

Russian Anti-Missile Defense Proposals

On Feb. 20, Russian Defense Minister Igor Sergeyev handed to NATO Secretary General George Robertson, in a Moscow meeting, the text of a Russian proposal to Europe, for an Eastern and Western European anti-missile defense. European press reports purporting to identify the specifics of the Russian proposal, have so far turned out to be unsubstantiated. However, on the following day, Feb. 21, Minister Sergeyev gave interviews in which he emphasized that Russia has all the necessary technical capacities for creating a European ballistic missile defense system. "Russia has testing areas, research centers, and testing facilities. And if we team up with our European partners, I believe we will manage to do everything that we have proposed and planned." Sergeyev did confirm that Russia has suggested to the European countries, using Russian S-300 mobile missile complexes in the structure of a Euro-

pean ABM system.

Eight years ago, on April 2, 1993, the Russian daily *Izvestia* had published an article suggesting Russian thinking about collaborative anti-ballistic missile (ABM) development among the major nations. The Russian proposal, *Izvestia* reported, was known by the project name "Trust," and involved plasma and electromagnetic-pulse anti-missile weapons (see **Figure 1**, the illustration printed by *Izvestia* at that time). The then-Deputy Chairman of the Russian Federation for Defense Industry, Yuri Glybin, called the "Trust" proposal "an alternative to the SDI." Glybin stressed that the ABM Treaty of 1972 does not at all prohibit "joint work on global defense against missile attack. Twenty years ago, it could not have entered anyone's mind, that such a thing were possible." In other words, the Russian idea for collaborative development of anti-missile defenses (in that case, with the United States under President Bill Clinton), was clearly focussed on the "new physical principles" involved in directed-energy beams, the development of which is explicitly excluded from the 1972 Treaty prohibitions.

tary systems tend to be "hardened" against EMP effects, although most of the targetted nation will be shut down, with lasting effects. The military-retaliatory capability of the targetted power is not eliminated, or reduced to doomsday response-capabilities. Rather, a threshold condition is induced, at which negotiations of peaceful conditions begin, or doomsday may ensue.

Thus, a strategic EMP effect does not necessarily invoke a doomsday counterstrike by the nuclear arsenal. Rather, it challenges the targetted nation to face a doomsday sort of nuclear exchange, or to back away from the conflict and accept mutual damage done, rather than escalate to doomsday.

This is precisely the "scenario" most suited to the present capabilities and state of mind of the military institutions of the U.S. and Russia. It is a scenario which neither power would employ, except in extreme circumstances, but it typifies the most likely response should there arise what it perceives to be, for it, an extreme condition.

On this account, the most likely threat comes from the present Bush administration. It is that threat which must be taken into account, to estimate the actuality of an "EMP effect" event on the strategic horizon.

Apart from the proudly unconcealed intellectual limitations of the new "education" President, as long as the new administration remains in its present form, it is doomed to early self-destruction, and much of the rest of the world with it. Here, in the new administration's acute intellectual incapacities, lies the very real threat of some combination of de-

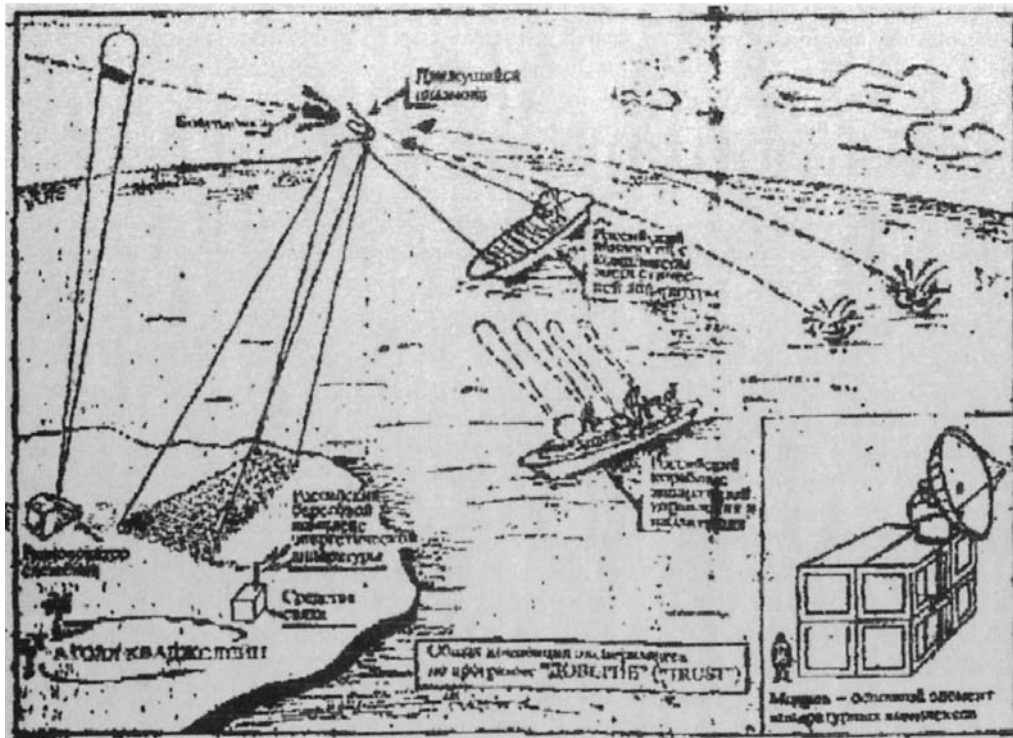
velopments such as deployment of "EMP effect" and outrightly doomsday capabilities.

