

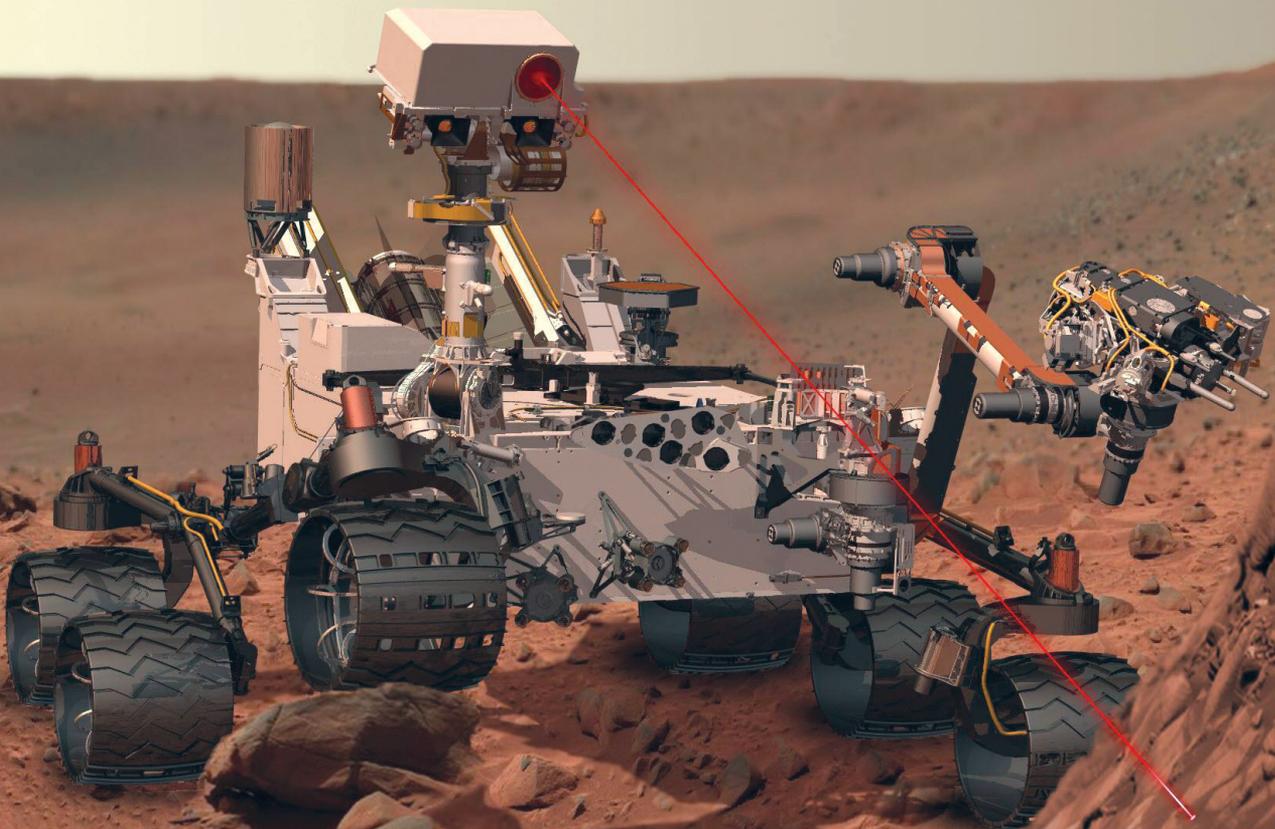
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Why Wall Street Must Be Shut Down
Muslim Brotherhood: In Their Majesties' Service
Weather Modification To Stop Starvation

'What Is Life?'
At the Brink of Mars



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EIR

From the Managing Editor

On the one-year anniversary of Curiosity's landing on Mars, we celebrate with some pointed questions. "What is life?" asks Lyndon LaRouche. Is there life on Mars? And what would we have to do to get people there, and beyond Mars, to explore the Solar System?

Some lunatics today are saying, "No problem! We'll just drum up some venture capital and send a bunch of folks up there for a nice ride, one-way, and film it for 'Reality TV'" (as reported by Ben Deniston in *EIR*, June 28). But if we're not crazy enough to sign up for that trip, we're going to have to solve some very knotty scientific problems. Not only is Mars not a very hospitable place for mankind at present, but the trip itself would wreak havoc with the human biological constitution.

Thus, LaRouche says, we require "a kind of leap" in our development, of the sort that brought the human species into existence in the first place. And this raises the epistemological problem that LaRouche has been hammering away at for many months: the reliance on "sense perception." The crux of his warning, he writes, is "that human sense-perception, itself, is not to be considered as a trustworthy metric for guiding the launching of such ventures as manned operations on Earth, nor, presently, on Mars."

This week's news analysis spans the globe:

- How reinstating the Glass-Steagall bill and creating a Hamiltonian credit system will *bankrupt Wall Street*. Does that frighten you? But it's a good and necessary thing, as Leandra Bernstein argues. And if we don't do it, we're heading for an even more desperate economic breakdown, and possibly world war.

- Reports on organizing for Glass-Steagall in the U.S. and Italy, as the LaRouche movement struggles to convince citizens what a Hamiltonian credit system really means, and why it is essential;

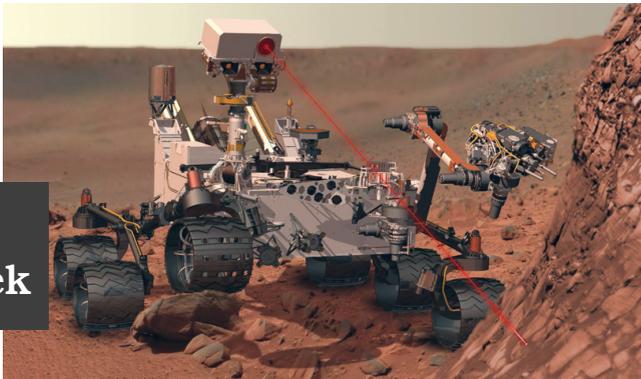
- The strategic crisis: British roots of the Muslim Brotherhood; new flashpoints in the Syria war; and signs of motion in Washington on exposing the Administration's Benghazi coverup.

- An interview with LaRouche by the Chinese news service Xinhua, which focuses on the need for high-tech collaboration between our two nations.



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Curiosity studying the Martian regolith. Artist's conception.



NASA/JPL-Caltech

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By Lyndon H. LaRouche, Jr. Since the assassination of President Kennedy, civilization has fallen backwards over the course more than a half-century of lost strength of our economy and culture. This is expressed, in part, in the error of the reliance on what is merely human sense-perception, including in the wrong-headed proposal for landing and settlement of human beings on the planet Mars, anytime soon.

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As we mark the one-year anniversary of the successful landing of NASA's Curiosity rover on Mars, planetary scientists are reaping the early results of a set of scientific experiments never before carried out on Mars.

49 Expanding NAWAPA XXI: Weather Modification To Stop Starvation

All available scientific capabilities should be applied to the defense of the water, food, and livelihood of the people of North America, including systems to influence and control the weather. Weather modification systems can be designed to operate in conjunction with the nuclear-powered NAWAPA XXI system. Benjamin Deniston of the LaRouche science research team reports.

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Why Wall Street Must Be Shut Down

by Leandra Bernstein

This is the text of a July 31 LaRouchePAC [TV program](#).

When Glass-Steagall is re-enacted, the U.S. government will orchestrate the largest market crash in human history. We have the authority to do it on the basis of national security; we have the power to do it in an orderly way; and we must do it to defend the nation from an axis of modern-day fascists centered in London and on Wall Street.

Banks and non-banks operating in the U.S. will have a period in which to choose: Either they divest themselves of their gambling operations and receive Federal protection as commercial banks under the Federal Deposit Insurance Corporation (FDIC), or their investments, securities, and other speculative operations will be cut off from the government safety net, and they will fend for themselves on the free market. Most of them will fail as hopeless bankrupts, but no one of relevance will shed a tear.

At the time of its enactment, every asset, every X-, Y-, and Z-backed security that the Federal Reserve and U.S. Treasury have financed through a government/taxpayer guarantee, will be either called in for repayment, or allowed to *float* on the market, inducing the fiercest margin call Wall Street could ever have imagined. This action of removing the government backstop on Wall Street losses will not be another Black Monday, or a Black Tuesday—it will be *White*, that is, lower Manhattan will be the epicenter of the detonation of a financial H-bomb.

At that time we, the U.S. government, will gain the

upper hand, and have options to maintain the functioning of society. For example, we will be responsible for stabilizing and guaranteeing the means of existence, which had been traded as gambling chips on Wall Street and in other shadow markets. Therefore, the day Glass-Steagall is enacted, we *shut down Wall Street*. To avoid a bloodbath, or a mass-murderous selling spree, we simply shut down trading for the day, and the day after, and the day after that—and indefinitely. Prices will be frozen until further notice. Nobody moves. Wall Street takes an indefinite Bank Holiday.

The people, the companies, and the institutions which relied on the free market (which we now know is a euphemism for the *rigged* market), will be supported under Glass-Steagall. Enacting Glass-Steagall in this way, and *only this way* will ensure that material goods and services are priced within reach, to promote continued economic activity, on a rational exchange, established by sane government officials, which fixes prices on the basis of physical costs to producer and consumer. We are going back to what Franklin Roosevelt did and what worked. And we're going to do this, because if we don't, millions of Americans will die—just as they are slated to die in Detroit.

A Systemic Failure

The idea that we have to prevent a crash of global systemically important financial institutions (G-SIFIs) is over. The days of G-SIFIs blackmailing governments, by arguing that their failure would lead to the unravelling of the whole economy, are over. The econ-



Lamar Lemmons III · Washington, D.C.
President of Detroit School Board · Former State Representative (MI-3)

LPAC-TV

The day that Glass-Steagall is enacted, we will shut down Wall Street. Here, Detroit political leader LaMar Lemmons III joins LaRouchePAC organizers at the Capitol to demand the restoration of Glass-Steagall.

omy is already shot. And the day of the crash of these institutions will inevitably come—no system could preserve them. FDIC Vice Chair Thomas Hoenig made a crucial point in testimony to the House, when he said that there won't be a situation where a single G-SIFI fails; it will be a systemic failure. And that is what we are facing right now.

The fact is, Wall Street and its international partners have known that, as a cold hard reality, since 2007-08. Lyndon LaRouche forecast that in July 2007. When it came to the bailout, these institutions were already bankrupt. The bailout was simply a way to rope the *nation* into the collapse, to bring the government and the people down, while trying to save Wall Street. And the blackmail has worked, so far, to keep that system going under the two complicit presidencies of Bush and Obama.

There are still some people who believe that the Wall Street bankers didn't plan for this day. Frankly, their foot-dragging and self-consoling delusions are the reason the United States will lose everything; the reason you lost your high-paying job; the reason your family member was cut off from health care; the reason your neighborhood is rotting. You see, Wall Street already has a plan—actually it's a law. It's called the Dodd-Frank Act, and it endows the Executive Branch, through the FDIC and the Financial Stability Oversight Council (FSOC) to enact ad hoc crisis-management rules, which have not been defined in law, to ensure “financial stability.”

As LaRouchePAC has reported in other locations, what is meant by financial stability is: The people, the

depositors, the pensioners, the government workers, anything but the hyperinflated financial instruments, will be liquidated. The banks and financial institutions will be resolved and allowed to stay in operation, and the United States of America will be sold for scrap to finance it.

Now, if you want to die, then say: “We can't shut down Wall Street. We *ne-e-e-ed* the free market. Give Dodd-Frank time to work. The government has no place in the economy! We have to respect the investors!”

If you want to live, we are prepared to run the American economy. And we are prepared for

the outcome of reenacting Glass-Steagall.

Six Steps

The following six detailed steps drafted by *EIR* economist Paul Gallagher, are a preliminary course of action that will be taken by us in enforcing the reestablished Glass-Steagall law:

First: Prosecute Wall Street and Eurozone banks for crimes of looting the public.

- The fraudulent sales of interest-rate swap derivatives to cities, counties, and states, must be prosecuted as securities fraud against unsophisticated investors, namely, the public agency officials who were induced to buy the swaps;

- Prosecute the looting through commodity and service price hyperinflation. For example, the JPMorgan scheme in California, which involved selling California power operators electricity at \$999/MWe, when the going price was \$12/MWe.

Second: End the bank holding company status of Goldman Sachs and Morgan Stanley.

- The derivatives, MBSs [mortgage-backed securities], and other instruments come off their commercial banking units, and must be taken on the books of their investment banks and other securities divisions. This means there is *no* possibility of bailout or bail-in for these securities.

Third: Enforce the legislative section that bans banks or holding companies from putting non-bank-qualified securities—including derivatives and

MBSs—on their insured commercial bank's books.

- This prohibits the U.S. government from using Federal credit from the Fed or FDIC to lend against or buy these securities. Again, this means no bailout or bail-in for these securities.

- It also means the Federal Reserve will not be allowed to hold its current \$1.3 trillion in MBSs. There will be a put-back to the Wall Street banks which sold them to the Fed at the price the Fed paid for them. The obvious question is: Do those banks have \$1 trillion or more to buy back their trash?

Fourth: Enforce the legislative section prohibiting commercial banks/bank holding companies from owning commodities, commodities broker-dealers, like MFGlobal, or commodities production or transportation infrastructure.

- This means JPMorgan Chase has to sell JPMorgan Ventures Energy Co. and its various other commodities-trading divisions; Barclays, Goldman Sachs, Morgan Stanley, Citigroup, State Street Bank, and other big banks, will all have to do the same. Without the liquidity from the commercial banks, it is highly unlikely that these divisions will survive.

Fifth: Enforce the closure of branches of banks

whose parent banks or holding companies are outside U.S. banking law, and thus have investment practices that can't be limited by the U.S. Glass-Steagall law.

- With this step, the Federal Reserve must close all liquidity loans to U.S. branches of European banks, and must demand put-back of MBSs and U.S. Treasury securities it has bought from these European banks during QE1-4.

- Further, nearly all U.S. operations of the large European banks have to be shut down or immediately reorganized as completely separate companies.

Sixth: Break up the largest U.S.-based bank holding companies.

- Under the law, Citigroup will have to break off all nine divisions (including hedge funds, private equity funds, etc.) of its Securities and Banking Group; its Institutional Portfolios Division; and its Brokerage and Asset Management Division.

- Wells Fargo will have to divest from Wells Capital Management Division, Wells Fargo Securities investment bank, Wells Fargo Advisors, and Wells Capital Management.

- Bank of America will have to divest from Merrill Lynch, Countrywide Financial, Bank of America Equities, and its investments in various hedge funds.

- JPMorgan Chase will have to divest from JPM Investment Banking Division, JPM Hedge Fund Services, JPM Partners; Worldwide Securities Services, and Bear Stearns Investment Bank.

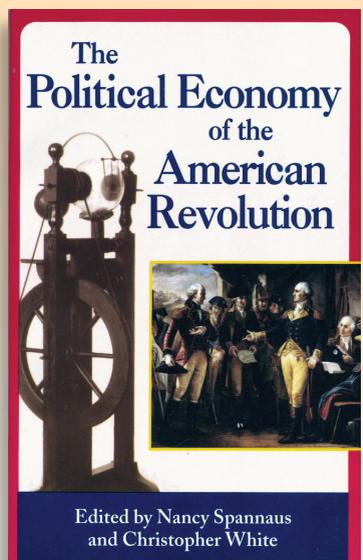
- Morgan Stanley-Smith Barney will have to give up the bank holding company status it was granted by the Treasury and the Federal Reserve when it took on the TARP bailout, because it has no commercial banking business. The same will apply to Goldman Sachs.

The Hard Facts

These are the hard truths of Glass-Steagall that are not being discussed, even by those who are the greatest champions of the Act. The American people have a right to know the benefits and security they will be guaranteed through the restoration of Glass-Steagall; and Wall Street has a right to know how they are going to be shut down.

We are at a crossroads, either we stand and fight with this knowledge, and demand our representatives in Washington do the same, or we prepare to sacrifice everything, our lives, our fortunes, and our sacred honor, to our enemy.

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House Farm Bill Wipes Out FDR Parity Principle

by Marcia Merry Baker and Susan Welsh

July 30—The farm bill passed by the U.S. House of Representatives on July 11 (216-208, with all Democrats opposed) would repeal all principle and law concerning the Federal government’s authority to set and support parity-based pricing for farmers, and to provide for the adequacy of food supply for the population.

The bill also hived off the food stamp program (SNAP—Supplemental Nutrition Assistance Program), for separate action, which the House has not taken. SNAP now provides food relief for some 48 million Americans (enrollment has doubled since 2004, as a result of the economic crisis). The House bill had originally called for cutting \$20 billion from the program over ten years (the Senate bill cuts “only” \$4 billion), but when this proved politically difficult, the House GOP decided to eliminate the “Nutrition” title from the bill altogether. (Some Republicans want to cut \$40 billion.) Food stamps have been included in all farm bills since the early 1970s, and bipartisan compromise has always been required to secure passage of a bill.

The House bill reflects the general morass on Capitol Hill, in which a stall-out continues on any Congressional action to come up with a five-year farm bill by Sept. 30, the date of expiration of the “Food, Conservation and Energy Act of 2008.” It is not even clear whether a House-Senate conference committee will meet by the September deadline to reconcile the bills.

The National Farmers Union angrily opposed the House vote, saying, in a release issued July 11, “Any final legislation must continue existing permanent law [parity principle] provisions and include meaningful safety net protections for both family farmers facing difficult times and the food insecure.”

The Importance of Parity Pricing

The parity and supply-management provisions have been on the books of standing law (U.S. Code No. 7)

since the agriculture acts of 1938 and 1949. They worked spectacularly well during World War II, when U.S. food output increased dramatically, despite the fact that most young men were in the military, and not on the farms.

In July 1941, Sen. Henry Steagall (D-Ala.) proposed an amendment, as part of the defense readiness effort, specifying that farmers must receive prices on the level of at least 85% of parity for specified commodities (milk, beans, hogs, etc.); this was later raised to 90% or more. The Steagall Amendment passed immediately. The Agriculture Department, at the time, and [to the present day](#), determines what a parity price is for a farmer, calculating all the expenses of his operations, and thus a figure for fair earnings that allow him a reasonable profit and investment in future production. Various mechanisms are available to the government to ensure that farmers receive such a parity price.

President Franklin D. Roosevelt was especially proud of the farm legislation, writing in a letter to the Senate on April 2, 1943: “In the past, no one has fought harder than I to help the farmers get parity prices for their crops. With pride, I recall that the parity idea was first put into law during my administration.”

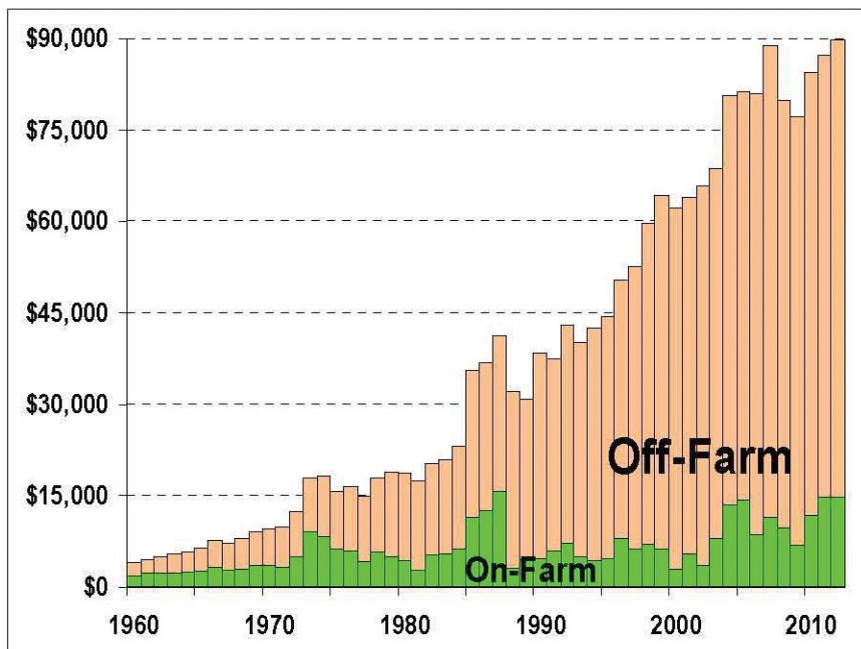
Takedown of the Governing Principles

Then came the post-war subversion process. Over the 1950s, through to the present, the parity principle, and the principle of government responsibility for the food supply, remained on the books as “permanent law,” but they were successively less practiced and respected. If Congress fails to enact a new farm bill on schedule, the permanent law (from 1938 and 1949) automatically goes into effect. But this never happens, because Congress has repeatedly enacted shorter-duration farm bills (usually for five-year periods, with sunset expiration dates), which temporarily lessen or override the parity and food supply management statutes of the permanent law.

