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LaRouche: Bring the Promethean Principle into Play
Under London's Wing: Saudi-Funded Terrorists Form ISIS
We Are Now Moving to an Earth-Sun-Moon Economy

**The New Silk Road Leads
To the Future of Mankind!**



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EIR

From the Editors

Pessimists, give it up. If you open your eyes and your mind to the transformations which are already ongoing in the world today, you will find you have no choice but to throw yourselves into the fight for a truly human future for mankind, a future that is now visible on the horizon.

This week's feature by Helga Zepp-LaRouche gives you a beautiful foretaste of that future. It is a preprint of the introduction to an upcoming Special Report on the World Land-Bridge that *EIR* is producing, but we rushed to put it into circulation because it captures the current transformation underway *Feature*. That reality is also underscored by the attention which the Russian and Chinese media are giving to the input of both Lyndon and Helga LaRouche—as you will see in our coverage from Voice of Russia/Ria Novosti and China's Xinhua (*International*).

Complementary to Zepp-LaRouche's presentation is our *Science* feature, which further pursues the implementation of the helium-3 perspective which China is undertaking.

Lyndon LaRouche's Aug. 22 webcast, whose transcript we run in this issue, provides an overview on how to approach this last week's strategic developments. LaRouche's response to a question from Washington-based institutions, on the situation around the ISIS horror in Southwest Asia, is critical, and is elaborated in Jeffrey Steinberg's *International* lead. LaRouche's responses to questions on U.S. issues, and economic developments, emphasize the need to take the standpoint of Prometheus, and the need for increasing the productive powers of labor, to actually solve the crises before us.

The rest of the issue updates areas of major breaking developments. In *Economics*, we provide the latest on Argentina's battle against the vulture funds, and *EIR*'s own top-down approach to the Ebola crisis, which is now being criminally under-resourced, with potentially disastrous results for the planet. On the Southwest Asia wars, we bring to bear our in-depth knowledge of the British Empire's use of international terrorism, to expose just how that Empire's junior partner, Saudi Arabia, has created ISIS (*International*). We also update the movement to expose the Saudi role in 9/11 by the release of the 28 pages of the 9/11 Congressional Inquiry Report. Domestically, we bring you a report on the battle over Glass-Steagall at the recent State Legislatures' conference (*National*).

Cover This Week

A modern Chinese train moves across the Ancient Silk Road through Tibet.



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Helga Zepp-LaRouche's introduction to an upcoming EIR Special Report. In the 23 years which have passed since EIR and the Schiller Institute began to elaborate a program for a Eurasian Land-Bridge, she writes, "this idea has not only been presented in innumerable conferences and seminars in cities around the world, but also further filled out into the idea of the World Land-Bridge. The linking of peoples through this World Land-Bridge is now the realistic perspective emerging from the collaboration of the BRICS nations, Latin America, and the ASEAN nations, and in which the U.S.A., Europe, and Africa must urgently participate.

"A new strategy for mankind means the ability, from now on, to see the human species as a unity, and to see that unity in the process of mutual development. Thus, along with Friedrich Schiller, we see no contradiction whatsoever between the inviolability of national sovereignty, which is guaranteed by the law of nations and by the United Nations Charter, and the rationality of the world citizen who has in view the interests of mankind as a whole. For this unity lies in the higher development of all; the concordance of the macrocosm requires the maximal development of all microcosms to their reciprocal benefit, as Nicholas of Cusa said."

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Chairman of the U.S. Joint Chiefs of Staff Gen. Martin Dempsey is right in calling for a campaign led by an alliance of regional states, backed by the United States, against the Islamic State insurgency, said LaRouche. "He's right, and he needs every bit of backing he can get."

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The New Silk Road Leads to the Future Of Mankind!

by Helga Zepp-LaRouche

The Coming Helium-3-Based Fusion Power Economy

This is the Introduction to an upcoming EIR Special Report on the World Land-Bridge.

August 2014—When the authors of this study decided last year to set out a new concept for peace in the 21st Century, by producing a revised version of the World Land-Bridge program—23 years after the first proposal for the Eurasian Land-Bridge—it was their intention not only to provide a concept for reconstruction of the world economy, but to present a war-avoidance strategy in the context of an acute strategic crisis at the same time. For in the intervening years, the danger of an intentional—or even an accidental—thermonuclear world war has grown dramatically. The attempt, fed by geopolitical motives, to associate Ukraine with the EU, and thus bring it, de facto, into the NATO sphere of influence, has triggered a series of escalating confrontations, which, in the worst case, could end in the extinction of the human race.

But in addition, nearly the entire Near and Middle East is burning; set off by wars built on lies, against so-called rogue states, the seeds of violence were sown which have called to life a million-headed hydra, which has not only leveled the Cradle of Civilization to the ground, and created there a Hell on Earth, but has also become an existential threat to the West.

The consequences of this policy of “regime change” have long thrown large parts of Africa into chaos, and overrun the continent with wars of terror and civil wars. But there are also geostrategic conflicts breeding in the Pacific, which have the potential to set loose regional wars and beyond. And since absolutely nothing has been done to remedy the causes for the collapse of Lehman Brothers in 2008, the TBTF (too-big-to-fail) banks are, on average, 30-40% bigger today than they were then, the indebtedness

still more massive, and the derivatives bubble grown to nearly \$2 quadrillion; so that a new systemic crisis could result at any moment, this time, given the strategic situation we have sketched here, with the danger that chaos will be triggered, making a strategic catastrophe unavoidable.

The entire world thus finds itself in such an alarming condition that one can only wonder how those responsible for the so-called Western community of values could have let things get to this point.

Pope Francis, who has characterized the global financial and economic system as “intolerable,” recently put it this way, in an interview with the Spanish newspaper *La Vanguardia*: “In order for the system to continue, wars must be waged, as great empires have always done. But mankind cannot bear a third world war, and so it seizes on regional wars.”

Though one could not put it better than the Pope has done, in this case, he underestimates the satanic energy of the system of globalization, which is ready to defend its privileges with all weapons available. One hundred years after the First World War, we find ourselves in a very similar geopolitical situation, except that this time there are thermonuclear weapons whose use would wipe out the human race.

There Is an Alternative

Meanwhile, an alternative to the collapsing trans-Atlantic system has been created; the attempts of that system to use supranational institutions such as the IMF, World Bank, WTO, TTP, TTIP, and similar monetarist instruments of globalization, to extend a world-



EIRNS/Richard Magraw

Helga Zepp-LaRouche in China, October 1998, at the Eastern Terminus of the New Eurasia Landbridge, at Lianyungang Port.

wide imperium, have produced an opposition which might not have been expected to manifest itself as it has.

In less than one year, an alliance of nations has been created, which has built a parallel economic order with giant steps, one which is dedicated exclusively to the building of the real economy, in opposition to the maximization of speculative monetary profit, and which now includes more than half of mankind. This new community of nations represents a power center based on economic growth, and above all, on leading-edge technology, one which belongs to the future, as shown above all by the success of the Chinese lunar exploration program, focused on the idea of bringing large quantities of helium-3 from the Moon back to Earth, for the future economy of thermonuclear fusion power. It points the way to a scientific and technological revolution which will increase, by orders of magnitude, the energy-flux density, both in production processes on Earth, and in fuels for space travel, and thereby introduce a completely new phase in the evolution of the human species.

The first step in the direction of a new economic world order was the announcement by Chinese President Xi Jinping at a conference in Kazakstan in July of last year, that China would build a new Silk Road Economic Belt, through Central Asia to Europe, in the tradition of the ancient Silk Road. Then, in October, in a trip to Indonesia and Malaysia, Xi took the initiative to involve all of Southeast Asia in the construction of the Maritime Silk Road.

At the summit meeting between Russian President Vladimir Putin and Chinese President Xi, on May 20

in Shanghai, and Putin's state visit to China on the occasion of the 4th Summit of the Conference on Interaction and Confidence-Building Measures in Asia (CICA) in Shanghai on May 21, extensive plans for collaboration of the two great powers were signed, including a 30-year natural gas agreement, and 46 additional bilateral accords. At the end of the summit, the two heads of state published a common declaration of intent, stating that both countries wished to create a new economic architecture in the Asia-Pacific region, oppose interference in the internal affairs of other nations, and intend to coordinate, as much as possible, their responses to important foreign policy questions on which they agree.

They named, among others, one goal of this collaboration as follows: "Increasing the effectiveness of collaboration in high-technology areas, priority projects in the international use of nuclear energy, civil aviation, and a program of cooperation in basic research on space flight, satellite observation of the Earth, satellite navigation, and research into deep space and manned space travel." A further militarization of space should, on the contrary, be prevented, and the unilateral stationing of missile defense installations was judged to be a "destabilizing factor for the world." Other goals include innovative research, improvement of agricultural techniques, and increasing agricultural production. They also expressed the intention to reform the international financial architecture.

The 30-year Russia-China natural gas treaty, with a total value of \$400 billion, can be called historic. The two countries' cooperation in the petroleum field is also to be deepened; coal mines in Russia will be jointly developed; additional power plants will be built in Russia to supply electricity to China; and there will be collaboration on many other projects in infrastructure, transportation, water, and nature conservation.

Of still greater importance is President Putin's support for President Xi's strategic initiative to expand the New Silk Road. Their common statement says: "Russia recognizes the enormous significance of the Chinese



Russian President Putin and Chinese President Xi, in Shanghai in May, reached a series of bilateral accords, and published a declaration of intent to create a new economic architecture in the Asia-Pacific region.

initiative for the building of the 'Silk Road Economic Belt,' and particularly appreciates the readiness of the Chinese side to take Russian interests into account in its development and realization. Both sides will seek further opportunities to combine the perspective of the 'Silk Road Economic Belt' with the conception of the 'Eurasian Economic Union.' Toward this purpose, they intend to deepen the cooperation of the relevant agencies in the realization of both projects, especially in the development of transportation routes and infrastructure."

The BRICS Summit

Other nations were then drawn into this collaboration at the May 20-21 4th Summit Conference on Interaction and Confidence-Building Measures in Asia in Shanghai. On July 16, the 6th BRICS Summit was held in Fortaleza, Brazil; on the following day, the Latin American heads of state and government joined the conference, and thus, 48% of humanity was represented at this meeting.

At the BRICS Summit itself, and in a series of multilateral and bilateral discussions within and around this summit, the heads of state agreed on the creation of an entirely new economic and financial system, representing a fundamental alternative to the casino economy of the present system of globalization, which is based on maximized profit of the few, and impoverishment of billions of people. Included in the 72 points of the "Dec-

laration of Fortaleza” is the real thunderbolt: the announcement of the creation of a new financial architecture. The new architecture was launched with the formation of a New Development Bank with an initial capitalization of \$50 billion, and a Currency Reserve Agreement (CRA) with an initial capacity of \$100 billion to help participating nations defend themselves against capital flight and other forms of financial warfare.

China had already previously decided to found an “Asian Infrastructure Investment Bank,” the AIIB, to have an initial capitalization of \$100 billion, with the invited participation from the start of more than 30 countries. Xinhua quoted Jin Liqun, under whose direction the Chinese Finance Ministry placed the founding of the Bank:

“The means of the Asian Development Bank and the World Bank fall far short of satisfying the hunger for more infrastructure. . . . The Bank will open a new financing channel for developing countries, especially for those with low income. . . . In October 2013, during a visit to Indonesia, China’s President Xi Jinping proposed an Asian Infrastructure Investment Bank to support economic integration.”

The general secretary of the Chinese Center for International Economic Exchanges emphasized that the AIIB is to be an open and freely accessible platform, welcoming not only nations in Asia, but also others, such as the United States and the European countries. Up to this point, the nations of ASEAN, at a summit in Myanmar, on Aug. 9, agreed to deepen their cooperation with China on “New Silk Road” development projects, while Thailand and Singapore agreed to join the AIIB as charter members, as has Bangladesh. South Korea, despite direct U.S. pressure not to join, is considering charter membership, and requested that Seoul be considered as a possible location for the Bank.

In the course of this series of summits, collaboration was decided upon, among the various states, in a large number of projects, above all, the development of nu-



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The leaders of the BRICS nations: Putin (Russia); Modi (India); Rousseff (Brazil); Xi (China); and Zuma (South Africa), meeting in Brazil in mid-July, agreed on the creation of a new economic and financial system, representing an alternative to the casino economy of the present system of globalization.

clear energy in Russia, China, India, Brazil, Argentina, and South Africa, and also, such groundbreaking projects as a second Panama Canal to be built by China through Nicaragua, and a transcontinental high-speed rail connection from Brazil to Peru.

The multiplicity of projects decided on among this community of nations in the areas of infrastructure, energy, industry, agriculture, research, and education, has reached a dimension which dwarfs the investments made by the U.S.A. and Europe in the same spheres over the past 30 years. The claims that Russia is only a “regional power,” and China only a “cheap-production country,” as was said at hastily arranged seminars at various thinktanks on the theme of the allegedly minor significance of the BRICS nations, have rather the character of whistling past the graveyard.

For in reality, there are now two economic and financial systems built on completely different principles. One, the trans-Atlantic system, as an imperial structure, seeks constantly to extend the boundaries of its sphere of power through supranational structures which threaten the sovereignty of other nations. It forces regime change against governments it disapproves of, insists on submission to a “consensus,” and in the process, uses methods which do indeed produce an aura of domination for a while, and the feeling of

powerlessness among the populations dominated in this way, but it ultimately goes the way of all empires. The moment this aura of power fades, whether because the imperial financial system is bankrupt, or because the people realize the hollowness of the values handed down, then the capability for intimidation disappears.

The newly arising system of the BRICS nations and the countries associated with them, bases itself on entirely different principles. Indian Prime Minister Narendra Modi formulated it most expressively at the plenary session of the summit: “BRICS is unique as an international institution. In the first instance, it unifies a group of nations, not on the basis of their existing prosperity or common identities, but rather their future potentials. The idea of the BRICS itself is thus already aligned with the future.”

Modi stressed that the high percentage of young people, in India for example, represents an enormous potential for the future, and proposed forming a BRICS forum for young scientists, and a school of languages “offering language training in all of our languages.” Modi made an appeal: “Excellencies, we have an opportunity to define the future—not only for our countries, but for the entire world.... I conceive that as a great challenge.”

The Future Lies in Outer Space

Nicholas of Cusa, the founder of modern natural science and a revolutionary scientific method, came to the conclusion, in the 15th Century, that every human being who strives to do so must be capable of reproducing virtually the entire evolution of the universe in its essential qualitative levels of development, and that this standpoint makes it possible to determine the necessary next step in scientific progress.

Today, this necessary next discovery, which defines the future for the entire world, is the conquest of the energy source that will bestow energy and raw materials security on mankind for thousands of years into the future: the utilization of thermonuclear fusion power on the basis of helium-3.



The success of the Chinese Chang'e-3 mission this past December, with a soft landing of the “Jade Rabbit” (Yutu) rover on the Moon, was a milestone in achieving the goal of moving to a thermonuclear fusion-based economy fueled by helium-3.

Therefore, the success of the Chinese Chang'e-3 mission this past December, in achieving a soft landing of the “Jade Rabbit” rover on the Moon, was a milestone in achieving this goal. The Chang'e-4 mission will follow immediately this year, in preparation for Chang'e-5 in 2017, which can start the phase of flight back and forth between the Earth and the Moon, in preparation for the future industrial exploitation of the Moon. This will bring within reach, the separation of the helium-3 found on the Moon in great quantities, for the nuclear fusion economy on Earth.

In the scientific collaboration among the BRICS nations, but above all, among Russia, China, and India, helium-3 plays a prominent role, because as a fuel for fusion, in contradistinction to deuterium-tritium, it does not produce energetic neutrons, which are very problematic for the reactor materials, but instead produces positively charged protons, which makes possible a revolution in energy generation. Instead of producing energy through the customary method via steam and turbines, in which there is a great energy loss, it will become possible to convert the energy of fusion reactions directly into electricity, at much higher efficiencies.

But Russia, too, according to the Russian space agency Roskosmos, plans a mission between 2016 and 2025, which is intended to create the basis for the in-



Space pioneer Krafft Ehricke (1917-1984) saw, in space travel and the colonization of the universe, the natural next phase of the evolution of mankind, and in the industrialization of the Moon, the springboard for man's exploration of the Solar System and beyond. Here, he demonstrates how an orbital hospital might be designed.

dustrial exploitation of the Moon. In the first phase, this involves robotic infrastructure for work on the Moon, thus, among other things mobile cranes, dredges, and cable-laying machines. After the landing probe “Luna Globe 1” in 2015, and the orbital module “Luna Globe 2” in 2016, then in 2017 the hard-landing apparatus “Luna Resource,” developed together with the Indian Space Research Agency, will reach the lunar surface and, among other tasks, convey the Indian lunar vehicle onto the Moon.

The collaboration among China, Russia, and India is paradigmatic for the new area of mankind, in which we—instead of plunging ourselves into geopolitical wars—will concentrate on the common aims of mankind. With the attainment of energy security for at least 10,000 years on the basis of helium-3-fed thermonuclear fusion power, and with the technologies associated with this, such as the fusion torch technique which

will enable raw materials security by reducing waste and all types of materials into isotopes which can be recomposed as needed, mankind will reach a completely new economic platform on the basis of a very high energy-flux density. This new economic platform begins a new age of mankind. The utilization of helium-3 sources for the fusion economy will be the game-changer which will revolutionize all relationships in science, economy, and politics on the Earth and in the Solar System.

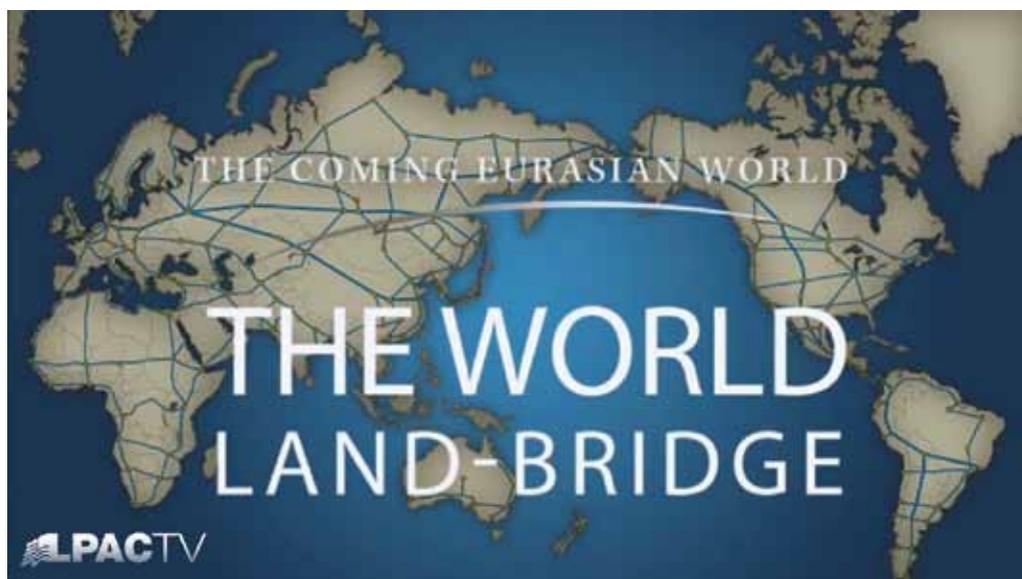
It is obvious that a continuation of the geopolitical thinking which already led to two world wars in the 20th Century, into a third, and this time, a thermonuclear world war, will cause the extinction of mankind. Instead of seeing the rise of China as a threat to the West's supposed geopolitical interests—and thus, as the American Joint Chiefs Chairman Gen. Martin Dempsey has repeatedly warned, groping around in a new “Thucydides Trap”—we need a new conception, a new paradigm which considers the development perspective of mankind as a whole.

A New Economic Order

The late German-American space pioneer Krafft Ehricke described the long arc of evolution as an upward development, in which, at first, life spread from the sea to the continents by means of photosynthesis in plant world, and then led gradually to the rise of biological species of high complexity and metabolism with higher energy-flux density. He described how the human species, as the highest expression of this evolution up to now, initially settled on the coasts and the shores of rivers, and then along roads and canals, and finally along railroads and modern infrastructure, making the landlocked regions of the continents more and more accessible.

This process is still not completed—and exactly this is the goal of the World Land-Bridge presented in this study, to achieve the infrastructural development of the continents of the Earth. krafft Ehricke saw, in space travel and the colonization of the universe, the natural next phase of the evolution of mankind, and saw in the industrialization of the Moon, in particular, the springboard for excursions of human beings into the Solar System and potentially beyond. He was convinced that the evolution of the human species would only effectively reach adulthood with manned space travel; that only the “great challenge of the extraterrestrial imperative,” as Krafft Ehricke called it, will raise mankind to

FIGURE 1



its true purpose and destiny: namely, representing through its power of reason, the only creative species (known up to now), to act on verifiable universal principles, and not on the illusory world of sense-perceptions

By doing so, the human species will achieve a considerable advance in bringing its relationships to this planet and to near-Earth space, into harmony with the cosmic order. Perhaps the most important contribution of Lyndon LaRouche consists in that by the further development of the Leibnizian term “physical economy,” he has created a theory of scientific economy which corresponds to the real laws of development of the physical universe.

