

Re: Space travel not war

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- *From:* Willie.Mookie@xxxxxxxx
 - *Date:* Wed, 26 Mar 2008 10:01:26 -0700 (PDT)
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On Mar 25, 1:21 pm, BradGuth <bradg...@xxxxxxxx> wrote:

On Mar 25, 5:12 am, Quadibloc <jsav...@xxxxxxxx> wrote:

On Mar 24, 3:35 am, Willie.Moo...@xxxxxxxx wrote:

Not well understood is that the banking and trading systems set up as extensions to the Marshall Plan were designed to enforce a trading regime that was permanently favorable to the United States. It has been known since the beginning that this advantage would be temporary. George Kennan and others who authored these plans to maintain peace in the nuclear age that they would one day fail. So, alternatives would have to be developed. These alternatives include 'direct military action to maintain US superiority' or 'alternatives to the present control regime'.

Unfortunately the United States cannot maintain a disparity of income through trade if it is at war with those it is trading with – so this direct military action angle wasn't well thought out. Also unfortunate, is there appears that no alternative to the present control regime has been seriously considered or pursued.

Re: Space travel not war

The obvious thing for the U.S. to do is to admit that wide-open international trade leaves American jobs vulnerable to cheap imports, and so dump the WTO and go back to the days when countries set their own tariffs, and only let in the imports that they decide they can afford once they total up what sales they can make in exports.

After all, we can't force other countries to buy our goods, and the only other way to limit how much we import would be to contract the economy, throwing people out of work. This is what we're doing now, and that alternative should be the one that's unthinkable.

John Savard

I agree that each nation has to first look after its own before trying to influence and/or benefit via others, by way of foremost setting a good example that others would want to follow without having another gun put to their head, of food taken from their lips, as well as housing, education and medical care made unobtainable by those of us that want to either directly benefit from or having control over every scrap of fossil and nuclear energy, or else it's another war (hot or cold) to be fought.

It seems entirely obvious that we can force global inflation if need be of nearly 100%/year upon others by way of our global energy and banking cartels, as well as by having perpetrated the likes of the cold-war, 911 and of the totally bogus war in Iraq, with Iran as our failsafe plan of action backup-war for continued profit takings at the ongoing trauma and demise of others that we obviously don't give a tinkers damn about.

Obviously you and others of your wussy kind go 100% along with whatever our resident LLPOF warlord(GW Bush) and of his brown-nosed army of clown minions decide is best, and to think that Hitler would not have had it any other way.

Can you specify and/or demonstrate your actions otherwise? (we all know that Willie.Moo can't)

. – Brad Guth– Hide quoted text –

– Show quoted text –

An apple bud cannot grow into an apple if the tree is poisoned. So it is in the interest of all apples to make sure the tree is strong and

Re: Space travel not war

fresh.

Similarly, no nation can grow strong in a world beset by problems all nations suffer from. So, it is in the interest of all nations to resolve common problems and avoid common mode failures.

In the nuclear age, in the space age, the world has a number of common issues that transcend the rights of nations. The first of these is international terror. Closely connected to this is the right for any nation to engage in warfare.

Why?

Because, any person, any group, any nation, with access to nuclear weapons and the means to deliver it anywhere in the world in minutes, is a threat to all. So, it is in the interest of all to eliminate this possibility.

In the past the US had done this by supporting a strong military and intelligence apparatus and using it without remorse or giving any quarter – to maintain global nuclear peace. This has been primarily achieved by denying ability rather than motivation. The free trade structure was exploited to give the USA the dominant economic position and some effort was made to maintain that. How does free trade benefit the USA? Well, we conned our allies into build stuff for us and selling it to us wholesale, and then sold it back to them retail.

With the attack of 9/11 and the rise of the European Union, and the rise of China and India, both control systems are showing signs of their age. Some feel, God forbid – that it is only a matter of time before we are struck with terror nukes, and lose a few cities. We can see China and Europe positioning themselves to take advantage of that eventuality should it present itself – and doing precious little to help the USA get loose nukes under control.