The 1996 farm law was a radical landmark, shifting the United States away from parity and national food sovereignty altogether, in keeping with the new World Trade Organization (1995). Called the “Freedom to Farm Act,” it threw farmers and eaters into the “free” (rigged) markets system of globalized cartels and finance, serving the City of London/Wall Street complex. Farmers called the 1996 Act the “Freedom to Fail” law. This approach took the “culture” out of “agriculture,” replacing it with “business”; it destroyed rural America

FIGURE 1

U.S. Average Farm Household Income, On- and Off-Farm Sources, Since 1960



Source: USDA, ERS, "Farm Household Economics and Well-Being: Historic Data on Farm Operator Household Income," Nov. 27, 2012.

by reducing the numbers of farmers, churches, doctors, local businesses, and small towns. Profits were made the priority over developing the future scientific and cultural endeavors of civilization.

After the 1999 repeal of Glass-Steagall, and passage of the 2000 Commodity Futures Modernization Act, all manner of contrived financial wing-dings ensued—collateralized debt obligations, swaps, derivatives and speculation in futures of money and commodities of all kinds. Farmers were whipsawed by wild price swings for what they produced, and what they had to pay as costs of production. Thousands of family farms shut down as incomes declined, and other farms continued to operate only because of off-farm earnings by family members (Figure 1). All the while, the U.S. came to be import-dependent for more and more of its food consumption.

Farmers were told by Washington/Wall Street/London to farm smart, and “become expert at risk management,” that is, to forward sell your output, hedge on your inputs, and otherwise speculate on the markets. Crop insurance was promoted as a policy, not a fall-back, as it had been when it was introduced in the 1930s.

This year, both House and Senate bills have been rebranded as “Risk Management” legislation. The House bill, H.R. 2642, “Federal Agriculture Reform and Risk Management Act of 2013,” under various knuckle-head pretexts, specifies the repeal of three core sections of the “Agriculture Adjustment Act of 1938” and 12 sections of the “Agricultural Act of 1949.”

For example, the law would repeal the key parts of the 1938 “Price Support Levels” section, referring to what price the farmer gets for his output, in terms of what a parity price is at the time. Paragraph 1441, which would be repealed, reads:

“The Secretary of Agriculture is authorized and directed to make available through loans, purchases, or other operations, price support to cooperators [farmers who have signed up with the Agriculture Department parity and supply-management program] for any crop of any basic agricultural commodity, if producers have not disapproved marketing quotas for such crop, at a level not in excess of 90 per centum of the parity price of the commodity, nor less than the level provided in subsections (a) to (c) of this section as follows.”

The 1938 bill goes on to specify how farmers should get a higher percentage of the parity price for their crop if the national supply of that crop is low, but a lower percentage if supplies are plentiful. For example, if the “supply percentage as of the beginning of the marketing year”—meaning the percentage of a previous several-year average—is not more than 102%, farmers will get not less than 90% of parity; if the supply is 130% or more, farmers will get 75%, etc.

The current House bill not only eliminates these provisions, but establishes *itself* as the new “permanent law.” Repealing these principles, established in the FDR era, is a roll-over-and-die command to the nation.

The LaRouchePAC drive for reinstating Glass-Steagall is the essential context for restoring the thinking and proposals for restoring agro-industrial production, and the means to food for all. And let’s put the “culture” back in agriculture.

Naples Health System About To Explode

by Liliana Gorini

July 31—Twelve-thousand workers of the Azienda Sanitaria Locale (ASL), the Naples branch of the Italian National Health Service, have been mobilizing and striking this week because they did not receive their July paychecks, and are likely to miss their August payday as well. In addition to the Campania region, of which Naples is the capital, all of Southern Italy, plus Latium in which Rome is located, are threatened with the shutdown of their health-care systems as a consequence of a Supreme Court ruling that has permitted creditors to seize the accounts of those health-care administrations, which, in Italy, are regional. The seized accounts were released by an emergency decree of the Italian Senate called the “*salva stipendi*” (paycheck rescue), but the problem will return in August.

Hospital workers and nurses organized sit-ins, strikes, and banners to protest, in particular, against the Banco di Napoli which seized the assets of the ASL, violating an Italian law of 1993 which “prevents the seizure of funds aimed at paychecks, medicines, and health assistance” as Ernesto Esposito, head of ASL 1, told the Naples daily *Il Mattino*. Maria Gagliotta, an ASL employee close to Movisol, the LaRouche movement in Italy, wrote a letter to her trade union, UIL (Unione Italiana Lavoro), demanding that it join her fight for a Glass-Steagall reform, since this is the key issue for Naples and the rest of Italy, as it is for Detroit and the United States.

Stefano Caldoro, the governor of the Campania Region, denounced the fraud of derivatives contracts dumped by London on Naples and the Campania region in 2003 and 2006. In an article in *Il Mattino*, titled “Campania, derivatives debts: A special commission will investigate them,” Caldoro is quoted saying, “The priority is defending our citizens,” and to this aim, a special investigative commission was formed, chaired by a lawyer, Luca Zamagni, who has sued British companies for such derivatives contracts, which are in violation of Italian law.

The Battle for Glass-Steagall

It is not only the health system which risks bankruptcy, as *Il Mattino* reports: “It is a time bomb, which will also hit families and small and medium-sized enterprises.” As a result of this situation, only last week, in Naples, three people committed suicide. And it’s not only in Southern Italy. Also in Northern Italy, there were tens of suicides in the last months, mainly small and medium-sized entrepreneurs who did were unable to get bank credit, and could no longer continue to operate their family businesses.

As the chairwoman of Movisol, and as a Neapolitan myself, I wrote to Governor Caldoro informing him about the fight for Glass-Steagall in the U.S. Congress, led by LaRouchePAC, and suggesting that he follow the example of those municipalities in France that won the legal battle against the banks on toxic loans, for example, in Saint Denis. “From Detroit to Naples, this is the same fight, to reinstate Glass-Steagall and create a credit system replacing the present, bankrupt, monetary system.”

The battle for a Glass-Steagall reform is ongoing in Italy. There are five bills to this effect in the Italian Parliament, two in the Chamber of Deputies and three in the Senate. One was introduced in the Chamber of Deputies by Davide Caparini of the Lega Nord (Northern League), who spoke with me at a conference on Glass-Steagall in Brescia during the election campaign; one in the Senate was introduced by former Economics Minister Giulio Tremonti, one by Sen. Giuseppe Vacciano of the Movimento Cinque Stelle (Five-Star Movement); and one by Sen. Massimo Bitonci, which is cosponsored by the whole 16-member Lega Nord faction. According to *EIR*’s sources, members of the Senate Finance Committee will push for a fast-track debate on the Glass-Steagall bills, which can be initiated when one-fifth of Committee members demand it.

There is also a “popular bill” for Glass-Steagall for which Movisol and the Comitato di Liberazione Nazionale (Committee of National Liberation/CLN), uniting various movements and citizens groups, including a new party called Partito Italia Nuova (New Italian Party/PIN) are presently gathering 50,000 signatures all over Italy.

The Movisol-CLN Glass-Steagall bill has been registered in 50 municipalities, including in major cities such as Milan, Bologna, Florence, Genoa, Naples, and Ancona, and many small cities on the Italian coast. Citizens can sign in support of the bill online, at the [CLN website](#). The collection of signatures will continue until the end of October.

Privatizing Water in Greece

by Christos Avramidis and Antonis Galanopoulos

This guest commentary from Greece has been excerpted for EIR. The full text is at <http://borderlinereports.net/2013/07/09/privatizing-water-in-greece/>.

Despite the fact that international experience shows that water privatization is harmful to the interests of citizens, the Greek government is pushing ahead with privatizing water supply and sewerage companies. In this report for Unfollow magazine, the authors present several sides of the issue, including a much-debated attempt to claim the Thessaloniki water supply company for the people of the city.

July 9—“The idea that water is a human right comes from ‘extremist’ NGOs. Water is a food like any other, and must have a market value,” said the president of Nestlé in 2005. This is perhaps the only man who found it in him to label the UN, which registered water as a human right in 2010 by 122 votes in favor and 41 abstentions, “extremist”—though it has to be said that, interestingly, one of the countries that abstained was Greece.

Greece’s abstention, however, might be less surprising if one considers the ongoing attempt in recent decades to privatize water supply and sewerage companies. Currently, the process of selling 51% of EYATH (Thessaloniki Water Supply and Sewerage SA) is underway, while EYDAP (Athens Water Supply and Sewerage Company) is also scheduled to be offered up. Abroad, Portugal’s national water supply company has also embarked on the course of privatization. David Hall, director of the Public Services International Research Unit, believes that the new push for water privatization “is manipulated by the austerity policies in public spending and the cutbacks on public services imposed more strictly in the countries subject to IMF and EU bailouts.”

A Profitable Business in Spite of the Crisis

EYATH was founded in 1998, following the merger of the Thessaloniki Water Supply Organization and Thessaloniki Sewerage Organization. In 2001, the company entered the stock market and was divided into the sector of EYATH of assets, which manages infrastructure, and EYATH SA. Furthermore, 25% is ceded

from the State to individuals. The company serves the greater Thessaloniki region, where more than a million and a half people live. It is worth noting that EYATH supplies the cheapest water in Europe.

Taking advantage of a natural monopoly such as water, the company ensures large profits. In particular, during the period 2007-11, it achieved a profit of EU75.2 million, and in 2012, a profit of EU17.8 million. The company also has a reserve of EU35 million. . . .

To be sure, the company’s profits are associated with the wage cuts and personnel downsizing that has occurred in recent years, as no employees have been hired since 2003, when the last call for hiring was published. Thus, while in 1998 EYATH numbered 650 employees for a smaller population and area, it currently numbers 250, with only 11 plumbers for the whole city.

In any case, Greek public water supply companies are significantly profitable in spite of the crisis. Moreover, the State and municipalities owe the water supply companies a total sum of EU356 million, a fact which sheds a different light on the paradox of privatization: The State will lose revenue from attributed dividends, while it will have to pay its debts to the new owners of the companies with the money earned from the sale. “The winners will be the new private owners, and the citizens will be the losers,” Member of the European Parliament Kriton Arsenis told us.

The Competitors for Purchase of EYATH

On May 30, 2013 the Board of TAIPED (the Hellenic Republic Asset Development Fund, a company founded by the Greek government to implement privatizations) approved two investment schemes that will proceed to the second phase of the competition for the acquisition of the Thessaloniki Water Supply and Sewerage Company. The first consortium consists of the French company SUEZ Environment SAS (whose name has been linked to several popular uprisings against the privatization of water),¹ and AKTOR Concessions SA, owned by George Bobolas. The second

1. Democracy: “*Demos*” (the people, the whole of citizens who have civil rights) and “*kratos*” (power, rule, sovereignty).



Hellenic Republic Asset Development Fund

The Thessaloniki Water Supply and Sewerage SA (EYATH), a state-owned company, is set to be privatized. International experience has shown that this leads to higher prices and worse service for consumers, and such privatization has been reversed in Paris and other cities.

one has been set up by the Israeli company Mekorot Development and Enterprise Ltd; the Greek construction company G. Apostolopoulos Participation SA; MIYA Water Projects Netherlands BV, of American, Israeli, and Dutch interests; and TERNA Energy SA, of G. Peristeris's interests. . . .

[The authors added that: Other companies and consortia that were declared out of the running include the Citizens' Union for Water, which evolved out of Initiative K136, a group that wanted to manage the city's water through cooperatives at the neighborhood level. The funding mechanisms proposed by the group are quite strange, including money from 22 "socially responsible investors" and otherwise from "people-capitalists"—local residents, including children. Among those "assisting" the initiative were John Redwood, who was privatization advisor and then chief policy advisor to British Prime Minister Margaret Thatcher in 1983; Citigate Dewe Rogerson, who was responsible during the 1980s for the communications of almost all privatizations in the UK; and Robert Apfel, the head of the Bondholder Communications Group, who told the authors that the plan "reminds me of privatization made by Thatcher, when 62% of British Gas came into the hands of consumers. . . . The privatization of EYATH in this way might be an example for all Europe. Another proposal I am making is a way for children to participate. . . . We need to bring big state enterprises closer to the people, take them from the central state administration"—ed.]

The International Experience: The Privatization of Water Is Harmful to Citizens

All this is happening in Greece, despite the fact that there is an accumulated experience of the negative impact of the privatization of water, and an established trend of

returning water supply networks to municipal or state enterprises. The rationale of nationalization is based not only on the principle that water management should be public, because it is a public good, but even on purely economic reasons, as it has been proven that public management is in the interest of citizens and the state treasury. As said to us by Mrs. Kolokytha,

Assistant Professor, Department of Civil Engineers, Aristotle University, "When it comes to supplying populations, water must be treated as a social good that either the State or the local government is obliged to supply in an appropriate quality, sufficient quantity, and at low cost. Any private company has as its primary objective the maximization of profit and obviously does not act on the basis of the general social interest."

"The international experience shows that the privatization of water endangers citizens' access to one of the most basic goods for everyday living. A typical example is that of Britain. The privatization of water by Thatcher brought about dramatic impacts on citizens by increasing the cost by 50% during the first four years, tripling outages in households that could not afford to pay, reducing quality, increasing incidents of dysentery and leading to repeated violations of environmental legislation," says MEP Kriton Arsenis.

Among the dozens of cases, an exemplary one is that of Bolivia, where the privatization of water, which came as a condition for the IMF granting a loan, brought about unbearable increases in water tariffs (200-300%). The protests of the residents ended in tragedy as seven people died, and the government finally decided to re-nationalize the network.

Water Re-Municipalization and Referenda

Typical cases of resistance or re-municipalization can now be found in Europe as well. The most important of these is that of Paris. In 2008, the City Council decided not to renew its contract with Veolia and Suez, which had had the management of the water system since 1985. The municipality created the municipal company Eau de Paris, and in 2010, it placed under its supervision the operation of the system.

We contacted Anne Le Strat, deputy mayor and chairwoman of Eau de Paris, who explained that “the choice of re-municipalization is being guided by a strong conviction that water management must obey the public interest: Water is a public good, a vital resource to be controlled and maintained by a joint and responsible management. The reform embodies the commitment of the municipality of Paris to the values of public service.”

Thanks to the reform, significant benefits arose: Profits are estimated at EU35 million per year, while in 2011, the price of drinking water, which had increased by 260% since 1985, fell for the first time by 8%.

In Italy, a referendum was held in 2011, with Italians voting by 95% against water privatization. Cynically undemocratic external pressures attempted to overturn the result, which was however ratified in July 2012 by the Constitutional Court. In Vienna, as well, citizens rejected by 87% the privatization of municipal services, among them, that of water supply.

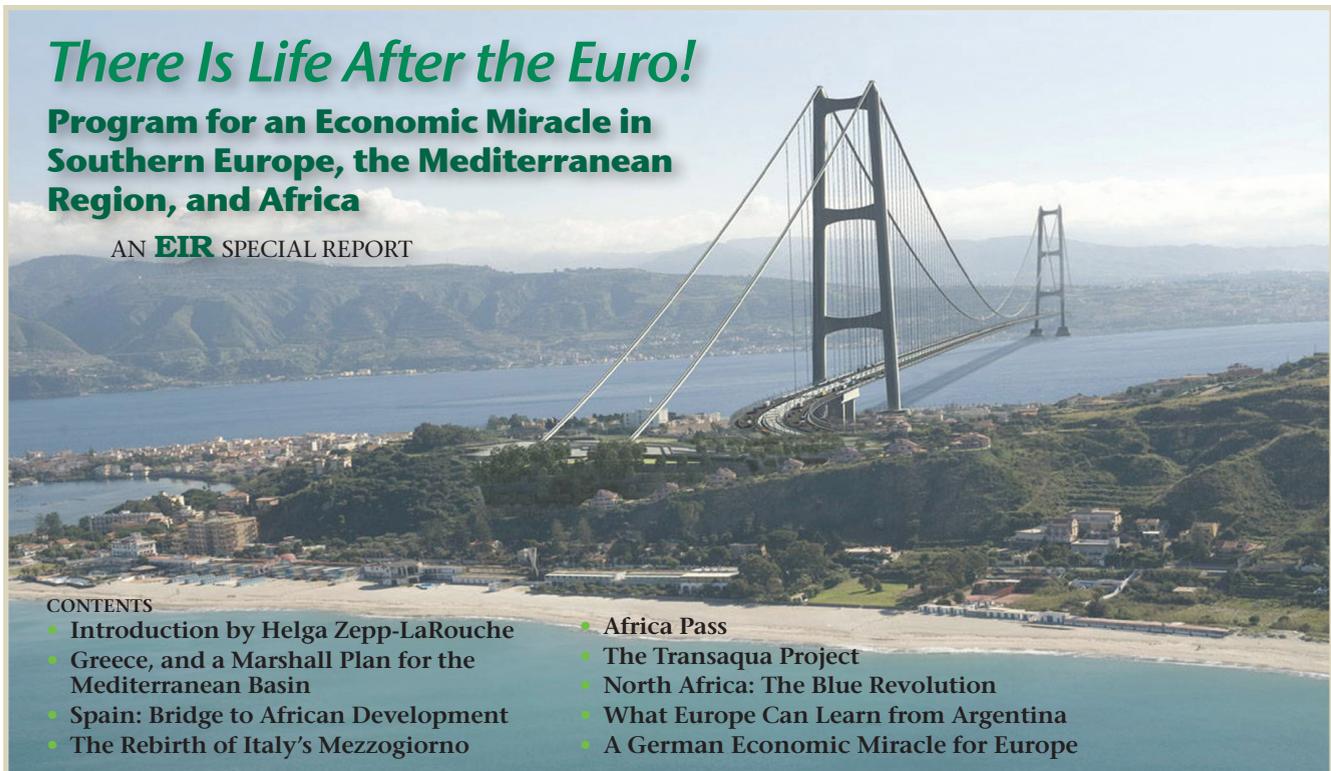
David Hall characteristically told us that “whenever submitted to a referendum, the privatization of water has been dismissed en masse.” Consequently, the proposal of the Municipality of Thessaloniki for a referendum is deemed positive, even if the outcome is not binding. The referendum gathers more and more atten-

tion, especially after the exclusion of Initiative K136, which could have constituted a second line of defense against privatization. A dominant role is now played by the initiative [SOSte to nero](#) (Save the water), which coordinates through its assemblies the efforts of agencies and organizations that disagree with the privatization.

Theoretically, the privatization of water is also opposed by all local government entities, since they have expressed, through a unanimous resolution of the Central Union of Municipalities of Greece, their complete opposition to the government’s decision to proceed with the privatization of Public and Municipal Water Supply and Sewerage Companies.