The principal relevant intellectual and moral defects of the new administration, are three.

First, there is the case of the already referenced intellectual shortfalls of the new head of state, the worst possible choice of figure to put into such a position for a crisis of the severity now onrushing. He is personally incapable of a competent crisis-decision, unless that decision were forced upon him, more or less against his will. Second, there is the principal popular political base of the new administration, typified by pathetic pieces of intellectual and emotional wreckage such as Senator Phil Gramm, and the irrational fanatics dominating the ranks of the "religious" admirers of the new Attorney-General, John Ashcroft. Third, there is the factor typified by the pack of predatory parasites known as the Carlyle Group.¹³ All three, combined, are fairly described

13. *New York Times*, Monday, March 5, 2001, "Elder Bush in Big GOP Cast Toiling for Top Equity Firm." This front-page profile of the Carlyle Group highlights the role of George Bush, Sr., James Baker III, and Frank Carlucci, in building up the Washington, D.C. corporate takeover outfit into the country's largest private equity fund, surpassing Kohlberg Kravis Roberts (KKR). In addition to the ex-President, Secretary of State, and Secretary of Defense, Carlyle also includes Richard Darman, former Indiana Senator and putative Bush nominee for Ambassador to Germany Dan Coats, and such foreign luminaries as John Major, Karl Otto Pöhl, Fidel Ramos, and former South Korean President Park Tae Joon as directors, advisors, or directors of subsidiaries. The \$12 billion firm has ownership stakes in 164 companies worldwide, is the 11th largest defense contractor in America, and owns *Le*

FIGURE 1



This drawing from Izvestia depicted the 1993 Russian proposal, to develop the capability of launch of plasma and electromagnetic-pulse weapons from sea or land. Tracking and guidance technologies are also depicted.

as about as rational as the early Eighteenth-Century dupes known to history as the wild-eyed followers of John Law. These, taken together, should remind us of the driver who, against all forewarnings, insists upon driving across the bridge which is no longer there. For each and all, combined, their loyalty to their own cupidity and lunatic blind faith, is greater than any clearly perceivable contrary reality.

But for the power they wield, they represent a pack of fools fairly described as the Confederacy reborn as farce.

One should not be deluded by the appearance of figures such as Secretary of Defense Donald Rumsfeld and Vice-President Dick Cheney in the array. Admittedly, they were formerly associated with an industrial interest which has now chiefly vanished into America's ruined "rust belt." The question to ask, is: "For whom do they work today?" The controlling financier interest which they represent, today, is the new financier power which has grown up around the neo-Confederacy's Southern Strategy. The mentality of this group, from the Carlyle Group's James Baker III on down, is that of Bush league pro-Confederacy carpetbaggers who have looted both Yankee-land and the former Soviet Union, and see the incumbency of young President Bush as license to loot what remains

of the rest of the assets of both the U.S. and the rest of the world besides.

For all three leading factors in the new administration, anything which is not terribly bad for the U.S. and the world besides, is something to which they are absolutely opposed on principle.

In sum, this administration, as long as it remains in its present form, is on a short fuse toward the explosion of the worst financial and economic debacle in modern history. How would any "good old," devoutly bi-polar Ku Klux Klan type react "When Ah don' git mah way!"? How would he react from his position as the government of the world's leading, if fading military power?

Although, as I have indicated at the outset, there are some significant developments spottily scattered amid the spectrum of a strategic defense based upon "new physical principles," the breakdown in scientific and technological capacities of the NATO nations and their industrial establishments, had reduced the globally strategic options to the area centered around EMP effects.

Therefore, it is sufficient, for the purposes of the policy discussion assigned to this location, to use the foregoing model as typifying the broader range of options available.