So, its up to us to admit that we've created much of the difficulty we now face, and to come up with solutions that benefit us going forward.

One is to use low cost solar power in conjunction with our coal deposits to become the world's largest energy exporter. Then, transition to a hydrogen economy that allows the US to dominate energy going forward.

The USA burns 6.8 billion barrels of oil each year, and imports 5 billion barrels. The USA burns 1.1 billion tons of coal each year and 300 million tons of natural gas.

By generating hydrogen and oxygen in sufficient quantity each year from water and sunlight, and partially oxidating the 1.1 billion tons of coal with 1.46 billion tons of oxygen – to produce 2.56 billion tons of carbon monoxide – along with the energy normally produced by

Re: Space travel not war

the coal. The carbon monoxide is combined with 325 million tons of hydrogen to produce 2.9 billion tons of methanol, the methanol is dehydrated to produce dimethyl-ether, a replacement for diesel fuel, the DME is dehydrated to produce butane, the butane is polymerized to produce octane, the principal component of premium gasoline.

Other processes can produce other products. Sabatier to produce methane from carbon-dioxide, Bergius from coal and hydrogen to produce syncrude, including diesel fuel and aviation fuel.

In the end, the 1.1 billion tons of coal is converted to 8.8 billion barrels of liquid fuels. This allows the US to export 3.6 billion barrels of oil while leaving its imports and coal mining and oil production unchanged – and eliminating half its carbon footprint. At \$100 per barrel, this generates an export revenue of \$360 billion per year – and eliminates \$500 billion in expenses – a positive impact on our balance of trade of \$850 billion per year.

By adding more solar panels, more hydrogen is generated, and that is exported as well – creating a mixed energy economy involving solar synfuel and hydrogen. This gives the US dominance and allows up to \$4 trillion per year in energy exports, providing a \$4.5 trillion positive impact on our balance of trade.

By adding solar power satellites that beam bandgap matched laser energy to large solar panel arrays, solar panels are converted to power receivers – and output is increased 20x over that of the solar panel alone, with zero increase in cost on the ground. This allows the US to dominate energy going forward, and trigger huge growth in total demand worldwide. Special relationships with banking and finance gives a new lease on life to US economy.

I mentioned earlier that our retail and banking functions are being challenged by new providers overseas that are more closely aligned with manufacturers overseas. This is addressed in the following ways;

First, by constructing a global wireless hotspot with a satellite network, we can gain access to everyone throughout the world. Not only does the service earn \$100 billion or more outright by selling phone, cable, and internet services – but it also is a vehicle for delivery of advanced banking and financial services – and allows implementation of micro-banking and provision of a seamless range of services providing unprecedented economic freedom and mobility for all people – while capturing the lion's share of the world's financial income for the USA – and finding a home for the world's \$40 trillion of the world's liquid capital.

Second, by adding tele-robotic capabilities to this wireless service, the USA can build manufacturing centers that take in raw materials from around the world, and through tele-robotics low cost labor, managed by US workers at the factory, and build products for sale in

Re: Space travel not war

the US and around the world by US based retail systems, and financed through US based financial institutions – this also leveraged on the marketing side off the global wireless hotspot.

This maintains the US in a dominant position going forward even while the world grows faster than the rest of the USA.

One of the major difficulties in the world is that there isn't enough to go around on this Earth. By tapping into off-world resources and extra-terrestrial assets, this picture changes. The energy shortages we take for granted today, disappear as soon as we cost-effectively tap into the Sun, an off-world energy resource. In a similar way, all other shortages disappear by developing off-world material resources. The US has maintain missile and nuclear secrets throughout the cold-war. These technologies are essential to the cost-effective development of low-cost off-world development. After the steps described above are well underway, this final step of off-world development through low-cost industrial access to space (\$10 per ton, 12 billion tons per year and growing, solar system wide access) – far and away bigger, better and more capable than anything even dreamed of (with the exception of Ted Taylor and Freeman Dyson) before now.