The next move belongs to the government. Will it agree to hold a referendum, with the annulment of privatization being possible? And what will be the position of the President of the Republic, who has the last word on the issue? Ultimately, who rules this country? The Suez Company and TAIPED or “the *demos*,” the people? The etymology of the form of government called “democracy”² defines the second one as the ruling force. Until today, reality has belied it.

2. Democracy: “*Demos*” (the people, the whole of citizens who have civil rights) and “*kratos*” (power, rule, sovereignty).



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LaRouche: Israeli Moves in Syria Threaten World War

by Jeffrey Steinberg

Aug. 6—Lyndon LaRouche warned on Aug. 3 that ongoing Israeli actions, including the July 5 Israeli Air Force (IAF) bombing of a depot near Latakia, Syria which held Russian-made anti-ship cruise missiles, could trigger a wider war, drawing the United States into thermonuclear conflict with Russia.

LaRouche charged that Israel's behavior is "criminally insane," adding that the financial and economic breakdown crisis in Europe and the United States has reached an advanced stage, such that any day, there could be a triggering event that leads to global conflict. He cited the period between now and the end of September as the final phase of an economic cycle, in which the prospects of a systemic crash are greatly increased, moving to the end of the fiscal year. He warned that this fact exacerbates the grave danger of an eruption of conflict. One cannot rule out the outbreak of some kind of general war between now and November, he concluded.

Israeli Detonator?

The Netanyahu government in Israel is apoplectic because war-avoidance elements within the Pentagon and the U.S. intelligence community leaked the fact of the July 5 IAF bombings to the U.S. media. It was the first and only disclosure of the latest in a series of Israeli bombing raids against targets in Syria. The fact that Russian arms are being targeted by the Israelis has profound strategic implications, and Israel had intended to keep the attacks secret.

But on July 31, Michael Gordon posted a story in the *New York Times* under the headline "Some Syria

Missiles Eluded Israeli Strike, Officials Say." Gordon report on the July 5 IAF bombing raid said that U.S. intelligence community sources believe that the raid failed to destroy all of the Russian-made Yakhont anti-ship missiles in storage. He added that "further Israeli strikes are likely."

The Gordon article was followed Aug. 2 by a story in the *Jerusalem Post*, accusing Pentagon and U.S. intelligence circles who "do not have Israeli interests at heart" of leaking the story of the IAF strikes to damage Israel. The author of the *Jerusalem Post* piece, Yaacov Lappin, accused "elements in the U.S. intelligence community, not in the Obama Administration," of being behind the damaging leaks. Prof. Efraim Inbar, of the Sadat-Begin Center, charged that the U.S. leaking of the secret Israeli raids was intended to embarrass Israel, and could lead to retaliation by the Assad government.

The U.S. Message

According to U.S. intelligence sources contacted by *EIR*, the leaks are intended to make clear that the United States is not supporting the Israeli strikes against Russian targets against Syria. Such strikes could lead to an escalation that directly draws the United States into a head-on confrontation with Russia, which has delivered weapons to the Assad government, based on longstanding government-to-government contracts.

The fact that elements in the U.S. intelligence community blew the whistle on the Israeli air strikes, including details about how the IAF conducted the air-to-surface attacks on the Latakia depot from over the

Mediterranean, was a message to Israel from the Pentagon and the U.S. intelligence community faction: Further Israeli attacks on Russian SAM sites inside Syria are not in the U.S. interest, and Israel should cut it out. The source concurred with LaRouche's evaluation that the Israeli actions are insanely dangerous and could trigger a much larger conflict.

The Gordon exposé in the *Times* comes in advance of a trip to Israel by Gen. Martin Dempsey, Chairman of the Joint Chiefs of Staff, announced for mid-August. According to one senior Pentagon source, Dempsey's message to the Israelis will be blunt: Any Israeli action against Syria or Iran is a potential trigger for general war, and must be understood as such by the top leadership of the Israeli Defense Forces. Dempsey will demand that the IDF take no unilateral actions that could be the trigger for a broader war, dragging the United States in.

Any preemptive Israeli action against Iran will also be on the agenda between Dempsey and his Israeli counterparts.

The Strategic Context

LaRouche emphasized that the madmen in London and Washington are out to start a thermonuclear confrontation, targeting Russia and China, unless they are

stopped. The intelligence leaks and the insane Israeli behavior must be seen in this overall context.

Taking the point in Washington for military escalation has been Sen. John McCain (R-Ariz.), who has specialized recently in vitriolic attacks on General Dempsey, for his unwillingness to launch war against Syria. Showing what LaRouche called a "certain degree of instability," McCain took to the floor of the Senate on Aug. 1, to attempt to refute Dempsey's July 19 letter on the dangers involved in the U.S. committing an "act of war" against Syria. McCain's so-called authority for the detailed script of his rant came from the neo-con Institute for the Study of War, a group run by the same crew that brought us the "cakewalk" in Iraq!

McCain was given his comeuppance, when he was forced to withdraw his hold against Dempsey's confirmation for a second term as JCS chairman. However, the Senator continues to beat the war drums, and to serve as one of President Obama's close political allies in the Senate. In addition to hosting McCain frequently at the White House, to discuss matters ranging from budget-cutting to foreign policy, Obama chose this warmonger, who openly pushes for a military alliance with the al-Qaeda jihadists in Syria (as he did in Libya), as his personal envoy to Egypt, allegedly to seek a deal to protect the ousted Muslim Brotherhood.

Fortunately, the U.S. channels of communication with the Egyptian military and the interim government it's protecting are not all run by the White House, but also run through the military-to-military communication. In a wide-ranging interview with the *Washington Post* published Aug. 4, Egyptian Defense Minister Gen. Abdel Fattah al-Sisi castigated the U.S. for its support for the Brotherhood, but noted that there is daily communication between U.S. Defense Secretary Chuck Hagel and the Egyptian military.

The United States is finally ending two decade-long wars that ultimately served no American strategic interests, and cost trillions of dollars and the lives of many American troops. Now, Dempsey and the Joint Chiefs of Staff, among other U.S. institutions, are concerned that, with British agent and "humanitarian interventionist" Susan Rice now running the National Security Council and having daily access to President Obama, there is a growing danger that the U.S. will be dragged into a third war. Unless British puppets Obama, and secondarily Netanyahu, are dramatically weakened now—through such actions as the passage of Glass-Steagall or moves toward impeachment—that danger can only increase to the threshold of general war.



The Al-Qaeda Executive

Financed and deployed by the British-Saudi Empire, al-Qaeda has been protected by the Obama Administration to accomplish the Empire's global war. In this feature [video](#), LaRouchePAC documents President Obama's use of the al-Qaeda networks to overthrow Qaddafi in Libya, and to carry out bloody regime-change against Assad in Syria, by the same forces who attacked the U.S. consulate in Benghazi.

www.larouchepac.com

The Muslim Brotherhood: The Many Faces of Their Majesties' Service

by Ramtanu Maitra

July 17—The July 3 removal of Egyptian President Dr. Mohamed Morsi, by a combination of forces that included public opposition by a large section of the Egyptian people and the Egyptian military, has brought into focus the historical role of the Muslim Brotherhood (**Ikhwan al-Muslimeen, or MB**). Morsi, a leading member of the MB, was the chairman of the **Freedom and Justice Party (FJP)** when it was founded by the Brotherhood in the wake of the 2011 Egyptian revolution that ousted President Hosni Mubarak. Morsi won the June 2012 presidential election as the FJP candidate, and was in power for a year.

Morsi's removal was openly welcomed in Saudi Arabia, one of the major funders of Muslim Brotherhood activities throughout the world, but condemned strongly by Qatar, which had been the most generous financier trying to keep the Morsi government afloat. Morsi's downfall is also lamented by Turkish Prime Minister Recep Tayyip Erdogan and his pro-Brotherhood AKP party. It is evident that Erdogan had developed a close ideological relationship with Morsi and the Brotherhood in Egypt.

Does this mean a split occurred within the Brotherhood over the Morsi regime's rule, or misrule, in Egypt? That is highly unlikely. Since its inception in Egypt in 1928, this international outfit has had many faces:

- In 1928, Egypt was under British control, although not a British colony, and the Brotherhood built links with British intelligence and worked to help the British.



King George VI



Queen Elizabeth II

- It formed an alliance with the Nazis during World War II.

- It then returned to serve British interests once more, trying to oust the nationalist regime of President Gamal Abdel Nasser.

- It was a key player in the rise of the Islamic jihadist groups that helped the West to push Soviet troops out of Afghanistan.

- It allowed its followers to attack the West's assets, culminating in the 9/11 attack on American soil.

- It is now back again serving the West by providing manpower for "regime change" in the Arab world and North Africa, and undermining Russian interests in Central Asia.

This circuitous route has hidden the Brotherhood's real objective from many, while enabling it to secure help from various international intelligence agencies, particularly British, and thus to spread its wings further in the Arab world, North Africa, Central Asia, and Europe.

The MB, which is an underground and secretive organization in most countries, of course requires money to operate, and needs protection. This makes it vulnerable to penetration by various intelligence agencies and also dependent on its financial patrons, such as Qatar and Saudi Arabia. Qatar's expenditure of bucketfuls of money to prop up Morsi & Co. allowed that country to get a grip on the Egyptian President, the FJP, and Egypt as a whole, thus expanding its influence beyond the shores of the Arabian peninsula. In addition, the Dubai

website Nuqudy reported that ever since Qatar’s announcement of a billion dollar loan to Egypt, the opposition to Morsi claimed that he was planning to lease or even sell the Suez Canal to the Qatari leaders.¹ The opposition’s charges stem from the financial desperation of the Egyptian government, which is in vital need of cash and foreign reserves due to its \$22.5 billion budget deficit, the Dubai-based report said.

The Early Faces of the Muslim Brotherhood

Long before the Muslim Brotherhood was formed, the British had taken control of Egypt. Following the construction of the Suez Canal by the French in 1869, which improved Britain’s connection with the Indian subcontinent under British colonial rule, and cut down the travel time from London to Bombay (now Mumbai), Britain had been looking for an opportunity to gain control of the canal, to serve its geostrategic interests.

At the time, the canal was under control of the French and Khedive Ismail Pasha, the ruler of Egypt, with Britain holding a minority share. The opportunity sought by London popped up in 1875, when it became obvious that the Khedive had gotten himself into serious economic difficulties. He approached Britain in an effort to raise money, and with Baron Rothschild dishing out the money to his good friend, British Prime Minister Benjamin Disraeli, Britain got hold of the Khedive’s shares in the Suez Canal Company. Overnight, the British went from minority shareholder to controlling shareholder.

But the money that the Khedive got for the deal was not enough to last long. By 1882, Egypt’s economic situation reached another crisis, and this time, the British and French governments initiated a “stewardship” of the finances of Egypt. This was little more than joint colonization, as British and French “experts” were sent to various ministries to take control of day-to-day business. The Khedive’s unwillingness to agree to such terms was rewarded by his forced abdica-

tion and replacement by his son Tawfiq. The small number of revolts against the Europeans were repressed by Britain with an iron hand.

In 1928, when an Egyptian schoolteacher named **Hasan al-Banna** formed the Ikhwan al-Muslimeen, Egypt was a protectorate of Britain, which controlled its finances, government personnel, and armed forces. In matters concerning the international status of Egypt, decisions were taken in London; but where the internal administration of the country was concerned, the Consul General’s opinions were usually decisive.

Although throughout the occupation, the facade of an Egyptian government, under the Khedives, was retained, British advisors attached to the various ministries were more influential than their ministers, while the Consul General steadily increased his control over the whole administrative machine.

In this milieu, the Brotherhood was set up as a religious secret society known publicly for its emphasis on Islamic education and for its charitable activities. But soon after it was formed, a British intelligence agent, **Freya Stark**, appeared on the scene in Egypt.

Stark, a self-proclaimed Jew-hater, was a wandering agent of British intelligence during the Second World War. In her book *East Is West* (1945), she compared “Fascist Rome,” “Zionist Jerusalem,” and the “British Empire.” She wrote: “The skein of the Middle East in all these centuries has gathered threads of very many colours; and no return to simple black and white will ever be possible again—whether it be the dream of Fascist Rome or Zionist Jerusalem, or that British form of empire which has become obsolete.”

Stark served with the British in the Middle East to help counteract Nazi influence in Aden, Cairo, and Baghdad. Later she was also sent on missions to the United States, Canada, and India. Once in Cairo, she soon set up the **Ikhwan al-Hurriyah (Brotherhood of Freedom)**, ostensibly to keep track of the growing German activities in North Africa. Soon she made contact with the Brotherhood and became a source for London on the many different political movements that were springing up in Egypt, with the help of Banna and his people.



Logo of the Brotherhood



Hasan al-Banna

1. http://english.nuqudy.com/North_Africa/Will_Morsi_Sell_the_2989

In other words, since its very inception, the Muslim Brotherhood has been a stool pigeon for British intelligence.

But this was not the only face of Banna's "Islamic" outfit, and the MB soon moved into its next phase, developing links with the Nazis.

Hitler with a Beard

As the Nazis rose to power in the 1930s, the Brotherhood was in the ascent in British-controlled Egypt. According to John Loftus, former prosecutor with the U.S. State Department and a former Army intelligence officer, in addition to its initial focus on social welfare and Sharia law, the Brotherhood attracted followers in Egypt and in the broader Middle East because of its anti-Jewish stand. By the end of World War II, the MB could boast of half a million members. Its founder, al-Banna, helped to distribute Arabic translations of Hitler's *Mein Kampf* and *The Protocols of the Elders of Zion*, thus fueling the rising hostility toward Jews and their Western supporters. Banna expressed his zeal in these words: "To a nation that perfects the industry of death and which knows how to die nobly, God gives proud life in this world and eternal grace in the life to come," and, "We are not afraid of death, we desire it. . . . Let us die in redemption for Muslims."

"Mr. al-Banna was a devout admirer of a young Austrian writer named Adolf Hitler. His letters to Hitler were so supportive that when Hitler came to power in the 1930s, he had Nazi intelligence make contact with al-Banna to see if they could work together," Loftus said.² The Brotherhood's political and military alliance with Nazi Germany blossomed into formal state visits, de facto ambassadors, and overt and covert joint ventures.

When World War II broke out, Banna worked to firm up his alliances with Hitler and Mussolini. He sent them letters and emissaries, and urged them to assist him in his struggle against the British and the westernized regime of Egypt's King Farouq. The intelligence service of the Muslim Brotherhood, even while penetrated by British intelligence, established a spy network for Nazi Germany throughout the Arab world, collecting information on the heads of the regime in Cairo and



Haj Amin Effendi al-Husayni

on the movements of the British Army, offering this and more to the Germans in return for closer relations.

Loftus also spoke about another prominent member of the Brotherhood, **Haj Mohammad Effendi Amin al-Husayni**, who was both the organization's representative in Palestine and the **Grand Mufti of Jerusalem** (a position that was appointed by the British, while Palestine was under British occupation, 1917-48). Before becoming Grand Mufti in 1921, al-Husayni had been a principal organizer of the 1920 "Bloody Passover" massacre of Jews who were praying at Jerusalem's Wailing Wall.

While the Grand Mufti's Nazi connection is widely known, his rise to power was British-Zionist handiwork. Though himself a Jew, Sir Herbert Samuel, the British High Commissioner of the Palestine Mandate and a Zionist (his appointment as High Commissioner was welcomed by the Zionists at the time), appointed al-Husayni in spite of vigorous protests from most Palestinian Arabs, as well as from Jewish settlers.

Following a failed attempt to create a pro-Nazi uprising in Iraq, the Grand Mufti fled to Europe to organize Arab forces disguised as SS divisions for the Third Reich. Though a war criminal, the Grand Mufti and his troops were spirited away from prosecution in Egypt by the British secret service, Loftus noted.³

The first known direct contact between British officials and the Brotherhood came in 1941. Immediately thereafter, the Brotherhood began its next phase: the establishment of the widely feared "secret apparatus." Beginning in 1941-42, the Ikhwan set up this private intelligence arm, which rapidly became a widespread terrorist, paramilitary, and intelligence branch of the Brotherhood.⁴

Mark Curtis points out in his book (see footnote 2) that by 1942, Britain had definitely begun to finance the Brotherhood. On May 18, 1942, British Embassy officials held a meeting with Egyptian Finance Minister **Amin Osman Pasha**, in which relations with the Brotherhood were discussed, and a number of points were

2. Mark Curtis, *Secret Affairs: Britain's Collusion with Radical Islam* (London: Serpent's Tail Ltd, 2010).

3. Ami Isseroff, "[The Muslim Brotherhood—Hitler—Al-Qaida.](#)"

4. "Muslim Brotherhood: London's Shock Troops for the New Dark Ages," *EIR*, May 8-May 14, 1979.



Adolf Hitler with the Grand Mufti of Jerusalem, Haj Amin Effendi al-Husayni, in 1941. The Mufti's ties with the Nazis are well known, but his British sponsorship is less so.

agreed upon. One was that “subsidies from the Wafd [Party]—a moderate nationalist party—to the Ikhwan al Muslimeen would be discreetly paid by the [Egyptian] government and they would require some financial assistance in this matter from the [British] Embassy.” In addition, the Egyptian government “would introduce reliable agents into the Ikhwan to keep a close watch on activities and would let us [the British] have the information obtained from such agents. We, for our part, would keep the government in touch with information obtained from British sources.”

The Cold War Face

The defeat of the Nazis and the assassination of al-Banna in 1949, after Brotherhood members had assassinated the Egyptian prime minister, did not prevent the Brotherhood's growth in Egypt. Through a complex process, the group's relations with Britain continued to flourish. In October 1951, the MB elected as its new leader a former judge, **Hassan al-Hodeibi**, who made known his opposition to the violence of 1945-49. In 1951, the Brotherhood called for a jihad against the British, including attacks on Britons and their property. But, it was a dog-and-pony show.

Curtis writes: “A British embassy report from Cairo in late 1951 stated that the Brother-



Hassan al-Hodeibi

hood ‘possess[es] a terrorist organisation of long-standing which has never been broken by police action’, despite the recent arrests. However, the report otherwise downplayed the Brothers’ intentions towards the British, stating that they were ‘planning to send terrorists into the Canal Zone’ but ‘they do not intend to put their organisation as such into action against His Majesty’s forces’. Another report noted that although the Brotherhood had been responsible for some attacks against the British, this was probably due to ‘indiscipline’, and it ‘appears to conflict with the policy of the leaders.’”

In December 1951, Curtis notes, the files show that British officials were trying to arrange a direct meeting with Hodeibi. Several meetings were held with one of his advisors, **Farkhani Bey**, about whom little is known, although he was apparently not himself a member of the Brotherhood. The indications

from the declassified British files are that Brotherhood leaders, despite their public calls for attacks on the British, were perfectly prepared to meet them in private. By this time, the Egyptian government was offering Hodeibi “enormous bribes” to keep the Brotherhood from engaging in further violence against the regime, according to the British Foreign Office.

In July 1952, a group of young nationalist army officers, committed to overthrowing the Egyptian monarchy and its British advisors, seized power in a coup, and proclaimed themselves the **Council for the Revolutionary Command (CRC)**, with **Gen. Muhammad Naguib** as chairman, and **Col. Gamal Abdel Nasser** as vice-chairman. The coup was a joint project of many foreign intelligence networks in conjunction with Egyptian Army officers, especially British, American,

and French-linked forces, along with core Egyptian nationalists. However, some analysts claim that General Naguib was closely linked to the Brotherhood, as was **Anwar Sadat**, who later became President of Egypt and was assassinated. When Finance Minister Amin Osman Pasha was assassinated in 1946, Sadat was arrested for his murder.

