



## **Gauss, Aether and Martian Technology - A New Way of Thinking**

*By Dr Henry Fitzroy Lancing*

I have in my life been blessed with working with some of the notable minds in the scientific world. Georgina Pickett, Charles Babbage, Professor Chou Feng, Dr von Shieskerl, and the enigmatic Ethan Herald, are but a few of the eminent minds that I have been honoured to call colleagues. These men and women of science have forwarded terrestrial understanding of the new alien technologies more than any others and their achievements have surpassed our wildest dreams in their particular fields of study.

It is of great importance to me that the world at least understands the basics and differences between these similar but intrinsically different technologies. If the world is to be one where alien weapons and devices are used in everyday life, then it is imperative that the general public be made aware of how the different technologies work and what they can achieve in the correct hands.

It is also important to explain the dangers that come with using a science that originates from the depths of space. This technology, not designed by humanity is an anomaly in our culture and only exists because the aliens brought it here. This, however, is not a medium for me to air my own personal views on this science but rather to explain in simple terms the disparate categories of innovation that we now have on the planet.

We will take them one at a time and go through the specific characteristics of each type and their strengths and weaknesses. We will describe the aesthetics and style of the tech and what you can expect from it. We shall also look at some of the applications that exist in the world and also some of the more esoteric inventions that exist via private patent.

The world has changed with the introduction of these new ideas and disciplines of science and it seems that they are here to stay. Whether this is a good thing or bad is immaterial while the threat of Martian aggression is still looming. The technology is necessary to secure our survival but what price we will pay for this rapid advancement is yet to emerge. Nevertheless, I hope that this brief discourse is helpful and informative and provides you with answers to any questions you may have as to how the three technologies work and how to distinguish between them.

## **Gauss**

### *A Science of mixed origins*

After the end of the first war, the inevitable aftermath of resource collecting that came as the new nations rose from the ashes caused much competition and international tension. The first of the new sciences to be mastered was the most simplistic of the three. It used elements of earthbound technology and science to act as a base for the Martian elements and technology. The fusing of the two made for a stable, and often, quirky

looking style that became known as Gauss technology. The forerunners of this tech were the Commonwealth of Britannia and they pioneered many of the patents and machinery that is still used today in both civil and military applications.

The Commonwealth unlocked the secret of what they called “Gauss” energy very early after the first war. Gauss energy uses a form of electrical power generated by small generators, powered by batteries created from Martian materials. The electrical or “Gauss” power that is generated is a low energy charge that can be used as a weapon or to power many mundane and civil applications.

Weapons tend to be on the lower range of power in relation to both Aether and Martian versions. This does not however, rule them out as a viable choice for soldiering. The Commonwealth equip the majority of their marines with standard issue Guardian-class Gauss side arms and the large bore Defender-class rifle is a common sight in the hands of Britannic soldiers worldwide. These weapons are distinctly identified by their rough and more terrestrial design, being made in some part with earth components and resources. Weapons tend to be bolt action and single shot variants, the batteries and generators not being able to sustain rapid fire.

Devices and instruments powered by Gauss tend to be simple in their design and able to mimic the base range of effects and enhancements available to us now since this field of science advanced.

Although of a lower power threshold, Gauss technology offers two very distinctive benefits to humanity. The first of these being is ease of use. The tech itself is not in any way complicated to use and only the most basic of training is needed to operate even the most complicated of the Gauss applications.

Secondly, the cost and effective resource levels needed to create and maintain these devices is very low and as such perfect for nations such as the Commonwealth and The Australian Protectorate, who have limited manpower and lack the ability to harvest the world's red zones as some of the more heavily populated and better situated nations are.

Quite simply put, Gauss technology is the first definition of a new technology created by humanity in answer to the Martian threat. It is never going to be powerful enough to create a Martian Heat ray or raise a city into the clouds, but it is efficient and cheap and therefore perfect for mass production and easy to understand and utilise without extensive training.

## **Aether**

### *A Crystalline Energy Source*

After the first war, the crystalline matrices that began to grow on the edge of red zones and other sites of Martian activity became of particular interest to humanity. After the phenomenon of the Resonant appeared after the Great War, it was discovered that these new humans emitted a wave of energy that “resonated” at the same frequency as

these mysterious crystals. This new discovery led to the emergence of a more advanced form of alien technology, coined “Aether tech”, initially by the scientists of the Prussian Hegemony. This nation pushed the barriers of Gauss technology and began replacing the more mundane elements of the design of these blueprints by adding more crystal and red steel to the design. The results were astonishing and a new science was born.