One of its basic concepts is that it is indispensable for the continuously sustained existence of the human race that its relative potential population density should increase on the basis of rising energy-flux densities in the production process, because at any arbitrary stage of economic development, there is a relative exhaustion of resources. The entire history of human development, particularly the most recent 10,000 years, in which the population potential has risen from a few millions to presently over 7 billion, demonstrates the correlation of the anti-entropic character of human creativity with the knowable universal principles of the physical universe.

The use of the helium-3 resources on the Moon for

the fusion economy on the Earth also recalls in an interesting way the controversy between Plato and Nicholas of Cusa, over whether ideas possess an existence already effectively present in the objective universe, independent of mankind, or whether it is only with human creativity that these ideas are created. Helium-3 supplies on the Moon are, in the first instance, only deposits in the upper layer of the regolith. Only human creativity, in

mastering thermonuclear fusion power, makes these isotopes into the fuel which can even exceed the power of nuclear fusion in the Sun!

But mankind has reached a phase-change not only from the scientific standpoint, but also from that of universal history; that is, the end of geopolitics is necessary for the survival of the species. Shortly before the Berlin Wall fell, LaRouche proposed the “Productive Triangle Paris-Berlin-Vienna” infrastructure program, and thereby, the plan to make this triangle the scientific motor and starting point for development corridors for the transformation of the Comecon states (the then-Soviet Union and Eastern Europe).

When the Soviet Union disintegrated in 1991, and thus the Iron Curtain disappeared, Schiller Institute teams further elaborated this program into the conception of the Eurasian Land-Bridge. Thus the idea was developed of linking the population and industrial centers of Europe with Asia by so-called development corridors, and thus providing the landlocked regions of Eurasia with the same site-characteristics which the regions with ocean or river access already had.

In the 23 years which have passed since then, this idea has not only been presented in innumerable conferences and seminars in cities around the world, but also further filled out into the idea of the World Land-Bridge. The linking of peoples through this World

Land-Bridge is now the realistic perspective emerging from the collaboration of the BRICS nations, Latin America, and the ASEAN nations, and in which the U.S.A., Europe, and Africa must urgently participate.

A new strategy for mankind means the ability, from now on, to see the human species as a unity, and to see that unity in the process of mutual development. Thus, along with Friedrich Schiller, we see no contradiction whatsoever between the inviolability of national sovereignty, which is guaranteed by the law of nations and by the United Nations Charter, and the rationality of the world citizen who has in view the interests of mankind as a whole. For this unity lies in the higher development of all; the concordance of the macrocosm requires the maximal development of all microcosms to their reciprocal benefit, as Nicholas of Cusa said.

This also signifies a new model of cooperation among the nations of the world. It means that all potential treaty organizations and alliances must be inclusive, that they cannot be for the security and economic interests of some nations, while excluding others. While the support of mutual development is the premise, they

must nonetheless respect the different levels of development, history, culture, and social systems, and above all, respect national sovereignty. That is Cusa's idea of unity in multiplicity, and it must be inspired by a tender love for the idea of the community of nations, for the idea of mankind as the creative species.

We must learn to view this mankind from the same perspective as the astronauts, cosmonauts, and Tairkonauts have seen it, as so wonderfully expressed by one of the Apollo astronauts who walked on the Moon:

“The fact is that evolution is now taking place in space, as much as on Earth. Man has shown that as a species mankind was willing to commit itself to living in environments that were completely different than those in which the species evolved—with a shield of life around ourselves in order to protect the life within. But the willingness to go out there, is there. We've shown that. The curve of human evolution has been bent.”¹

Translated from German by Paul Gallagher

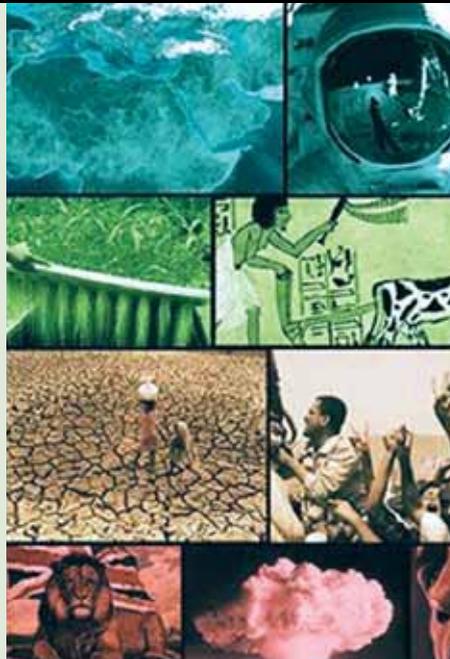
1. See the [YouTube video](#), “Apollo 11: For All Mankind.”

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Argentina: The Vultures Can Be Defeated

by Cynthia R. Rush

In a bold assertion of national sovereignty, Argentine President Cristina Fernández de Kirchner has delivered yet another blow to the British Empire's vulture funds with whom she, and her late husband and former President Néstor Kirchner, have been locked in battle since 2005.

In a nationally televised address Aug. 19, Fernández announced that she had submitted a bill to Congress offering foreign bondholders the option to accept a voluntary debt swap that would be governed by Argentine, rather than U.S. law, and would also designate the state-owned Banco de la Nación as the new trustee bank, replacing Bank of New York-Mellon (BoNY). Senate debate on the "Local Sovereign Payment of the Argentine Republic's Foreign Debt" bill is scheduled to begin on Aug. 27.

The Argentine President pointedly reminded the vultures that "a new global order" has emerged, which prioritizes economic and human development; and that the participating nations are a key source of the widespread support her government has received in defending its sovereignty.



President Cristina Fernández de Kirchner

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If passed, the legislation will place control over the entire debt restructuring process back in the hands of the Argentine government, where it belongs, out of the grip of New York Federal Judge Thomas Griesa, who has disrupted the restructuring with his vulture-friendly ruling that Argentina may only pay restructured bondholders, if it also pays speculative vulture funds at the same time. The judge has prevented restructured bondholders from collecting \$539 million that Argentina deposited on June 27 in the account of BoNY, threatening the bank with legal sanctions were

it to proceed with the payment.

On Aug. 20, Fernández followed up with another affront to the Empire, calling for the creation of a domestic capital market capable of meeting the country's credit needs.

Speaking at the 160th anniversary celebration of the Buenos Aires *Bolsa de Comercio* stock market, Fernández argued that, as a nation, and with its businessmen, Argentina has a "historic opportunity" to generate domestic savings that it can rely on.

Were Argentina to rely on its own capital, Fernán-

dez said, “we won’t be waiting for capital to come from abroad, and we’ll be outside the fluctuations of international policy . . . [that are] always subject to policies in which we have no say or decision.” She cited the 2008 Lehman Brothers blowout as exemplary of what foreign dependence means.

Leverage Against the Empire

Aware of the complexity of the debt, combined with a worsening global financial crisis that is negatively affecting Argentina’s economy, President Fernández isn’t suggesting that the proposed debt swap bill is a quick fix. But she and her top staff are operating from the standpoint of Argentina’s participation in the new emerging global paradigm, defined by the BRICS development initiatives, and strengthening alliances with Russia and China.

While Fernández addressed the *Bolsa de Comercio*, her Industry and Agriculture Ministers were in Moscow, telling Russian media, that Argentina has the ability “to feed 400 million people.” The ministers were accompanied by a delegation of government officials and agro-industrial producers to discuss immediately increasing Argentine food exports to the Russian market.

The state-run Telam news agency reported Aug. 20, that Giorgi has also invited Russian businessmen and industrialists to invest in Argentina, to increase industrial production, particularly to add value to natural resources. The daily *Cronica* reported the same day that a Russian delegation will visit Argentina in November to discuss investments in the hydrocarbons sector, which Argentina expects to facilitate. Giorgi emphasized Argentina’s enormous potential in this area.

Science an Instrument of Independence

A key component of the alliance with both Russia and China, as well as with other developing nations that are aligning themselves with the BRICS paradigm, is cooperation in science and technology, for which Argentina, with its advanced nuclear energy and aerospace capabilities, is especially qualified. Leonardo Sobehart, head of the New Business for the Nuclear Projects Division of Argentina’s premier, state-owned high-technology company, INVAP, reflected this beautifully in an interview with Bolivia’s *Reporte Energia* magazine, prior to participating in the Aug. 20-21 VII International Oil and Gas Congress in Santa Cruz, Bolivia, where Vice President Alvaro García Linera described nuclear energy as the “fire” of the 20th and 21st centuries, which Bolivia had to master (see *National* lead).

Bolivian President Evo Morales announced over a

year ago that he is committed to developing nuclear energy, and Sobehart offered valuable insights on the approach required to succeed in this endeavor, citing the spirit which guided Argentina and the United States under President John F. Kennedy.

“Bringing people closer to science is the biggest challenge. How to accomplish this, is the job of political leadership,” Sobehart said, pointing to JFK’s setting the goal of putting a man on the Moon as an example of how such a mission can mobilize the whole of society. “Developing technology is a long and difficult road which requires determination and perseverance, since new challenges must constantly be faced. But the benefits over the medium and long term, in improvement of the quality of life of the population and the independence of a nation, are undeniable,” he underscored. He added that people should not “mistake science and technology as an instrument of colonization, but exactly the opposite, an instrument of independence.”

What’s a Vulture To Do?

This optimistic outlook, combined with Argentina’s bold defiance of the Empire, is driving the Queen’s vulture funds, and the media sewers that spew out their propaganda, to ever greater extremes of rage and hysteria. Denied their pound of flesh, yet again, the predators are skulking back to the drawing board, to try to figure out what options they have against the nation that steadfastly refuses to capitulate to them.

Reflecting the reality that Argentina has outflanked the vultures, the London *Economist* opened its Aug. 21 story on what it called “Argentina’s debt saga,” with the explanation that, “If you can’t beat them, change the battlefield.”

Nor could the octogenarian Judge Griesa offer any help. On Aug. 20, lawyers for Paul Singer’s NML Capital and Aurelius Capital Management hysterically demanded that Griesa call an emergency hearing, to declare the entire Argentine nation in contempt of court and slap on heavy fines for its “grave affront” to the court. Aurelius charged that Argentina’s leaders had decided to “become outlaws.”

In the hearing, while Griesa also blustered about Argentina’s “lawless” behavior, he did not declare the country in contempt, arguing it would be “premature” to do so. As *Business Insider* summed up the situation in its Aug. 21 coverage, “The Judge in the Argentina vs. Hedge Funds Case Just Exposed a Big Weakness.” Griesa didn’t find Argentina in contempt, because he can’t enforce it. “He’s really got no power whatsoever.”

Military-Style Mobilization Urgent For Ebola Outbreak in West Africa

by Marcia Merry Baker and Douglas DeGroot

Aug. 23—The following are priority categories of intervention urgently required to roll back and defeat the Ebola virus disease (EVD) outbreak spreading in West Africa, which is a world health emergency. There must be a military-style, international mobilization. Selected updates are given below, from recent relief agency reports, to indicate what is involved for a full-scale response, and to enlist experts to spell it out, and enforce action.

The international community has made “almost zero” response to the disease outbreak, Brice de la Vigne, Operations Director of Doctors Without Borders (Médecins Sans Frontières/MSF), told the *Guardian* on Aug. 19. He had just toured Guinea, Sierra Leone, and Liberia. “Leaders in the West are talking about their own safety and doing things like closing airlines—and not helping anyone else,” he said. Political leaders in industrialized countries must take action, he added, or the epidemic will spread much farther. “You need very senior people with high profiles, the kind of people who can coordinate a response to a million people affected by an earthquake.”

The nature of what is needed is the same, in principle, as that required, but not undertaken, in Haiti, in response to the Jan. 12, 2010 earthquake, which befell an already impoverished people and economic landscape. Today in West Africa, the scale of the disaster is larger. It involves a killer microbe—the Ebola virus, which is one of three members of the *Filoviridae* family, for which there is no licensed medical treatment or vaccine for use in people or animals. EVD involves fever and internal bleeding. Human-to-human transmission takes place readily via bodily fluids, only slightly less easily than by aerosol means.

The only way to save lives at present, is to isolate the stricken person, give supportive treatment (hydration, breathing assistance, etc.), trace and isolate all contacts for the necessary quarantine period (approximately three weeks), and stop the transmission of the virus. Depending on the baseline health of the patient, early diagnosis and proper treatment can bring the

death rate down from 90% to 50%.

Logistics-in-depth is the difference between life and death.

In the case of Haiti, Lyndon LaRouche proposed a full-scale logistics response plan on Feb. 23, 2010, in his call to relocate the population to high ground and rebuild; this was also proposed to President Obama personally, by networks associated with the U.S. Army Corps of Engineers. However, the White House turned down both, cold. Now cholera is established in Haiti and the island of Hispaniola, as is chikungunya, a recent viral fever disease from Africa, plus resurgent malaria and other diseases.

The all-out mobilization to end EVD in West Africa must commence.

I. Basic Necessities

The population in the immediate three nations of the outbreak is 23 million—Liberia (4.5 million), the Republic of Guinea (12 million), and Sierra Leone (6.3 million). Plus there are cases in Nigeria (178.6 million). The displacement of people, and disruption of necessary activities, e.g., farming, sets up a need to ensure basic necessities across the board. This is severe in the core areas defined by the current outbreak, but also in the larger region of West Africa, as seen in the 15 member nations of ECOWAS (Economic Community of West African States), whose combined population is over 250 million.

Food. The UN World Food Program said on Aug. 15, that food must be provided to at least a million people in Guinea, Liberia, and Sierra Leone. This is a conservative estimate of need. The number will increase, and the need will continue for some time. In some places, trucks are distributing food, including cooked meals, according to Steve Taravella, a WFP spokesman, since provision must be made for people to eat who don't have the means to prepare food. Disruption in the rural areas automatically means disruption of agriculture. The UN Food and Agriculture Organiza-

FIGURE 1
Ebola Outbreak 2014



tion, working with each nation’s government, must supply an immediate set of contingency plans.

Water. As of ten years ago, only about 63% of the larger region of ECOWAS had access to safe water, with little or no improvement since. Therefore, safe water for the areas of displaced people, as well as for medical treatment centers, the food chain, and other purposes, must be provided.

Sanitation. Sanitation measures for personal hygiene, under conditions of mass dislocation as well as in home settlements, must be rigged up. In addition, sanitation measures for dealing with the dead, with contaminated materials, and related exigencies must be set up on the scale required.

Transportation. Very few paved roads exist in the hardest-hit areas. Fleets of vans, tankers, field-refrigerated trucks, etc., must be mustered, along with setting up fuel storage, distribution, and international delivery logistics. The UN, World Bank, and World Health Organi-

zation have conferred on making air-drops of food aid, especially to regions such as the Mano River basin (on the border between Liberia and Sierra Leone), home to over a million people, and an epicenter of the disease.

Power. Hospitals and other key centers must have contingency arrangements for reliable electricity.

Housing. Adequate camp-style housing must be set up, and/or expanded wherever necessary, ranging from emergency barracks to semi-permanent dwellings. There are military and other models for this, ranging from mobile units to hoop buildings (a modern version of quonset huts).

Quarantine facilities. Decent conditions for those needing to be under watch for manifesting Ebola symptoms (up to 21 days) must be expanded at whatever location and scale necessary.

Security. Security arrangements, associated with protecting daily life, access to necessities, and health and medical aid, must be worked out with the host governments and mission forces.

II. Public Health

Earlier screening to find the infected. The development of a field test kit capable of identifying the presence of the Ebola virus in three

to four hours was announced Aug. 14 by BGI, the largest genomics research institution in the world, in Shenzhen, China. China’s Academy of Military Medical Sciences announced that it had received approval for the mass production of the test kits from the China Food and Drug Administration on Aug. 21. BGI has been working on the Ebola virus, in collaboration with military research institutes, for years, which made it possible for the company to come up with a test kit so soon after the outbreak of the crisis.

Medical care capacity. It is vital for Ebola patients to have the full spectrum of medical support, such as oxygen assistance, fever mitigation, good sanitation, and hydration and nutrition maintenance, because there is no cure for the disease at present. There is only support treatment. This means facilities, equipment, materials, and staff, at key hospital centers throughout the epidemic region, and the setting up of contingency centers.

Health workers. The need for staff is particularly

dire. At present, charity and volunteer organizations comprise most of the frontline ranks, which are far below the numbers necessary. What is required is top-down staffing from a multinational commitment of military or equivalent ranks. Early in August, the World Health Organization (WHO) opened a regional coordinating center in Conakry, Guinea, but the deployment capacity is way below what is needed.

On Aug. 15, Joanne Liu of MSF urgently called for reinforcements. “We are not talking about weeks; we’re talking about months to get an upper hand on the epidemic,” she said.

Some 700 health workers from MSF are at various locations in the epidemic zone, as are 50 staff from the U.S. Centers for Disease Control and Prevention (CDC), plus persons from a few other organizations (Plan Ireland, Red Cross, JHpiego). Samaritan’s Purse is considering on what terms it will resume sending in health workers, after one of its leading physicians contracted EVD, and was sent back to recover in the United States.

China announced plans on Aug. 10 to send three expert teams and medical supplies to Guinea, Liberia, and Sierra Leone.

Contact tracing/quarantine. Tracing the contacts of an Ebola patient, to isolate and monitor them, is critical to push back the epidemic. This task requires staffing in depth, and quarantine facilities which work effectively.

Education. The best kind of community support work is required, in the context of the fear and despair that have been fostered by years of enforced poverty, lack of means of modern life, and strife—all of which are deliberate policies of the neo-British Empire in Africa. Therefore, health worker cadre are critical, with demonstrable interventions to provide food, security, and a future.

III. Building the Economy

Accompanying the focus on defeating the Ebola disease itself, is the necessity of an all-Africa economic development drive. Permanent, vital infrastructure must be put in place—water, sanitation, power, transportation, and cultural and scientific research centers.

Among the signal initiatives in this mission are two recent announcements for the continent: South Africa has resumed its commitment to expanding nuclear power and high-technology nuclear research. Egypt has announced its commitment to nuclear power, a new, expanded Suez Canal, and the completion of the Toshka agriculture project. These initiatives, along with such proposed continental-transformative projects as Trans-

Aqua, to fully manage and direct the great Congo River Basin flow, supply the development vector, with which projects in West Africa will make its nations flourish.

IV. International Defenses

Two obvious lines of action are urgently required:

A crash science program must be conducted to conquer the Ebola virus, with a vaccine, effective drugs, and harnessing of any advanced isotopic-age means of vanquishing enemy viruses. This requires the highest-level international collaboration. A vital part of this, is to push the epidemiological knowledge, in order to devise ways to intervene in the animal-bat-virus nexus in which the Ebola virus lurks in Africa, so the disease can be eradicated, once and for all.

Texas researchers announced Aug. 20 the successful use of an experimental drug in the treatment 16 out of 21 monkeys that had been infected with the Marburg virus. The drug was administered after symptoms had presented. The five that were not treated died. The Marburg virus is closely related to the Zaire Ebola virus strain in West Africa. Genetic material referred to as “small interfering RNA” was used to block the virus’ ability to reproduce. The Tekmira Pharmaceutical Corp. of Canada is attempting to develop a drug that is effective against Ebola, based on this data.

Russia, on Aug. 21, sent a group of eight virologists to Guinea to help fight the epidemic, Deputy Prime Minister Olga Golodets said, “They’ll be working along with the scientists from other countries on the new anti-virus drug.” Alexander Semyonov, head of virology at St. Petersburg’s Pasteur Scientific Research Institute, said that the Russian scientists would “work in the field and help in the fight against Ebola using special medical diagnostics.”

Interim national health defense measures and travel protocols must be activated everywhere, in the context of a commitment to economic advancement, as a matter of course.

For example, Africa-to-the-Caribbean has been a traditional transmission route for certain human, botanical, and zoological infectious diseases. The latest arrival was the chikungunya virus in 2013, showing up on the Caribbean island of St. Martin, and then spreading in the United States and elsewhere in the hemisphere. The Pan American Health Organization is now warning Caribbean countries to be prepared for possible introduction of Ebola in the region. The means to set up preparations for defense, in Haiti and everywhere else, must be provided.

LaRouche Endorses Dempsey's Call To Wipe Out IS Terror

by Jeffrey Steinberg

Aug. 24—In his regular weekly webcast on Aug. 22 (see *National*), Lyndon LaRouche endorsed Joint Chiefs of Staff Chairman Gen. Martin Dempsey's statement at a Pentagon press conference earlier in the day, that the Islamic State (IS) insurgency must be wiped out through a systematic campaign led by an alliance of regional states—with backing from the United States.