Curtis points out that the Muslim Brotherhood, pleased to see the back of

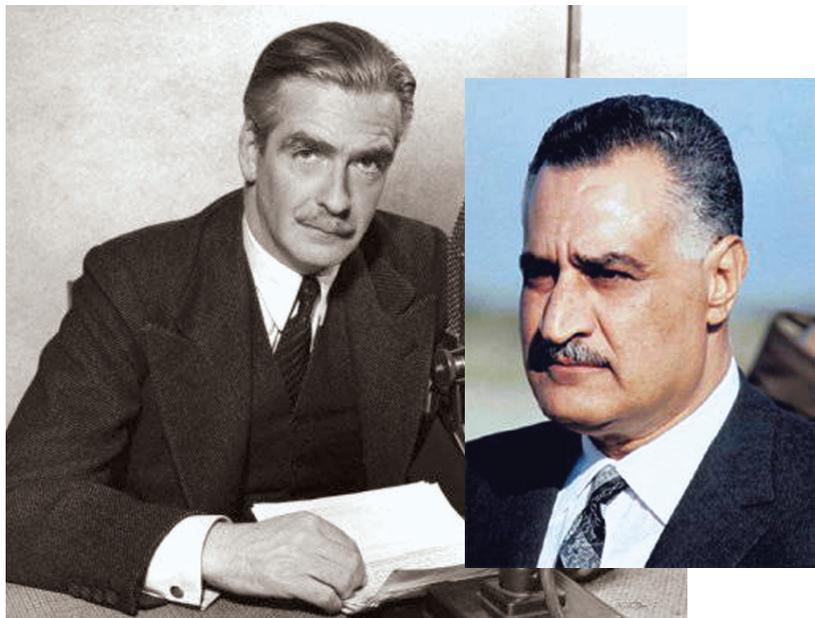
the King's pro-Western regime, initially supported the coup, and indeed had direct links with the Free Officers. One of them, Sadat, later described his role as the pre-coup intermediary between the Free Officers and Hassan al-Banna. "He was clearly one of the Free Officers on whose association with them the Brethren counted to help further their political aims," Britain's Ambassador to Cairo, Sir Richard Beaumont, later wrote, after Sadat had succeeded Nasser as President in 1970.

The Brotherhood's problem was Prime Minister Gamal Abdel Nasser. They considered him and his supporters as insufficiently devout, but Nasser was popular and was hated by the British.

Nasser responded to the hostilities of the Brotherhood by charging them with having set up an armed organization to seize power by force. On Oct. 26, 1954, a gunman shot at Nasser as he delivered a speech in Alexandria. Nasser's government blamed the Brotherhood, and thousands of its members were rounded up. The banning of the Brotherhood was a setback for the Western powers that wanted Nasser out, or dead.

On the other hand, Nasser was trying to stabilize Egypt by undermining subversive forces such as the Brotherhood and its British ally. He moved quickly to modernize and industrialize the country, and to assert his nation's independence. He reached out to the United States and to the World Bank to help him finance the construction of the Aswan Dam, but when they both refused, he was forced to turn to the Soviet Union.

On July 26, 1956, Nasser did what should have been done decades before: He evicted the British colonials from the Suez Canal zone. "On 26 July in Alexandria, in a calm speech, but one that was described by London as hysterical, Nasser made his nationalization announcement, which from a strictly legal point of view was no more 'than a decision to buy out the shareholders.' That night in Downing Street, [British Prime Minister Anthony] Eden's bitterness at the decision was not concealed from his guests. . . . Eden summoned a council of war, which continued until 4 a.m. An emotional Prime Minister told his colleagues that Nasser could not be allowed, in Eden's phrase, 'to have his hand on our windpipe.' The 'Muslim Mussolini' must be 'de-



British Prime Minister Anthony Eden despised Egyptian President Gamal Abdel Nasser (right), ordering a Foreign Office official: "What's all this nonsense about isolating Nasser or 'neutralizing' him, as you call it? I want him destroyed, can't you understand? I want him murdered."

stroyed.' Eden added: 'I want him removed and I don't give a damn if there's anarchy and chaos in Egypt. . . . Former Prime Minister Churchill had fueled Eden's fire by counseling him about the Egyptians, saying, 'Tell them if we have any more of their cheek we will set the Jews on them and drive them into the gutter, from which they should have never emerged.'"⁵

Sir Anthony Nutting, a member of the Foreign Office at the time, recalls an irate phone call from Eden who was upset at the slow pace of the campaign against Nasser. Eden raged, "What's all this poppycock you've sent me? . . . What's all this nonsense about isolating Nasser or 'neutralizing' him, as you call it? I want him destroyed, can't you understand? I want him murdered. . . ."⁶

The Present Face of the MB: Hired Assassins of the West and Saudi Arabia

Nasser's arrest of its leaders and banning of the organization did not kill off the Brotherhood in Egypt. It had already sunk its roots deep inside the country, and

5. Stephen Dorril, *MI6: Inside the Covert World of Her Majesty's Secret Intelligence Service* (New York: Free Press, 2000).

6. Evelyn Shuckburgh, *Descent to Suez, Foreign Office Diaries 1951-1956: From Churchill's last government to the Suez Crisis under his handpicked successor, Anthony Eden* (London: W.W. Norton, 1986).

as Sadat's case shows, it had its facilitators inside the Army as well. One reason perhaps was that the Egyptian population was not fully aware of who the controllers of the Brotherhood were, and considered it as an indigenous outfit that opposed the Western colonial forces. The Brotherhood's formal opposition to the Israeli occupation of Palestine could have been yet another factor in its survival.

The other reason, of course, was the intensification of the Cold War, and the Brotherhood was considered by a section of anglophile Western policymakers as the poison that could kill the Soviet Union. This was exhibited in the 1980s, when the Soviet Army invaded Afghanistan, and the West and the Saudis, among other Sunni Persian Gulf Arabs, brought in killers waving the Islamic Jihad flag. These were the Brotherhood's followers, working under different organizational structures.

Nonetheless, what Nasser's banning of the Brotherhood did accomplish was the internationalization of the Brotherhood, bringing under its rubric various militant Sunni groups widely identified as the Salafis and Saudi Arabia's poison pill, the Wahhabis. These forces were very much in the spotlight during the recent rise of the Muslim Brotherhood in Egypt, following the dismantling of the Mubarak regime, which put Morsi, a U.S.-educated Egyptian engineer, at the helm in Cairo.

Following Nasser's banning of the outfit, most of the Brothers ended up in Saudi Arabia, but not all. Some fled to Syria, where students returning from Egypt in the 1930s had founded a branch. Eventually, the Syrian government would grind them under its heel and send the Brothers scurrying again, mostly to Saudi Arabia, but some to West Germany (where they would establish the cells that set the stage for Sept. 11, 2001). Others remained in Syria, driven underground, but not out of existence.⁷

But nobody contributed more than Her Majesty's Service in Britain in bringing these scattered jihadis under loosely bound organizations and making them flourish. The British protection of Islamic terrorist leaders began years ago, although it is difficult to nail down exactly when.

Radio Free Kabul was formed almost immediately after the 1979 Soviet invasion of Afghanistan, by **Lord Nicholas Bethell**, a former lord-in-waiting to Queen

7. Robert Baer, *Sleeping with the Devil* (New York: Crown Publishers, 2003).

Elizabeth II. Lord Bethell had served in the Mideast and Soviet sections of MI6. The **Committee for a Free Afghanistan (CFA)** was founded in 1981 in the aftermath of a trip by **Prime Minister Margaret Thatcher** and Lord Bethell to the United States, dedicated to building support for the mujahideen. It provided funds for almost all the "Peshawar Seven" groups of mujahideen.

Osama bin Laden ran the Jihad Committee, which included the Egyptian Islamic group, the Jihad Organization in Yemen, the Pakistani al-Hadith group, the Lebanese Partisans League, the Libyan Islamic Fight-

Nasser on the Brotherhood

This undated video clip, with subtitles, appears at <http://www.youtube.com/watch?v=TX4RK8bj2W0>. The brief remarks are punctuated with laughter and applause from the hall—an indication of the cultural shift that has taken place since that time.

Nasser: In 1953, we really wanted to cooperate with the Muslim Brotherhood, if they were willing to be reasonable, so I met with the head of the Brotherhood. He ate with me and made his requests. The first thing he asked was to make wearing the *hijab* mandatory in Egypt, and that every woman walking in the street wear a *tarha* [scarf]. [laughter] Every woman walking!

Male voice from the hall: Let him wear it! [laughter, applause]

Nasser: And I told him that if I made such a law, they would say that we had returned to the days of al-Hakim bi-Amr Allah [996-1021], who forbade people to walk during the day and only allowed walking at night.

My opinion is that everyone in their own house decides the rules. He replied, "No, as the leader, you are responsible."

I told him, "Sir, you have a daughter in the School of Medicine, and she does not wear the *tarha*. Why didn't you make her wear the *tarha*? If you are unable to make one girl—who is your daughter—wear the *tarha*, how do you want me to put the *tarha* on 10 million women, by myself?"

ing Group, the Bayt-el-Imam group in Jordan, and the Islamic Group in Algeria. He had already established a bureau in London, according to reports.

According to Michael Whine's September 2005 Hudson Institute paper, "The Advance of the Muslim Brotherhood in the UK," in 1996, the first representative of the MB in Britain, **Kamal el-Helbawy**, an Egyptian, stated, "There are not many members here, but many Muslims in Britain intellectually support the aims of the Muslim Brotherhood." He added that at that time, the object of the MB in Britain was only to disseminate information on Islam, Islamic issues, and movements, and to rectify the distortions and misunderstandings created by "different forces against Islam." In September 1999, the MB opened a "global information centre" in London. A press notice published in *Muslim News* stated that it would "specialize in promoting the perspectives and stances of the Muslim Brotherhood, and [communicate] between Islamic movements and the global mass media."

In July 1998, a former British MI5 officer, **David Shayler**, revealed that in February 1996, British security services financed and supported a London-based Islamic terrorist group, in an attempted assassination of Libyan leader Muammar Qaddafi. Then-British Foreign Secretary Malcolm Rifkind, in an interview with the British *Daily Mail*, sanctioned the action. Speaking to the BBC on Aug. 5, 1998, Shayler said: "We paid £100,000 to carry out the murder of a foreign head of state. That is apart from the fact that the money was used to kill innocent people, because the bomb exploded at the wrong time. In fact, this is hideous funding of international terrorism."

The Saudis complained several times to the British authorities about the activity of the expatriate **Mohammed al-Massari**, who called for the overthrow of the House of Saud, and asked for his extradition with particular insistence. He was rumored to be allied to Osama bin Laden, who apparently was maintaining a residence in the wealthy London suburb of Wembley. According to the same sources, London is also the headquarters of bin Laden's **Advise and Reform Commission**, run by **Khaled al-Fawwaz**.

On Nov. 17, 1997, the **Gamaa-al-Islamiya** group carried out a massacre of tourists in Luxor, Egypt, in which 62 people were killed. Since 1992, terrorist attacks led by this gang have claimed at least 92 lives. Yet, according to the Egyptian authorities, the leaders of this organization have been provided with political



Creative Commons/Jonathan Rashad

Mohamed Morsi, the Muslim Brotherhood leader who was President of Egypt from June 30, 2012 to July 3, 2013.

asylum in Britain, and repeated efforts to have them extradited met with stern rebuffs.

On Dec. 14, 1997, British Ambassador to Egypt David Baltherwick was summoned by Egypt's then-Foreign Minister Amr Moussa and handed an official note, demanding that Britain "stop providing a safe haven to terrorists, and cooperate with Egypt to counter terrorism." In an interview with the London *Times* the same day, Moussa called on Britain "to stop the flow of money from Islamic radicals in London to terrorist groups in Egypt, and to ban preachers in British mosques calling for the assassination of foreign leaders." The *Times* added that Moussa was "outraged by reports that £2.5 million had come from exiles in Britain to the outlawed Gamaa-al-islamiya."⁸

Or, take the case of **Yusuf al-Qaradawi**, the spiritual leader of the MB. He was imprisoned under King Farouq in 1949, then three times during the reign of President Nasser, until he left Egypt for Qatar in 1961. He arrived in London in 2004, according to the **Muslim Association of Britain (MAB)**. On Aug. 11, 2004, Anthony Browne, in his column with the *Spectator*, titled "The Triumph of the East," pointed out that Qaradawi, who was welcomed by the leftist Mayor of London, Ken Livingstone ("Red Ken"), in his broadcast in 1999, according to the Middle East Media Research Institute, had said: "Islam will return to Europe. The conquest need not necessarily be by the sword. Perhaps we will conquer these lands without armies. We want an army

8. Hichem Karoui, "The British Connection: Is there an Islamist Conspiracy against the West run from London?" Media Monitors Network, Sept 24, 2001.

of preachers and teachers who will present Islam in all languages and in all dialects.”

Al-Qaradawi returned to Egypt in 2011 in the wake of the Egyptian Revolution.

Londonistan: Refuge of Islamic Terrorists

Because of the myriad of Islamic terrorist outfits that operate from Britain under the protection of MI6 and the British government, it was the French who began to call the British capital “Londonistan.” In the 1990s, the French security services became alarmed and frustrated by the growing presence of Algerian Islamists who used London as a rear base from which to conduct their terrorist campaign against France. They were mostly, but by no means all, members of the **Armed Islamic Group (Groupe Islamique Armée, GIA)**.

According to French sources, the GIA, which was responsible for the assassination of Algerian President Mohamed Boudiaf on June 29, 1992, has its international headquarters in London. **Sheikh Abu Qatabda**, who has recently been extradited to Jordan, and **Abu Musab** communicated military orders to GIA terrorists operating in Algeria and France via the London-based party organ, *al-Ansar*.

Sheikh Abu Qatabda was granted asylum in Britain in 1992, after he was condemned to death in Algeria for acknowledging responsibility for a bombing at the Algiers Airport. A third London-based GIA leader, **Abu Fares**, oversees operations against France. He was granted asylum in Britain in 1992, after he was condemned to death in Algeria for acknowledging responsibility for the same operation that killed 9 people and wounded 125 at the Algiers Airport. He was also suspected of bombing three Paris train and subway stations and an open-air market. France sought the extradition of some of the terrorists in connection with the bombings in Paris during the 1980s. The British authorities took the view, however, that they should be granted asylum, provided they had committed no crimes on British soil.

Among the Arab Islamist ideologues who had been granted asylum—and in some cases, the indefinite right to stay, or even British citizenship—was **Rashid Gannouchi**, who heads the Tunisian **Ennahda** party. Gannouchi had left Tunisia on completion of a prison sentence for terrorist offenses in 1989. After 22 years in Britain, he returned to Tunisia to take control of the Brotherhood, following the fall of President Zine el

Abidin Bin Ali in 2001. In 2012, he was awarded the Royal Institute of International Affairs’ prize by Prince Andrew, Duke of York, for “the successful compromises achieved during Tunisia’s democratic transition.”

Beside the **Libyan Fighting Group** members, who were sent back to Libya in 2011 to kill Qaddafi, Britain protected and allowed to flourish the Syrian expatriate **Omar Bakri Fostock** (aka **Omar Bakri Mohammed**), who, with another Syrian expatriate, **Farid Kassim**, founded a branch of **Hizb ut-Tahrir (Islamic Liberation Party, HT)** in 1986. He had arrived in Britain, after being expelled from Saudi Arabia, to where he claims he had fled from Syria after the late President Hafez al-Assad’s crackdown on the MB. In Saudi Arabia he claims that he was active in another group with a similar ideology, **al-Muhajiroun (The Emigrants)**. HT has now become an international terrorist outfit with a strong presence in Central Asia, Pakistan, and northern Lebanon.

In 2006, National Public Radio, citing a *New Statesman* article, pointed out that Britain was “planning” to engage with the Muslim Brotherhood. NPR said: “Well, the memo is from a senior member of the Foreign Office’s Israel, Arab, and North Africa Working Group. And it is part of the broader strategy within the British Foreign Office called ‘Engaging with the Islamic World.’ This person is suggesting to other various senior members within the British government that they should, indeed, engage with political Islam and engage specifically with the Muslim Brotherhood in Egypt, and also recommending that the U.S. and EU countries do the same. There has been an MI6 study within the British government that says that there is no direct violence that is caused by the Muslim Brotherhood, although some donations are probably finding their way towards Hamas and other people. . . .”

Finally, a glimpse of what some of the British security people think of the MB: Dr. Robert Lambert, the former head of the London Metropolitan Police’s Muslim Contact Unit, wrote, in a Dec. 5, 2011 article in the *New Statesman*, that “Britain can be proud of how it has provided a safe haven for members and associates of the Muslim Brotherhood during the past three decades. Many escaped imprisonment and torture in countries run by corrupt dictators strongly supported by the West until the Arab spring. Now some are returning to their countries of origin to help build new democracies and bulwarks against future dictatorships in the Arab world.”

An Agreement Among Leading Nations Can Change the Direction of History

Aug. 5—*Lyndon LaRouche was interviewed by Zhang Mian of Xinhua, the official news agency of the People's Republic of China, on July 27, 2013. The interview was translated into Chinese, and posted on Xinhuanet on Aug. 3.*

Xinhua: I would like to start with the NSA surveillance program which was revealed by Edward Snowden and other whistleblowers. A few weeks ago, I did an interview with Jeff Steinberg, one of the counterintelligence experts of *EIR*. He told me that the U.S. Congress and courts don't do their job, which consequently made this kind of massive surveillance of innocent U.S. citizens possible, and that the United States is moving toward a Big Brother dictatorship. So, my question is, if this is really happening in the United States, what is to be done in order to get this country back on track?

Lyndon LaRouche: Well, the situation might be as bad as described ... but it's still a fight. And, as in many cases of nations, throughout history, the fight has been in the form of a struggle to change or improve the direction of society generally. We're in such a situation right now in the United States.

We have a very serious and increasingly effective movement toward a change in the policy of the United States, which could be realized in the weeks and months immediately ahead. It's at least a chance to succeed. And in many things, as many nations have experienced in their own time, what you do as a nation is, you try to succeed in what is necessary to happen, and you struggle for that, even over

successive generations, or in new generations.

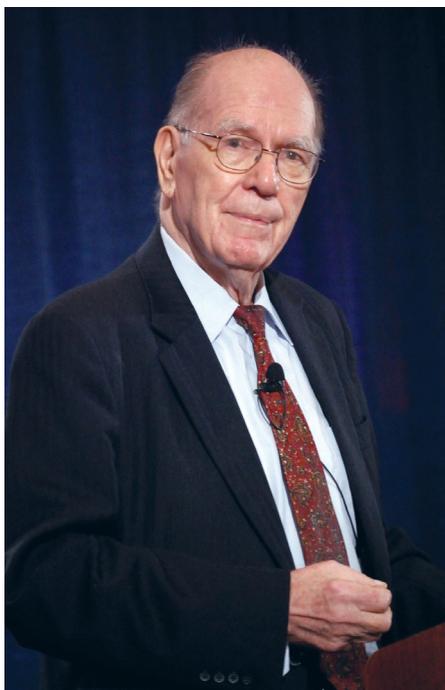
And that's where we are now. We have a growing movement in the United States, which is partly a response to the hatred against Wall Street and what Wall Street and the British Empire represent. And that's exactly the way to put it. We have actually a growing movement. It's already significant. It has significant leadership and significant support, which could possibly cause a complete change in the policy of the United States.

From my standpoint, that change is absolutely necessary. Because the danger is not some minor thing; the danger is an imminent threat of global thermonuclear war. And all the things that are happening which are bad, are really tantamount to the launching of thermonuclear war. And thermonuclear war, if organized on a full scale today, would be the virtual extinction of the human species.

So therefore, we're at the most serious struggle in the entire history of mankind. For the first time in human history, it is possible that the human species might become extinct. And apart from the other issues which we have to fight for, that is the one which is most prominent.

