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Preparing for a magnetic pole-shift

Professor Sergey Pulinets, researching earthquake precursors at the Institute of Applied Geophysics and the Moscow Center for Ionosphere Monitoring was interviewed by BueSo organizer Daniel Grasenack-Tente at the 2011 April European Geosciences Conference this past week. Pulinets discusses the necessity of a multi-parameter approach to earthquake forecasting—from crust-related precursors, to the atmosphere, and the ionosphere.

Professor Sergey Pulinets: Interview April 12th 2011 is available on the CEC website.

Lyndon LaRouche: On Professor Sergey Pulinets Interview.

LaRouche: What he did is he went through an elaboration, of the way in which a charge provided by the sun and some other things, is building up a potential for an earthquake, but it's not a potential for an earthquake it's a potential on the planet. The planet is being built up, and then you have this power, this charge, which is stored in the planet over a period of time. So the amount of the charge is great, it comes in the order of magnitudes of what we're looking as the forces in these earthquakes, by these earthquakes.

What happens then you have a trigger mechanism, and the trigger mechanism is what actually sets off the earthquake. So it's like a stick of dynamite and you have a charge, or you can have some other more complicated types of explosives in which you have a main charge which is there–that's the earth. The earth itself is a charge. The earth itself is an explosive charge. Now you go through a couple of phases, of an intermediate phase of charging, and then you get a detonator, something like the nuclear bomb was, the hydrogen bomb was in the experiments–that you have a charging system to set off the explosion. You have a trigger which sets off the charging system. Then you have an accumulated charge which is there already, which is ready to be blown–ready to be triggered and blown.

So which means that we are much closer in orders of magnitude of the forces within our reach, then would be suggested by the earlier reports of how this mechanism works. And instead of having this pessimistic view–I don't want to think about that, I don't want to think about this–if you can't think about it you are not going to win the war. You can't avoid the question, you can't avoid the implication, we're looking at the potential extinction of the human species. Within a short period of time–that's what we're looking at.

Now how do you take *that*? Think of that as an existential question! What's the effect on *you* on thinking about *that?* If you cannot control on what you think about *that* aren't you going to be kind of impotent? Being unable to do anything useful? So therefore we have to *think* about rapidly making up for about 40 years of failure, in order to build up the potential which is needed to enable mankind to do something about all of this stuff.

The following is Ed Hammler's report on LPACTV April 13th 2011 on the implications as we head toward the north side of the galactic plane, where we will be much more exposed to extra-galactic radiation. What might happen were we, in this vulnerable moment, to lose our protective magnetic field, as well?

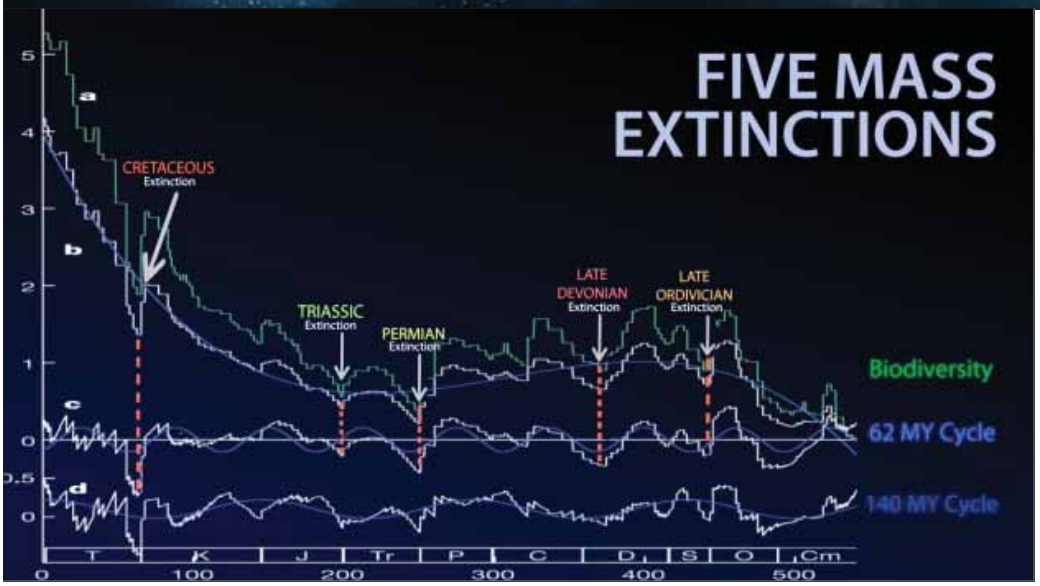
Hammler: We are now in a war–a race against time, to make sure that the human species survives the coming period. What you just heard from Lyndon LaRouche were the remarks he gave following the interview with Sergey Pulinets that is posted on the CEC website.