LaRouche said: "First of all, this organization that we just referred to should not exist ever; should never have existed. It is a systematic murder machine, and therefore there's no reason for it. General Dempsey was on the case; I was fully on the case, as far as I was concerned, right then—because we have to crush it; we cannot create monsters of that nature and hope to use those monsters as means of settling issues. Throw these guys out! Get rid of them immediately. . . ."

"These things must be championed, and Dempsey is right. He's right, and he needs every bit of backing he can get. It's a simple way of saying it, but the fruits of it will prove the case."

Work with Assad?

The call by the Chairman of the Joint Chiefs of Staff to destroy IS has posed some significant challenges. Gen. Richard Dannett, the former Chief of the British General Staff, went one step beyond General Dempsey, asserting that Britain must cooperate directly with Syrian President Bashar al-Assad to crush IS. Dannett was elaborating on a statement by Dempsey that a bombing campaign will have to be conducted in Syria,

paralleling the recent U.S. bombing of IS weapons concentrations in northern Iraq. In remarks on July 24 at the annual Aspen Security Forum, Dempsey had said that IS cannot be defeated in Iraq only. It must be wiped out both in Syria and Iraq. Although Dempsey chose his words carefully during the Aug. 22 Pentagon press conference, avoiding explicit endorsement of collaboration with either Syria or Iran, Dannett was explicit: "The Syrian dimension has got to be addressed. You cannot deal with half a problem. The old saying 'my enemy's enemy is my friend' has begun to have some resonance with our relationship with Iran. I think it's going to have to have some resonance with our relationship with Assad. I think, whether it is above the counter or below the counter, a conversation has got to be held with him. Because if there are going to be any questions of air-strikes over Syrian airspace, it's got to be with the Assad regime's approval."

The same day that Dannett, Dempsey, and LaRouche were calling for a coordinated regional military campaign to wipe out IS, the *Independent* newspaper in Britain published a report by Patrick Cockburn headlined "West poised to join forces with President Assad in face of Islamic State—Covert co-operation may signal the beginning of a once unthinkable alliance." Cockburn wrote, "The US has already covertly assisted the Assad government by passing on intelligence about the exact location of jihadi leaders through the BND, the German intelligence service."

Whether Cockburn's report is confirmed by Wash-

ington sources or not, the need for a campaign to halt IS's expansion in both Iraq and Syria, contain it in a fixed geographic area, and then decisively crush it, is absolutely in order. This is the essence of the plan for dealing with the IS threat that General Dempsey spelled out at the Aspen Security Forum.

The same view was presented by former U.S. Ambassador to Saudi Arabia Chas Freeman, who told Cockburn, "I cannot see how [IS] can be isolated without the co-operation of Syria as well as Saudi Arabia and the other Gulf Arabs, Iran, Russia, and Turkey."

Saudi Arabia and Londonistan

Saudi Arabia is particularly crucial. It has been in the lead in providing material support to IS throughout its long existence—first as the Islamic State of Iraq, later as al-Qaeda in Iraq (AQI), then as the Islamic State of Iraq and Syria (ISIS), and now as the Islamic State. Turkey has also provided significant support to IS, including weapons, training, and most important, access to Syria from Turkish territory.

In recent days, particularly since the beheading of American journalist James Foley by IS units in Syria, the role of both Saudi Arabia and Great Britain in fostering the rise of IS has been highlighted in numerous media accounts. The fact that the spokesman for IS who announced the killing of Foley had a British accent underscored the significant number of British recruits in the terror group. For decades, London has harbored terrorists, allowing open recruitment at the Finsbury Park Mosque in London and other locations. Abu Hamza, a pro-al-Qaeda cleric who operated at the Mosque for years, drawing young recruits into the jihadist cause, was recently on trial in New York City, where he attempted to defend himself by revealing he had been an informant for Britain's MI5 all along.

The role of Saudi Arabia in the promotion of groups like al-Qaeda and the Islamic State has become a major topic in the United States, where Reps. Walter Jones (R-N.C.), Stephen Lynch (D-Mass.), and Thomas Massie (R-Ky.) have introduced House Concurrent Resolution 428 mandating the full declassification of the 28-page chapter from the 2004 Joint Congressional Inquiry into 9/11 that documented Saudi funding of at least two of the hijackers, and contained other damning details indicating a White House coverup of the Saudi role. After promising 9/11 family members that he

would declassify the 28 pages, President Obama has continued the Bush-Cheney coverup, and gone even further in concealing and protecting the Saudi hand behind the worst terror attack on U.S. soil since Pearl Harbor.

Ukraine

While the situation in Iraq and Syria has dominated national security considerations for the past week, the other global crisis spots have not gone silent. After days of stalling by the Ukraine government in providing security guarantees for a humanitarian aid convoy by Russia and the International Committee of the Red Cross, Russian President Vladimir Putin ordered the convoy to cross the border into eastern Ukraine to deliver the supplies. The convoy reached the city of Luhansk, delivered the relief material, and returned to Russia within 24 hours. The Ukraine government, with the backing of President Obama, called the humanitarian deliveries "an invasion" in violation of international law.

The Russian Foreign Ministry accused the Ukraine government of planning genocide against two cities in eastern Ukraine that are under anti-Kiev rebel control, before the Aug. 24 anniversary of Ukraine's independence from the former Soviet Union. Ukraine President Petro Poroshenko and Russian President Putin are scheduled to meet in Minsk, Belarus on Aug. 26. German Chancellor Angela Merkel was in Kiev on Aug. 23, in an effort to mediate between the two neighbors, and set a path for de-escalation of the crisis.

In Washington, hawkish Republican Senators are pushing President Obama to take an even more aggressive anti-Putin posture. One recently proposed bill, the Russian Aggression Prevention Act, introduced by Sen. Bob Corker (R-Tenn.) would grant "major non-NATO ally" status to Ukraine, Georgia, and Moldova; this would allow U.S. and other NATO military equipment and personnel to be delivered to them. It would be tantamount to a declaration of war against Russia. British Prime Minister David Cameron has been pushing for similar provocations against Putin at the Sept. 4 NATO summit in Wales that he is hosting.

The situation also remains extremely tense in the Pacific, where the United States has dispatched a second aircraft carrier group, after an incident between Chinese and American air force planes nearly led to a mid-air collision.

ISIS: Saudi-Qatari-Funded Wahhabi Terrorists Worldwide

by Ramtanu Maitra

Aug. 25—The sudden emergence of another organized militant Islamist-terrorist group, the Islamic State of Iraq and Syria (ISIS), aka the Islamic State of Iraq and the Levant (ISIL), or simply IS, along the Iraqi-Syria borders, was not really “sudden” at all. A series of West-organized military actions, particularly the Iraq invasion of 2003, invasion of Libya in 2011, and arming and facilitating the passage of Islamists and terrorists, in the garb of freedom fighters, to Syria to dismantle the Assad regime, has served to bring together thousands of hardcore Islamic terrorists, from as many as 50 countries, who have for years been funded and indoctrinated by the Saudis, Qataris, and Kuwaitis, with the “kill them all” Wahhabi-Salafi vision of Islam, to establish what ISIS calls the Islamic State.

That state currently encompasses a swath of land stretching from the outskirts of Baghdad in the east, to the outskirts of Aleppo in Syria, bordering Lebanon and Turkey, in the west. Estimates of the number of fighters that might be affiliated with ISIS vary from more than 10,000, to as many as 17,000.

While many policy errors have contributed to creating this horror, there is one center of evil with the *intention* of spreading such brutal sectarian warfare, which destroys civilization and nation-states alike. This center is in London, often dubbed “Londonistan,” for its role as a center for incubating international terrorists. As we review the history of the creation of ISIS below, keep in mind the reality that we are

dealing here with a *London* imperial project being carried out through Saudi Arabia, other Gulf States, and sundry British tools.

Setting Up Sectarian War

Although this large group of Wahhabi-Salafi terrorists in Iraq and Syria, who are killing Shi’as, and grabbing large tracts of land for setting up a Wahhabi-Salafi Caliphate, has been much better organized and trained over the decades, it is not altogether different from the London-organized, Saudi-funded, and Pakistan-trained mujahideen in the 1980s, who showed up in Afghanistan to drive out the invading Soviet military. While the objective of the mujahideen brought in by Western powers was to drive the Soviets out of Afghanistan, and then become terrorists-for-hire, ISIS is busy setting up a Caliphate in Southwest Asia.



The British jihadi identified as the killer of the American journalist James Foley was a product of the East London Mosque, at the center of “Londonistan.” Here, a still from an ISIS video featuring three young British jihadis.

It is perhaps because of this distinction that the chairman of the U.S. Joint Chiefs of Staff, Gen. Martin Dempsey, told reporters on Aug. 24, on his way to Afghanistan, that he believes ISIS is more of a regional threat, and is not currently plotting attacks against the U.S. or Europe. He also pointed out that there is no indication, as of now, that ISIS militants are engaged in “active plotting against the homeland, so it’s different than that which we see in Yemen.” In Yemen, al-Qaeda in the Arabian Peninsula (AQAP) has attempted attacks against Western countries.

There is no doubt that the threat that ISIS poses, as observed by General Dempsey, is a regional threat, and is primarily directed against Iran, Iran’s allies, and Shi’as in general. But it also poses a serious threat to all Arab monarchies and countries such as Lebanon.

The objective of ISIS became evident from its actions in Iraq and Syria. It is clear that the staunchest promoters of anti-Shi’a ideology, which is aimed at undermining Shiite Iran, are the Saudi monarchy, the Qatari monarchy under the al-Thanis, and the Kuwaiti monarchy under the al-Sabahs. These monarchies are exporters of the Salafi-Wahhabi version of Sunni Islam, which does not accept Shi’as as Muslims, and considers them to be heretics who should be annihilated in order to purify Islam.

Saudi Fears and Coverups

Nonetheless, the rise of the ISIS and its military prowess, seen in its securing a large tract of land not too-distant from the Saudi Arabian borders, has evoked an existential fear in the House of Saud. In addition, the presence of thousands of Western jihadi fighters who could raise hell upon their return to their home countries, has also made the Americans, the British, the French, and some other European governments—friends of the Saudi-Qatari-Kuwaiti axis—a bit uneasy. In order to assuage their Western friends’ fears, the Saudis have begun a propaganda campaign to convince others that they do not fund ISIS.

The West, with its vested interest in Saudi Arabia and other Sunni Gulf nations, has continued to defend Saudi Arabia; U.S. Secretary of State John Kerry went on record praising the Saudi Kingdom for donating \$100 million to the UN Counter-Terrorism Centre. Riyadh is also spewing out the lie that the ISIS militants are not adherents to Wahhabism. In a statement to the Aug. 23 London-based Saudi news daily *Asharq al-*

Awsat, a spokesperson for the Royal Embassy of the Kingdom of Saudi Arabia in London said:

“Saudi Arabia wants the defeat and destruction of ISIS and other terrorist networks. Terrorist networks are as abhorrent to the government and people of the Kingdom of Saudi Arabia as they are to the governments and peoples of the rest of the world... There have been suggestions that ISIS followers are members of some sort of Wahhabi absolutist sect. Indeed, certain UK media outlets often refer to Muslims within Saudi Arabia as Wahhabists. The unsubstantiated use of this invented connotation must end because it is untrue. Wahhabism is not a sect of Islam.”

“Muhammad [Ibn] Abd Al-Wahhab was a scholar and jurist of the 18th century who insisted on the adherence to Qur’anic values and the teachings of the word of God as revealed to the Prophet Muhammad,” the statement added. The Saudi spokesperson criticized Western media attempts to draw comparisons between Wahhabism and extremist ideology.

But some Western news media are not buying these denials by Riyadh and Washington about the Saudi-Qatari-Kuwaiti connections to ISIS. The British weekly *The Spectator*, on Aug. 21, alluded to the common ideology of the Saudi and ISIS Wahhabists: “Saudi Arabia is a close ally of Britain and a keen customer of our killing machines, and like most of the Arab states is hostile to lunatic elements like ISIS and Hamas. Yet they are part of the problem; like many Islamists, including those in Britain, the Saudis are happy to condemn ISIS in what they do but not their basic ideology, largely because it mirrors their own.”

The article pointed out that “the Saudi hostility to ISIS could even be described in Freudian terms as the narcissism of small differences. ISIS is dangerous to them because for those raised in the Saudi version of Islam, the Islamic State’s even more extreme interpretation is not a huge leap.”

Wahhabi ‘Peaceniks’ of Yesteryear and Today’s ISIS

In 1744, Muhammad ibn Saud and Muhammad ibn Abd al-Wahhab swore a traditional Muslim oath, in which they promised to work together to establish a state run according to Islamic principles. Until that time, the al-Saud family had been accepted as conventional tribal leaders whose rule was based on long-standing, but vaguely defined, authority. Ibn Abd al-Wahhab labeled all those who disagreed with him

heretics and apostates, which, in his eyes, justified the use of force in imposing both his beliefs and his political authority over neighboring tribes. This in turn led him to declare holy war (jihad) on other Muslims (neighboring Arab tribes), an act which would otherwise have been legally impossible under the rules of jihad.

In 1802, the Wahhabis captured Karbala in Iraq, and destroyed the tomb of the Shi'ite Imam Husayn. In 1803, the Wahhabis captured the holy city of Mecca. The Ottoman Turks became alarmed, and in 1811, dispatched Muhammad Ali, the Ottoman ruler of Egypt, to challenge the Wahhabis. He succeeded in re-imposing Ottoman sovereignty in 1813. Nearly a century later, in 1901, with Wahhabi help, Saudi emir Abd al-Aziz al-Saud recaptured Riyadh. Al-Saud's sovereignty over the Arabian peninsula grew steadily until 1924, when his dominance became secure. At that point, the Wahhabis went on a rampage throughout the peninsula, smashing the tombs of Muslim saints and imams, including the tomb of the Prophet's daughter Fatima. Saudi Arabia was officially constituted as a kingdom in 1932.¹

In *Newsweek* July 8, Lucy Westcott wrote, "The Islamist militant group ISIS has been destroying Iraq's Shiite mosques and religious shrines as it continues to put pressure on the country and further its extreme agenda. The AFP reported that four shrines that commemorated Sunni Arab or Sufi figures have been destroyed, while six Shiite mosques were demolished. The destruction seems to have been limited to Iraq's northern Nineveh province, including militant-held Mosul. One local resident told *Al-Arabiya* that mem-



Londonistan, in particular, the Tower Hamlets, is an imperial breeding ground for jihadi terrorists, who are then recruited into groups such as ISIS.

bers of the group had also occupied the Chaldean cathedral and the Syrian Orthodox cathedral, both in Mosul, removing their crosses and replacing them with the black flag of the Islamic State."

There is another hallmark that ties Wahhabism with ISIS like an umbilical cord. Human Rights Watch reported recently that Saudi Arabia has beheaded 19 people since the beginning of August. Some confessions may have been gained under torture, and one poor defendant was found guilty of sorcery. Beheading of *Kafirs* (in Arabic, a slur to describe non-believers) is also the high-profile act of both ISIS and al-Qaeda under Sheikh Osama bin Laden, another group that was a beneficiary of Saudi money and wide-ranging Gulf support.

ISIS beheaded the American journalist James Foley recently in Iraq; while another American journalist, Daniel Pearl, was beheaded in 2002 in Pakistan. In both cases, videos of the beheadings were widely circulated to rev up emotions among the Wahhabis.

The Financing of ISIS

In 2011, in Syria, when President Obama, Prime Minister David Cameron, and President François Hol-

1. Ted Thornton, "The Wahhabi Movement, Eighteenth Century Arabia," *Islam Daily*, Dec. 7, 2004.

lande joined forces to remove Syria's elected President Bashar al-Assad from power, and thus deal a body blow to the Russians and the Iranians, who acknowledge Assad's legitimacy, not-so-militant groups within were bolstered by attaching them to well-trained Salafi-Wahhabi terrorists from a number of countries. While the Western countries were quite generous with arms, and worked with the neighboring countries to facilitate entry of arms into Syria, the bulk of the money came from the Salafi-Wahhabi bastions of Saudi Arabia, Qatar, and Kuwait.

Despite denials issued from Riyadh and Doha to quiet gullible Westerners, the funding of various Sunni groups seeking to establish Salafism and Wahhabism in a number of countries has long been well-documented. Sen. John McCain (R-Ariz.), for example, who is keen to see Assad, and the Russian influence over Syria, vanish altogether, praised the Saudis and Qataris for financial help lent to the Syrian "rebels," in a discussion on CNN, in January 2014,

"Thank God for the Saudis and Prince Bandar, and for our Qatari friends," the Senator repeated at the Munich Security Conference in late January. McCain praised Prince Bandar bin Sultan, head of Saudi Arabia's intelligence services and a former ambassador to the United States, for supporting forces fighting Assad in Syria. McCain and Sen. Lindsey Graham (R-S.C.) had previously met with Bandar to encourage the Saudis to arm Syrian rebel forces.²

But McCain was a bit off the mark. At the time he was bloviating on CNN, the "rebel" power in Syria was already firmly in the hands of ISIS—now an enemy of the U.S. Indeed, in Syria, where the moderate Friends of Syria (those who, according to what the White House conveyed to the American people in 2011-13, were the recipient of arms thanks to American and other Western largesse), Jabhat al-Nusra (a faction of al-Qaeda), and ISIS worked together in the early stages of the West-orchestrated and Saudi-Qatari-Kuwaiti-funded anti-Assad militancy. These groups used to carry their flags together during militant operations against Damascus; but that changed, and the Salafi-Wahhabis, having seized arms and ammunition from their earlier collaborators, became the powerhouse.

Now, it is evident that ISIS has enough killing

2. Steve Clemons, "Thank God for the Saudis: ISIS, Iraq, and the Lessons of Blowback," *The Atlantic*, June 23, 2014.

power to loot and extort funds to sustain itself, and even grow.

How Saudi Money Created Foreign Wahhabi Terrorists

In 2010, Britain's news daily *The Guardian* citing Wikileaks, Dec. 5, 2010, quoted U.S. Secretary of State Hillary Clinton saying that Saudi Arabia is the world's largest source of funds for Islamist militant groups such as the Afghan Taliban and Lashkar-e-Taiba (LeT)—but the Saudi government is reluctant to stem the flow of money. Both the Afghan Taliban and the LeT espouse the Wahhabi version of orthodox Islam. "More needs to be done," wrote *The Guardian*, "since Saudi Arabia remains a critical financial support base for al-Qaida, the Taliban, LeT and other terrorist groups, says a secret December 2009 paper signed by the US secretary of state. Her memo urged US diplomats to redouble their efforts to stop Gulf money reaching extremists in Pakistan and Afghanistan."

"Donors in Saudi Arabia constitute the most significant source of funding to Sunni terrorist groups worldwide," she said.

Three other Arab countries are listed as sources of militant money: Qatar, Kuwait, and the United Arab Emirates. The cables highlight an often ignored factor in the Pakistani and Afghan conflicts: that the violence is partly bankrolled by rich, conservative donors across the Arabian Sea whose governments do little to stop them. The problem is particularly acute in Saudi Arabia, where militants soliciting funds slip into the country disguised as holy pilgrims, set up front companies to launder funds, and receive money from government-sanctioned charities.

In other words, a small fraction of the Saudi money may have gone directly to ISIS, but it is definitely Saudi money that armed and trained terrorists in Russia's Chechnya, Dagestan, North Ossetia, Ingushetia; in Pakistan; along the Afghanistan-Pakistan borders; in the Kyrgyzstan-Uzbekistan belt in Central Asia and also in Europe, particularly in Britain's Londonistan. These militants have come in droves to the Syrian theater with their expertise to boost ISIS's killing power.

In short, the Saudis have shipped money, sermons, and volunteers to Afghanistan, Bosnia, and Russia's North Caucasus, just as they're doing now in Syria. In Chechnya, Saudis such as Ibn al-Khattab, Abu al-Walid, and Muhannad (all *noms de guerre*) indoctrin-



wikimedia Commons/flickr/snapperjack

The Shi'a-hating radical Saudi cleric and head Imam of Mecca, Sheikh Adel al-Kalbani (center), was the guest in 2008, of the Mayor of Tower Hamlets, Lutfur Rahman (left), a fanatic Islamist, who has established the "Islamic Republic of Tower Hamlets." Anjem Choudary (right), of the radical Islamist group Islam4UK, led a demonstration in London in May against Shi'a Muslims.

Group (LIFG) was used to dismantle the Libyan state and kill Colonel Qaddafi. Pakistan and Britain are two important centers where the Saudis operate hand-in-glove with those nations' intelligence apparatus.

Britain in the Spotlight

Take, for instance, the recent beheading of the American photo-journalist James Foley by a British jihadi working with ISIS.

nated, armed, and trained militants who mired the Chechens in an endless war that killed some 160,000 people, while forcing Chechen women into Saudi-style isolation, and throwing Chechnya, Dagestan, Ingushetia, and North Ossetia into turmoil. Many of these jihadis are now on full display in the Syria-Iraq theater on behalf of ISIS.