You'll find, for example: Some people in the United States actually want a war. The President of the United States currently wants a war. I don't know if it's his own opinion, or something shoved on him, but it's what he's expressing. And if that war were to occur, civilization would probably go extinct.

Therefore, as Gen. [Martin] Dempsey, [chairman] of the Joint Chiefs of Staff has emphasized, we



EIRNS/Stuart Lewis

Lyndon LaRouche

must not have that war. And that's where we stand.

Otherwise, the chance is that we could win, that the United States could come back, begin to fight its own issues, which would be beneficial to the world. Europe is in a terrible condition. We're in a less terrible condition than Europe right now. But that's where it stands.

I'm committed, and my associates are committed, and this is a realistic commitment: We are determined, by all the means available to us, to prevent this from happening.

If We Win with Glass-Steagall, We Win

Xinhua: As an economist, you've committed yourself to establish a new world economic order, and you claim that Wall Street is going to collapse, the world economy is going to collapse. Why do you think that the world economy is in such a mess?

LaRouche: Because I know it. I'm an expert in this area, and I will stand up against anybody on that issue.

I know, and I know with certainty, that we're in such a situation.

Xinhua: Can you give us some evidence or indication of that?

LaRouche: You just take a look at what we're doing in the United States. The United States has been destroying itself since the assassination of President Kennedy. If you actually knew the history in detail of the economy of the United States—the United States economy has been in a long run of decline in its productive powers of labor, and the conditions of life of our people, since the assassination of John F. Kennedy as President. That's the trend.

Now we've come to the end of that process. We've had presidents who are actually pieces of filth, evil, and they are generally under Anglo-Dutch influence. The Anglo-Dutch influence is what we recognize as the enemy of the United States, the enemy of civilization. They have been an enemy of this civilization ever since the Anglo-Dutch Empire was established at the end of the 17th Century in Europe. And we in the United States were fighting against this, from that period of that century: the Massachusetts Bay Colony, for example, which was crushed by the Anglo-Dutch forces, and the attempt to crush the United States itself.

Then you have the treason inside the United States, with Wall Street and so forth. If Wall Street survives, the world will go to hell. And these are life-and-death issues now.

Xinhua: We know that you've been pushing the re-

vival of Glass-Steagall for years, so why is the Glass-Steagall Act so important, and how will it benefit the U.S. economy, as well as the global economy?

LaRouche: Anything except Glass-Steagall will be an absolute disaster. The failure to implement Glass-Steagall now would probably be the end of civilization. Because it would lead immediately to the thermonuclear war threat. In the Middle East, it's already there. And certain developments in the Middle East could immediately move into an area of that kind of warfare.

But, that's where we stand.

We're at the point, if we cannot get Glass-Steagall through, the United States will disintegrate, and I mean, immediately. The disintegration for this Fall is a very probable likelihood. If we win with Glass-Steagall, we win.

But the problem is, most people don't understand what Glass-Steagall represents. Glass-Steagall is actually something which was founded by President Franklin Roosevelt, which was a real re-enactment and affirmation of the original Constitution of the United States. Since that time, we in the United States have been largely the victims of the British Empire, and the British Empire *is an empire!* It's the biggest empire that ever existed on this planet—it's the Anglo-Dutch Empire. And we're up against it. We're fighting against it.

But if we put Glass-Steagall in, I will be able to assure you absolutely, that our policy will be in a direction which will avoid this warfare, and will end the process of depression which is running throughout the world.

Let Nations Become Nations Again

Xinhua: Okay, I understand. And the United States and China have been having a dispute over the trade restrictions. In fact, Chinese investment in the U.S. can arguably benefit the U.S. economy, by stimulating its economic growth and creating more jobs. According to a report issued by a non-profit organization called the Asia Society last year, investment from China has created more than 10,000 jobs for Americans.

Within this context, the Obama Administration is still implementing a series of trade restrictions against China. So, I would like to know, how do you evaluate Obama's China policy?

LaRouche: Well, it's not really Obama's policy. It's nominally his policy. He's essentially a puppet, and what you've got with the Snowden case, is really a reflection of certain parts in the United States, of what the

global reality is. These were, as you know, relatively young people who were working in a very significant role inside the U.S. system. They then realized that they were being used for purposes entirely contrary to their intention.

And so therefore, Snowden, who is only one of these many people—and they do have special skills—Snowden has put himself on the line, together with others, to destroy what is being done to the United States now, under this current policy of the Obama Administration.

However, Obama is not as important as people think he is. He's important because anybody who's made President of the United States, has a certain kind of importance and means of enforcing that sort of view. But the real thing is a group of people, of the type I know, the Wall Street gang in its present form—and the Wall Street gang is an adjunct of the British business, or the British-Dutch Empire.

So, the point is, we have to destroy this power. There's no other way you can solve it.

Now, as to China itself: China is now inevitably, with the collapse of Europe, which is now coming on fast—and the collapse of the United States, which is coming only slightly slower than Europe—under those conditions, China's economy is going to collapse too. Not as rapidly as Europe or the United States, but rapidly. And therefore, there is no economic solution, unless we defeat this process.

The potential solution is to get rid of the Anglo-Dutch system, a revolt against what's been done to Europe, the euro system. Crush it, get rid of it. Let the nations become nations again.

Look at what's happening in Spain; what happened in Greece. The genocide that is going on in Europe under the influence of the Anglo-Dutch interests is immense.

So, therefore, we have to create a new world, a new world which is based on a commitment to high technology, because only by increasing the technological potential of the nations of the planet, can we possibly work our way out of this problem. That could be done. China is potentially a very important part of the world *now*. Because if China were able to operate within an atmosphere of the world, which is moving upward, rather than downward—the downward trend in Europe and in the United States is hitting China now. And China should be doing much more high-technology things, but that has to be possible.

We *can* create, if we win this fight, an agreement among leading nations of the world, to change the general direction of the history of this planet in modern times. And we have to do it. Because we have to increase all kinds of resources which we don't have now, if we're going to maintain mankind on this planet.

Xinhua: A few months ago, in May 2013, particularly, China bought \$25.2 billion in U.S. Treasury notes and bonds. China's holdings of U.S. federal debt has reached a record \$1.3 trillion—that's a really huge amount. What is your opinion on this?

LaRouche: Well, I think there has to be a technological solution. Presuming we get the kind of agreements which we need, the kinds of agreements among nations—and China is a key nation in this whole process—China has to be an active factor in making the decisions which are going to be required, if we get rid of this problem. And it will mean a change in China's orientation, because China will move into a greater emphasis on high-technology development, than now. And more emphasis on the increase of the productivity of the Chinese labor force.

The idea is to increase the power, per capita, of the China population. And under those conditions, China will have a greater self-independence, which is a very important factor. That is, not to depend entirely on exports, but to have a self-increase of the productivity of the labor force of China. And with a higher technology, that can be achieved.

But what's also needed is cooperation among nations to create that effect.

The 'Asia Pivot'

Xinhua: The next question is on the subject of the Pentagon's Asia rebalance strategy. In 2009, the Pentagon raised the concept of Air-Sea Battle, which aims at addressing asymmetrical threats in the Western Pacific. A recent *EIR* article points out that it is actually a plan for war on China, which may well lead to an arms race with the United States, and could culminate in a thermonuclear war.

So, I would like to know your comments on the Air-Sea Battle strategy, and how should the two nations avoid the "Thucydides trap."¹

1. Gen. Martin Dempsey, on May 1, warned against the U.S. falling into a "Thucydides trap," a reference to Athens' fear of a rising Sparta, which made the Peloponnesian War inevitable: "We don't want the fear of an emerging China to make war inevitable. So, we're going to avoid the Thucydides trap."

LaRouche: The first thing, is that the United States should be an ally of China in this whole proposition. Because if Russia, which is much weaker than China in many respects, and China—and you’ll probably find that even Japan, which is not always friendly to China—would also have to go in the same direction, as well as many other parts of the world. Under those conditions, peaceful conditions, we actually will end up with alliances with a large number of nations of the planet, who, knowing that we’re on the edge of thermonuclear war—it’s not a possibility, it’s almost a certainty, that if certain things happen, and certain things don’t happen at the same time, then we’re going to be in thermonuclear war.

And it could be before the end of this year. Could be in November. Could be even in October. We’re that close.

So, therefore, all our actions and our thinking, including my own action, are based on the knowledge that we are faced with the *immediate* threat, in terms of a few weeks or months, of thermonuclear war, full-scale. And very few people on the planet really know how serious thermonuclear war is, how quick it is. It takes one hour and a half to virtually destroy civilization.

Xinhua: So what do you think we should do in order to avoid such a disaster, a tragedy?

LaRouche: Well, what I’m doing immediately, of course, is leading this particular charge, which is coming with increasing support during the continuing Summer of this year, for Glass-Steagall. The passage of Glass-Steagall will do two things: Number one, it will bankrupt Wall Street and London, immediately. In turn, it will also create a market for the increased productivity of the United States.

Now that’s going to be a difficult problem, because the ruin of the U.S. economy, which began to hit at about the same time as the assassination of President John F. Kennedy, that long wave has hit the United States. So, we have a very much weakened nation, in terms of potential. But, if we as nations are allied, to prevent the Anglo-Dutch intention for general warfare, nuclear warfare, we can come out of it.

But the important thing is to turn conflict into a source of alliances, on this issue. And that issue will only work if we are actually promoting technologically progressive improvements in productivity.

Xinhua: Well, I think that’s it for my questions. Thank you very much, Mr. LaRouche, for joining me.



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Glass-Steagall Resolution Introduced in California

by Harley Schlanger and Nancy Spannaus

Aug. 6—California has become the 25th state in the nation in which a resolution has been introduced calling on Congress to pass Glass-Steagall legislation, which is now before both Houses of Congress. The measure, ACR 73, was introduced Aug. 5 by Assemblyman Roger Hernandez, a Democrat from Los Angeles, and, so far, has one co-sponsor. As a “concurrent” resolution, it can be brought before the Senate, as well.

In its preface, the resolution states that the “measure would urge the President and the Congress of the United States to enact federal legislation to protect the public interest by reviving the separation between commercial banking and speculative activity embodied in the Glass-Steagall Act.”

The action for Glass-Steagall in California at this time underscores the fact that LaRouchePAC activists and concerned citizens are not taking an “August vacation” as is the U.S. Congress, but are still on a full-fledged mobilization to save the nation from Wall Street’s murderous assault. The drive for passage of the Glass-Steagall resolutions in the Congress, which, at the time of recess, had 75 sponsors in the House (H.R. 129) and 9 in the Senate (S. 985 and S. 1282), is going to be expanded at town meetings, conventions, and every other opportunity around the country, in the period leading up to Congress’s return.

What ACR 73 Says

In the following “Whereas” clauses, the resolution describes what Glass-Steagall did; that it was repealed

in 1999, which allowed commercial banks to engage in “speculative activity [which] worked against the public interest by placing the commercial banks themselves in financial jeopardy and contributing to the Great Recession”; states that Dodd-Frank “does not provide the same level of protection . . . as the provisions of the Glass-Steagall Act”; and that the “public interest will continue to be at risk until commercial banks are prohibited from engaging in speculative activity again.”

After identifying the U.S. House and Senate bills, the memorial has a “Whereas” clause which identifies the support for restoring Glass-Steagall from “diverse” groups and individuals, citing, among others, the AFL-CIO, American Federation of Teachers, and the International Association of Machinists; FDIC director Thomas Hoenig, former OMB director David Stockman; economists Luigi Zingales and Lyndon LaRouche; former Labor Secretary Robert Reich; and “various state legislatures. . . .”

The resolution is the result of months of mobilization by LaRouchePAC activists, who have also succeeded in getting 15 of California’s 53 Congressmen to endorse H.R. 129. Opposition is expected to be intense, since the weighing-in of the nation’s largest state for the bill will significantly increase its momentum. Already, Wall Street bankers are getting more and more aggressive in seeking to squash the Glass-Steagall movement around the nation, as seen in Delaware, Louisiana, and Washington, D.C., in particular. The office of the California sponsor has already received calls from bankers demanding the resolution be lifted—to no avail.

Shattering the Myth

That this resolution was introduced demonstrates that the line, that “California is back,” which is being spread due to the “achievement” of a “balanced budget” pushed through by a Democratic Party supermajority in the legislature, is recognized as a fiction. The state, like the rest of the nation, is suffering from an accelerating collapse in agriculture and manufacturing. This collapse was purportedly “overcome” in the budget by the combined effects of a short-term revenue increase related to capital gains from the stock market bubble, which is unsustainable, accounting gimmicks, and the cumulative effects of more than \$100 billion in cuts, especially in life-saving social programs, over the last decade.

The fact that the part-time, temporary and low-wage jobs created by this “recovery,” combined with “green” spending, represent no alternative to national action, has been acknowledged by many in the legislature, who agree that federal action, beginning with passage of Glass-Steagall, is a necessary pre-condition for a real recovery of the state, and national, economy.

Indeed, the case of Detroit, where public workers’ pension funds are threatened with confiscation to pay fraudulent debts to the banks, has spurred political leaders everywhere to take another look at Glass-Steagall, since the Administration-pushed “alternative,” Dodd-Frank, prescribes precisely this kind of “bail-in” in favor of the banks, over the welfare of the citizens.

National Action

On Aug. 2, the National Caucus of State Legislatures, a bipartisan organization of all state legislators and staff, released its official Policy Directives and Resolutions for its upcoming annual National Legislative Summit (Aug. 12-16 in Atlanta), with a Glass-



EIRNS/Sylvia Rosas

The introduction of ACR 73—a resolution in support of Glass-Steagall—makes California the 25th state in the nation to demand that Congress reinstate the FDR-era bill. Here, LaRouchePAC organizing in Camarillo, Calif., July 26.

Steagall resolution on the agenda.

The NCSL Glass-Steagall resolution was introduced by Delaware State Sen. Catherine Cloutier, and will be heard by the Communications, Financial Services and Interstate Commerce Committee. Cloutier, a Republican, was one of the 10 co-sponsors of Delaware’s own Glass-Steagall resolution, S.R. 8. On June 20, during a hearing in Delaware’s banking committee, several lobbyists for JPMorgan Chase and other financial institutions appeared, threatening the legislators not to move forward with the passage of this non-binding state resolution.

The NCSL summit may become America’s “Second Crossing of the Delaware,” deciding whether America returns to its founding economic principles, or finds itself deliberately destroyed by a bankrupt Wall Street.

While most state legislatures are currently out of session, most, for the rest of the year, the fact that Members of Congress traditionally begin their drive for re-election at this time, means that there will be many town meetings and assemblies in August that will give citizens access to their elected representatives. There, the confrontation which began in Washington, D.C., during the three weeks of action led by the LaRouche Policy Committee in July, will continue, as Congress will be forced by their constituents to choose between submitting to Wall Street’s dictates, and taking the crucial first step toward a real recovery by fighting for immediate re-installation of Glass-Steagall.

The urgency of that fight is underscored daily, by the increasing immiseration of the population, and collapse of production, not only in the United States, but globally. Letters from political leaders around the world continue to come into Washington, making precisely that point.

Cancel Wall Street! Bring Back Glass-Steagall!

At the start of his Friday webcast Aug. 2, Lyndon LaRouche was asked, and responded to a question from a regional Building Trades Council leader from the Mid-Atlantic area. Here is the exchange.

Q: Mr. LaRouche, I'm extremely upset about the rapidly diminishing economic and political strength of the labor movement in this country. With the collapse of the economy, and the alarming weakness of the unions, the quality and quantity of full-time, productive family-sustaining jobs are rapidly disappearing. The latest disgusting trend toward part-time workers, as a means of avoiding paying for workers' health care, represents another body-blow to the standard of living and general health of the American worker and his or her family.

What we're seeing in Detroit is that Wall Street is looting the health care, pensions, and other benefits that unionized workers negotiated in a prior period of greater economic and political strength. I wish I could say that it is primarily the Republican Party that has been in bed with Wall Street in this looting process, but it's not true: The Democrats are equally guilty. I'm disappointed and angry about the silence of our national union leadership. This kind of collapse could not have happened without their complicity.

My question is: 1) What can we do to restore the health of the union movement as an engine for development, in restoring a large-scale infrastructure/economic development orientation across the nation? And 2) What, in addition to the re-enactment of Glass-Steagall, can we do to put a halt to the looting of pensions and health-care programs?

Lyndon LaRouche: Well, dealing with the pension problem is actually fairly straightforward: Those bums should be punished. Exactly that. Because this is *not* our policy.

The problem here is the fact that for many years, and many particular Presidents and incumbencies, and so

forth, that the arguments that have been placed in designing policy have been based on certain *European* standards, which are not intrinsically American standards. That's the first problem. The European standard is simply what you're seeing in the United States today! And this is not our policy, this is not the intention of our Constitution.

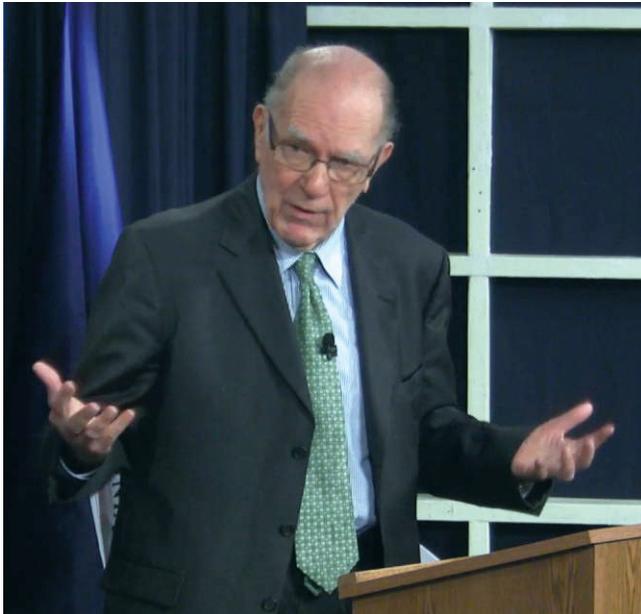
Our Constitution was based, in terms of economic and social policy, on what was done by Alexander Hamilton. And Alexander Hamilton had nothing to do with what most people think are politics, or economy—nothing at all. Because our system is not a European system. But unfortunately, Europe has invaded the United States through our institutions, largely through British banking institutions which have taken over the control of the Congress of the United States. Today we function on the basis of, really, a British system, a British-style system, or a European-style system—which is *not* the American System.

The Principle of Production

The American System was the assumption that: How do we organize a currency, rather than a European currency? A European currency is gold and silver, chiefly. You take a pile of gold and silver, and that's your wealth. Now you go around and you park this wealth in order to attract suckers to meet the conditions of the people who are the bankers. That's what the system is; that's what the system is *now*.

The system in the Congress now, is a fraud. It has no relationship to the purpose of the United States and our policy. Our policy is: We are not slaves of gold and silver! We never depended upon gold and silver, except in dealing with foreigners. But among ourselves, we're not supposed to rely on gold and silver; we're supposed to rely on *production*. And production, which was defined by Alexander Hamilton as a principle, is what made the United States successful.

But then, some of our Presidential leaders and so forth—their Presidencies—screwed things up but good.



LPAC-TV

"You have to go back to the principles which were clearly understood by the Founders of this nation, notably the economic policies of Alexander Hamilton," LaRouche declared.

And since that time, except with very exceptional circumstances—like Franklin Roosevelt and a few other Presidents—we have never had a leadership which corresponds to our Constitution.

And so therefore, that's the key problem here. And members of the Congress have, in the main, no understanding whatsoever of our Constitution. They *don't care* about our Constitution. They care about wheeling and dealing. They act like a European parliamentary system with American footprints or something.

Now, the problem on Glass-Steagall is that people don't understand Glass-Steagall. They *think* they do; even many of my own associates don't have any understanding whatsoever of what Glass-Steagall means. They give the *name* Glass-Steagall, but the content is missing.