The essential point remains, that, as long as the present administration has the characteristics which I have summa-

Figaro newspaper in France. In 1990, Carlyle hired the then-unemployed George W. Bush, as a director of its subsidiary, Caterair.

rized at this point, the world as a whole could therefore be on a short fuse to the brink of Hell.

Unless the combination of wiser heads, inside Europe as well as in the U.S.A., act in some degree of concert, to pull the proverbial rug out from under the present composition of the Bush administration, the worst is the most likely.

3. The Noösphere in Strategy

There is an obvious remedy for the recent three decades' drift into the present world financial and economic crisis, a remedy obvious to any of the types which Rumsfeld, Cheney, et al. represented in their pre-Nixon incarnations. The Franklin Roosevelt reflex is obvious to any of those types who wished to restore the U.S. to its former good health as an agro-industrial leader of the world.

What, therefore, is the Bush administration's agenda? Does it have a plan? Or, is it merely, like some "Manchurian candidate," a puppet, selected for the perceived utility of its moral and intellectual defects, a mere missile sent to self-destruct in the ruin of its assigned target, playing out some role assigned to it? For the answer, look back to those centuries when Venice dominated the Mediterranean and Europe as a whole, as an imperial, financier-oligarchical form of maritime power. We are speaking of "geopolitics."

There was never anything scientific about so-called "geopolitics." If there were, poor looney and aging Zbigniew Brzezinski, for one, could have never understood any of it. It was, at inception, the British perception that the Venetian model used for building both the Dutch and British maritime power on a more or less global scale, must be defended against any danger that global maritime supremacy might be outflanked from the interior of the Eurasian and/or American continent.

The crucial development which led the circles of Britain's Prince of Wales and later King Edward VII to adopt Halford Mackinder's curious view of geography, was the victory of the Abraham Lincoln-led United States over Lord Palmerston's puppet, the Confederacy. The 1861-76 economic miracle of agro-industrial development, which was set into motion by the combined efforts of Lincoln and Henry C. Carey, included the use of transcontinental railway systems to unite the American continent in an economically functional way, and to prompt Japan, Germany, and Russia, among others, into imitations of the U.S. approach to development of agro-industrial economy and the use of transcontinental railway development for the Eurasian continent as a whole.

The principle involved, in what is called "geopolitics," is expressed in the simplest way, by noting that if we define transcontinental transportation routes in terms of development corridors, rather than simply transportation ways, for every fifty miles or so along such a corridor, the process of

transportation itself will foster the production of far greater wealth than the cost of building and operating that route. This is to be contrasted with the benefits of each fifty miles of ocean transport. In addition to this, high-speed rail lines, or the superior magnetic levitation systems, are vastly faster, and, in net effect, cost less per kilometer traversed, than ocean traffic.

Thus, the combined developments in that direction, within North America and continental Europe, represented a deadly threat to the ability of imperial Britain to use its maritime power to control the world. So, the British organized the first Sino-Japanese war, and the formation of the *Entente Cordiale*, and the linking of Russia to France and Britain, for a war against Germany. The object was to put the continental powers at one another's throat, and thus to abort trans-Eurasia developmental routes of a type which would have threatened the doom of the British Empire.

There was a second principle involved in this. This brings us to the matter of the convergence between Vladimir Vernadsky's elaboration of the concept of the *noösphere* and my own original contributions to the development of the science of physical economy. It is from my view of the deeper implications of the *noösphere*, that the deeper implications of Britain's geopolitical hoax are to be adduced.

Contrary to the popularized mythologies of modern British Biblical archeology and the conventional history texts, the relatively most advanced ancient cultures were transoceanic maritime cultures, rather than inland-based, or "riparian" cultures. Within the scope of modern archeology's actual knowledge, it was transoceanic maritime cultures, such as the Dravidian language-group culture which created Sumer, which spread maritime cultures inland along the obvious riparian routes. Only as technology advanced, was inland development in a position to "compete," so to speak, with the per-capita and per-square-kilometer rates of physical output achieved along coastal and major riparian inroads.

Even to the present, this remains the case. Thus, we have the vastly underdeveloped land-areas of the interior of the U.S.A. and South America, and of continental Eurasia.

The principal gains of recent centuries along the lines of such inroads, have been associated with development of mechanized transportation networks, large-scale water management systems, and increasingly dense energy production and distribution.

Hence, the vital interest of the Venice-modelled Anglo-Dutch maritime power, has been to abort the rate of scientific and technological development of the planet as a whole! The natural continuation of the scientific and technological development of the planet for human habitation, and the pressures for such development caused by improvement of the demographic characteristics of populations, must render inevitable the absolute supremacy of inland-based development over attempted control of the planet through maritime supremacy!