In Afghanistan, Saudi money, and the Pakistani military, backed by Saudi money and support, have created a relatively small, but hardcore, Wahhabi capability in a number of provinces. Although these Afghan Taliban were not notably visible in either Syria or Iraq, they have helped facilitate movement of Saudi-funded Wahhabi terrorists coming down from the north to participate in the Caliphate-formation war in Iraq and Syria.

In Pakistan, myriad Saudi-financed Wahhabi and anti-Shi'a terrorists are growing in strength, and trying establish inroads into the Pakistani military; while in Afghanistan, the Saudi- and opium-funded Taliban, spewing Wahhabi venom, are trying to seize power again. In addition, Saudi money is also being distributed to build bases in several nations for recruitment and training of jihadis for future operations. It is evident that such a widespread operation cannot be carried out in stealth for years; it is therefore fair to assume that such base-building is done in collaboration with the targeted nation's intelligence community. These recruits remain available for use by the mother-nation. This became visible when the Libyan Islamic Fighters

Whether the British jihadi actually carried out the execution, or not, it was evident that ISIS was keen to project its strength, boasting that it has muscle in developed countries, such as Britain. And, indeed, it has.

The identified British jihadi was a product of the East London Mosque, situated at the heart of Londonistan, in the borough of Tower Hamlets in East London. Londonistan is a world unto itself, where British intelligence recruits and trains Saudi-funded radical and criminal Sunni Muslims to kill and assassinate, and then deploys them wherever needed to serve the "Empire's interest."

Tower Hamlets is where the Shi'a-hating radical Saudi cleric and head Imam of Mecca, Sheikh Adel al-Kalbani (who last year was refused entry into Britain) went to meet local council leaders for a "private meeting" in 2008. He was the guest of the Mayor of Tower Hamlets, Lutfur Rahman, a fanatic Islamist who heads the Saudi-funded Jamaat-e-Islami in Britain. According to a Bangladeshi journalist, Tower Hamlets has been converted into the "Islamic Republic of Tower Hamlets" under the mayor. That statement was right on the mark.

On Aug. 9, *The Guardian* reported that some 20 Asian youths had gathered around the Tower Hamlets gates, where a black flag, resembling that of ISIS, was hoisted. The flag was subsequently taken down by a Catholic nun.

Tower Hamlets is one of many centers where the Saudis breed their Wahhabi recruits. In 2013, when

Sheikh al-Kalbani was denied entry to the U.K., followers of radical hate preacher Anjem Choudary, spokesman for the Islamist group Islam4UK, led a demonstration in London in May against Shi'a Muslims, three years after Islam4UK was officially proscribed, on Jan. 14 2010, under the U.K.'s counter-terrorism laws. In other words, the proscription of Islam4UK is a paper job to cover up that group's activities.

It is also evident that the Saudi funding for Wahabi-indoctrinated jihadi fighters has not gone to waste.

Among the ISIS foreign fighters, the Londonistan-created jihadists are the largest and most dominant group. *The Telegraph*, in an Aug. 21 article, "More British Muslims fight in Syria than in U.K. Armed Forces," cited Khalid Mahmood, the Member of Parliament from Birmingham, another recruiting and training center of Londonistan, saying that "1,500 British Muslims have gone to wage jihad since 2011, as opposed to the 400-500 the government estimates and the 650 serving in the British armed forces."

The Saudi Role in 9/11: Hidden in the 28 Pages

Aug. 26—The most efficient means to root out the evil behind the so-called "Islamic State" (IS/ISIL/ISIS), is to bring out the truth about the pivotal Saudi role in the Sept. 11, 2001 terrorist attacks against the U.S. In recent weeks, coverage of the fight to declassify the suppressed 28 pages from the Congressional Joint Inquiry into 9/11 has been expanding, and repostings of *EIR/LPAC* material, posts from the new website 28pages.org, and other sites, are becoming much more common.

The initiative taken in Congress by Rep. Walter Jones (R-N.C.) provides the means to force President Obama to declassify the material. House Concurrent Resolution 428 currently has 11 co-sponsors, and the campaign for getting it passed is getting increasing coverage. Notable new items are:

- Walter Jones has stepped up his campaign to get the suppressed 28 pages declassified and released to the public. In addition to an Aug. 18 interview on the Ron Paul Channel, Jones posted another short video on his Congressional website and on his Facebook site, urging people to get their Representatives on board. Jones has posted at least four Facebook messages, plus a number of Twitter messages, over the past week. In his video message, he states:

"I deserve to know the truths hidden in the 28 classified pages of the Joint Inquiry Report on 9/11, and you do too. Please contact your member of Congress and ask them to join us in declassifying this

information, by co-sponsoring our bill, H. Res. 428. Join Ron Paul's hashtag #declassify campaign and make your voice heard."

- Ron Paul. In addition to the interview with Jones, the former Congressman has posted an interview conducted with himself by a staff member, about the U.S.-Saudi relationship, and the 28 pages, on his "Voices of Liberty" website. Paul describes how he was astounded that a group of Saudis was allowed to fly out of the United States within days of the 9/11 attacks, without even being questioned by the FBI, and before anyone else was allowed to fly. The Saudis "are not exactly our best friends," Paul said, adding that some day this relationship will have to change, perhaps when we get a hold of the 28 pages of the 9/11 report.

- Patrick Cockburn. In his new book, *The Jihadis Return: ISIS and the New Sunni Uprising*, Patrick Cockburn, Middle East correspondent for *The Independent*, treats the Saudi relationship to IS, al-Qaeda, and other terrorist groups, at some length. An excerpt published in Tom Dispatch and Truthout, notes that almost every significant element in the 9/11 attacks leads back to Saudi Arabia, but 9/11 investigators were repeatedly blocked when trying to get this information. In spite of this, Cockburn continues, "President George W. Bush apparently never even considered holding the Saudis responsible for what happened. . . . Most significant, 28 pages of the 9/11 Commission Report about the relationship between the attackers and Saudi Arabia were cut and never published, despite a promise by President Obama to do so, on the grounds of national security."

The Future Is with Those Nations Moving for Development

Lyndon LaRouche was interviewed on Aug. 20 by Voice of Russia; the interview was posted on Ria Novosti Aug. 22. Here is a transcript.

Voice of Russia: Hello, good morning, my name is Katherine, I'm calling from Voice of Russia.

Lyndon LaRouche: Good, this is Lyndon LaRouche, speaking here.

VOR: Hello Sir! Thank you very much for finding the time to do the interview. Would you like to clarify anything before we start recording, or shall I press the button right now?

LaRouche: Let's go!

VOR: First of all, Dr. LaRouche, thank you so much for finding the time to talk to us. And today, I suggest we take a closer look at U.S. foreign policy, all the more so that it is being debated so much. And the general understanding is that President Obama has failed on his foreign policy. How accurate is this assessment?

LaRouche: Obama is a complete failure. There's no question about that. But failures can come in various forms. They can careen, shall we say, into a mess. And we don't know exactly how this is going to occur, but obviously, Obama is a mess. If we don't get rid of him in the United States, we could have a much bigger mess.

We know the fact that this is not sustainable, that we're going to a new phase of things, with the BRICS and South America, and so forth, other parts of the world, China, India; all these areas are now moving to provide a sane approach to resolving the problems of our planet. And that's where I am, that's where I worry, that's what I fuss about. I'm concerned about the fact that there are risks involved in trying to get this thing done right.

Obama's Failures

VOR: Sir, but what exactly is his [Obama's] failure? Is it the approach which is a failure? Is it his failure

to deliver on the approach which could be justified? What is it?

LaRouche: The problem here, is that Russia has a difficult problem to deal with. And I don't want to meddle with the problem, because it's a judgment which has to be made by the leadership of Russia. And therefore, I don't want to introduce my views on the matter, even though I may be sympathetic entirely, to whatever they're doing. But, I would say that what we've got is an interesting picture: You have, all the way from China, which is now one of the greatest powers that ever appeared on this planet, and China's ability to deal with what it's doing now in terms of energy development, is tremendous. So therefore, we've got nations—India, Russia, China, the nations of the BRICS states—these are all nations which are ready to gather together and to begin to solve these problems. And I'm just holding on, to do my part, to try to keep this thing alive and working.

VOR: Sir, I remember, I've been watching one of your recent programs in which you were discussing the helium-3 project by China, and do you think you could remind our listeners about that?

LaRouche: What's important, when you compare, for example, what Russia was doing on the question of development and what China was doing, there were very particular distinctions but there was also convergence. There has been an increasing convergence of Russia's work in trying to come to an agreement with what is going on in Asia in general. So, to me, this is something—*we want this*—and when I say “we,” I mean South America, I mean Asia in general, and so forth, we want this. Because we now know we have capabilities, which we can develop, which will solve a lot of these problems. And I'm just one of the many people who wants to get at it and solve these problems! Like this silly thing, the whole silly thing that's going on in Germany, now.

VOR: Sir, but just getting back to Obama's failures and whatever, for a layperson like myself, his foreign

policy is not much different from that of George W. Bush. Am I mistaken? I'm not a politician, I'm not a chess player, so to say, but for me, Obama's foreign policy does not look much different from that of George W. Bush, for instance. I mean the approach is...

LaRouche: There is a difference. There is a difference. George W. Bush is a thing of the past; this is something much more of the shade of evil.

VOR: What makes me surprised, is that whenever the current U.S. Administration, whenever they step in, they create chaos. Is it a deliberate effect, or is it a mistake?

LaRouche: It's a British Empire effect.

VOR: What's that?

LaRouche: The British Empire runs the whole operation.

VOR: Is it their purpose to create chaos?

LaRouche: That's it. That's exactly it.

VOR: What's their interest?

LaRouche: Because they control it, they run it!

Creating a New System of Government

VOR: Is it a realistic approach to control chaos?

LaRouche: It is! It's absolutely an intentional program, to *crush* everything in sight, and this is what this is about. And what we're dealing with, is trying to figure out on the one hand, how to deal with this kind of threat, with a minimum risk, and that's our problem. I mean, when I look at what faces [Russian President Vladimir] Putin, for example, in terms of what he has to do from day to day, that's what I'm looking at. I'm looking at the factor of *risk*: He's constantly dealing with the question of risk. And it's a complicated situation, which means that he has to be constantly, managing on risk.

But the positive thing is, he's got China. He's got India. He represents these things. And in the process, when this thing is cleared, when the smoke is cleared, we're going to find there's going to be a new planet, or something that functions like a new planet, because the old ways are going to go, and they are going to *go fast*. I'm just waiting for us to get there.

VOR: Sir, but I remember not so long ago, the U.S. was talking about engaging China. Is it still trying to engage China?

LaRouche: The point is you've got the President of the United States is a crook! So what do you expect?

VOR: The poor guy! But how independent is he? I



LPAC-TV

Lyndon LaRouche on Voice of Russia: The British Empire is creating the chaos in the world. The solution? Victory. Here, LaRouche on Russia's Vesti TV program March 6, 2014.

mean, you were saying that chaos is a British project, but there should be an advisor to the U.S. President. He's not a foreign policy expert, is he?

LaRouche: Think about it, look at it the way I think about it.

VOR: Mm-hmm!

LaRouche: We have South America: Now South America has now become a collection, of BRICS, a matter of nations which are piling in together, for mutual defense and mutual development; we're finding similar things in Africa, as the [Suez] thing in [Egypt]. We're finding the fact, what's happening in terms of India, all these nations, all these groups of nations are converging on a single result: that is the creation of a new system of government, among the nations of the planet. And that's what we're struggling for.

VOR: Sir, in the latest developments around Israel, are they part of the reaction to this attempt to create a new system? The latest developments around Israel, the Middle East—the thing is exploding now.

LaRouche: Israel is a mess.

VOR: Absolutely. Why?

LaRouche: It's a hopeless mess, and it'll have to be sorted out in the whole process. It's gone crazy. Israel has become a crazy nation. It has no respectability any more.

VOR: But has it become a crazy nation on its own?

LaRouche: You know, I was very close to a lot of people in the Israeli community, during the immediate postwar period. And I had leading members of the

movement of that time, I was part of that. I wasn't a member, but I agreed with them, and I agreed that their efforts were worthwhile, and I thought that their efforts could lead to a peaceful solution, to that region. And we came very close to it.

But, then we had the right wing come in, in Israel, and when the right wing came in, the whole thing has been going to Hell since that time.

VOR: Hmm. And talking about Israel and the Middle East, do I get you right, that all those wars that are going on now, are, shall we put it—I don't know, the process of birth of the new world order?

LaRouche: There is, or there has to be, a new world order. The new world order is based on—not on what most people think would be a new world order. The point is, it's very simple: There are certain nations which must come together, they already are trying to come together, they are trying to be independent of this nonsense that goes on. But you look at India, India's independence—this is tremendous! China: China's achievement is *enormous!* We haven't even begun to see how important China is, in terms of helium-3, for example, its development. So therefore, we are on the edge of the greatest triumph for mankind ever. We just have to make it.

There Will Not Be Nuclear War

VOR: But then what happens to the currently dominant nations? To the U.K., to the U.S.?

LaRouche: When I think of my old friends from Russia, my old friends, I think of them as being my old friends from Russia still fighting it out, trying to win that battle, and I just keep hoping they're going to make it! Because, they can do it.

VOR: Sir, but in that case, when those big nations, I mean the U.K. and the U.S., when they are cornered, are they prone to extreme steps, like nuclear war?

LaRouche: No.

VOR: Why not?

LaRouche: Because they would be all mutually destroyed.

VOR: Do they care about that?

LaRouche: Yes, they do.

VOR: Is it a reason why they didn't start war on Iran?

LaRouche: It's just because they're so corrupt, they don't know what they're doing, often! The President of the United States is one of the most corrupt persons on the planet! So, what do you want?

VOR: But, we're talking about, that he needs to go, that he...

LaRouche: He needs to go! He needs to be thrown out of office, there's no question about it!

VOR: But who's going to replace him then?

LaRouche: Almost anyone! If I happen to walk in there, I'm sure I could do it.

VOR: Okay, but is there any guarantee that if you don't walk in there, that another person would not be as corrupt?

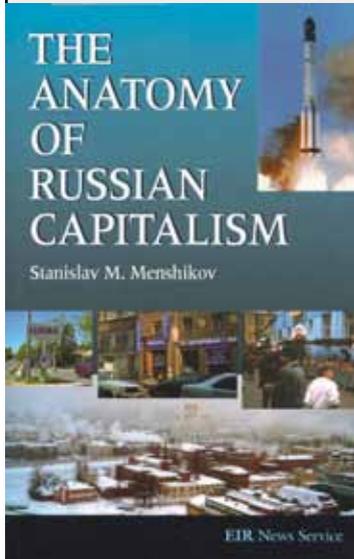
LaRouche: No. The problem, essentially, what you're looking at, you're looking at a probable breakdown of failed Presidents, failed leaders. And these failed leaders are just going to fall off, one after the other.

VOR: Mm-hmm.

LaRouche: And the danger that I see, is chaos.

VOR: What do we do to prevent it?

LaRouche: Victory. For example, I would take the case of Putin. Putin will do an excellent job. But, Putin has to manage himself very carefully, in a very complex situation, so that he does not fall into something that can be turned into a trap.



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VOR: Mm-hmm.

LaRouche: So, my concern is, I'm all for Putin! Because he's doing the right thing. I don't know if I agree with him on everything he says or does or so forth, but I know what is needed. Because the cooperation of Russia, China, and India, together with the BRICS nations, and now this includes Africa, this is now what is going to be the future of mankind.

A New Conception of Mankind

VOR: Sir, my last question: Does that imply a change of ideology?

LaRouche: Absolutely.

VOR: What kind of ideology should be...?

LaRouche: A new conception of mankind.

VOR: Do you happen to have any ideas on that?

LaRouche: Yes!

VOR: Could you share it?

LaRouche: Yes, I do! I do. The point is, that mankind needs that kind of change, and I think, we're ready for it. I think that the best-thinking people on this planet, who may be relatively few in number, but in terms of what their influence is, these guys better get in there quick, because we need them.

VOR: Sir, thank you so much.

LaRouche: Thank you.

VOR: I was also, by the way, I was also thinking of asking you about—I remember one of your latest articles, you were saying that the 9/11 has been a turning point in the world politics.

LaRouche: Yes!

VOR: And you also said that if the general public could peek into the results of the investigation, they would find amazing—well, revelations. You said that people would realize who actually are their friends and their foes.

LaRouche: Well, take a case of some of my friends from Russia, who are old friends of mine, who are leaders now in Russia, well—they know what they're doing! And they do an excellent job. They work under great difficulties, which are poured in; and my view is, I want them to win! Because I know, their winning means that we have a new arrangement for mankind on this planet.

VOR: And the 9/11? What about the 9/11? What could be a sensational revelation about 9/11?

LaRouche: 9/11? Get rid of it!

VOR: Okay! Thank you so much, sir. It was a pleasure talking to you.

LaRouche: Have fun.

Zepp-LaRouche in Chinese Media

'The New Silk Road Will Change the World'

The following interview with Helga Zepp-LaRouche was conducted by Xinhuanet, in Wiesbaden, Germany, and published on Aug. 7. The article, in Chinese, has been circulated by Xinhua, and picked up by several other Chinese publications, including China Daily.

The Silk Road Is the Hope for Peace in the World

Xinhuanet, Aug. 7—"Just like the ancient Silk Road, the Silk Road Economic Belt is not only capable of bringing people together economically, but also of enhancing cultural and other exchanges among peoples, becoming a completely new concept of peace order of the 21st Century," says Helga Zepp-LaRouche, the founder of the Schiller Institute, a German [and international] thinktank dealing with international political affairs and economics.

For a number of years now, Mrs. LaRouche and the Schiller Institute she founded have been persistently calling for the establishment of a Eurasian Continental Land-Bridge, as well as a worldwide land-bridge, and when China announced its proposal for a Silk Road Economic Belt, Mrs. LaRouche was very excited about it. A few days ago in Wiesbaden, the capital of the German state of Hesse, our reporters interviewed her.

"I'm very happy, because this is exactly what the world needs today. You know, under the present economic structure, many countries are suffering misery, and the New Silk Road provides the world a golden opportunity to change this."

As [Zepp-]LaRouche and her colleagues view it, the New Silk Road is not only a transportation link that brings together Europe and Asia, but it also has a much deeper significance.

"I believe that the New Silk Road should not simply

be limited to Central Asia, but that the concept of the Silk Road can help eliminate poverty, and change the world.”

[Zepp-]LaRouche first visited China at the beginning of the 1970s, and in 1996, once again visited China to attend a conference. This year, in visiting China, she took the high-speed rail from Beijing to Shanghai. She was amazed at the rapid economic development she saw. She tells our reporters: “These changes are unparalleled. I have never seen any country go through such a period of development as this one,” she sighed with amazement. “Many countries of the world have the urgent need of going through such a Chinese-style transformation.” [Zepp-]LaRouche believes that the new Silk Road manifests, in the present international situation, the win-win concept of cooperation among nations for the realization of their common development.

In May of this year, Chinese Premier Li Keqiang, on his visit to Africa, mentioned that China and Africa would cooperate on construction of high-speed rail, expressways, and civil aviation as a major three-faceted transportation network. Regarding this, [Zepp-]LaRouche said, “This goes far in explaining the philosophy behind the New Silk Road. It’s a question of how to implement a vision for the next stage in the evolution of mankind. There is a need in the entire world for building infrastructure to the point where all the nations of the world may benefit.”

[Zepp-]LaRouche believes further that within the framework of the New Silk Road, one could prepare and formulate a plan for a new economic order which could overcome ethnic and historic conflicts and in which all participating countries could benefit.

The New Silk Road brings hope to the world economy, and at the same time, with countries facing the danger of terrorism and similar problems, it provides a plan for helping them solve these problems. [Zepp-]LaRouche says that in order to eliminate terrorism and drug abuse, you must develop a serious plan of eco-

nomie development. If you can let people know that if they worked together to achieve a better life, nature would solve the problem of terrorism.

[Zepp-]LaRouche sees that different countries and different regions of the world are facing different problems and that regional conflicts are capable of exacerbating tensions even to the point of bringing about the threat of general war. Therefore, there is a need to create an economic development platform, one which conforms to the common interests of human civilization.

“In this sense, the New Silk Road is the most important initiative for peace initiative in the world,” she said.

[Zepp-]LaRouche also appeals to people to thoroughly abandon the stale and rotten notion that some countries are forever condemned to be subject to poverty, while others are always going to be wealthy and prosperous, and to create a new world order where the peoples of all nations are able to achieve a dignified existence. “I think the new Silk Road is exactly what is needed to help people reach that goal,” she said.

Translated from Chinese by Bill Jones



EIRNS/Christopher Lewis

Helga Zepp-LaRouche's interview in Xinhua and other Chinese media on her concept of the New Silk Road is now circulating widely in China. Here, Zepp-LaRouche in an earlier interview with Xinhua, last May.

LAROUCHEPAC WEBCAST

Bring the Promethean Principle Into Play

The LaRouchePAC Friday night webcast from larouhepac.com on Aug. 22, excerpted here, was hosted by Matthew Ogden; joining him in the studio were Lyndon LaRouche, and Benjamin Deniston from the LaRouchePAC scientific research team.

