Space mining/colonization
by Bruce Gagnon
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The Global Network has long been saying that the nuclear industry views space as a new market. They've long envisioned nuclear-powered mining colonies on the Moon, Mars and destinations beyond. The recent announcement by NASA of a new nuclear reactor power system that could enable long-duration space colonies only confirms our worst fears. Accidents at, or soon after, launch with nuclear payloads would endanger our fragile Earth environment. But even more troubling is the history of Department of Energy laboratory accidents as they fabricate these nuclear generators for space missions. Worker contamination and release of radioactive contamination into the air and local water supplies has long been a problem revealing that space nuclear-power is killing people even before a launch might occur.

In Jack Manno’s book called *Arming the Heavens: The Hidden Military Agenda for Space 1945-1995* he tells the story of Major General Walter Dornberger, Hitler’s military liaison who worked with Werner Von Braun to build the V-1 and V-2 rockets for the Nazi war effort that were used to terrorize London and other European cities near the end of WW II. Like Von Braun, Dornberger came to the US at the end of WW II as part of the secret program called Operation Paperclip. Dornberger became a top executive in Bell Aviation Corporation in New York. Speaking before a congressional hearing in Washington in 1958, Dornberger insisted that America’s top space priority out to be to “conquer, occupy, keep, and utilize space between the Earth and the moon.” In an address to a National Missile Industry Conference, he dismissed NASA’s early space-flight program as “space stunts” and urged that more attention be given to space weaponry. “Gentlemen,” he told the missile men, “I didn’t come to this country to lose the Third World War – I lost two.”

In a Congressional study published in 1989, entitled *Military Space Forces: The Next 50 years*, the author explains the value of having the US control the ‘Earth-Moon gravity well’. He writes, “Nature reserves decisive advantage for L4 and L5, two allegedly stable libration points (on either side of the moon) that theoretically could dominate Earth and moon, because they look down both gravity wells. No other location is equally commanding. Armed forces might lie in wait at that location to hijack rival shipments on return [to Earth].”

He continues, “Military space forces at the bottom of Earth’s so-called gravity well are poorly positioned to accomplish offensive/defense/deterrent missions, because great energy is needed to overcome gravity during launch. Forces at the top, on a space counterpart of ‘high ground,’ could initiate action and detect, identify, track, intercept, or otherwise respond more rapidly to attacks. Put simply, it takes less energy to drop objects down a well then to cast them out.”

It seems rather obvious to me that the Pentagon’s space weapons technology program has two distinct goals. One is to control Earth on behalf of corporate interests and the other is to
develop the necessary technologies to control the pathway – or front gate – on and off of our planet.

Trump’s declared support for the creation of a separate branch of the military - the Space Force - is an indication that the aerospace industry has taken firm control of his administration. The industry stands to make massive profit if such a separate ‘space warrior force’ can be created which would necessitate huge infusions of money into a program that the industry has long maintained would be the largest industrial project in human history - Star Wars. (I like to refer to it as ‘Pyramids to the Heavens’.) The Air Force is opposed to the idea - they want to control the seamless web between the Earth and deep space. The bill to create the Space Force has passed in the US House of Representatives but did not get approval in the Senate. This bill will likely come back again for another try.

As technology begins to enable resource extraction on planetary bodies the legal question of ‘who can mine the sky and who can’t’ will become a greater source of conflict between nations. Pentagon documents have long maintained that an important role for US military space forces would be to control who is allowed to leave the earth to mine the sky and return with the enormous profits imagined from such an undertaking. This would ensure that war in the heavens would no longer be a theoretical consideration - it would become a reality as the US enforced its mission of 'Master of Space' on behalf of selected corporate interests.

The use of nuclear power for military space operations - to power weapons in space - has long been on the Pentagon's drawing board. The mix of nuclear power and space warfare is a deadly connection that must be avoided at all cost. We must continue to build international opposition to these frightening plans.