Immediately this aspect of geopolitics is brought into the

foreground, the role of the U.S. neo-Confederacy types as merely instruments, rather than sources of policy, emerges.

The Economics of the Noösphere

The great biogeochemist Vernadsky, the one-time student and follower of Russia's railway builder Mendeleev, who actually organized the initial development of Soviet nuclear science, and also guided the formation of the team which produced the Soviet nuclear arsenal, made a crucial contribution to understanding the macroeconomic function of the development and maintenance of basic economic infrastructure. It is from my discoveries in the field of physical economy as such, that the deeper significance of Vernadsky's concept of the noösphere is made clear.

Vernadsky divided all physical principles among three categories: non-living, living, and cognitive (noëtic). Following in the pathway of the work of such as both Pasteur and Mendeleev, Vernadsky pointed to the unique experimental proof that living processes represent a universal physical principle not present in non-living processes, and that human creative intervention accelerates the self-development of the biosphere upon which the sustenance of human populations depends.¹⁴ Just as life controls the process of fermenting wine in ways which non-living processes can not, so man's intervention into the biosphere increases the rate of self-development of the biosphere in ways which are not possible without society's intervention.

This interface between the noösphere and biosphere, located in terms of relevant human actions, is most conspicuously shown in respect to what is called "basic infrastructure." The ability of society to deploy technologies which increase the per-capita productive powers of labor, depends upon the intervening development of the basic economic infrastructure. Thus the technological ability to develop the biosphere through basic economic infrastructure, depends upon a corresponding level of scientific and related development in production in general, and a correlated increase of the physically defined productive powers of labor per capita and per square kilometer.

By "basic economic infrastructure," one means to include not only transportation, power, and water-management systems, but improved fields and forests, improved practices of sanitation, and urban development. This implies health-care systems, educational systems, and so on. It implies the quality of government through which such sundry improvements are installed or otherwise fostered.

In short, therefore, the ability of mankind to make effective use of land areas, especially inland areas, and land-area as a whole, depends upon a preceding level of general technological development, upon which the feasibility of the relevant development of basic economic infrastructure depends.

14. See Lyndon H. LaRouche, Jr., "A Philosophy for Victory: Can We Change the Universe?," *EIR*, March 2, 2001.

By looking backwards to earlier cultures, through the eyes and mind of Johannes Kepler and his successors, our appreciation of the minds of the ancient transoceanic navigators, is not diminished but greatly increased. What we know of the construction of calendars from as recently as five to eight thousand years ago, gives us an insight into those ancient maritime cultures which necessarily traversed the Atlantic, Indian, and Pacific oceans thousands of years earlier. With that benchmark as a point of reference, we appreciate better the nature of the obstacles which had made the mastery of the inland areas so difficult until relatively modern times.

From this vantage-point a certain view of geopolitics emerges.

Maritime powers, such as Venice, had depended upon factors of advantage inhering in sea-power. These advantages were, in the long run, temporary in nature. The inevitable consequence of improvements in scientific progress and in statecraft, would produce, naturally, the circumstances in which the clear economic and related supremacy of inland development would surpass maritime power.

There would be no way to prevent that transition from emerging, unless two conditions were first met. First, that technological progress must be brought virtually toward a halt, and that its application to development of basic economic infrastructure must be aborted, as a matter of priorities. Second, that population-levels, and also life-expectancies, must be severely curtailed and even reduced.

How does a ruling thalassarchical financier oligarchy bring such conditionalities into being? It lacks the numbers, as a class, to accomplish this by its own raw force. Ah! But, if the fools available are sufficiently numerous, that difficulty can be overcome. Synthetic religions, and like instruments have been the standard convenience employed by oligarchies over known history and pre-history's crucial evidence. Get a mob to do the dirty work, even if it destroys itself in the doing.

Mobs such as those typified by the Bush administration and its popular base, are merely puppets, trained and deployed as hunting dogs and cattle are used by the oligarchs, who supervise the breeding and deployment of such mere humanoid livestock. These mobs have no intrinsic self-interest in the policies they serve as instruments. They are simply cultivated and deployed to act, as if instinctively, in the way they are selected and conditioned to react.

Who, then, is the actually controlling interest behind the deployment of the cattle of which the Bush administration and its popular base are composed? Who controls the "critter company," the white-sheeted animals, deployed as the Ku Klux Klan types?

Only a confrontation with the shocking discovery of what we are permitting be done to us, by the kind of "critter company" deployed as the popular base of the Bush administration, were likely to persuade the relevant U.S. institutions into calling a halt to the monstrous farce in progress at the present moment.