Destroy the ‘Islamic State’

Matthew Ogden: ... We’re going to proceed as we customarily do by beginning with a question from institutional layers in and around Washington, D.C.: “Mr. LaRouche, Islamic State, or so-called IS militants, currently control large swathes of territory in Syria and Iraq. The United States has carried out airstrikes in Iraq since the 8th of August. Gen. Martin Dempsey, the Chairman of the Joint Chiefs of Staff, said that IS was ‘an organization that has an apocalyptic end-of-days strategic vision,’ which will eventually have to be defeated. Speaking at a news conference on Thursday, Secretary of Defense Chuck Hagel also described IS as an imminent threat. What is your view of the IS organization, and do you share Secretary Hagel’s and General Dempsey’s view that IS is an imminent threat and has to be defeated? If so, how do you defeat the Islamic State?”

Lyndon LaRouche: I am very happy to answer this question, because that’s really very important. First of all, this organization should never have existed. It is simply a systematic murder machine, and therefore there’s no reason for it. General Dempsey was on the

case; I was fully on the case, as far as I was concerned, right then. Because we have to crush it; we cannot create monsters of that nature and hope to use those monsters as means of settling issues. Throw these guys out! Get rid of them immediately.

We have the means to do so. For example, Mexico, South America—this is “our” territory. It doesn’t belong to Wall Street—they hate Wall Street. These are the people who are fighting, throughout South America. We have our great allies in Asia—China, the biggest nation and the greatest power on this planet right now. That’s one of our friends, and they’re going to do a good job for us, because they’re actually pioneers in what’s possible for mankind in terms of nearby space. So, these are the things that count for mankind’s benefit, humanity’s benefit. These things must be championed, and General Dempsey is right. He’s right, and he needs every bit of backing he can get. It’s a simple way of saying it, but the fruits of it will prove the case.

Remove Boehner from Office!

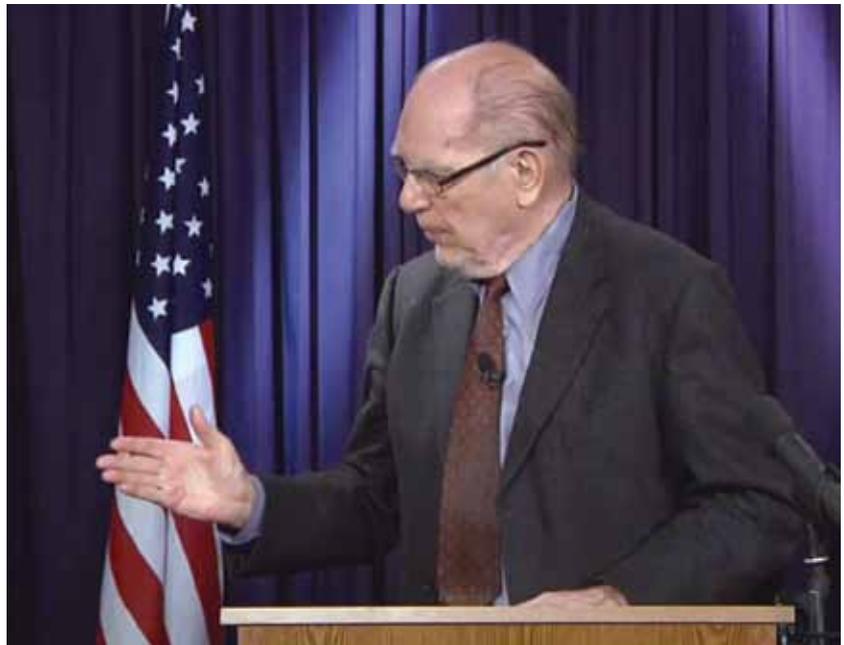
Ogden: My next question is on the subject of the removal of House Speaker John “Boner.” Earlier this week, Mr. LaRouche issued a call for the immediate removal from office of House Speaker John “Boner.” You stated that Boehner’s role in Washington has been to run cover for Barack Obama; giving him the green light to bomb Iraq without coming to Congress, as is mandated in the Constitution, as well as doing every-

thing he can to block the momentum for Obama's impeachment. Mr. LaRouche said, "The reality is that the collapse of nutrition and collapse of health care in the United States is a form of outright genocide. Without a clear program to meet the demands of the American people, we are headed for a far worse genocide. That is a crime for which Obama and Boehner are both guilty and must be immediately removed from office."

We were just informed today that a petition is circulating on the Internet titled, "Remove John Boehner," which reads as follows: "We, the people, would like to respectfully request that you remove John Boehner, Republican from Ohio's 8th District, from the office of Speaker of the House, due to his inability to perform the duties required of him by his constituents. We understand that Mr. Boehner is a very nice person, and that is exactly why we make this request. We need a leader, not a friend. We would like to request that the Honorable Trey Gowdy, Republican, South Carolina 4th District, be sworn in as Speaker of the House of Representatives." Gowdy, incidentally, is the chairman of the Special Select Committee on Benghazi.

We also found out today, that there is a national bipartisan coalition of organizations that are launching a "National Impeach Obama" week, beginning Aug. 23. It is calling on citizens around the country to stage demonstrations, go to their local government, go to their local courthouse, go to their local highway overpass, launch a letter-writing campaign and so forth. So, this is part of an increasing pile-on effect on both Boehner and Obama. This should be seen as a direct response to your call earlier this week for the ouster of Boehner. It just needs to be escalated very rapidly. So, I'd like you to make some remarks on this.

LaRouche: All right. Something more important than that is needed. We have to understand that the productive powers of labor are the issue which we depend upon. Therefore, our commitment to the productive powers of labor as such is the standard. Now, Boner, Burner, whatever, Bunsen Burner or whatever, is a joke; he is a bad joke. That's the best thing you can say about him, but that's about as far as you want to go. The point



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Lyndon LaRouche: "We must discover the universe, as Prometheus would have done. All you have to do is bring Prometheus into play."

is that we have to realize that we have a lot of jokers in the Congress. Boner's just one of them. These jokers must be sieved out, because they're not productive. They don't do anything that is productive. They don't act in a single way.

The Productive Powers of Labor

Look, what's the condition of most of our people here in the United States? They're poor, and hopelessly poor. So how are we going to supply them with the alternative that they need, which is productivity? That's the issue, and therefore, when somebody says, "We'll give you a nice little job. We'll give you an opportunity to earn an income cheaply," that's crap! What you have to do is, you have to raise the standard of productivity of these citizens. And you have to do it for every citizen. You have to have an intention of providing for the members of our body; to have an intention to do that. To actually increase the productive powers of labor.

In other words, this is not "work"; this is not filling something up. This is a policy of, "If it ain't worth doing, don't do it. If it's necessary to do, do it!" No more of this crap about we're going to give you work opportunities, we're going to give you job opportunities. That's crap! Cut it out! . . .

Now, you know, my wife Helga is travelling throughout Asia—or radiating throughout Asia now, or



Official Photo/Heather Reed

Speaker of the House John Boehner is running cover for President Obama, blocking the momentum for impeachment. LaRouche has called for his removal from the post.

will be soon. And what we're doing is, we're trying to create a new conception of mankind, as a process. She's focused on this question of this process, her process. And that's going to work. That's the basis for the new system of science, the new system of ability. She's plunged herself into that thing in a big way. But the important thing about us, is that *our people, our members* are precious to me. Because what they can do—and they've shown it to me before—and I've seen them when they have not shown it, because they were intimidated by other processes and they didn't do what I know they're capable of doing. My concern is to get them back fully in function at what they are capable of doing. These young people—relative to me anyway they're young people—these young people are the essential root of the future of mankind inside the United States. That's my position, and that's what I will protect. And I do not allow anybody cheapening our members. Our members are too important, because they have capabilities which are too rare to be lost.

Bill Clinton's Potential Role

Ogden: Let me ask you a question which I think is very important for our viewers, and it's very relevant for an initiative that you launched this week. You have a 40-year record on leading the fight internationally for a new international economic order for mankind. This stretches all the way back to your call in 1975 for an

International Development Bank, which was picked up directly by the Non-Aligned Movement at their summit in Sri Lanka in 1976, consisting of 88 nations representing 2 billion people. And they issued a declaration calling for a new international economic order, and also the creation of what they called a bank for the developing nations. This was echoed later that year by the Foreign Minister of Guyana, Frederick Wills, who spoke at the United Nations and called explicitly for the creation of an International Development Bank, as well as saying the time has come for a debt moratorium for the developing world. That history proceeded, a few years later, to your work with José López Portillo, the President of Mexico, when you crafted Operation Juárez, which defined an entirely new economic order for the Western Hemisphere. And of course, this coincided directly with your work with President Reagan to draft the proposal for the SDI.

More recently, you worked in conjunction with another President, Bill Clinton. And you proposed the convening of a New Bretton Woods conference to reorganize the world financial system, which specifically was intersecting your work at that time with the political and scientific leadership of Russia, whom you travelled to Russia several times during the 1990s to meet with.

After the Russian bond crisis, President Clinton responded to the work that you had done, and issued a call for the creation of a new financial architecture, at a speech he made in New York City—incidentally, immediately after himself returning from a trip to Russia. And he stressed that the future of the United States depends upon the future of the developing world, and that in the face of what, at that time, was the biggest financial crisis facing the world in over 50 years, he said the time had come to create “a new financial architecture for the 21st Century.”

After the Russian bond crisis, President Clinton responded to the work that you had done, and issued a call for the creation of a new financial architecture, at a speech he made in New York City—incidentally, immediately after himself returning from a trip to Russia. And he stressed that the future of the United States depends upon the future of the developing world, and that in the face of what, at that time, was the biggest financial crisis facing the world in over 50 years, he said the time had come to create “a new financial architecture for the 21st Century.”

Now, fast forward to today. We've reached a point at which, as we've documented, half of humanity has now picked up on the work that Mr. LaRouche has done over 40 years, and has declared that they have created a new economic order as fact, with the new [BRICS] develop-



Department of Labor

Former President Bill Clinton, said LaRouche, “is probably the most talented and most capable and most important person in the whole situation today.”

ment bank being led by Russia, China, India, along with other nations now joining in, including Argentina and Egypt. Meanwhile, however, we have Barack Obama carrying out the Queen’s orders to push us into world war against these countries; against Russia; against China. Now, this week, you called on former President Bill Clinton to step in and exert a Presidential leadership role in his capacity as the only living former President qualified to lead the United States, and capable of mobilizing the United States population as a Presidential figure. My question is, now that most of the world *is acting* to initiate your idea for a new financial architecture of the type that Clinton invoked during his Presidency, what do you have to say about Clinton’s necessary role at this time in bringing the United States fully into this dynamic and liberating itself from the self-imposed death sentence now being dictated to us by the British Empire?

LaRouche: Well, these are sometimes called sensitive matters. And they are very important; extremely important. But the way they work is not explained in simple terms. For example, with all the things I did with Bill—and I did a lot with Bill at various points; we were actually working together, despite his Vice President and other kinds of things that were going on at the same time. But the point was, we were never working actually for me to make him a President, or as a President. My point was to take what his intention was and to use

that intention for good. No one can draw conclusions from that emphasis on their own. I have never done that. I have done some things, which I knew were absolutely necessary. But I never have assumed that I was going to do this and cause this. I’ve done some things that were very important—the SDI was very important.

What you have to do, is you have to put yourself into a *commitment to produce what is necessary for the sake of mankind*. And, wherever that steers you, that’s where you’ve got to go. Now, most people don’t understand that. They have to learn. And, I would hope that perhaps we can, in this form, help some people to understand, that it’s not given to them, to make a God-like decision, to say that the creation of a new President, is our work, is our devotion.

Bill—what do I think of him? Well, I know Bill, at least functionally, very well.

He’s probably the most talented and most capable and most important person in the whole situation to date, right now. Bill Clinton is probably the most important living person in the United States today. This is not because of some achievement, some gimmick. (His wife had a failure in her behavior, when she pulled a swindle in Germany, and tried to pull a swindle against him. That’s not my business, I’m not concerned with that. I know about it.) But, I do know that he has the characteristics, that if he brings them to the fore, he can provide a kind of leadership, which can contribute to what we, the people of the United States, require most urgently, now.

I’m not proposing him to be President, I’m not making any such proposal. I’m simply saying, I know Bill Clinton, and I know what he represents. And, I can tell you also, I don’t know of anybody else, who I would be comfortable in supporting.

A ‘New Conception’ of Mankind

Ogden: Today, the Voice of Russia published an interview that they did with you Wednesday, under the title “Lyndon LaRouche: The Danger I See Is Chaos,” published on the website of RIA Novosti. . . . This coincided with an interview with your wife, Helga Zepp-LaRouche, who, as you mentioned, was interviewed by Xinhua. [See texts of these interviews, in *International*.] . . .

What I found very provocative, is that you were asked by the interviewer, whether this new system implies a fundamental change in ideology. And you said, “Absolutely. It requires a new conception of mankind.” And you said, “The point is, that mankind needs that kind of change, and I think, we’re ready for it.” I want you to elaborate: What is this “new system of government” that you’re referring to going to look like? And what is this “new conception of mankind” that you indicated has to provide the foundation?



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Drought in Nevada: the Lake Mead National Recreation Area. Deniston points out that there are many options available to deal with the water crisis.

LaRouche: The problem, generally, as most of you can reconstruct, is the assumption that things are deductive, that the deductive process is the process of reason. It is not! Deduction is not reason. Deduction is a loss of reason. That’s what it amounts to, in effect.

Let’s take the case of animals, in the history of [the biosphere, presented by V.I.] Vernadsky. They were not human beings; they were animals. But, the treatment of the animals had a significance for Vernadsky. Because he had a deep insight to understanding that, just like the question of Kepler’s discovery of the principle of the universe—he was the first to successfully define a principle of the universe. And, therefore, it’s those kinds of discoveries, which lead to those kinds of results, and which deal with the question of animals, humans, etc.—all these kinds of things together. The question is, *mankind’s function is to create a new mankind, as a true mankind.*

If people really understood Vernadsky ... and, his insight, to the degree that I know it—and my knowledge is not perfect, but to the degree that I know it, this is what’s important. Each of us, as human beings, insofar as we *are* human beings, has the ability within us, if we have the muster to do it, to create a new condition in the universe, beyond anything that man has known heretofore. And that’s our mission. Our mission is to

discover what we never knew before, to create what we never knew before, and to rejoice in doing it.

The Water Crisis

Benjamin Deniston: To get back to what you just put on the table with Vernadsky, I want to pose it from the specific context of the water crisis, which is an issue we have been following very closely. The situation in the Western United States has been getting worse, week to week to week, in terms of the drought, the effects on food, etc., and I really would like to get your views on the record here, on what needs to be done in this crisis, but also how you see the crisis now, from the standpoint of all the dramatic changes we’re discussing—China’s new orientation, the BRICS new orientation, this whole shift in global developments.

But just to go through some of what’s happened, some of our organizers in California have picked up that over the past month there’s been a real shift in the media coverage. There was an attempt to kind of downplay the crisis for a while, but it’s really broken out into the open. And you’re getting headlines like “Doomsday Trigger for Mega-Drought in California,” “California’s Drought Just Got Absolutely Terrifying,” and another headline, which is, I think, indicative of the issue we’re facing: “California Drought: We May Have To Migrate

People.” And in this article it states, “If the state of California continues on this path, there may have to be thoughts about moving people out of the state.” This was said by Lynn Wilson, a career academic chair at Kaplan University [in Davenport, Iowa], and who also serves on the climate change delegation to the United Nations. She said, “Civilizations in the past have had to migrate out of areas of drought. We might have to migrate people out of California.” So that’s the kind of discussion that’s going on under the framework, the mentality, of this old system. Let me get back to that in a second.

The *Washington Post*, a week ago, had a article saying, “The West’s Historic Drought Stokes Fears of a Water Crisis,” and they emphasize this isn’t just in California: “The parched zone now spans a dozen states in the West, nearly 600 counties, ranging from southern Texas to the northern Rockies. And this includes fields and grazing land which produce one-third of the entire country’s beef cattle and half of its fruit, vegetables, and winter wheat.”

Back to California in particular, there’s been a new study just released by the University of California at Davis, which has now concluded that this is the greatest water loss ever seen in California agriculture, and they’ve estimated that this year, there’s going to be 6.3 cubic km of water withdrawn from the groundwater supplies. That’s the equivalent of a decent-size river being withdrawn from the ground, a dramatic acceleration in the rate of the depletion of groundwater. A lot of time could be spent going through many details and aspects of the crisis.

Two weeks ago, we discussed the situation in the Colorado River Basin, also a worsening situation, with a dramatic depletion of groundwater and a lowering of the flow of the Colorado River itself, which is a major danger.

But when we’re dealing with water, we’re not talking about a finite resource here. We’re not talking about something we’re going to use up and it’s not going to exist any more—water’s everywhere. It’s in the sky. A lot of the planet’s covered in water, pretty much most of it. So it’s an issue of dealing with cycles and managing cycles and creating cycles of water supplies.

And what we’re seeing in the West, is the fact that the required rate of activity, the required rate of water cycling provided by the natural conditions of the desert is not enough to meet the needs of mankind, and I think, coming back to what you just stated about Vernadsky,

and Vernadsky’s conception about mankind’s role as a creative force on the planet, I think this is a very clear illustration of that point: that mankind has before him the potential to improve, augment, and even create his own water cycles.

We’ve discussed this a lot. There are all kinds of options available—for river diversion projects, for large-scale desalination systems, for weather modification systems to begin to actually influence and control atmospheric moisture flows, and also a lot of short-term emergency measures that can be taken. These are all part of a broad approach to handling the crisis, but handling the crisis by mankind, taking an active role, becoming a conscious force for the creative development and improvement of the conditions of the planet—the conditions of the West and more broadly.

So my question is, we have all these technologies available, we have these policy options available, they’ve been available. But it seems like the more fundamental issue is what you’ve just addressed in the last question, which is really, what is society’s image of mankind’s position and mission on the planet? And so, I’d like you to address the water crisis from that standpoint.

LaRouche: Well, the water crisis is really a misnomer, because, while on the one hand, it is true, it’s a disaster, that’s not the point. The point is, we rely upon our ability to use certain media in order to benefit mankind. But, these media as such, are not things that simply flow from you.

The case of helium-3 right now is a good example of what this problem is. Helium-3 is really complex problem, a *very* complex problem. In some ways it’s not complex, but it’s also complex. What it means is, we’re dealing with our friend Kepler, who founded this whole system, the first one to successfully do so—that mankind has powers, at will, to create a change in the Solar System. This *is* a modification of the Solar System, *made by the will of mankind*. And our challenge is *to achieve the ability to do that*, and that’s what it’s all about.

The rest of it is all what we can wish, we wish this, we wish that, we hope for that. But that doesn’t do the job!

Kepler is much better on this than others are. That Kepler understood that there were forms of action in the universe, beyond the powers of mankind as mankind usually thinks of them, and *that* is what’s important. Our job is to make discoveries of the *principles* of sci-



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Bolivian Vice President Alvaro García Linera: “Nuclear energy is the fire of the 20th and 21st centuries,” and Bolivia “cannot remain on the periphery, and we are not going to remain on the periphery.”

ence, the true principles of science, to make those discoveries, and *to apply* those discoveries, to making possible, what otherwise seems impossible. And that’s the challenge.

Bolivia’s ‘Promethean’ Challenge

Deniston: Lyn, on this theme, I would like to get your comments on some recent remarks of the Vice President of Bolivia [Alvaro García Linera].

Just to set up the context for his remarks: You’ve been stressing that China is taking the lead in developing high energy-flux density, setting the standard for the world today, for mankind. And that any nation that wants to survive has to go by China’s lead on this issue. And this was very clearly reflected in the remarks of the Vice President of Bolivia, which he made yesterday, where he explicitly invoked the concept of Prometheus.

LaRouche: Why not?

Deniston: And Prometheus’ fire, in announcing Bolivia’s decision to go further ahead with nuclear power. And this comes in the context of meetings between Putin and President [Evo Morales] of Bolivia on the sidelines of the BRICS summit recently, and also a meeting with President [Xi Jinping] of China recently.

Vice President García Linera of Bolivia had the following to say yesterday: “Nuclear energy is the fire of the 20th and 21st centuries. It is the fire which our ancestors had 20,000 years ago, which allowed them to

make philosophy, technical science, culture, agriculture. Knowledge of the atom, its regularities, its use, its functioning, is the touchstone of the 20th and 21st centuries, the fundamental core of new knowledge and new technologies, new theories and new means of production. . . .

“Bolivia cannot remain on the periphery, if this is the case, if knowledge of the atom . . . is the sacred fire of the 20th and 21st centuries, as fire was for the pre-agricultural civilizations of 20,000 years ago. Today, a society which is respected—and we respect ourselves—cannot remain on the periphery, and we are not going to remain on the periphery. . . .