The implications of Pulinets' exposition and everything else that's posed by the recent attention to earthquake precursors and other cosmic and solar correlations with earthquakes tells us that we need to do more than just send more satellites into outer-space, although that's a very necessary part of the process. We need to get more of mankind back into outer-space, because as it stands the human species could face what many species before us did at times past–extinction.

You should remember that in past times mankind was known as peoples of the sea. A seafaring culture living on the seas using principles imbedded as it was known then as sphaerics, to find our way through a seemingly nebulous ocean with patches of land scattered in-between. With the advent of mans space flight and later the man moon landing man's new role as people of the cosmos was solidified, and it's about time that we begin living up to that title.

Above: LPACTV presenter Ed Hammler; Right: Ancient boat, of the Peoples of the Sea.

All the signs are that mankind is approaching a period, where we will be exposed to more and more solar and cosmic radiation, the same cosmic and solar radiation that we are usually protected from by the magnetic field that surrounds the earth. In trying to understand the recent earthquakes that have pummeled nations like Japan and to try and prevent future ones, we've noticed that the increased seismic and tec-



Top left: representation of the Milky Way galaxy. Top right: the plane of the Milky Way galaxy, and our solar system's position towards its edge. Left: the five mass extinctions of earth's history occurred on a 62 million year cycle, coincident with the "bob" of the solar system above the plane of the Milky Way galaxy.

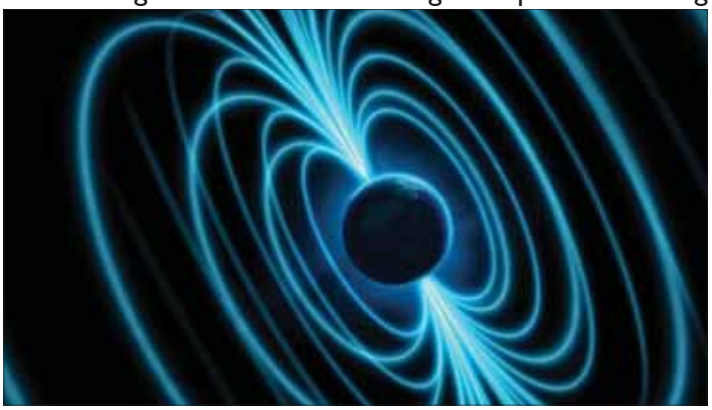
tonic activity coincides with the solar cycle of increasing and decreasing intensity, and also longer term cycles, like where our planet moves through the spiral arm of our galaxy every approximately 140 million years. It also bobs up and down every approximately 62 million years, and that happens to coincide with mass extinctions of whole species.

Now guess where we are in that 62 million year cycle– ascending out of that plane, which means that we will be exposed to all types of radiation that we are usually hidden from, as a result of being buried in our galaxy. But there is more to this picture!