In 2015 Obama signed the U.S. Commercial Space Launch Competitiveness Act into law. This law recognizes the right of U.S. citizens to own asteroid resources they obtain and encourages the commercial exploration and utilization of resources from asteroids.

“This is the single greatest recognition of property rights in history,” said Eric Anderson, Co-Chairman, Planetary Resources, Inc. “This legislation establishes the same supportive framework that created the great economies of history and will encourage the sustained development of space.”

Peter Diamandis, the other Co-Chairman of Planetary Resources, Inc., said, “A hundred years from now, humanity will look at this period in time as the point in which we were able to establish a permanent foothold in space. In history, there has never been a more rapid rate of progress than right now.”

During the late 1990’s a group called United Societies in Space along with the World Bar Association published a series of publications called ‘Space Governance’. Their goal was to rewrite international space law as the UN’s Outer Space and Moon treaties had declared that
the planetary bodies are the province of all humankind. The UN said there could be no private claims made on any solar system body. The UN correctly was trying to preempt the eventual global conflict that would arise if private property claims were to be allowed in space.

Declan O’Donnell, one of the leaders of the group at the time wrote, “We are the Fifth Force in nature. Our society turned loose in the universe, armed with energy, cut free from the bounds of gravity, driven by a consensus destiny, and now organized under the idea of self-governance, will represent a new natural force. Our abilities can be focused under this protective umbrella. Our mansions can be built with a new source of financing. Joining arms with our national efforts and priming the pump for private enterprise. Metanation, the new space governance vessel under construction by USIS, Inc., intends to bring synergy to space.”

Also in this book was a piece written by Marshall Savage (author of *Millennial Project: Colonizing the Galaxy in 8 Easy Steps*). He stated, “The proper place for atomic power can be seen if we look at it through the focal plane of lunar development. On the Moon, the distinction between ecology and wasteland will be starkly defined…. we really can’t mess up the Moon, either by mining it or building nuclear power plants. We can ruthless-ly strip mine the surface of the Moon for centuries and it will be hard to tell we’ve even been there. The same is true of atomic power. We could wage unlimited nuclear warfare on the surface of the Moon and be hard pressed after the dust had settled to tell anything had happened. There is no reason why we cannot build nuclear power plants on the Moon’s surface with impunity.”

In his 1996 book *Mining the Sky: Untold Riches from the Asteroids, Comets and Planets*, former NASA official John Lewis says, “Indeed, the global expansion of European technology and civilization brought about by the terrestrial age of exploration is but a pale foreshadowing of the opportunities before us as humans move out into space.”

The US Space Command, in their well-known 1997 document *Vision for 2020*, made clear how they saw their role in the future as space colonization became possible due to taxpayer funded space technology research and development.

“Historically, military forces have evolved to protect national interests and investments – both military and economic. During the rise of sea commerce, nations build navies to protect and enhance their commercial interests…. likewise, space forces will emerge to protect military and commercial national interests and investment in the space medium due to their increasing importance.”

This was essentially a declaration of war. It was a declaration of intent to fulfill the dream of Walter Dornberger who wanted more than ‘space stunts’ from the new US national space program that he helped bring into existence. Remember his words: America’s top space priority out to be to “conquer, occupy, keep, and utilize space between the Earth and the moon.” The freight train is right on schedule.
The Global Network was created 26 years ago to sound the alarm – to wake up the sleeping masses who are thrilled by images of Elon Musk sending ‘hot rods’ into space. Our goal has always been to steadily build an international constituency who understand the plans for space control and domination and can then help us build a new consciousness on Earth about what kind of seed we should carry with us as we inevitably journey into space.

Will we carry the bad seed of greed, private property, control and domination, and ultimately war into the heavens? Or shall we carry the good seed of inquiry, cooperation, imagination and peace as rockets lift off from our tiny space satellite Earth? Who remembers the ‘Prime Directive’ from the Star Trek TV series – ‘Do no harm’?

This is why we meet here in Oxford this weekend. We wish to continue to raise these fundamental questions and move together around our planet to ensure that we Keep Space for Peace.

Thank you.

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