“Let us break the mental and colonial chains; break them! Let us dare to leave the cave, as our ancestors did 20,000 years ago. Let us dare to assume our responsibility before the world, before our history and

our society. Knowledge of nuclear energy is knowledge of the ABCs of nature. . . .

“[We have] the technical, scientific, and moral obligation to take responsibility for the knowledge, use, understanding, and beneficial development of this fundamental force of nature.

“It doesn’t matter how long it takes us. We are going to do it, because we are convinced that that is how we cement the conditions for the technological development of Bolivians for the next 400 to 500 years.”

So, in line with your previous remarks, I would like your thoughts on that.

LaRouche: Okay, very simply stated, there is the history of Prometheus, and Prometheus was an actual person. What form he was as an actual person, we’re not always quite sure, but the point was, that *is* the case. All right, *Prometheus is the principle*, and that’s the way to look at it: Prometheus is the expression of *Prometheus*, the expression of it. And that’s what the difference is between mankind and everything else in the universe.

Strategic Shift in Egypt

Ogden: This question is on Egypt. I know you’ve put a premium on what we’ve seen coming out of Egypt [see last week’s *EIR*—ed.]. These are very exciting developments, where Egypt is now aggressively joining the new economic order which is emerging under the

leadership of the BRICS. The newly elected President of Egypt, Abdel Fattah al-Sisi, who is putting himself in the tradition of the great Egyptian leader [Gamal Abdel] Nasser, who was one of the founders of the Non-Aligned Movement—al-Sisi has committed himself to a very aggressive program for massive development projects in Egypt, including the construction of the New Suez Canal, and a great irrigation program to green the Sahara Desert. Egypt is also going through a strategic reorientation towards Russia and China.

Now, al-Sisi also came out in solidarity with Argentina's fight against the vulture funds; he wrote a letter to [President] Cristina Fernández de Kirchner last week, where he said, "We assure you of our full support for your tireless efforts to achieve the well-being of the friend Argentine people. I wish to attest to the firmness and strength of the ties that unite our brother peoples, and the pride that we feel in the history of our common struggle, since the establishment of diplomatic relations between our nations in 1947, in pursuit of freedom and independence."

Now, the program which al-Sisi has adopted domestically recalls the history of Nasser, who nationalized the original Suez Canal, and also built the great Aswan Dam. What al-Sisi announced is that he was launching a project to double the capacity of the Suez Canal, which is very significant for China, because China depends on this current canal as its primary maritime link to the Atlantic, and is the largest user of the current canal. And literally within hours of al-Sisi's speech, hundreds of bulldozers and thousands of workers were onsite, moving the earth, preparing the ground for construction. As of now, already, 13.6 million cubic meters of dirt have been removed from the area. This project's also going to include new roads, new railroads, tunnels underneath the canal so you can get from one side to the other, and it's going to have 200 km development zones on either side of the canal. And although the original plan for the first phase was that it would take three years to build, al-Sisi has mandated that it's going to be shortened to one year. So, this is really an aggressive pursuit!

The financing for the project is very interesting. It's



Egyptian President Abdel Fattah al-Sisi has launched an aggressive development program for Egypt, including a New Suez Canal and greening of the Sahara Desert.

going to be provided by the issuance of debt certificates, which the public, but only Egyptian citizens, can buy, and which will be issued through Egyptian banks. And only Egyptian companies will be involved in the construction.

So this is clearly indicative of a new paradigm which is sweeping the planet, but I also think it very much corresponds to a lot of your personal history and involvement in this region, going way back. So I want to ask you, what do you see as the significance of this shift coming out of Egypt, and also how do you see this in terms of the potential for both this Middle East/North African region, specifically, but also for the entire world?

LaRouche: Okay! Well, frankly, I believe in creativity! Essentially, that's it; that's what it's all about. That's it! That is what makes mankind, mankind, *is creativity!*...

Now, the question is, we are dealing with a universe *which is intrinsically itself creative*. And when we loop into an understanding of what this is, that is in our paws, so to speak, and we recognize that *that's* our solution, that's what we mean by what's going on in China right now. That's what it means. It means that we know that mankind has a power of *creativity, human creativity*, which is not found anywhere else, to the best of our knowledge, on this planet. And therefore, our business

is to specialize in becoming discoverers of these kinds of things. *We must discover the universe, as Prometheus would have done.* And that's the way to look at it. All you have to do is bring Prometheus into play....

The Creative Spark in China

Deniston: I would very much like to have you address how you see creativity expressed in what China's doing, in particular, you've had some unique remarks on the significance of China's activity, and you said to a few of us earlier in the week: "What China is doing right now is a miracle! It's a miracle for which there is no comparable expression on this planet otherwise. It's unique. China has developed within itself a quality which no other people on this planet has yet been able to assimilate. How do you think the genius of the space program came about, in these terms? It came about because of a quality of thinking, a quality of insight, an imagination beyond anything that had occurred earlier, among the people of China earlier...."

There was more to be said, but I just want to leave it at that. It's not just that China's building a lot of things; that's good that they're doing that. But you're pointing

more toward an awakening of a spirit within China, that's more the substance of what you see as the most important thing going on there, and I'd like a chance for you to address that.

LaRouche: Well, the problem here is that people want explanations of everything. And the problem is that what we have to know, what Prometheus knew—the actual Prometheus knew—is not something that you can jimmy up. This is a quality *in* mankind, which resides in mankind as a capability. And when mankind is able to develop that capability, mankind is then gifted, to rise to a point beyond what is known as space and time. And that's the matter.

So therefore, the desire of mankind, of any person who's really a thoughtful person, is to *create a new way of thinking about the universe*, as Kepler did, in his own way, in his own time. And that's what the problem is. You have to have an open mind, which recognizes that there are powers given to the human mind, which go beyond anything that you can describe otherwise. And those powers, if used properly, are the solution, for the meaning of the existence of the human species. And that's the way to put it.

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Bankers' Lobby Again Blocks Resolutions for Recovery

Aug. 23—Despite unprecedentedly broad support for the re-enactment of FDR's Glass-Steagall legislation, and a growing realization internationally that the trans-Atlantic system is on the edge of a blowout more serious than that of 2007-08, the Wall Street-controlled banking lobby once again succeeded in killing a resolution for Glass-Steagall at this year's Legislative Summit of the National Conference of State Legislatures (NCSL). The summit was held in Minneapolis Aug. 19-22.

Two legislators, State Rep. Andrea Boland (D-Me.) and State Sen. Perry Clark (D-Ky.), had introduced resolutions for the NCSL to call upon Congress to reinstate Glass-Steagall, and, in Clark's resolution, to go on from there to implement the four-part program which has been presented by economist Lyndon LaRouche (see *Documentation*). Both resolutions had been accepted and put on the agenda prior to the meeting.

Through a behind-the-scenes maneuver, Clark's resolution for "Returning the United States to a Constitutional Credit System in Order To Accomplish an Actual Economic Recovery" was ruled out of order, and thus never came up for discussion in the committees where it had been scheduled. A similar effort to rule the Glass-Steagall resolution out of order when it came up in the Communications, Financial Services, and Interstate Commerce Committee failed, but in the face of banker intimidation, the resolution went down to defeat on Aug. 19.

Attempt To Marginalize the Issue

On Aug. 21, LaRouchePAC's Bill Roberts interviewed Boland

on her fight for the Glass-Steagall resolution. He began by asking her about the response from the legislators to her initial presentation, which explained the need for Glass-Steagall and the mass support for it, including a petition that has been signed by some 600,000 Americans, and 162 constituency organizations, calling for its re-enactment. She responded:

"From the leadership of that committee, the Communications, Financial Services, and Interstate Commerce Committee, there was a very strong description of the bill, even opening up the discussion, as 'something that we've heard before'—being quite dismissive of it, just by virtue of the fact that it had been brought up last year. They were trying to marginalize this subject, and that was really all they said to marginalize it: 'We've seen this before, and we didn't get passage last year.' As if there were no point in bringing it up."



Bill Roberts of LaRouchePAC interviews State Rep. Andrea Boland (D-Me.), at the meeting of the NCSL in Minneapolis on Aug. 21. Commenting on how the bankers effectively arm-twisted legislators not to pass her resolution, Roberts said, "The important thing is that now the Congress has to hear from the people."

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Roberts responded: “It’s not as though this is some sort of arcane topic or something that you just picked up yesterday.”

Boland replied: “It’s been presented as a resolution in, I think, 26 or 27 states, and Maine is one where it was passed unanimously in the House and Senate. And what it does is to just separate the investment and the commercial banks, meaning that the commercial banks where people go for their mortgages and savings, and where businesses go to get loans to expand—and those deposits are protected by the FDIC—this has always been considered a *conservative* place to be, a *safe* place for your money. And the two types of banks were brought together, with the loss of Glass-Steagall over the years, and the termination of it in 1999.

“The removal of the barrier between that kind of banking, and banking that could invest in highly speculative derivatives that have virtually little value, except the hope of the person that is buying the paper, has made everything more fragile; it has made the deposits in these local banks less safe, and the community less safe. Because the investment banks are taking advantage of the FDIC’s basic insurance of funds that were always thought to be just in these commercial banks, just keeping them safe, just guaranteeing regular people and regular businesses real investment in real things. But now extending that protection to speculative investments like derivatives and mortgage-backed securities.

“And I might say, coincidentally, this morning’s news announced that Bank of America has just agreed to pay \$17 billion in fees, due to their fraudulent handling and dealing in such derivatives.”

Distortion of the Democratic Process

Boland reported that the attempt to prevent discussion and a vote on her resolution failed. The ensuing debate was characterized by hysterical attacks on her and on Lyndon LaRouche, the latter, widely understood as the prime political force behind the movement for Glass-Steagall. Boland stood her ground, and insisted upon the necessity for reinstatement, buttressing her argument with relevant facts about the disastrous state of the banking system today. Nonetheless, the vote was overwhelmingly against the resolution.

Roberts commented that because of the heavy-handed influence of the bank lobbyists, the broad support for Glass-Steagall was not reflected in the vote. She replied:

“Oh, no, not at all! It really made me lose a lot of confidence in and respect for the NCSL, to tell you the truth. It appears that now it has become more of a place where the top priority is to satisfy the major donors. And there’s nothing like big banks for major donors.

“I’ve experienced it in another aspect of the activities here also, where they try very hard to block discussion of serious issues and not let people feel comfortable engaging in a free-flowing, democratic type of conversation. I could sit at the table, and maybe there were 50 people there, and look around the table and see people that I *knew* were supportive of returning to a Glass-Steagall kind of policy. And they sat silent, rather than speaking up. That’s the kind of behavior that comes from intimidation, whether it be by banks or just these puffed-up chairs of the committees, saying ‘how absurd!’ And people don’t want to look like they’re absurd.

“And I saw some of the material that the banks sent out. The Association of Virginia Bankers had quite a strong letter to their people, saying basically, this bill is no good.

“A distortion of the democratic process is what really took place here.”

It’s Time Congress Heard from the People

In his concluding remarks, Roberts emphasized that the bankers’ power is now much diminished, in the face of the moves toward a new global financial architecture by the BRICS countries, and that the U.S. population has to act on the knowledge that the bankers are bluffing. “The important thing is that now the Congress has to hear from the people,” he said.

Boland concurred, noting that she told the Committee that the so-called prosperity of the banks is coming from their having been propped up by the Fed for years. “They are just feeding off the public and sucking the economy dry,” she said, and “I think the average person on the street understands that.”

Now, it’s time for that “average person” to act.

The Glass-Steagall resolutions in Congress command support from 11% of the Senate, and almost 20% of the House of Representatives. The idea that passage is “not practical” is thus more than absurd; it depends entirely on the fact that the Democratic and Republican Congressional leaderships are also kowtowing to Wall Street, refusing even to schedule hearings on the subject.

Those leaderships, however, can be changed.

Resolutions Submitted to NCSL Minneapolis Meeting

I. Glass-Steagall

Interstate Commerce Committee

Policy: Resolution to urge the Congress and the President of the United States to enact legislation currently before the Congress, that would reinstate the separation of commercial and investment banking functions previously in effect under the Glass-Steagall Act.

Whereas, from 1933-1999, the Federal Banking Act of 1933, known as the Glass-Steagall Act, protected the public interest in matters dealing with the regulation of commercial and investment banking; and

Whereas, the Glass-Steagall Act was repealed in 1999, contributing to the greatest speculative bubble and worldwide economic distress since the Great Depression of 1933; and

Whereas, the impact on the states has been intense and growing, as the loss of revenue due to unemployment and U.S. Federal Government cuts and sequester provisions, and increased demands on state budgets for compensatory payments, have put severe financial strains on states, counties, and cities; and

Whereas, the Federal Reserve has issued several trillion dollars in cash to the Wall Street banks to buy their devalued derivatives securities, and the banks have used this money to increase their speculation in similar derivatives; and this bailout has ironically resulted in a net decrease in real lending to businesses, state and city projects, only now approaching levels of 7 years ago; and

Whereas, state resolutions urging the U.S. Congress to re-enact the Glass-Steagall banking law have been introduced in 27 states, and have passed by large majorities in four; and on June 16th, 2014, 162 organizations representing millions of Americans sent letters to the U.S. Senate urging adoption of the 21st Century Glass-Steagall Act (S. 1282); and on July 9, 2014, a group of six institutions, including Public Citizen and Americans for Financial Reform, delivered petitions with almost 600,000 signatures to the Senate requesting the same action; and

Whereas, A bill to restore the Glass-Steagall framework, H.R. 129, has been introduced into the U.S.

House of Representatives by Congresswoman Marcy Kaptur and currently has 81 bipartisan co-sponsors; and a similar bipartisan bill, the 21st Century Glass-Steagall Act, has been introduced into the Senate, S. 1282, by Sens. Warren, McCain, King and Cantwell with 6 other co-sponsors; and a companion bipartisan bill in the House, HR 3711, introduced by Reps. Tierney and Jones, has 11 other co-sponsors;

NOW, THEREFORE: BE IT RESOLVED that the National Conference of State Legislatures urges Congress to enact the Glass-Steagall legislation currently before the Congress, that reinstates the separation of commercial and investment banking functions, prohibiting commercial banks and bank holding companies from investing in stocks, underwriting securities or investing in or acting as guarantors to derivatives transactions; and

BE IT FURTHER RESOLVED that a copy of this resolution be sent to the President of the United States, to presiding officers of each house of Congress, and to each member of Congress.

II. Four Laws

Committees: Communications, Financial Services and Interstate Commerce

Natural Resources and Infrastructure

Policy: Returning the United States to a constitutional credit system in order to accomplish an actual economic recovery

Type: Resolution

Whereas, the indebtedness of the global financial system has increased since 2008, with 2014 derivative holdings increasing to \$1.9 quadrillion, creating the conditions for a financial breakdown far worse than the 2008 crash, it is urgent and necessary that Glass-Steagall be passed and implemented immediately; and

Whereas, a New Development Bank was just established by the BRICS conference of Brazil, Russia, India, China and South Africa, to capitalize great projects such as canals, high speed rail corridors, and nuclear power plants, in nations from South America, Asia, and Africa; and

Whereas, this approach to economic growth and scientific progress originated with the U.S. Constitutional credit system designed by Americas founders, including Alexander Hamilton and Ben Franklin; and

Whereas, an American economic recovery will require a return to the U.S. Constitutional provisions for national banking and federal credit under the authority of the U.S. Treasury Secretary, as done under the Ad-

ministrations of George Washington and John Quincy Adams, and Abraham Lincoln's "Greenbacks"; and

Whereas, under these Constitutional provisions, national credit will be made available for creation of productive jobs, restoring the dignity of our workforce, and restoring full funding to high-technology investments, fusion power research and a science-driver program for the economy; and

Whereas, overcoming the deficits of the past lost decades while preparing humanity for the challenges of the future on earth and in the Solar system are essential for our nation's future;

NOW THEREFORE BE IT RESOLVED THAT the National Conference of State Legislatures hereby calls upon the Congress of the United States to initiate the following four part program, to remedy the current crisis and launch a dramatic and durable economic recovery:

1. Re-enact Franklin Roosevelt's Glass-Steagall protections, including the bills now before the Congress (HR 129, S 1282), to eliminate the worthless assets on the books of the major US banks, which are dragging the economy into imminent evaporation;

2. Return to a national banking-and-credit system, modeled on the principles of the Alexander Hamilton Bank of the United States, the Reconstruction Finance

Corporation of Franklin Roosevelt, and the Greenback program of Abraham Lincoln. This approach restores to the Treasury Department its rightful Constitutional role as the generator of direct federal credit to urgently needed infrastructure and industrial and farm programs;

3. Use the Federal credit-system, to generate high-productivity trends in improvements of employment, with the accompanying intention, to increase the physical-economic productivity, and the standard of living of the persons and households of the United States. This will include the launching of a reconstruction of our water, power, transportation and all categories of infrastructure, including the deployment of nuclear power and high speed rail, as is being implemented throughout Asia, and now South America.

4. Launch a crash program to finally bring nuclear fusion on line; this technology has been languishing for lack of funding, but is the immediate driver for a solution to the need for cheap, limitless power, and the source of whole new categories of raw and man-made materials.

BE IT FURTHER RESOLVED THAT a copy of this resolution be sent to the President of the United States, to the presiding officers of each house of the Congress, and to each member of Congress.

REVIVE GLASS-STEAGALL NOW!



"The point is, we need Glass-Steagall immediately. We need it because that's our only insurance to save the nation... Get Glass-Steagall in, and we can work our way to solve the other things that need to be cleaned up. If we don't get Glass-Steagall in first, we're in a mess!"

—Lyndon LaRouche, Feb. 11, 2013



LaRouchePAC is now leading a nationwide effort to push through legislation for Glass-Steagall (www.larouchepac.com).

WATCH the [LaRouchePAC video](#):

'Glass-Steagall: Signing a Revolution'

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Call for Independent MH17 Investigation

Aug. 22—A petition is circulating, calling for an independent investigation into the downing of Malaysia Airlines flight MH17 over eastern Ukraine on July 17.

The lead signer of the petition is Douglas Roche, a former chair of the United Nations Disarmament Committee. Others among those who have already signed include Ray McGovern, co-founder of Veteran Intelligence Professionals for Sanity; Prof. Francis Boyle of the University of Illinois College of Law; and whistleblower William Binney, former Technical Director, World Geopolitical and Military Analysis of the NSA.

The petition is available for signing at <http://www.globalresearch.ca/demand-swells-for-straight-answers-on-the-downing-of-malysian-airlines-mh17-in-ukraine/5397093>.

Here are excerpts:

At this very moment in history, when so many people and nations around the world are acknowledging the 100th Anniversary of our planet's hapless stumble into World War I, great powers and their allies are ironically once again provoking new dangers where governments appear to be sleepwalking towards a restoration of old Cold War battles. A barrage of conflicting information is broadcast in the various national and nationalistic media with alternative versions of reality that provoke and stoke new enmities and rivalries across national borders.

With the U.S. and Russia in possession of over 15,000 of the world's 16,400 nuclear weapons, humanity can ill-afford to stand by and permit these conflicting views of history and opposing assessments of the facts on the ground to lead to a 21st Century military confrontation between the great powers and their allies. While sadly acknowledging the trauma suffered by the countries of Eastern Europe from years of Soviet occupation, and understanding their desire for the protection of the NATO military alliance, we the

signers of this global call to action also note that the Russian people lost 20 million people during WWII to the Nazi onslaught and are understandably wary of NATO expansion to their borders in a hostile environment. Russia has lost the protection of the 1972 Anti-Ballistic Missile Treaty, which the US abandoned in 2001, and warily observes missile bases metastasizing ever closer to its borders in new NATO member states, while the US rejects repeated Russian efforts for negotiations on a treaty to ban weapons in space, or Russia's prior application for membership in NATO.

For these reasons, we the peoples, as members of Civil Society, Non-Governmental Organizations, and global citizens, committed to peace and nuclear disarmament, demand that an independent international inquiry be commissioned to review events in Ukraine leading up to the Malaysian jet crash and of the procedures being used to review the catastrophic aftermath. The inquiry should factually determine the cause of the accident and hold responsible parties accountable to the families of the victims and the citizens of the world who fervently desire peace and a peaceful settlement of any existing conflicts. It should include a fair and balanced presentation of what led to the deterioration of U.S.-Russian relations and the new hostile and polarized posture that the U.S. and Russia with their allies find themselves in today.

The UN Security Council, with U.S. and Russian agreement, has already passed Resolution 2166 addressing the Malaysian jet crash, demanding accountability, full access to the site and a halt to military activity which has been painfully disregarded at various times since the incident. One of the provisions of SC Res 2166 notes that the Council supports efforts to establish a full, thorough, and independent international investigation into the incident in accordance with international civil aviation guidelines. . . .

We urge Russia and Ukraine as well as their allies and partners to engage in diplomacy and negotiations, not war and hostile alienating actions. The world can little afford the trillions of dollars in military spending and trillions and trillions of brain cells wasted on war when our very Earth is under stress and needs the critical attention of our best minds and thinking and the abundance of resources mindlessly diverted to war to be made available for the challenge confronting us to create a livable future for life on earth.