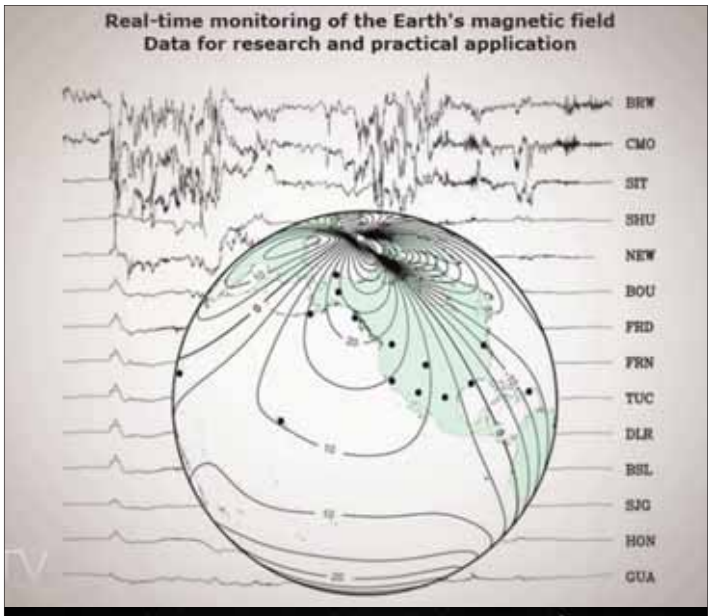
Just in case you are thinking to yourself–but wait that's why we have the magnetic field to protect us even if we were ascending out of the galactic plane. Here's one more thing to consider. Our magnetic pole is moving faster than it ever has and our magnetic field is weakening. Now no-one knows the causes of this, but we do know that both the pole moving and the weakening of the magnetic field has happened before on earth, and it's even hypothesised that that's what may have even occurred on Mars. Various studies and experiments have discussed that these changes have occurred in times past, due to our magnetic poles reversing. Here's one of the interesting experiments.

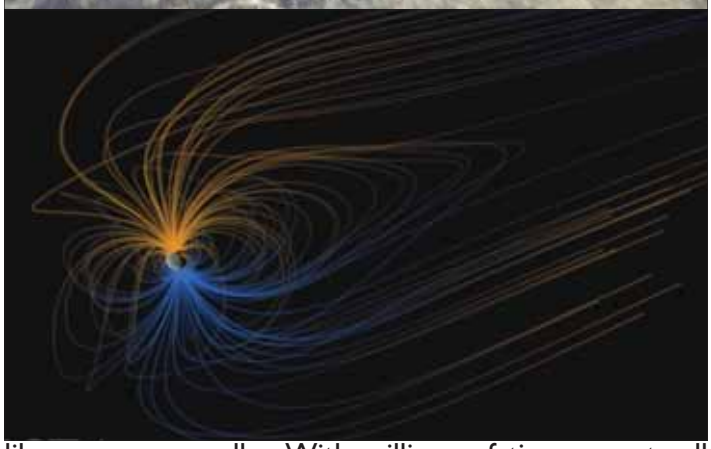
Experiments with ancient to modern pottery have shown some of the implications of this process. Just like volcanic rock, clay contains tiny pieces of iron based mineral called magnetite. At a microscopic level magnetite contains distinct magnetic regions just like tiny little magnets. But in raw clay these microscopic magnets all point in different directions until the clay is then heated and then cooled.

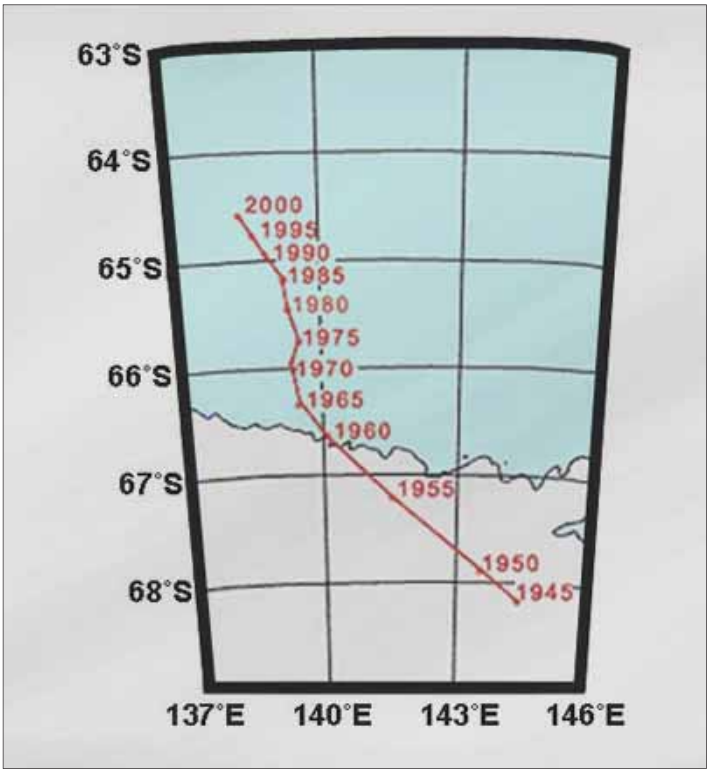
As the pot begins to cool new magnetic regions begin to form in the magnetite and as the regions reform they align with the earth's magnetic field just