The emergence of this new innovation was a major breakthrough in the understanding of both the technology and the Martians themselves. It became clear that the energy harnessed by these materials was being manipulated by the Martians to allow them instantaneous travel between two locations.

My own studies into this phenomenon have led me to believe that this energy is drawn from some other dimension. Aetherspace, as I have named it, is a whole different dimension with its own rules and constants. We have only just begun to plum its mysteries and it remains in the most part, inaccessible to us. Only via the use of the recently retro-engineered technology of Aether gates and beacons that TRIAC have recovered from the invaders, have we the slightest indication of what is possible with this technology.

The gates allow TRIAC to travel to locations, vast distances from their location, providing the Club with the ability to prosecute their secret war against the Martians with much more versatility. By travelling through a gate and entering coordinates

in a focus beacon that is carried with the travellers, the destination point can be practically any part of the planet. To return, the beacon is once again activated and an Aetherspace portal is created that brings the brave aethernauts back to safety through the TRIAC gate.

What other applications of this technology are possible are as yet undiscovered, but the suggestion that we have only scratched the surface is an exciting prospect for researchers worldwide.

Aether tech allows for the creation of much more powerful weapons and instruments. Firearms created with this science are more streamlined and the design moves further away from the more terrestrial Gauss weaponry and more into the realms of Martian design. The increased amount of red steel and aether crystals in their construction allows for a more versatile and powerful array of effects available. Weaponry now has the capacity to carry more ammunition and the design allowed for the first multiple-shot firearms, taking our soldiers into a new bracket of efficiency and making Earth's forces a more viable defence against the aliens. The newer and more efficient power sources allowed the creation of aether ships and larger earthbound engines of destruction. The first Ray style devices started to emerge and the infamous Aether Ray was patented and engineered by the Prussian Hegemony. These weapons are still bulky and inefficient but research continues into their miniaturisation still by most nations of the world.

## **Martian Technology**

### *The Nadir of our Endeavours*

The term “Martian tech” is a title given to any form of scientific research or engineering that deals with the direct retro engineering of captured and scavenged Martian technology. Early after the fall of the Martians at Waterloo, the new nations began to search through the detritus that was left behind when the aliens expired. The biological elements of the tech and the Martians themselves desiccated in a matter of hours and turned to an oily dust, useless and ignored. The physical machines and tech however, became of particular interest to the new powers and the items became the focus of political and military dispute for a number of years.

Of all of the nations that developed direct Martian engineering, the Federated American Union was at the forefront of the research. The nation was separated from the rest of the world by the Atlantic and Pacific oceans and as such had little competition for the gathering of Martian resources. With the vast amount of raw materials they were able to gather the FAU moved forward with Martian retro engineering faster than any other nation. They developed the first terrestrial Martian heat ray design and their work in this field continues today; their goal, the first man portable heat rays.

The finest and most impressive application of Martian tech to date must be the floating city of New Richmond. Raised on Engines designed from the tech used in the alien transport tubes that first

brought them to earth, it is truly a new wonder of the world. With the world watching to see which new invention or weapon will appear from the Americas, it is certain that the FAU remains at the forefront of Martian design.

On the other side of the world there is another bastion of Martian research and development. The Russian Collective is purported to be another nation that have delved into the more advanced alien tech.

It is assumed that the vastness of the Russian wastelands has provided the nation with the same resource gathering opportunity as the FAU. This can only be assumed however as the nation is closed off to most sources of intelligence. What has been observed is the specific design of Martian tech that has been adopted by the Russians. This so called, Tesla technology is a form of engineering that utilises Martian science to manipulate electricity and turn it into a focused weapon. These Tesla weapons are devastating when used against mechanical devices and do awful damage to human flesh. This fusing of terrestrial ideas and Martian science has given the Collective its own deadly and unique form of offensive and defensive technology.

Martian Technology is by definition more alien in its aesthetics and utilises Red Steel to create the majority of its main construction. It tends to be more streamlined with much less details and seems almost simplistic in its construction. The iconic “rays” that are constructed are some of the most deadly weapons known to man. The race for

miniaturisation is at the forefront of Martian design and research.

### **In Conclusion**

The new advances in technology have brought new possibilities to the Human race. My particular concerns regarding the advancement of technology at an exponential rate are widely documented. Nevertheless, it remains necessary to continue the march of science and ensure the human races ultimate survival with victory over the Martians. I just hope that we can advance with a steady head and calm demeanour because I fear if we don't we may exchange an alien enemy with one much more terrestrial in its nature.