For example, let's take the case of what Alexander Hamilton used. You have farmers, and you have machinists, and so forth. Now, the farmer will produce a crop, and at the end of that point, the farmer needs to get some payment. So therefore, then you have the others who produce now come in, and *they* do something. So, this transfer of agricultural production, and industrial or manufacturing production, went as a *physical* operation—not a monetary operation. All you had to do was put a price, which was your fair-price estimate, on what these things represent in value.

You do *not* deal on banking. You *use* banking; but

banking is largely used in order to make the funding arrangements and payments arrangements among farmers and industrial workers, machinists, and so forth. All of this is laid out very clearly by Alexander Hamilton.

What happened is, we had some other people who came in, who opposed Hamilton strongly, and opposed President Washington. And as a result of this corruption, we've had only a few Presidents of the United States who I would consider not skunks. I mean, some of them are not bad people, but when it comes to their politics, their policy, their outlook, their conception of policy-making, they're skunks, and a big disappointment. They're not Americans; they're some kind of a hybrid of Europeans.

Two Hotspots of Corruption

The other side of the thing is, the United States has been controlled increasingly by British banking—not only from Britain, but in New York City, and in the City of Boston. These are two hotspots of corruption in the United States. Because the British banking system *has controlled American banking!* And that's what the Wall Street thing is today.

Now, this Wall Street *evil*—and it is an evil; it's not an error, it's an evil—my view is: Cancel Wall Street! And Glass-Steagall's intention now is to eliminate Wall Street—utterly eliminate it. Because it has no value as banking. It has no particular place in our Constitutional system for banking. Our system was a credit system, and the idea of money and so forth was based on the understanding of a credit system. We had set agreements, which would implicitly be satisfactory to all kinds of people, and to the needs of the American people. And we had that under great Presidents. Franklin Roosevelt is particularly typical of that. Others, John F. Kennedy was one of that persuasion, and *tried* to be of that persuasion. And they killed him, because they didn't like his policy. They wanted to destroy the United States, and when they killed him, they were able to do what they were not able to do otherwise.

Their intention was to send the United States to a war in Indochina. Now, that war in Indochina was a disaster. It lasted, essentially, for about a decade. And this war ruined the United States, and *we never really recovered from it.* We got involved with other wars, which the British arranged. These were not in our interest.

And you take the case of Douglas MacArthur, who exemplifies what our military policy is. He was not out to kill, he was out to win—and there's a difference—

and win quickly, and to win efficiently, and not to get into bloody messes. And that was his policy. And that was his policy at the time on the Indochina problem; that was *exactly* his policy, his advice. That's the way it should have happened. We should never have gone into Indochina. We were never going to *get* anything from going into Indochina. Leave it for them to solve their own problems. There's no reason why we should mess ourselves up by getting involved in this nonsense.

Sometimes there are major wars, and we've had major wars. The Civil War was a major war. There have been other major wars which we've had to fight. But we went to *win*, not to kill. The basic idea of the flanking operation is typical of that thing.

So, what we're dealing with now, you have a bunch of people, including our own associates, who really do not understand economics. They *think* they do, because they've been reading books and hearing stories, and being told this advice by various people. But they have no understanding, because they say "We're going to win the election, and when we win the election"—that's the proposition—"if we win the election, then we're going to do the following things." Well, that is nonsense. That is absolute nonsense.

What you have to do is go back to the principles which were clearly understood by the Founders of this nation, notably the economic policies of Alexander Hamilton. The problem is that our own people, who are supporting Glass-Steagall, still do not understand what Glass-Steagall means. Because Glass-Steagall means Franklin Roosevelt, and it means also Alexander Hamilton—the same thing. And the problem we've got now, is we don't have an Alexander Hamilton perspective on the U.S. economy. And the danger is, if we don't have that Alexander Hamilton outlook, we are incapable of assuring the support of the citizens.

Because the citizen, given this kind of stuff, is simply going to react as a "maybe" person: "Well, maybe they will do something for us, maybe they won't"—that kind of thing. Whereas if you get to the truth of the matter, and *actually* present the ideas of Alexander Hamilton—what that *means*—as opposed to these monetarist and other kinds of nonsense which people foolishly believe in—then we can win.

If you could present to the American people now what that actually means, what Alexander

Hamilton's policy means—and there are a number of people among us who understand that, at least understand it superficially, maybe not with the greatest profundity, but they understand it—and if you could get the majority of, say, trade union workers, skilled workers, if you could mobilize them, *they* would readily be capable of understanding.

Detroit's Machine-Tool-Design Industry

For example: What happened to the auto industry? The auto industry is shut down. Now the people of Detroit and related areas are being subjected to terrible conditions. It's not necessary. We should never have shipped the auto industry overseas, instead of keeping it in the United States. Now, that doesn't mean I'm opposed to the auto industry being built up outside the United States. That's not the point. If you're going to put the auto indus-

LaRouche: Hamilton Gave Us Our Glass-Steagall Principle

In answer to a question on the subject of Glass-Steagall by a journalist, Lyndon LaRouche said:

The origin of Glass-Steagall lay in the exposition by Alexander Hamilton's "Report on the Subject of Manufactures," for the George Washington Administration. The kernel of that presentation of the original physical-economic principles of the United States, was presented as an exposition in the interrelationship between a virtual succession of agriculture and manufacturing.

Each phase of the physically defined value of the margin of production, added to the total level of per capita wealth of the nation. The end-price was the "value added" by each phase in the succession.

Thus, while money was employed as a kind of lubrication of the productive process, it was the gain in the net increment added, which located the notion of the value of the contributions of the people of the nation to the intended rate of net improvement of the per-capita output of the succession of seasons.

The driver of that process, is the intellectual progress expressed by the persons engaged in the process of production of the net output. Otherwise, mobilizing the population to a higher standpoint of outlook on the future, is the essentially practical principle of success in economy.

try in large degree outside the United States, as in China and so forth, what you're going to do, is you're going to take the American industry, the auto industry, and you're going to do what we did with World War II. You are suddenly going to take the *machine-tool-design industry*—and this was destroyed! We had areas of production from World War II all over the United States. The whole territories and the locations existed—they still did exist, up until the shutdown of the auto industry.

The shutdown of the auto industry inside the United States has *bankrupted* the basis of the U.S. economy. We no longer have productive industries! We have small shop kinds of production. But the kind of mass production, combined with great skill, under the leadership of the working force—this is gone. As a result, *we are bankrupt*.

I'm not going to go back into China and Japan and Korea and so forth, and insist that those industries be returned to the United States. No. That's not our policy. Our policy is what? Is to build up our machine-tool-design capabilities and related capabilities, and turn them loose again. Because we have a lot of things to produce which are not just automobiles. We have a lousy national transportation system. People are driv-

ing cars where they shouldn't do it—partly because they're drunk, and partly for other reasons.

But in any case, what we should be doing, is going to a higher level. Now, what do we have? We don't have enough water to maintain the lives of our citizens—because of foolishness, because of foolish policies. But if we build up the kind of things that are needed to maintain our food supply, which we are losing now, and if we build up a mass-transportation system, and a design for that which eliminates the requirement of so much automobile travel, that would be a great economic benefit. We also have to build up a whole new water system for the western part of the United States. We're now losing our food. Our food production is disappearing. Well, we could fix that. How? With high technology. What's high technology? Well, it's machine-tool technology, and things like machine-tool technology. We should put our investment into machine-tool technology.

Now, if you're going to do that, now you go to the voter out there, and you start talking about Glass-Steagall. Now they've got some real action. This means we're going to get this, and this, and this, in each of the communities in the United States. Water industries. Power industries. We're going to go to *high technology*.

The tendency now is to destroy us, by a subversive bunch of enemies called "Greenies." The Greenie actually destroys the per-capita productivity of the people of the United States in two ways, one directly, and one implicitly.

So therefore, we've come to the time, that we've got to talk to the American people, the population, and define an actual program comparable to the test of Alexander Hamilton: industry, high technology, power, thermonuclear power, and nuclear power! Large-scale water systems, giant water systems to transform whole territories of the western and central United States. *These* are the things we must do! And when you do *that*, you're increasing the productivity of the American population, you're *increasing the actual physical income* of every part of the United States. You're increasing the productivity of the United States, without increasing the burden on the working people.

And *that* is the great change that has to happen *now*; and it has to happen within my own organization, which needs to have a refresher course in what economics is. Economics is what most of them think is not being *practical*: It's making a revolution, making a revolution in technology, *to take off where the auto industry left, and win!*

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"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

Benghazi-Gate Finally Begins To Get Traction in Congress

by William Wertz

Aug. 3—When terrorists launched their attack in Benghazi, Libya on Sept. 11, 2012, killing Ambassador Chris Stevens and three other Americans, Lyndon LaRouche dubbed the atrocity 9/11 Two, in direct continuity with the 9/11/2001 attack, which was organized by the Saudis and the British monarchy, with the complicity of the G.W. Bush Administration. Today, a competent investigation must focus on the collusion between President Obama and the British/Saudi nexus.

EIR has issued two Special Reports on 9/11 Two, one dated [October 2012](#), another [February 2013](#), and LaRouchePAC has blanketed Congress with detailed fact sheets on the “Obama/al-Qaeda Alliance” and the evidence of the Obama Administration’s illegal gun-running from Libya into Syria, as part of the British-Saudi gameplan for global confrontation with the Russians, in particular.

Finally, after months of dealing mostly with secondary issues, Congress is beginning to focus on questions which lead directly to the Obama White House in its alliance with the Saudis, which is threatening to lead to World War III. Leading the Congressional campaign is Rep. Frank Wolf (R-Va.), who has sponsored a resolution calling for a select committee to investigate Benghazi (H.Res. 36). That resolution currently has 163 cosponsors, but is being blocked by the House leadership, and unconscionably boycotted by Democrats, who, faced with treason by the President, are putting party above patriotism.

Wolf Points to the White House

In mid-July, Representative Wolf declared that he was going to go to the floor of the House of Representatives every day until the recess on Aug. 2, to ask the unanswered questions about the Benghazi scandal, which must be taken up by a select committee. On July 31, Wolf began to hit the core strategic issue.

Raising the question of illegal gun-running by the White House, on a scale that would make the Reagan Administration’s Iran-Contra scandal look penny-ante, he asked questions about whether the CIA annex had been involved in sending weapons from Libya to Syria under the authority of a “finding signed by President Obama, of which the Congress was not informed.”

The next day he followed up:

“Who in the White House knew what was going on in the [CIA] annex [in Benghazi]? The President? The chief of staff? Then-Deputy National Security Advisor and current CIA Director John Brennan?” He added, “I plan to resubmit all the questions I have asked so they are listed together in the *Congressional Record* for history to see and history will determine whether the American people ever learned the truth.”

Wolf’s questions put the focus of the investigation where it should be, on President Obama and on John Brennan. As both LaRouchePAC and *EIR* have emphasized: All roads to Benghazi lead to Obama through John Brennan.

CNN Expodes the Coverup

On Aug. 1, CNN reported that dozens of CIA operatives were on the ground in Benghazi during the attack, and that the CIA, now under Director John Brennan, is going to great lengths to cover up what those agents were doing. Reportedly, since January, some CIA operatives involved in the Agency’s missions in Libya have been subjected to frequent, even monthly, polygraph examinations. The goal of the questioning, according to sources, is to find out whether anyone is talking to the media or Congress. This is described as pure intimidation, with the threat that any unauthorized CIA employee who leaks information could face the end of his or her career.

CNN reported that among the many secrets still yet

to be told about the Benghazi mission, is just how many Americans were there the night of the attack. A source now tells CNN that the number was 35, with as many as 7 wounded, some seriously. While it is still not known how many were CIA personnel, a source told CNN that 21 Americans were working in the building known as the annex, believed to be run by the Agency.

CNN quotes Wolf: "I think it is a form of a cover-up, and I think it's an attempt to push it under the rug, and I think the American people are feeling the same way. We should have the people who were on the scene come in, testify under oath, do it publicly, and lay it out. And there really isn't any national security issue involved with regards to that." Wolf said he was contacted by people closely tied to CIA operatives and contractors who wanted to talk. Then suddenly, there was silence. "Initially they were not afraid to come forward. They wanted the opportunity, and they wanted to be subpoenaed, because if you're subpoenaed, it sort of protects you; you're forced to come before Congress. Now that's all changed."

CNN stated that lawmakers also want to know about the weapons in Libya, and what happened to them. Speculation on Capitol Hill has included the possibility

that the U.S. agencies operating in Benghazi were secretly helping to move surface-to-air missiles out of Libya, through Turkey, and into the hands of Syrian rebels. It is clear that two U.S. agencies were operating in Benghazi: the State Department and the CIA. The State Department told CNN in an e-mail that it was only helping the new Libyan government destroy weapons deemed "damaged, aged, or too unsafe to retain," and that it was not involved in any transfer of weapons to other countries. But the Department also said it "can't speak for any other agencies."

The CIA would not comment.

In an Aug. 1 interview with Fox News host Greta Van Susteren, Rep. Trey Gowdy (R-S.C.) said the Administration is "changing names, creating aliases" of U.S. agents who were in Benghazi on the night of the attacks.

"Stop and think what things are most calculated to get at the truth? Talk to people with first-hand knowledge. What creates the appearance or perhaps the reality of a cover-up? Not letting us talk with people who have the most amount of information, dispersing them around the country and changing their names," Gowdy said.

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‘WHAT IS LIFE?’

At the Brink of Mars

by Lyndon H. LaRouche, Jr.

July 16, 2013

Yes, I was the one who authored that video called, “The Woman on Mars.”¹ Then, why would I worry now, about my having orchestrated such a relatively successful role on the screen back then? When I think of some producers attempting such an attempted real-to-life project as that, today, I would shake my head and be sad for them, as I have often shaken my head for the stubborn follies of our nation in past times.

The cause for my concern on this account, should be considered as elementary, as follows:

Broadly, since the assassination of President John F. Kennedy, a civilization of ours which had been progressing earlier, when that were measured in per-capita terms, has now, long since, fallen backwards, over the course of what is now more than a half-century of lost strength of our economy and the fitness of its culture; the result has been a loss which is to be measured in a long wave which has led into the present time, a time of a presently precipitously accelerating decline, per capita, at a still presently accelerating rate.

Our society, notably that in the trans-Atlantic region, has not only lost most of the truly measured wealth of our own population (except for what are mostly the filthy and useless Wall Street rich), but has also lost much of its former sense of an efficient, intellectual connection to the future. There has been a consequent, particular sort of deep relative economic loss on that account, a loss which I see as most conspicuous in the trans-Atlantic region.

1. A March 3, 1988 television broadcast of a campaign video, “The Woman on Mars,” by then-Democratic presidential pre-candidate Lyndon LaRouche, Jr. The shooting script was published in [EIR](#), January 1, 1994.

Things here, have, lately, actually “progressed” both backwards and downwards (if we were to use such terms), as to be measured approximately in intervals of half-decades in forward time. During each such half-decade, that decline has been proceeding at a generally accelerating rate of physical-economic net inflation, a process which had been underway since the launching of the far worse than useless, virtually decade-long, post-Kennedy, wasting war in the Indo-China region.

Therefore, to correct what might have seemed mistaken to some among us, we must now consider, urgently, what had been wrongly alleged to have been errors of policy outlook in my own part in our nation’s then current history: when, reality had since shown the direct opposite. The reality has now more than shown proof of my own judgment in these matters, all along.

For proof of my accuracy, we need only focus attention now on the special importance of that danger which is inherent in a commonly failed presumption on the part of the U.S. government, over more than a half-century. This includes the error of the presumption by some, to the effect that reliance on what is merely human sense-perception should be, inherently, a safe mode for proposing the landing and settlement of human beings on the planet Mars during the times ahead; whereas, at the same time, an ever-greater portion of our citizens have been frightened by the very mention of that subject itself.

The danger to be faced in treating that set of con-



NASA/Pat Rawlings/SAIC

“The crux of my warning, is, that human sense-perception, itself, is not to be considered as a trustworthy metric for guiding the launching of such ventures as manned operations on Earth, nor, presently, on Mars.” Here, an artist’s concept of a geologist collecting samples from the eastern cliff of Mars’ Olympus Mons, the Solar System’s largest known shield volcano—sometime, perhaps, in the latter part of this century.

“what it is cracked up to be,” especially so when that is placed by us as outside “the Earth’s own immediate en-

flicting outlooks, lies, chiefly, in the effects of succumbing to the common fallacy of blind faith in a simple-minded appreciation of literal meanings, but what were wildly erroneous estimates of sense-perception as such, instead.

The evidence to be referenced on that account, could be considered, by some, as being only a partial truth; but, it were better to heed the actually awful fore-warnings, rather than attempt to avoid the issue posed by certain crucial errors of fact which, therefore, present results which should not be regarded as anything but disasters.

My own warnings are based on some already known facts which are now to be considered here. First, there is the evidence to which I had referred in my “Nicholas of Cusa, Kepler & Shakespeare” of June 10, 2013.² Second, my June 28, 2013 “The Great Ontological Paradox;”³ and, third, my Thursday, July 11, 2013, “On the Subject of Oligarchy.”⁴

Thus, the crux of my warning, is, that human sense-perception, itself, is not to be considered as a trustworthy metric for guiding the launching of such ventures as manned operations on Earth, nor, presently, on Mars. To begin with, sense-perception as such, is very far from being

2. In [EIR](#), June 21, 2013 .

3. In [EIR](#), July 12, 2013.

4. In [EIR](#), July 26, 2013.

vironment.” My objection on that account, is not “a mere generality;” it is categorical. The subject is, “exactly how reliable might sense-perception be;” or, should the challenge be posed, first, by exposing the proven, systemic quality of a grave margin of error which is inherent in what is trusted as simple-minded human sense-perception as such?⁵

I had already referred, repeatedly, in earlier locations, to the follies of sense-perception, as those errors have appeared as disruptions of principle in Classical drama and music, or as, also, situated within the contexts of such as the frequently misread meaning of Johannes Kepler’s *vicarious hypothesis*, even by what are merely putative “experts.” I explain.

Chapter I.

Some Call It ‘Evolution’

“What was there? ... Is there Life on Mars?” Or, for that matter, some might even ask: “Does the universe itself really exist?”

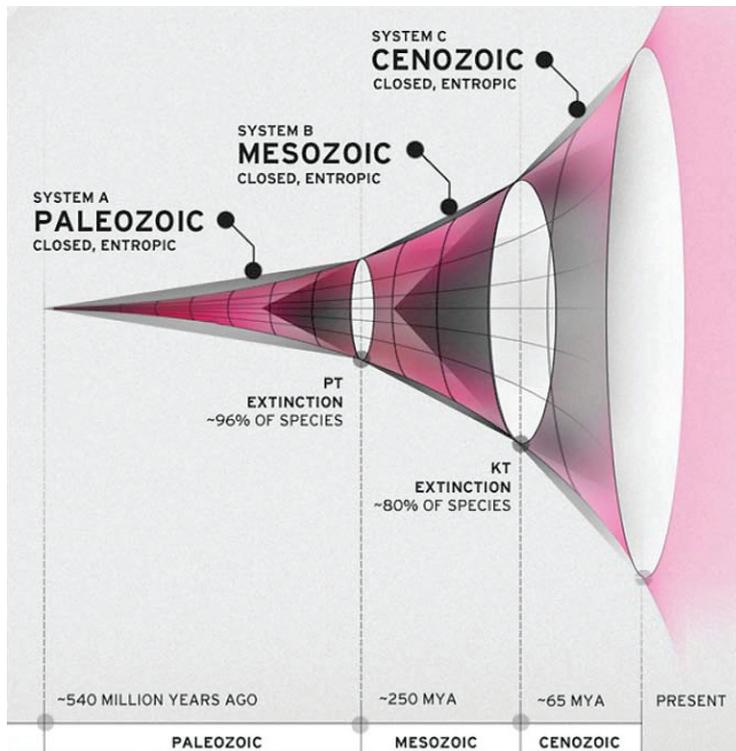
Let us use a fair choice for a rough sketch, to bring this question into the foreground of our subject-matter here: that is to be done as quickly as reasonably convenient. Whatever the findings so prompted may be proven to be, the question should be: for what uses can we trust sense-perception, and that with what qualifications?

