhD and Mark Whiteside, MD, MPH: <u>Further Evidence of Coal Fly Ash Utilization in Tropospheric Geoengineering: Implications on Human and Environmental Health (click Here)</u> Journal of Geography, Environment and Earth Science International, 2017, 9(1), 1-8.

Scientific Paper by J. Marvin Herndon, PhD: <u>Adverse Agricultural Consequences of Weather Modification (click here)</u> AGRIVITA Journal of Agricultural Science 2016, 38, 213-221.

Scientific Paper by J. Marvin Herndon, PhD: <u>Obtaining Evidence of Coal Fly Ash Content in Weather Modification (Geoengineering) through Analysis of Post-Aerosol-Spraying Rainwater and Solid Substances (click here)</u> Indian Journal of Scientific Research and Technology, 2016, 4, 30-36.

Scientific Paper by J. Marvin Herndon, PhD: <u>Aluminum Poisoning of Humanity and Earth's Biota by Clandestine Geoengineering Activity (click here)</u> Current Science, 2015, 108, 2173-2177. Press Release: <u>English</u>

Return Home (click here)

Geoengineering Health Effects

Solar radiation management(SRM) projects (proposed and theoretical) are a type of climate engineering which seek to reflect sunlight and thus reduce global warming

Less Sun, Nanoparticules (aluminum, barium, and strontium) inhaled and eaten, water, plants, skin

inflammation, scarring and destruction of lung tissue:

- bacterial pneumonia
- industrial lung diseases such as silicosis and asbestosis

Cancer 1 in 2:

·Lung, organ, blood, skin, etc..

Brain Damage:

Alzheimer's, Autism

Autoimmune Disease

Allergies