NEW PARADIGM FOR MANKIND

Mankind Is Now Moving to An Earth-Sun-Moon Economy

LaRouchePAC's New Paradigm for Mankind program for Aug. 20 was hosted by Megan Beets, who was joined by two additional members of the LPAC Science Team, Benjamin Deniston and Natalie Lovegren (<http://larouchepac.com/node/31586>). Beets presented a picture of developments over the past week, contrasting the rapidly unravelling trans-Atlantic financial system with the stunning emergence of a worldwide alliance for economic development, led by the BRICS and South America. She then turned the discussion over to Lovegren.

Natalie Lovegren: Thank you, Megan. I wanted to get into the issue of helium-3, and the implications of developing this fuel, as a system based on developing the Solar System itself, as opposed to what you just laid out with the bankrupt, fake Wall Street financial speculating economy, which is not a real economy. It's a system of usury and genocide.

But contrasting that, overturning that, and going to a system of economy based on real, measureable physical progress, comes with pushing the frontiers of science, but it also comes with a measurable increase in the energy potential that's available to the planet to be able to make these types of upshifts and advances.

What China has made clear about its

program to go to the Moon to mine helium-3, is that this is something that will be done for all humanity. This is going to lay a foundation for the entire planet because we'll have a virtually limitless fuel source. Helium-3 has the highest energy-flux density that we know of, when it's used as a fusion fuel, and this is going to lay the basis for a completely new system.

I want to get into the source of helium-3, and how looking at the solar wind, which is the source of the helium-3: looking at the properties, how this exists, what



LPAC-TV

The Aug. 20 edition of the New Paradigm for Mankind featured members of the LaRouche Science Team: Natalie Lovegren, Benjamin Deniston, and Megan Beets.

do we know about it, what don't we know about it, how is this going to push our development of the Solar System itself? We're going to have to understand this system as a dynamic system, and instead of thinking in terms of an Earth-based economy, even, we're going to have to look at an Earth-Sun-Moon-based economy as a foundation, to then expand out into the Solar System. And this is only natural; it's only the scientific thing to do, the wise thing to do, because we don't exist as separate, independent bodies. It is a dynamic system, it is harmonically organized, it's a very structured, complex system, that's not simply two bodies or three bodies; it's not a multiple-body problem, or a body problem at all. It's a dynamic system.

Why Does the Moon Have Helium-3?

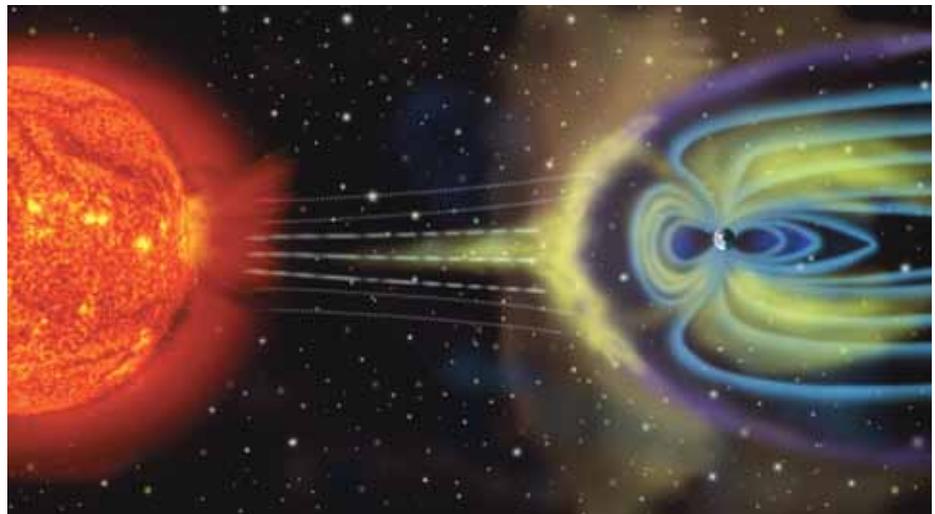
We have here the Sun emitting the solar wind (**Figure 1**); this is a depiction of a solar flare that is hitting the Earth's magnetic field. And the solar wind is a plasma, so you have a charged gas in which the electrons and the ions have separated. So, it's able to be deflected; and also, it interacts with the Earth's magnetic field.

Now, the reason that there's helium-3 on the Moon, and the reason we have it as a potential for a fusion fuel, is because the Moon does not have a magnetic field like we see here on the Earth that protects it. that would deflect this solar wind; it doesn't have a thick atmosphere, like the Earth does.

You can't see the Moon in this picture, but imagine that it's there, and it is exposed also to the solar wind and absorbs the helium-3. I wanted to go through a few examples, in the course of getting a better sense of what this dynamic Earth-Moon-Sun system is, of what we're going to uniquely be able to do on the Moon, how we're going to advance plasma physics, and therefore advance fusion science. All of this has to be looked at as one system, one approach; that we're advancing the frontiers of science, and we're investigating this system, and we're taking advantage of all of the unique properties that are inherent in this system.

So, I just wanted to go through briefly, a few very

FIGURE 1
A Solar Flare Hitting the Earth's Magnetic Field



NASA

FIGURE 2
A Laser Shot at the Moon from Goddard Space Flight Center



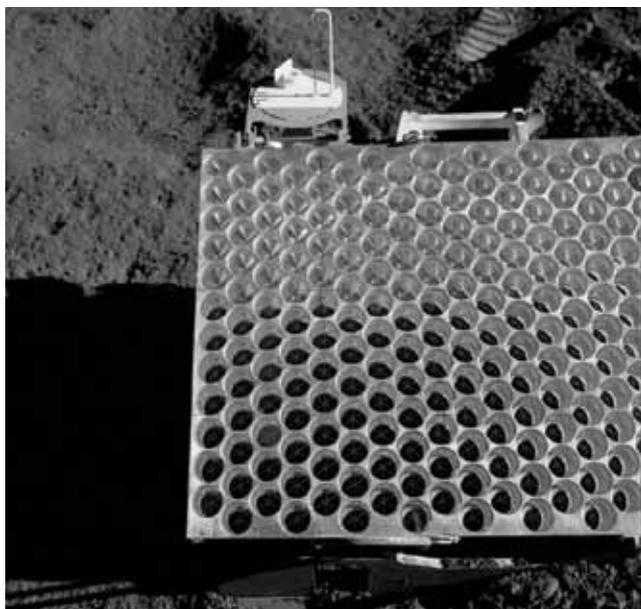
NASA

unique opportunities that we have, once we take the Moon in as what it is: our satellite and part of our system. It's not just some foreign body that's there, isolated. This is the [NASA] Goddard laser system, it's actually shooting a laser at the Moon (**Figure 2**). This is a green laser. It can be shot all the way to the Moon, and the purpose of this is to measure the distance between the Earth and the Moon.

During the Apollo program, astronauts left something called a retroreflector on the Moon, which would

FIGURE 3

A Retroreflector on the Moon



NASA

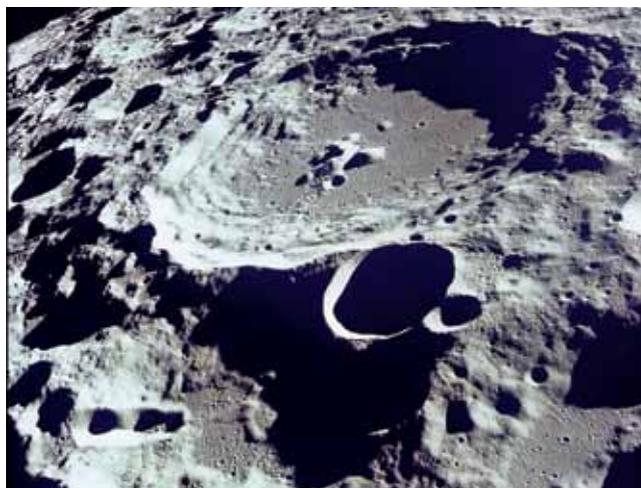
reflect back a laser or a signal that was shot at the Moon (**Figure 3**). So what they're doing is measuring the distance between the Earth and the Moon, a distance which is changing a little bit each year, and this system right now has a margin of accuracy within about a millimeter. They have plans for improving the lasers and improving the system to 100 times better, so you would have 1/100th of a millimeter accuracy.

The implications of that are that we're able to get into gravity, into general relativity: Where does this break down? What are the implications? We have this body right here; it has a gravitational effect on the Earth, and vice versa. Since the Moon has been increasing its distance from the Earth over time, that has an effect on how long the day is. When the Moon and Earth were first formed, our day was about five hours long, and as the distance between the Earth and the Moon expanded, our day actually grew longer. So there's a lot of interesting implications for this.

Secondly, this is a crater on the Moon (**Figure 4**). We have a situation where you have characteristics that don't exist anywhere else in the Solar System. So, not only is the Moon very close to us, but there are extreme and unique properties, such as permanently shadowed craters. Because the Moon has only a very small tilt, about

FIGURE 4

A Crater on the Moon



NASA

1.5%—it's not inclined like the Earth is, you have the sunlight hitting it in the same way; so you can have craters where sunlight never reaches the bottom, and this makes for what we think of as the coldest places in the Solar System; which means we have an environment for studying extreme cold, which has a lot of implications. And we have a very interesting electrical environment, because you have solar wind, you have charged particles that become trapped in the bottom of these craters. So this is also a very interesting research opportunity.

Now, if you notice the difference between the Moon and the surface of the Earth, the Moon is a very accurate record of the history of the Sun, and of the history of the Solar System (**Figure 5**). Because it doesn't have the

FIGURE 5

The Lunar Surface



NASA

FIGURE 6
An Aurora Seen from the Space Station



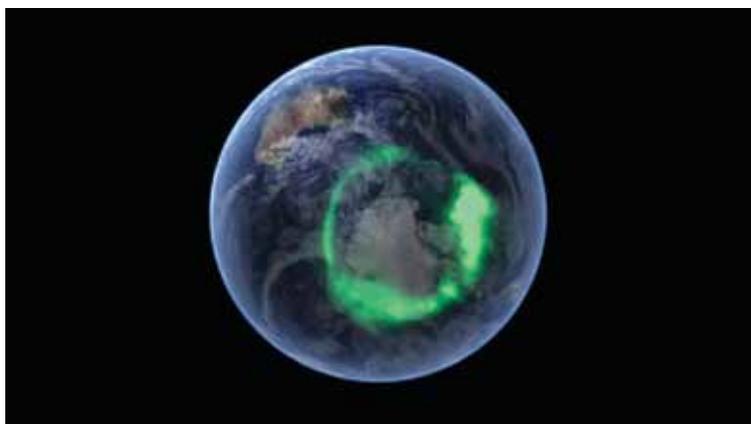
NASA

FIGURE 7
A Solar Prominence



NASA

FIGURE 8
An Aurora Australis



NASA

atmosphere, because it doesn't have a protective magnetic field, everything that's happened in this area of our Solar System, has just hit the Moon and it's left a record that's there for us to study.

Megan Beets: And there's no obvious biosphere that's grown over it and changed it.

Lovegren: Right, right. You don't have those type of dynamic processes that are then churning it up and changing it in a different way.

The Solar Wind

Now, the example that I wanted to go into a little bit more in detail, is how we're going to study the solar wind itself, which is the source of helium-3, and which, as it's a plasma, and it's a very strangely behaving plasma, it gives us some unique opportunities for learning more about plasma physics which is going to aid us in our investigation into fusion. Last night, there was a geomagnetic storm, a minor one. A coronal mass ejection hit the Earth's magnetic field, and this is what astronauts on the International Space Station saw. This isn't the picture that was taken last night, but this is something very similar that's from the Space Station over another aurora (**Figure 6**).

This is a solar prominence (**Figure 7**): You have these areas of magnetic activity, sunspots, and we don't know exactly what's going on, and how these coronal mass ejections are produced, but we know that there's a dense magnetic activity in the sunspot, and then you have these prominences, these protuberances of energy come out. In the case of these coronal mass ejections, you're looking at trillions of watts of energy—if they have enough energy, they will leave the Sun, and reach all the way to the Earth's magnetic field, interact with the Earth's magnetic field, and both of these are charged, so you have electrical phenomena, magnetic phenomena (**Figure 1**). And in the places where you see the spider-like magnetic field, at the poles, there's a breach in the magnetosphere, and you have these gases sneak in, and you get a light show like this, which is what the astronauts saw last night (**Figure 8**). This is more or less a typical

aurora; this is an Aurora Australis, it's at the southern pole. So this is an ionized gas and it creates these really pretty light shows.

Now, what are the effects of this on the Earth? If you're an astronaut, this can be very dangerous: You don't want to get hit by a solar flare if you're an astronaut; you don't want your satellite to get hit by a solar flare, and you don't want the Earth to really get hit by it. If there's just a slight effect, such as some pretty lights, we're fine with that, but a very intense one can be devastating, especially nowadays, because of the way that our whole planet has become electrified, in a sense, with modern communications.

The biggest coronal mass ejection that we have on record was in 1859. It was called the Carrington Event. We actually had one in July 2012 that was probably stronger than the 1859 one, but it missed the Earth, fortunately. If it would have hit the Earth, it would have been completely devastating. When the Carrington Event happened, we were still using telegraphs, and this created a geomagnetic storm that was so intense that you had this type of phenomena: The auroras reach all the way down to the Caribbean, and people very far South were able to see these lights, and this was at night, so there was no light: People reported that they could read a newspaper by the light of the aurora. There were reports of gold miners who were woken up and they started making breakfast because they thought it was morning.

Benjamin Deniston: This was something you normally see in Canada, or maybe Maine.

Lovegren: Exactly, this typically only occurs very close to the poles.

I just wanted to read an excerpt from a newspaper article. This is Saturday, Sept. 3, 1859; the *Baltimore American & Commercial Advertiser* reported, "Those who happened to be out late on Thursday night had an opportunity of witnessing another magnificent display of the aurora lights. The phenomenon was very similar to the display on Sunday night, though at times, the light was, if possible, more brilliant and the prismatic hues more varied and gorgeous. The light appeared to cover the whole firmament, apparently like a luminous cloud through which the stars of the larger magnitude indistinctly shown. The light was greater than that of the Moon at its full, but an indescribable softness and delicacy, that seemed to envelop everything upon which it rested. Between 12 and 1 o'clock, when the display

was at its full brilliancy, the quiet streets of the city, resting under this strange light, presented a beautiful, as well as singular appearance."

There's also a very funny discussion between telegraph operators, where the operator in Boston says to the operator in Portland, "Could you please cut off your power source, your battery?" And the Portland operator says, "It is cut off." And the Boston operator says, "Well mine's cut off, too, but we're still communicating!" So there was such an electric current from the geomagnetic storm, that there was electricity in the system to run the telegraphs after they had been shut off. And it continued for two hours.

We don't really know why the solar wind does this. The mystery is that it's accelerating; it's increasing its energy as it leaves the surface of the Sun, so you have charged particles that are somehow being accelerated. One of the theories is that there's some type of shockwave being created; shocks can do this, where you accelerate particles, but we don't have any way, so far, to test it, because we haven't been able to make an image of those particles that are being accelerated in the Sun.

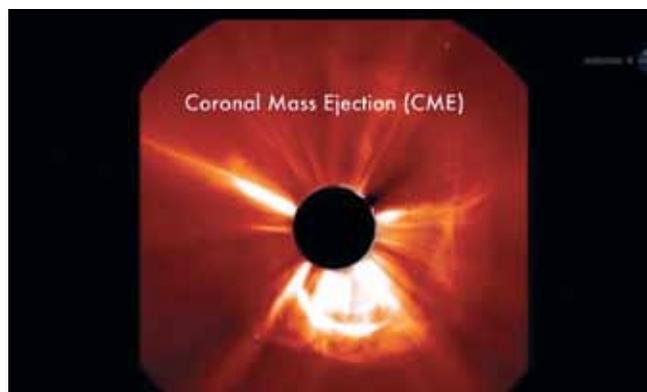
The Far Side of the Moon

Now, one of the uses of the Moon is that the far side of the Moon is a very quiet place where you can make low-frequency radio observations.

Incidentally, these particles that are accelerated, particularly the electrons, they resonate at very low frequencies, so we're talking 10 megahertz, which is quieter than any radio, and these are very long waves. And the reason that you need a quiet place is because the Earth is a very noisy radio zone; we have lots of radio waves coming from the Earth. So those completely block out any signal—we can't just put up some type of satellite or spacecraft to measure these low-frequency radio waves that are being emitted by these accelerated charged particles, because the Earth is so noisy.

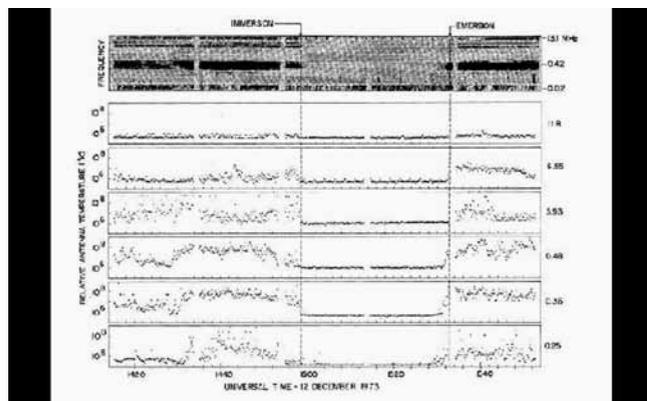
But, what we do have on the far side of the Moon—it's the far side, it's not the "dark side," people were brainwashed by an album in the '70s—it's the far side because it never faces the Earth, and because it never faces the Earth, it's not receiving the type of interference that the Earth would otherwise give to it. We know this because we had a spacecraft that tested the radio environment of the Moon in

FIGURE 9
An Image of the Radio Environment of the Moon (1973)



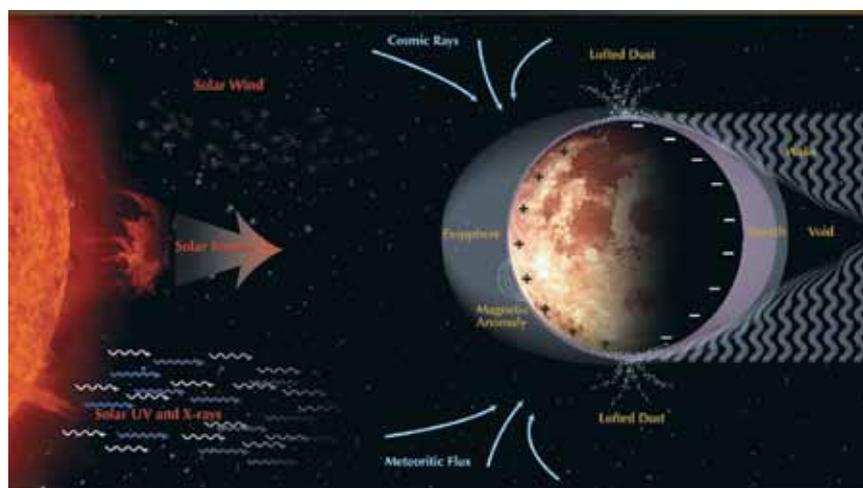
NASA

FIGURE 10
Measuring the Moon's Radio Environment



NASA

FIGURE 11
An Image of a Solar Storm Directed at the Moon



NASA

1973, and this is an image from that spacecraft (**Figure 9**). You can see, on the left side, you have a lot of noise, and as soon as it goes into the quiet zone, as soon as it starts to measure the far side of the Moon, you have a complete drop-off of all radio signals; and then it comes back around and it picks up again (**Figure 10**).

So the proposal is to use the far side of the Moon, to put a giant radiotelescope on the surface of the Moon that can then measure these signals. And the reason you couldn't just have a spacecraft hover over there, is because you need a telescope with a very large diameter, and you need a stable surface to be able to do that. Because these are very low frequencies, they have a very long wavelength, and so you need a very large diameter on your telescope to be able to measure this. So they're talking about needing at least a square mile or so. One of the proposals is to use a type of plastic to create antennas and unroll these plastic antennas into an array that will imitate an actual radiotelescope. We're basically synthesizing a large dish by doing this.

If we can get an insight into the nature of the way that these particles are accelerated, then maybe we can start to understand how the solar wind works, how coronal mass ejections are formed; maybe we can start to predict them, and we will gain insight into this strange behavior of the plasma that I think will aid us in our plasma research.

Another place we want to point this telescope is way off into the distant reaches of the universe, because another thing that produced very-low-frequency signals, is hydrogen from the beginning of the formation of stars, 16 billion years ago, during what we think is the beginning of the universe. I'm not sure what to think about "the beginning of the universe," but we know that many billions of years ago, stars were being formed, and one of the ideas is to be able to image the formation of these very old stars by using this low-frequency telescope.