What we either do know, or should know, is that the universe does exist, and that the phenomenon of life on Earth can be arranged, roughly, for study, that to be done by aid of references to known evidence of evolution, sometimes in the waters; or, for one broad category of evolution of species, on land; or, flying in the air, or for other motives.

Study suggests that the sequences of life known as “on Earth,” have had an ordering, and that some specific evolutionary sequences have entered “dead ends.” The higher end of those sequences, as far as we might know this presently, appears as a kind of leap, a leap which appears to have occurred during some relatively

5. E.g., consider the process of the relationship between Mars and Earth.

FIGURE 1
Three Successive Macro-Ecological Systems in the History of Life



“Study suggests that the sequences of life known as ‘on Earth,’ have had an ordering, and that some specific evolutionary sequences have entered ‘dead ends.’ The higher end of those sequences, as far as we might know this presently, appears as a kind of leap, a leap which appears to have occurred during some relatively recent time past, as if, for example, on Earth a million or so years ago: a leap which had occurred with the emergence of a unique species, one which is identifiable as ‘the fire-bringer,’ which is otherwise named mankind.”

recent time past, as if, for example, on Earth a million or so years ago: a leap which had occurred with the emergence of a unique species, one which is identifiable as “the fire-bringer,” which is otherwise named mankind.

Mankind is distinguished from all other known forms of life, by that unique quality of characteristic, which not only “uses fire” willfully, but whose use of fire is the most readily apparent distinction of mankind from all other living species presently known to us, as this is presented to us by mankind’s willful choice of the use of successively higher, specific orders of “fire.” What we might define as the category of “fire,” can be estimated conveniently, in terms of specifically ascending qualities of “energy-flux density:” qualities ranging

from simple fire, to nuclear fission, to thermonuclear fusion, matter-antimatter, and onward, all toward still higher orders awaiting us as either dangers or hopeful endeavors, beyond.

For such classes of questions, we have the fact that a pair of modern astronauts had once landed successfully, on our local Moon, and, had, then, soon, quite properly, returned to their remaining years of life, on Earth. But, in all that, be cautious: the Moon is within the relatively convenient bounds of the Earth-system, for today; but, what about Mars, which is not so blessed, or whatever?

“We,” mankind, in our role as a modern institution, have landed apparatus on Mars with some instances of remarkable, but only relative success, as the latter quality has been shown by the happy event of “Curiosity.” We have yet to carry out the required measures of combined landing and return of persons, and of bringing some needed apparatus, and other improvements, made available to Mars from Earth. The continuation of such progress for Mars, will require an entry into means of such greatly needed improvements as both thermonuclear-fusion “propulsion,” and those related technologies which must precede the preparations for those particular measures which should be expected to come during a much later time within this present century: an actually manned landing on Mars, and the not-to-be-overlooked return of those pioneers.

Notably, many among our population, are still a far, far cry from recognizing even the full implications of the scheme which I had published in my memorable broadcast, **The Woman on Mars**. Yet, in terms of even the nearby planet Mars, the distance from Earth to Mars, is “not that impressive” on a serious, future Solar-system scale, if and when the measurements are measured by more highly accelerated space-travel standards.⁶ Meanwhile, “Curiosity” has succeeded, none-

6. Glance toward the following estimates. Divide the Twenty-first Century among four generations of 25 years of human life’s currently early range from birth to twenty-five years: 25-year intervals, from birth to initial reaches of adult life of freshly matured scientists. Each such generation during its first quarter-century of life should have realized a performance level of scientific progress of increased energy-flux densities in discovery and application of science comparable to that of freshly-matured young scientists approximately matured at the age of a quarter-century. Contrast that to the trend measured in energy-flux density of performance in standards for increased productivity (i.e., energy-flux density) since the assassination of President John F. Kennedy. Compare rates of increase of energy-flux density in production.

theless, as in its assigned mission of “getting there,” as an operating mission, and even longer-term effects of prospective benefits.

The Factor of Treason in America

Now, return our attention, for a few moments, to Earth.

It is important, even urgent, to actually understand the factors which had repeatedly ruined the U.S. economy since the death of President Franklin D. Roosevelt, in particular, and, the awful error in U.S. policy which took over the U.S.A.’s physical economy which, therefore, had also, repeatedly, “turned up the green chill” against mankind’s continued progress, even mankind’s presently prospective existence under current threats, of either war or genocide.

At this point, we introduce some now crucial elements of background for our consideration of factors in the relatively nearby portions of the Solar system; we must summarize some extremely relevant facts respecting the history of mankind’s exploration of nearby Solar space.

To that end, we must focus attention to man’s design for a landing on the Moon, which had been set into motion into the United States, that, in fact, from origins shifted from early post-World War I Germany, and also with close attention to the crucial ebbs and flows of the U.S. Presidency in attempted acts of intended resistance to the backward, evil, imperial influence of Anglo-Dutch imperialism, as since the death of President Franklin Roosevelt.⁷ This outlook carried us, through World War II, into the long struggle of our nation against the attacks against our republic from that Anglo-Dutch imperium first established during the Seventeenth Century, whose later, continued intention has been to capture and hold control of, and then destroy the United States, largely through aid of the “Wall Street complex:” the leading feature of global world history since that time. We are now hovering at the brink of the threatened sweeping destruction of the principle of the U.S.A. Constitution, now during the months, weeks, or even less, immediately ahead.

7. There had been two considerations, initially, for the movement of the German space program into the U.S.A. First, the launching of the U.S. nuclear attacks on Japan had forced the 1946 announcement of Bertrand Russell’s prominent role in the proposed “surprise” nuclear war policy of the Anglo-American forces. Once nuclear arsenals were established, policy shifted into a dominant role of nuclear wars for extermination.

The course of the ebbs and flows respecting the decline of the U.S.A.'s integrity since the Franklin Roosevelt Presidency, has been a slump which had hit with decision as early as the assassination of President John F. Kennedy. Since then, the Anglo-Dutch imperium's growing gain of global power over the United States itself, has had ebbs and flows during medium-term intervals, but the election of President George W. Bush, Jr., and now the British-created U.S. puppet-President Barack Obama and their launching of the "9-11" war against our United States, has now brought that United States to the immediately threatened brink of systemic destruction of its patriotic institutions.⁸

The last honestly attempted, if often frail efforts of note, for the U.S. program as a whole, had been those of the two terms of both President Ronald Reagan and President William Jefferson Clinton, respectively, with the wretched George H.W. Bush between their incumbencies. However, Reagan's excellent efforts for the Strategic Defense Initiative (SDI) were blocked, chiefly by the efforts of clusters of sundry cowards-in-office, dupes, and rascals, whose ranks had been most notably associated with the legacy of one-time Adolf Hitler backer from the United States, George H.W. Bush's forebear, Prescott Bush, and the consequent impact of Prescott Bush's family circles, especially those which had served repeated and poisonous roles in the U.S. Presidency, as by a flagrantly avowed British agent still present in the Presidency at this moment, the Queen's own mass-murderous puppet-President, Barack Obama.

At this moment, the continued existence of the United States hovers near a threatened last gasp under this presently battered and often betrayed Constitution: it may be fairly said, that the political-financial whores seem to be flooding the streets.

It must be said, that the improved space program which had been effectively launched by President John F. Kennedy in a full-throated way, had lingered, after his death, in some relatively significant form of after-shock, but dwindling energy, until the time of President Obama's attempted virtually terminal

8. The launch of what became infamous as the September 2001 British-Saudi attack on the U.S.A. by the consolidated, top-down Saudi-BAE force's "9-11" attacks on the U.S.A., was a stage of preparation for global thermonuclear war at some early time ahead. The facts of that attack on the U.S.A. are clearly known, despite the George W. Bush and Obama administrations' attempted denials of their authorship in the "9-11" operation.

wrecking schemes against it; but like the U.S. Government as a whole, the needed program, while it had existed, had already been shrunken, almost to a shriveling, by the co-thinkers of the fellow-travelers of the Wall Street successors of the Adolf Hitler backer, Prescott Bush and Prescott Bush's relevant family political heirs.

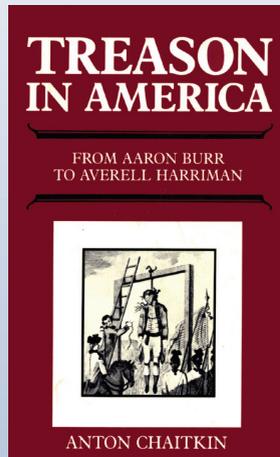
Treason in the U.S.A. Today

We must now look, more deeply than usual, into the older and deeper past roots of the present U.S. catastrophe. Consider the case of that multifariously treasonous British agent, professional assassin, Wall Street swindler, and murderer, Aaron Burr. Burr was the backer and the virtual creator of both the U.S. Presidents Andrew Jackson and Martin Van Buren, who, in turn, were already typical late-comers in the implicitly treasonous, Wall Street pack of those foreign, Anglo-Dutch gamblers and other royal swindlers, who worked to undermine, even destroy our United States. These would be the products of the same pack of swindlers who have now been working, still, as from headquarters in—said once again—London and the Netherlands. Those

Treason in America

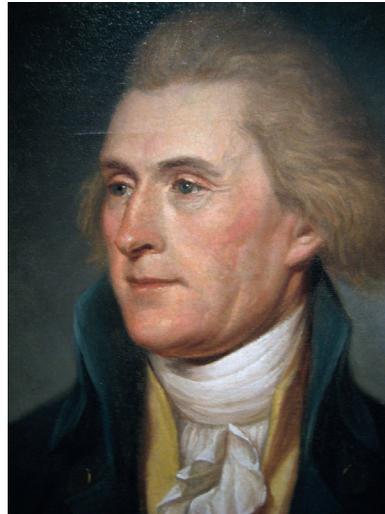
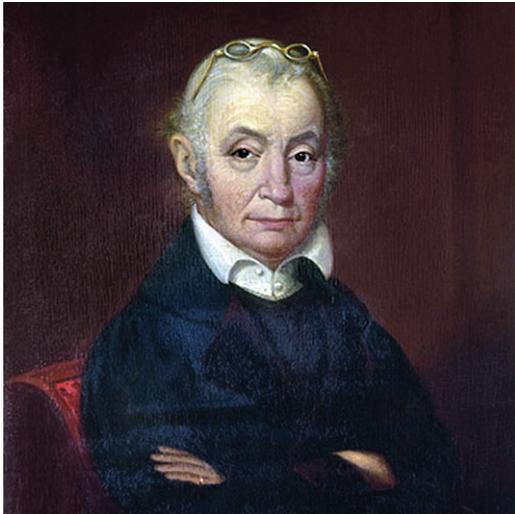
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British agent Aaron Burr (left), the murderer of Alexander Hamilton, “the truly greatest economist of the world at that time,” was “sometimes harbored by the administration under Thomas Jefferson.” Jefferson’s portrait by Charles Wilson Peale (1791).

scoundrels have continued that role against our United States, both from abroad and through boring into our republic from within, as has been variously attempted, repeatedly, during the past years.

Under the conditions established by such a background, it is very important to remember the case of the still beautifully heroic moment of an efficiently patriotic Pecora Commission!

But, do not blame Prescott Bush so much, that we overlook his predecessors in treason to the U.S.A., such as the series of scalawags led by Aaron Burr, and Burr’s flunkies, and, in turn, their own immediate followers, and successors, such as U.S. Presidents Andrew Jackson, Martin Van Buren, and their Wall Street successors of the Nineteenth and Twentieth Centuries, such as the flagrant British Empire flunkies, the late Prescott Bush, his son George H.W. Bush, Prescott’s grandson, George W. Bush, and by Barack Obama: all-in-all a truly biographical map of the ugliest implications of the very name of “descent”.

Similarly, for a fair understanding of the “cut-backs” which have repeatedly undermined our economy, compare the inspiring exception which had been the preceding surge of the space-program during the Presidency of John F. Kennedy, with the ruinous effects unleashed by the assassination of Kennedy. Then, we must consider the effects of that assassination, effects which will have been caused by the successive “Vietnam War” and by those kindred later cut-backs in our national economy, such as the Bush family cases, or, as by similar declines

accumulated through the successive collapses under the impact and aftermath of the Vietnam War, and, now, the declines, and economically and morally destructive cut-backs which have been represented by President Obama’s complicity in accelerated, mass-murderous swindles.

For example:

Open, and also increasingly deep and fraud-ridden “cut-backs” in Federal programs, such as the Wall Street swindlers’ variety, were merely the outer surface of the per-capita decline in productivity of the U.S. economy over the course

of the period since the launching of the “post-MacArthur” insanity of the Truman Administration’s policies of practice in Korea, and the pure waste of the intrinsically unnecessary long U.S. war in Indochina, followed by long wars in “The Middle East” and beyond; all of which had been launched later under the pretext, and the insanity launched in the entire Middle East by the chronic British hoaxster and chronic mass-murderer, Tony Blair of the long Iraq War and of kindred notorieties.

Remember Hamilton’s Remedy

Take a brief look at some crucially important urgent features of our original, and truly magnificent leaders working within the original U.S. Presidency: Alexander Hamilton, for example. Alexander Hamilton was the truly greatest economist of the world at that time, and the man murdered in open daylight, by the British agent Aaron Burr, a Burr who had promptly fled for safety into the arms of his master, the British monarchy, the same Burr sometimes harbored by the administration under Thomas Jefferson.

With excellent reasons, the then-outgoing President George Washington in his time, had chastised his then-chosen successors, including the case of what was to become President Thomas Jefferson’s complicity with the anti-American arch-traitor and murderer Aaron Burr, for having poisoned the Federal Constitution on which our nation had been founded by the collaboration of both President Washington and his original Secretary

of the Treasury, Hamilton. Jefferson, somewhat belatedly, later in life, had regretted some of his follies; but, the lackeys and admirers of the murderers and traitors-in-fact Burr, Andrew Jackson, Martin Van Buren, et al., had not.

Hamilton's point in creating the successful launching of the original Federal Republic's ability to function successfully, has been crucial, very much, through the whole span from then, to the present date of the current Congressional negotiations. The truth has been, that our Federal Constitution must now be premised, this time properly so, upon the *original principle of our Federal republic as a credit-system, instead of the dubious, virtually customary European folly of a monetarist system.*

Meanwhile, that implied curse which an outgoing President George Washington had registered against the misconduct of his immediate successors, has been, usually, misrepresented in excuses made by the actual monetarists, whose presently continued follies are still all-too-customary in our own ruling institutions, although with certain precious exceptions, to the present date.

The essential truth of this matter—the “hard core” of it all—has been, and continues to be: that *mere money as such has no actually intrinsic value in an honestly real universe.* Thus, for just that cause, the actual principles of our Federal Constitution continue to be violated even among institutions of our Federal Government, even often with great force most of the time (especially since George W. Bush, Jr. and Barack Obama), while even competency has been limited, since, to a relatively mere handful of the even competent members of our national government since President George Washington had left office, and important other Presidents assassinated on behalf of the agents of the Anglo-Dutch imperium.

The Subject of ‘Chorus’ Again

Now to summarize this chapter's argument this far, I present you, now, with the opening of the body of my story here, a story which I already know very well: *that, simple, fairly called European types of human sense-perception, when taken literally, are, each, essentially a fantasy, of a kind popularized as an “official” fairy-tale, a widespread sort of popular fantasy induced, but, nonetheless foolishly, with no actually competent doubt about that matter conceded.*

You should recognize that fact, especially in light of what is happening right now!

I had already emphasized that fact earlier, as I had done in the three earlier reports of fact to which I made reference within the preface here, above. If you had thought that sense-perceptions are not only mere shadows, more like motion-picture images than real life, you might still be a bit disturbed by the effect of my following explanation; but, you should, nonetheless, have treated the nature of that experience as being, at least, more sensible than the customary public opinion which imagines that economy is an experience like that of experiencing a motion-picture image of real events, or as by studying the image presented to you through a telescope or microscope.

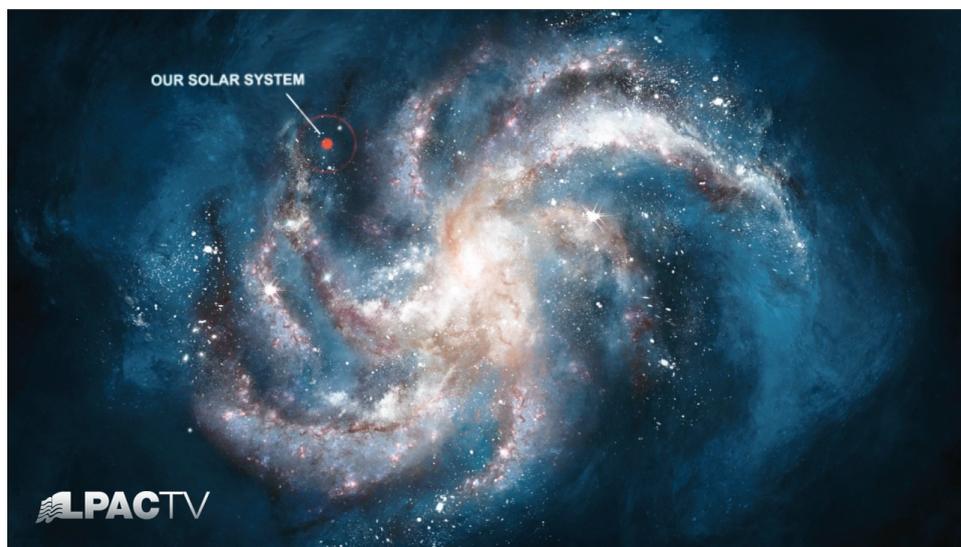
I am not implying that the images which I have projected here are precisely accurate in their ultimate end-results; however, in fact, as to what your powers of sense-perception could accomplish, if you were serious about all of this, you may have had no better source of accuracy than the fidelity of the performance of both the types of the instruments available to you, or to your acquired powers of comprehension. I also mean your ability (including your will-power) to interpret the specific function of the cast images themselves. *However; this does commonly include such still precious relevant images as those represented by those discoveries, respecting the true powers of the human mind, which had been presented, at the turn into the Twentieth Century by such as Max Planck, Albert Einstein, and, later; Wolfgang Köhler; in their respective initial appearances as among the true intellectual giants of their age.*

Now, take a further step. Heretofore, I have pointed to the case of an instrument with a single function. Next, let us resolve the ironies presented by a correlative “over-lap” of several categories of perceptual functions and their associated reactions. Consider the result as comparable to the combined effect of “several kinds of senses.” For human beings, there is, implicitly, nothing worth the name of “sense-certainty,” but only those principles of action which are to be adduced from experiences which were properly defined as within the context of a universe, as I shall qualify that remark below.

For example, the evidence given to us, works to the effect that our Solar system, considered as an object, is as if on a “marked” pathway within the galaxy, a galaxy which is said to be guiding that Solar system along a course of even, perhaps, a rather troublesome turn, which, as we might ask, might have been seen

FIGURE 2

Our Solar System Travels Through the Galaxy



“For human beings, there is, implicitly, nothing worth the name of ‘sense-certainty.’ For example, the evidence is, that our Solar System “is, as if on a ‘marked’ pathway within the galaxy, a galaxy which is said to be guiding that Solar System along a course of even, perhaps, a rather troublesome turn...”

earlier as a deviation from an earlier phase of existence of that course which Johannes Kepler had left for us by his presentation of a notion of *vicarious hypothesis*, in opposition to such silly frivolities as the current residue of the silly faculties of the ever-sillier Newtonians.