Variations in the strength of Earth's magnetic field (above) leave a record in tiny pieces of magnetite, contained in ancient pottery (right).







Top left: Real-time monitoring of Earth's magnetic field. Top: Magnetic South Pole Movement 1945-2000. Left: The green aura above the earth is the magnetic field, interacting with the electrical charges of cosmic rays. Below left: The magnetic poles represented in different colours, displaying the magnetic field's distinctive asymmetry.

like compass needles. With millions of tiny magnets all pointing in the same general direction the pot itself becomes slightly magnetic. Once it's cooled the magnetism is locked in the pottery. When a pot cools it does so in the earth's magnetic field, relative to the time in which it exists and it becomes magnetized in that specific representation of the field.

If the field is strong then the pot is going to be strongly magnetized, and if the field is very weak then the pot is likely to be very weakly magnetized. From this experiment we can measure subtle changes going on, and as we come forward in time over 12 thousand years there is a slight rise and then a rapid fall as we come towards the present day. The rate of change as been higher over the last 300 years then it's been for anytime in the past 5,000. It's going from a strong field down to a weak field and it is doing it very, very quickly.

And here is another experiment, let's take volcanoes. When lava from volcanoes cools as with pottery, there are magnetic regions that form within it. Like the pottery it records how strong the magnetic field is, but unlike the pottery the lava can detect in what direction the field is pointing. Today the earth's magnetic field runs from south to north, but 50 years ago when scientists measured the magnetism trapped in older lava samples they discovered that the microscopic magnets in the lava were all pointing south. Now we know that the pole reversal can take anywhere from one to ten thousand of years to complete, and the last one occurred approximately 780,000 thousand years ago. They occur approximately every one hundred thousand to one

Magnetic regions of cooling volcanic lava record the strength and direction of Earth's magnetic field.

The world needs America's president to lead humanity's mission. Instead, Obama is destroying Kennedy's legacy–it's time of him to go.

million years, so we may be due for a pole reversal in the relatively near term.

Now there are many more experiments to this effect, but what we may have may is the case that we could be going into a period where our magnetic pole is reversing, which has be shown to coincide with the weakening of the magnetic field. Now when you add to this the cosmic cycles that we have already discussed on LPAC, and the implications of the interview that we had with Sergey Pulinets, you realize that our species is definitely in peril.

Now unfortunately we really don't have a president , if we did he would use this perilous situation and turn it into an opportunity to do the most good, in seemingly the most adverse circumstances, similar to what Kennedy did with the space program, or what FDR did with WWII. But we don't have a president, but we do have the next best thing, Lyndon LaRouche, a guy who is actively playing the role as president. He has prescribed a wartime mobilisation not only to figure out how to prepare for earthquakes through setting up an advance system of satellites or sense apparatuses, but to conquer the so-called unknown. Those cosmic phenomena that are at the heart of what's causing things here on earth.

So we are indeed in a race against time and if we what to survive it is imperative that we get Obama out now as the chief impediment to this process. But that's our terrestrial imperative we also have an extra-terrestrial imperative which lies in us taking our rightful place, our birthright, in navigating and mastering the cosmos just as we did in ancient times in navigating and mastering the seas. We must realize that we were put here to be masters of this universe and upon reflection of this day when man took his first flight into space 50 years ago, I think that that mission requires the proper wartime mobilisation now.

Russian stamp commemorating this year's 50th anniversary of Yuri Alekseyevich Gagarin, the first man in space.