Now, one last example (**Figure 11**): This is an image of a solar storm being pointed towards the Moon. There's a void on the other side of the Moon; you can imagine the solar

wind enveloping the Moon, and you have these charged particles hitting the surface of the Moon, and you have a plasma that the Moon is enveloped in. On the other side, there's a void, there's a vacuum, where the plasma is not reaching and there's a space there. The interaction of that vacuum with the solar wind is something that we call the "lunar wake," and this is a very interesting area for plasma physics, and it's also a very unique opportunity to be able to study how plasma expands into a vacuum.

So this is something we don't understand, but it's something that we could also use the Moon for, as a unique plasma physics laboratory. Which will also develop our understanding of plasma physics and of the process of fusion itself.

So I just wanted to leave it at that, and open it up for any discussion.

The Atmosphere of the Sun

Deniston: These are exactly the kinds of questions we want to be putting on the table. It reminds me of a lot of things we can spend a lot of time discussing, but this lunar wake is fascinating. There have been studies of—it's like you're describing—it's *not* empty space. The whole Solar System is filled with this highly structured and dynamic and changing plasma from the Sun, the solar wind: It creates spiral structures; it creates these large outbursts, the coronal mass ejections, and it's really very little understood—they call it the "atmosphere of the Sun," we're living in the Sun's atmosphere. It's not empty space out there.

I think James van Allen was one of the first scientists—he was quoted saying, when they put the first spacecraft up above the Earth's atmosphere, I think it was the Explorer spacecraft—and the very first thing they said, is "Omigod! Space is radioactive!" They had no idea, they thought it was just it was empty space, they didn't know it was filled with this plasma, these charged particles, these radiating phenomena. And so it's just been a very new and fascinating area of study.

And this "wake" thing: There have been studies where spacecraft, very deep in the Solar System, have all of a sudden registered an anomalous change in the solar wind characteristics, and they recognize they had just traveled through the wake of some body in space. And they're looking around: "There are no bodies around. Where did this come from? What was this?" And they found it was a comet, the wake of a comet!

But the comet was between, I believe, 1 and 2 astronomical units [AU—the distance between the Earth and the Sun] away from the spacecraft.

So now, this comet is probably 1-2 kilometers across. An astronomical unit is something on the order of 150 million kilometers [93 million miles]. So you have a 1-2 km body travelling through the Solar System, and it's creating a highly organized structure within this solar plasma, this solar wind, of millions of kilometers in length.

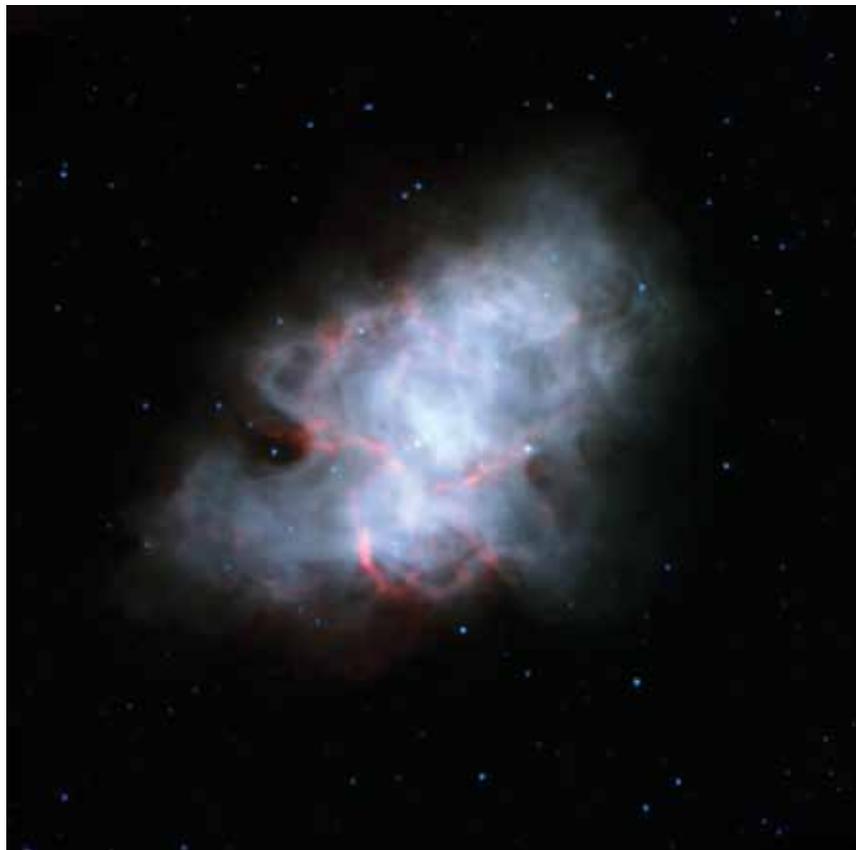
So these are just fascinating areas that we have very little understanding of. The idea of using the Moon, and the development of the Moon, as the beginning of opening up a whole new domain of investigation.

Lyndon LaRouche has made the point over the last couple days that the most important thing we can get from all of this, is not answers, but questions. The most important thing we want to look for in this process of mankind developing the Moon—developing fusion power from the Moon, developing helium-3 resources, and beginning to industrialize and build permanent capabilities on the Moon—the best answers we can get out of this process are going to be new questions. New questions that are going to lead to completely new areas of science in domains, that we can't, as of now, in our current state, even determine. We're going into an area where we know there are going to be new things that wouldn't be possible to ask now, because we haven't even found the provocations, the anomalies, that would allow us to ask them.

And I think what you went through was just loaded with that: this idea of the low-frequency telescopes on the far side of the Moon—this is going to be opening up a completely new picture of the universe. If you look at the expansion of astronomy, we have the Hubble telescope, we have optical telescopes, and then we send up infrared telescopes, and we get a completely different picture. You see things that you wouldn't see otherwise. You look in the visible range, with Hubble, and you see a bunch of clusters of stars kind of spaced apart, seemingly in empty space; if you look in infrared, you see this highly structured plasma environment, connecting and integrating all the stars as part of a single system—something you'd never see in the optical domain, but it's something you now get access to when you look in the infrared. If you look in the X-ray, you see completely new things.

FIGURE 12

The Crab Nebula



NASA/JPS-Caltech/R. Gehrz (U. of Minnesota)

The Crab Nebula

The images we've used of the Crab Nebula is an example (**Figure 12**). You look at the Crab Nebula, this supernova remnant, and you look in each of these different frequencies and you see something completely different. You look in optical, and you see this highly structured filament process. If you look in the X-ray, you see this highly energetic source in the middle, and these toroidal structures surrounding it. And so none of these, any one per se, is the answer, but every one is like a new slice, a different shadow. And as you reference, there's a whole range of potential shadows we just haven't even looked at.

Lovegren: And who's to say there's not another part of the electromagnetic spectrum that we don't know exists? Much less having developed instruments to measure?

Deniston: Right! We keep looking in these lower and lower frequencies and higher and higher frequen-

cies, and see what new areas we're going to open up. You know there are only so many frequencies that even reach the Earth's surface. For example, in the low-frequency range are the Schumann resonances, which we know can resonate with and interact with the human brain and mammalian brains and mammalian biology, which is a fascinating thing. Are there other sources of these things in the universe? Is this being emitted by other planetary bodies, other stars? We don't know, because our atmospheric system, our ionosphere, blocks these from reaching the Earth's surface. So with these low-frequency systems on the Moon, we can now begin to look in these areas for the first time. so it's opening a door that we've never looked in before, to something that we won't be able to determine what we're going to find, until we actually do it, because it's a completely new area.

This one last thing you went through is actually the opportunity to ask the Moon itself about its experience, which I think opens up some

fascinating things, because as you said, there's no atmosphere, there's no magnetic field, and there's no biosphere, so it's kind of been experiencing the interplanetary environment for billions and billions of years. And that includes the travel of the Solar System through the galaxy. So, as the Solar System has traveled through the galaxy, the Moon's been sitting there experiencing these different conditions, hotter, colder, more intense, less intense. And a lot of the so-called galactic cosmic radiation and radiation influences from outside of the Solar System have been recorded in the Moon itself, and we've seen this to some degree in meteorites and asteroids which have a similar experience, where they have no protective coat of a magnetic field, to shield them from this environment, so they kind of record the influence.

But, we have the opportunity to go up to the Moon and say, "How's your experience been the last couple billion years? What's it been like out there? What was

it like when we were traveling through that last spiral arm of the galaxy? What was it like when we were traveling above the plane of our galaxy?" These are all going to be potentially revolutionary questions, in opening up a whole new set of unknowns and potential hypotheses about the existence of our Solar System in the galaxy.

And LaRouche has pointed to something unique that we've been fighting in the Basement Science Team to really understand, which is going back, and looking at the role of Kepler in guiding this whole process. Because all that what we're talking about here is a series of shadows. We can have new images of the Solar System, we have new experiences of the Solar System, but what we're going to need is an ability to understand what the Solar System really is as a single unified process.

Lovegren: I think by taking these bodies, and their relationships to each other, and looking at a type of inversion, we can then also know more about the Earth. We've been looking at the Earth from the Earth, and we've been looking at the Moon from the Earth. But going to the Moon and then looking at the Earth, looking at the Sun, and looking at the rest of the Solar System, that gives you a different type of perspective.

Deniston: You can completely reshape how we can even interpret some of the records we have from Earth, records of evolutionary changes and mass extinctions and biodiversity changes, that can give us a totally new perspective to re-investigate and re-analyze these things. And I think we're going to get into more of this over the coming weeks. But LaRouche has certainly put on the table this question that, what is the Solar System, really?

Lovegren: What was going on in the neighborhood of the Solar System when the dinosaurs went extinct?

Go Back to Kepler

Deniston: What influences were there, and what is the Solar System as a whole process? What is this thing we're dealing with? You can measure the motion of a planet, you can measure the distances of the planets, you can measure certain things, but all those are measurements: What governs it all? You know, the question that Kepler asked, "Why is it this way and not otherwise?" "Why does it have the particular ordering it does?" "What is governing the whole process?"

There was a major article in *Nature* magazine, in early July, entitled, "Astronomy: Planets in Chaos." It is focused on the fact that we've now been able to observe different planetary systems, around different stars, and we've been able to observe now thousands of these things. We look at a different star, we can begin to look at the planets orbiting that different star and begin to get a sense of how big are they? How are they orbiting, where are their orbits? And now that they've begun to develop a decent size data set of these exoplanets—planets exterior to our own Solar System, planets around other stars—they say, this has now demolished our ideas about how planets form. And astronomers are now searching for a whole new theory.

Lovegren: This is from the Kepler mission, the aptly named Kepler mission?

Deniston: Yes, the aptly named Kepler space telescope.

So what this is showing us, is that our previous models and assumptions and ideas about how a star, and a planetary system around a star, develop and form, are just wildly off. They can't account for the variety and the types of things that we're now beginning to observe in all of these processes. And so, what LaRouche has pointed to emphatically over the past week is: "Go back to Kepler, start from Kepler." Who actually discovered the Solar System? It was Kepler. How did Kepler think about the process? He, in a sense, has taken us the furthest, because he was the one who got the first insight into a single principle, which was not just measurement. It was not a mathematical measurement, but he was able to generate and discover an unseen, unsensed, unmeasured principle of action that was the organizing force of the system as a single unity, as a whole.

And that is what's utterly lacking today, is the development and continuation of that investigation. If we're going to be entering into a domain where we're dealing with all these questions, and dealing with mankind, working with the Solar System on a fundamentally new level, these are the questions that come up.

Beets: Yes, I think it kind of gets to the error in thinking, of saying, "Well, helium-3's on the Moon, we're going to take our shuttles up there, we're going to load 'em up and bring it back, and make billions of dollars off of helium-3," right? And "Yeah, we're going to have fusion reactors, and it's going to be great, and the

market's going to be happy." And you have this completely silly idea that we even know what helium-3 is, that we even know what the fusion process is, and it's a projection of the current system of knowledge and the current mode of operation, up into something which we really know almost nothing about.

Lovegren: Everyone will have the infinite Internet and TV.

Beets: Yeah, right! And there's this assumption that, "Oh, we have a certain understanding of chemistry and nuclear processes; clearly that's what this means, and we'll incorporate it into the current system."

LaRouche has made the point to say, no, that's total folly! The outcome of any program, like what the Chinese have committed to, with permanent human presence and control over the Moon system, is that the real outcome of that is a totally new state of the human mind.

And it does get to what you said a few minutes ago, that when we sent all these machines up there, we discovered space wasn't empty. The other thing that's space is not devoid of, is the principle of mind and the principle of creativity, which we are a mirror of, we are a reflection of. And you saw that in Kepler's successful discovery of an undetected principle, by delving deep into the processes of his own creative mind, and generating a process of creation within his own mind, with the harmonic orbits.

But the interesting thing about that is: What did Kepler do? For the first time, he subsumed the Solar System *as* a system, as a unified, comprehensible principle of mind. As a consequence of that—maybe something he didn't think about directly—but as a

consequence of that, we had the kind of understanding of orbits necessary to start putting things out into space, and to begin acting on the Solar System. And it may have taken a few hundred years to do that, but the potential was opened up.



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Johannes Kepler: What did Kepler do? For the first time, he subsumed the Solar System as a system, as a unified, comprehensible principle of mind.

And similarly, when we think about the Moon system, we have a certain sense of why we're going there; we have a certain pursuit of this fusion fuel; but, in order to do that, we're going to have develop completely new capabilities and understanding, which will probably completely transform why we think we're there in the first place. And it is just a really exciting process, where you have a sense that the human species is actually being drawn forward, drawn to a new state of progress, drawn to a new goal which he didn't imagine before. And that's really what I said in the beginning, this genius that's cropped in the Chinese people, within that section of humanity.

A New System of Values

Deniston: LaRouche has made the point, I think he sees the model of what we want to be going into, in what happened in the Re-

naissance. It was not, exactly like you said, an emergence out of the culture at the time, it was the introduction of something completely new that couldn't be logically deduced from the prior state. And it wasn't just a new formula about how planets move, or it wasn't a new calculation or measurement, or a better measurement—it wasn't Galileo. Galileo didn't create the Renaissance, Galileo didn't express the Renaissance.

It was a discovery about the fundamental nature of the human mind, and how the human mind operates as

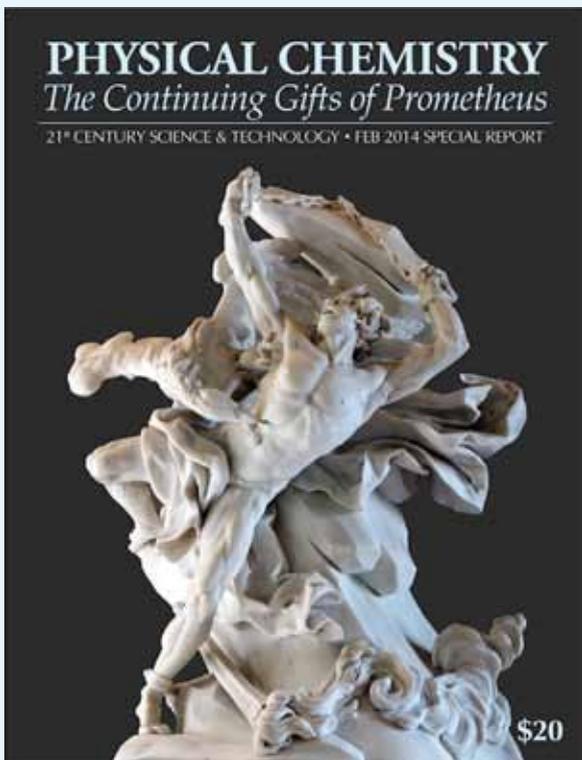
a creative force in the universe, and a deeper realization that it is the understanding of the power of the human mind which gives us a greater understanding about the nature of the universe as a whole. That is the subject of science: It's the investigation of how it is that the powers of the human mind can come to resonate on higher levels with the universe as a whole. And these are not questions that we have answers for—what the next stage in that process is.

But we know we're going into a domain where those questions can and will be forced, because we're going into fundamentally new territories, new areas, we just haven't entered before, new shadows we're going to be measuring, new processes we're going to be dealing with. And this has to become the kind of subsuming, guiding question, if we're actually going to advance from the United States, if we're going to work to advance society as a whole, it's going to come from, most fundamentally, these questions about a higher discovery of what you might call "natural law," a greater scientific understanding of what you can demonstrate to be mankind's relationship to the Solar

System, and the derivation and development of policies based around that conception.

Beets: And that I think points in the direction of LaRouche's insistence that we're entering a new system of values, of economic values, that it's something which is derived from a kind of process which most people on Earth can't imagine yet. And so any attempt to extrapolate from any kind of current thinking about it, is a failure. And we really just have to be tough on that, and I think tough with the American people on that question also: that this is really the direction, what you just described, that's the direction that humanity's going in, and must go in, by our nature.

Deniston: Yes, and that is the essence of what LaRouche is calling for with the real science-driver program, on this lunar program. A science driver means you have to drive yourself to discover new science. To discover it means you don't know it yet. So this means seeking the questions that we have to fight to solve, not defining what the answers are going to be. And so that's the open challenge we have right now.



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The Advent of a New Renaissance

The signs of a “rebirth” of a civilization based on mankind’s unique creative capabilities are multiplying by the day. China’s program for lunar exploration with the intention of mining helium-3; Egypt’s reorientation toward uniting the nation around building a new Suez Canal; Bolivia’s bold declaration of intent to master the “fire” of nuclear energy—these all represent stunning evidence that a dramatic change for the better is underway.

Not a moment too soon. Just as 14th-Century Europe entered a dark age with the outbreak of the Black Death, and the subsequent loss of an estimated third to half of its population, the planet is currently poised for a similar collapse. The precursors can be seen in the burgeoning Ebola epidemic in Africa, the life-killing drought in the U.S. West, and the horrifying spread of barbarism in forms varying from religious fundamentalism, to “popular” culture. And that’s not to mention the danger of confrontation leading to thermonuclear war.

Only a radical shift to a new Renaissance could possibly stop a precipitous decline similar to that of that 14th-Century crisis of civilization.

How can that be done? There surely is no blueprint, no “experience” to which one can turn to follow and “connect the dots.” What’s required is the determination of a small group of people absolutely committed to rediscovering their own essential creativity as human beings, and to fighting against all odds to spread the necessary concepts to the population as a whole.

One can, of course, take some lessons from studying and understanding the transformation which is already underway. It was approximately 40 years ago that we in the LaRouche political movement, centered in the United States, launched

our campaign for reviving the world economy, and mankind’s march toward progress. In 1974, the LaRouche movement established the Fusion Energy Foundation, as a spark plug for a scientific renaissance. That same year, we established an international weekly news service to spread the word.

In 1975, Lyndon LaRouche formally proposed the establishment of an International Development Bank, which would serve as a basis for cooperation among the three major economic blocs at the time—the trans-Atlantic system, the Comecon (Soviet bloc), and the “Third World”—and provide the credit for rapid leaps in industrial development and food production.

In that same period, the LaRouche movement also launched a campaign to revive Classical culture, along the same principles as the Italian Renaissance. The writings of Lyndon and Helga LaRouche and their associates have spread those principles globally, in most of the major languages of the world.

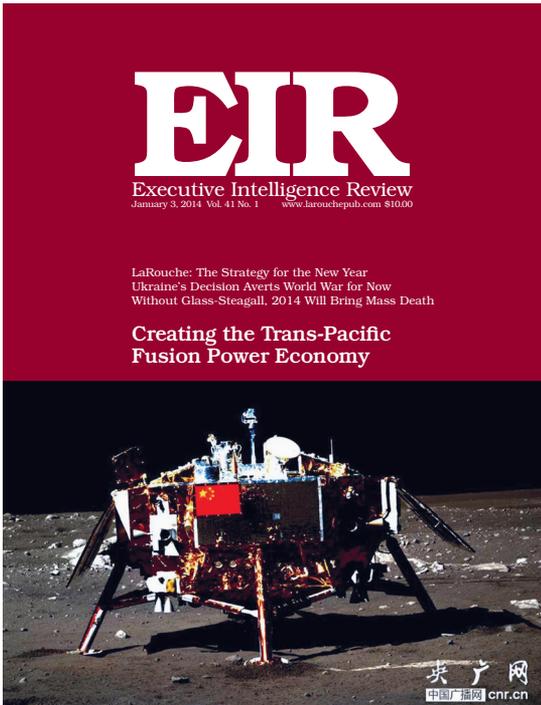
Many of those ideas that were planted in the early 1970s are indeed bearing fruit today, but it was by no means a straight line of development. Indeed, great opportunities for progress—such as the Fall of the Berlin Wall—have been tragically lost, leading to increased misery for all mankind.

Today, the new opportunity must *not* be lost. Lyndon LaRouche recently pointed out that mankind is on the verge of the greatest Renaissance in its history. The potential for uplifting humanity to its rightful position at the pinnacle of God’s creation lies before us. To achieve it will obviously require sweeping the British Empire to the side, and that will not be easy. But, as in the Renaissance of yore, man’s true creative nature can prevail.

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