That point, made just immediately above, leads our attention to the subject of the specific effects of combining, both, differing categories of both combined varieties of relevant perceptual experiences, and also the effects of provocative actions by us on the medium on which we are acting. That much said thus far, we should now have a useful idea of what a truly useful “scientific idea” of experimental studies must tend to mean. It illustrates, that far, the difference between a useful scientific experience, and what is merely a relatively passive reading of an actual, or merely implied sense-perceptual experience.

All this requires a necessary “jump away from” the customary habits of the classroom, into the challenging concept of an experience of the actual future ahead of what we had identified earlier as “now.” This point of difference, locates the essential distinction of man from the beasts. A merely experienced sense-perception “as a fact,” will not do; there must be what we

humans should identify as an actual motive, an underlying purpose, and its relevant, correlated effect.

The key to that aspect of the subject, is the intended effect. Take as an illustration of that point, that function which William Shakespeare assigned, specifically, to his super-character, the *Chorus* of **King Henry V**, a character which Shakespeare had certainly adduced from the Classical Greek notion of an implicitly “collective” personality of **Chorus**: the virtual genius of that collective personality, which also attests to the related case of Friedrich Schiller’s dramatic poem, *Ibykus*.

This brings our attention to a crucial set of facts which

brings the case of Kepler’s *vicarious hypothesis* back into play here.

Chapter II.

The Genius of the Human Mind

As I have re-emphasized this point in sundry, recently published works of mine: the intrinsic incompetence of mere mathematics when seen as if in and of itself, can not be made clear without insight into the relationship of the physics of both Nicholas of Cusa and Johannes Kepler to the function of *Chorus* in William Shakespeare’s **King Henry V**. The root of such a difficulty as that, is to be located in the efforts to assign discrete, implicitly mathematical or quasi-mathematical meanings, to written terms and phrases (most emphatically). Those mathematicians, especially the tribes of charlatans who have followed the wretched Bertrand Russell, suffer their inescapable misfortune of having been merely mathematicians, rather than being actually scientists, and are, therefore, usually, among the worst offenders against reason on this account: they are entrapped in an incompetence which they show in the shabby notion of their merely arbitrary presumptions

and prescriptions, such as the essentially masturbatory myth of “the mathematical infinitesimal.”

The characteristic folly of whoever were the mere mathematician, is most quickly demonstrated by an effort to assign a particular, mathematical sort of value to the existence of an individual, living, human personality. Whereas, the principle of Classical drama deals well with such ironies, yet those who are merely mathematicians, for the very reason of their choice of profession, are often morally illiterates in such specific subject-matters; that is to be found, flagrantly, on Wall Street, for example. Only a special kind of illiterate, probably a vicious one, such as a typically malicious Wall Street “money-robot,” could attempt to define the meaning of an actually living human personality by anything as dead as a mere number. Hence, the vicious mental diseases which tend to saturate and even also pickle the brains of the ranks of the economists, especially those of the stock-market addict variety, is: “They lack actually human notions of value, and, thus, do tend to make themselves fascists or something akin to that, simply as a matter of the dutiful coddling of their sordid choices of professions.”

Whereas, the characters in a well-performed Classical drama, are distinguished by their aptitudes for presenting a character on stage with a penetrating quality of systemically profound human insight. For example, listen with insight into the remarkable direction of the greatest among Wilhelm Furtwängler’s recorded performances, especially that of his direction of what became the greatest, post-World War II, recorded performance of Franz Schubert’s **Ninth Symphony**. The fact of the relative failure of other directors in the post-World War II directions of that work, lies not in anything numerical or otherwise mechanical, but Furtwängler’s deep power of insight which escapes the folly inherent in all mere conventions.

Then ask: where did Furtwängler’s source of expressed genius for that extraordinary performance lie? Nothing specifically mathematical, but, when considered as such, what was involved in that extraordinarily potent quality of what had been that specific achievement?

Or, take the case of Johann Sebastian Bach’s **Preludes and Fugues**. Where does the quantitative quality of the mathematics, as such, find its alleged control over the outcome of the Classical musical performance, and that of all truly great art? It lies within a human quality of insight expressed in the qualified performer, an insight which has no mere quantities of numbers, but

a relationship between insight into the mind of the composer which has been given a nearly resonant insight, at the least, with the intention of the composer. The entire body of that successful performance is resonant with the searching for the intention of the composer.

However, this principle which I have just referenced does not apply to “just any” composition. So-called “popular music” rarely reaches anything profoundly creative in its making, but only rarely, perhaps when sometimes expressed as a fruit of something being achieved despite either the composer chosen, or the performer. Indeed, musicians of merit are offended by the fact that they realize that they had failed, on some relevant occasion, to grasp the intention of a qualified work which had been of a particular composition and its performance.

The truly worthwhile effect, as such, is, actually, predominantly “emotional,” which is to say, properly resonant with the notion of properly assorted “human values” for that occasion. The same is true of the performance of the drama on the stage: does it grip the appropriate passions, and express that appropriately? Do the passions of the respective players on stage coincide, with the sundry set of intentions inherent in the unfolding of the drama itself—with the intermingling of the human motives which “drive” the drama on stage—hopefully appropriately? Does the motivation competently drive what should be those experienced passions which should drive what should be the properly intended effect?

Now, that I have outlined a sense of the case to be considered, let us consider the quality of the effect upon the society, whether on stage, or in an intimate moment, or among the streets. Shakespeare, in Scene II of Act II of **Hamlet**: (commenting on the part of the player who had just left the stage) “Had he the motive and the cue for passion that I have, he would drown the stage with tears and cleave the general ear with horrid speech; make mad the guilty, and appall the free...”

Shakespeare’s Hamlet was no true hero, and that, of course, was an essential feature of the play’s assignment by Author Shakespeare, to make clear the folly which true insight carries, if only as evidence of tragedy foreseen in the auras of the experience on stage. It is an insight shown in the discovery of a great principle of the folly which reveals the true tragedy as the instructive remedy which is to be observed in the self-inflicted doom of the kind of foolish mighty who bring their own destruction, something akin to those British and Dutch monarchical tyrants who presently seek to reign over the passing of the dreadfully mass-murder-

ous truth embedded within the presently most wretched moments of today.

The Struggle for Reaching Human Creativity

The urgently needed lesson of this moment which I am presenting to you here, is, that some persons, among those who merely appear, only momentarily, to be relatively wiser, are of that foolish nature which impels them to conceal the fate which will have been wrought by what their own present desires would, unchecked, bring down in a terrible storm over all humanity. That includes today's presently reigning clutches of the brutishly arrogant, such as the Wall Street and like-minded hoodlums, who move ever-closer toward the brink of no destruction as awful as what were to be the ruin of their own.

This fact which I have thus stated, might be apparent to the wiser among those of us who share nothing less than a wavering uncertain certainty of a terrible horror which hovers presently over each presently arriving moment, a horror now posturing on the brink of a doom menacing both the entirety of the trans-Atlantic world, and beyond. In this awful moment, allusions to the tragedies depicted by Shakespeare have an emphatically solemn ring of authority for the actually witting. But, as solemn as it is, it actually reveals almost nothing to the audience. It is an omen, a conundrum. It is a pre-science, now emptied of the benefit of true knowledge, a shadow cast by the unseen. It appears to be, thus, a song sung with no known music.

The Mystery of All This: So Far

The uniqueness of a qualified human mind, lies precisely in the distinction of mankind from all other, presently known species of life. Mankind is the only species presently known to us which is capable of being defined, precisely, as of the potential quality for voluntary self-evolution of the human species. Take the referenced cases of Max Planck and Albert Einstein as examples. They represent a quality of irony which speaks a tongue which knows no particular known language. Not that the message uttered does not exist, but that it speaks an effective, if often unknown language. With a few words heard, the source of the mystery is apparently demystified, even when not yet understood. Such is the true nature of mankind, the mind which foresees the discovery of the previously unknown future.

Take the cases:

The known spoken languages actually both spoken and heard, are the languages of human sense-percep-

tion. Such images as those noted immediately above, are not expressions of animal-like expressions of sense-perception. The matter is typified by the implication of the content of Section III of Bernhard Riemann's habilitation dissertation, his **Über die Hypothesen, welche der Geometrie zu Grunde liegen**, a language spoken in another science, the science of the physics spoken among the likenesses of the planets and stars, rather than that of Earth-bound sense-perceptions. True science, whenever considered apart from mere sense-perception, speaks an absolutely different language, but, nonetheless an efficiently actual kind of language.

However, literal human speech aside, what mankind encounters in physical reality, is "actually written" in the language of the stars, not the likes of Latin. Man today, urgently needs such truly relevant translations.

Chapter III.

The Domain of Creation

This is the most natural thing in the world, for any seriously committed human individual, especially those who are true scientists who have learned mathematics, but who are not so foolish as to believe in a truthfulness in the practice of accounting, even when they use it, especially when it were intended to deliver what they could recognize as fraudulent results. Recall the conclusions presented in the course of the now immediately preceding portion of this present report. For us, now, once we have considered the arguments presented in this report earlier, where the meaning of "principle" had been demonstrated to signify an unbounded process of creation, *only the process of creating coheres with a truthful moment of existence.*

The characteristic of the successful behavior of human experience, lies within what we may term, as for purposes of convenience, as "progress," especially ontologically evolutionary progress in what may be referenced as the ontological principle of universal physical progress. For us, there is no end to the process of creation; but, only the ontological progress expressed by "endless, evolutionary progress."

The facts which some parts of an educated population have made available to scientific practice, provide mankind adequate proof that mankind has some intrinsic abilities of implicitly "noëtic-like" characteristics, abilities which may be sufficient to develop themselves to a level of competence for developing the kind of sci-



"Mankind is the only species presently known to us which is capable of being defined, precisely, as of the potential quality for voluntary self-evolution of the human species." Shown: "Baby at Play," Thomas Eakins (1876).

entific practice sufficient for providing mankind's growing "intellectual" form of capacity for managing those extended operations pointing to the ability for deliberate development of intellectual powers capable of a blending of direct and indirect operations functioning ultimately on a Solar-systemic scale, this by taking into account the possible case ultimately without the "outer limits" known to us presently.

That is, admittedly, "a generality," but up to some presently unknown limit, the implied potentials, especially those of noëtic significance, are sufficiently clear to define a proper approximation of directions adequate to warrant a decision of "must do," respecting an urgently needed emphasis. The emphasis has various implications. They are reducible essentially to two principal categories: (a) Can Do; and, (b) Must Urgently Do. "Urgently" includes the consideration of the likelihood that the human species might risk rather early extinction, if we do not do that which might be assuredly possible.

In Summary:

That brings us to the next issue to be taken up on this same account.

The probable issue to be considered as urgent, if in outline, here and now, is the fact to which I have referred along the lines of the discussion here so far, which, in turn, can be summarily identified in the following problem-set of choice of language.

(1) We humans are now implicitly "condemned" to derive a body of practice rooted in the delimited category of practice based on our own species-set of implicitly "chosen" biologies in a form of basis for a "biotic language-set" designed for the intended management of "willfully" modifying operations of changes within parts and the whole of the Solar system. This has been chiefly defined for us, this far, by the implications of our own systemic sort of human "bio-mental" potentials; we are biased by emphasis on behalf of those established, relevantly restricted sets of factors. This is not the specifying of a design, but of a search for evidence of such phenomena, and, at the same time, a fresh re-examination of assumptions bearing on categories of possibilities. We must seek out syndromes with characteristics which

correspond to types which we may recognize as implicitly noëtic.

(2) The special challenge to be considered on that account here and now, is that the bio-mental system of human and other species, already pre-prejudices our policy-choices by providing an adduced notion of a principle of "mind" which may not be reality, but merely a seductive fiction. We were then controlled by the limitations implicit in such a notion of such an indicated choice of the limitations imposed in the system which implicitly "steers" the process's selection of what we should emphasize as a noëtic model built into the design of both the bio-system, and of its implications for the structuring of evolutionary processes, even on an imputable system of organization within, for example, the commonly accepted rules attributed to a popular opinion on the Solar system.

Even without knowing such a design, we must consider the existence of such seminal proto-noëtic potentials within the Solar system. I emphasize the need for a very broad design-description.

(3) What should encourage us, is the importance, for human survival, and for related categories of concern, of recognizing what we might identify as marginal factors uttered on a relatively small scale, which may have "genetic-like" effects of radiated change within the process considered. (There will be more to come: at a not-distant, future time.)

Curiosity Opens Many Windows To the Solar System

by Marsha Freeman

Aug. 5—As we mark the one-year anniversary of the successful landing of NASA’s Curiosity rover on Aug. 6, planetary scientists are reaping the early results of a set of scientific experiments never before carried out on Mars. The highly sophisticated, nuclear-powered rover will help both uncover the evolutionary history of the planet, and describe in detail where it is in that process today. But the success of the mission is not only important based on what the Curiosity will find, but the precedent it sets for the missions of the future exploration of Mars.

The question of whether there was, or is, life on Mars has been the prime motivation for the series of missions in NASA’s Mars exploration program. The question of whether life presents itself uniquely on Earth, or is a universal characteristic of all of Creation, has occupied the greatest minds in science for generations. While Curiosity is not expected or designed to provide a definitive answer to that question, it will extend and enrich our understanding of crucial aspects of the pathway of development of the planet, through its geological, chemical, and hydrologic history, and provide more insight into whether that pathway has included life.

But Curiosity also has “a higher calling.” Strategically located between our planet and the main belt of asteroids, the rover, complemented by a set of spacecraft in orbit around Mars, has a bird’s-eye view of stray debris left over from the creation of the Solar System, some of which has, and will, threaten our planet. Curiosity can be thought of as a pathfinder for what must be a series of sentinels, helping to keep watch over the safety of the Earth. In this regard, telescopes and other scientific infrastructure located on or near Mars provide a new perspective on the activities in our celestial neighborhood.

The technological breakthroughs required for the next steps in exploring Mars, including most emphati-

cally, the deployment of fusion energy, will also create the ability to interfere with any potential extraterrestrial threats to Earth. From this unique vantage point, in the future, we will be able to not only find and, when needed, disable individual asteroids and comets, but discover the generating principles that created these seemingly wayward objects, and the Solar System, itself.

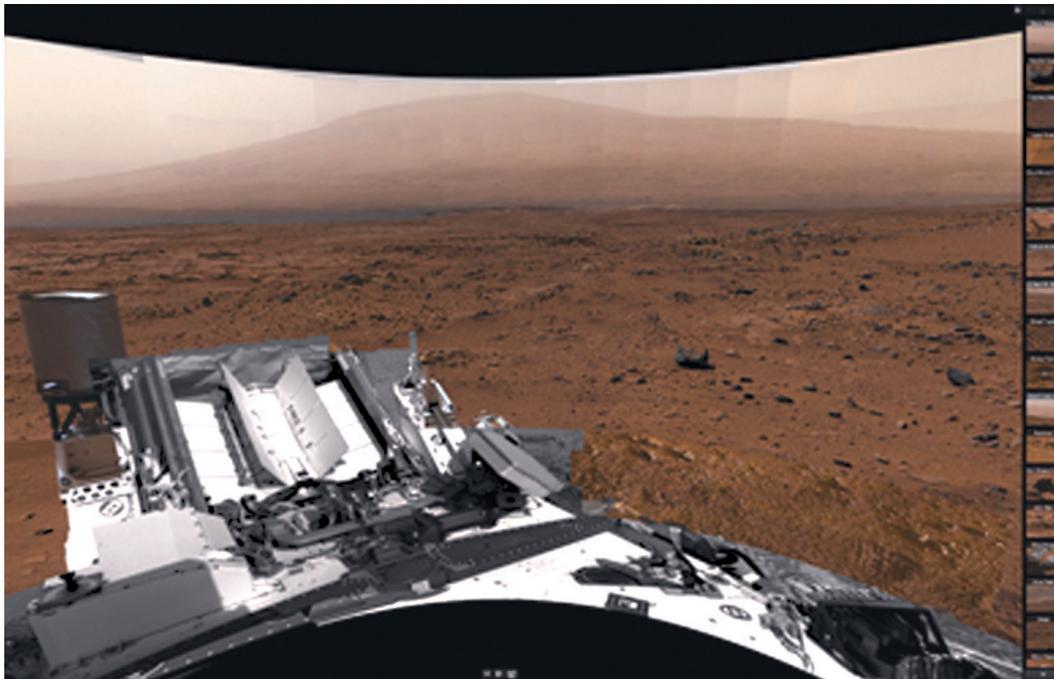
From the orbit of Mars, we will be able to gain new insight into the development of the Solar System, as well as a new perspective of the Earth. This is not because we will be able to “see” the Earth from Mars, but because we will discover new generating principles in the creation of life and the galactic processes within which they occur.

The End of ‘Curiosity’?

The truly astounding event, however, over this past year, has not been the performance of Curiosity, but the intention to have this magnificent scientific laboratory be the last one of its kind. The Mars exploration program has been savagely attacked by the Obama Administration, as future missions have been cancelled, delayed, and de-scoped.

Since the mid-1970s, when the Viking landers and orbiters revealed a planet that had a geologically dynamic past, and a history of flowing water, various missions had been proposed, and some were even approved, to bring to bear on Mars the kind of infrastructure deployed on our planet and in near-Earth space, to gain a detailed understanding of what once may have been a more Earth-like world.

Proposals were considered for Mars airplanes, for *in situ* study of the atmosphere; weather stations to help guide safe landings on the surface; networks of seismic stations to determine the interior structure and composition of the planet’s core; fleets of communications satellites in Mars orbit, for uninterrupted ex-



NASA/JPL-Caltech/MSSS

This full-circle view, which includes the Curiosity rover and distant Mount Sharp, toward which it is headed, was created by combining nearly 900 images, taken by the rover between Oct. 5 and Nov. 16, 2012. It is composed of 1.3 billion picture elements, or pixels.

changes with Earth; an interplanetary Internet, to manage and transfer huge amounts of data; robotic systems on the planet's surface that could be operated remotely from Earth, or one of Mars's moons; and telescopes with an array of scientific instruments for a new age in the exploration of space. Using the indefensible excuse that there is not enough money for space exploration, the Obama Administration has put Mars on the chopping block.

We must decide now if we plan to have a future as a nation, as a civilization, as life on Earth. The threats are immediate, in terms of the current worldwide descent into barbarism through an existential economic collapse; unknowable, in terms of the threat to Earth from space; and long-term, since, at some point in the distant future, we know that our Sun will no longer provide us with the means for life on Earth.

While it is not the case that a space exploration program meets these challenges in itself, there will not be a resolution to any of them without one.

Mars: A Habitable Planet

In March, scientists announced a major step forward toward answering the question of whether Mars could possibly have supported life. Curiosity's instruments revealed the groundbreaking results.

Although numerous previous orbital missions, and

the still-operating Opportunity rover, have confirmed that there once was flowing water on Mars, the chemical composition of the minerals that Opportunity examined indicated that past water in Meridiani Planum was acidic and salty, not conducive to supporting life. However, data gathered from orbiting satellites had indicated the presence of clay minerals in Curiosity's region of Mars, which held the possibility for a different chemistry.

Curiosity found that the composition of the clay, examined from a drilled sample inside a rock named "John Klein," after the mission's deputy project manager, who died in 2011, indicated that it formed in water that was neutral, or mildly alkaline. If you were on the planet, you would have been able to drink it, was the way Curiosity chief scientist John Grotzinger described it during a March 12 press briefing.

Second, a detailed analysis of the chemicals in the rock sample identified sulfur, nitrogen, hydrogen, oxygen, phosphorus, and carbon—all key ingredients for life. Combinations of pairs of some of the chemicals could provide the energy source for micro-organisms, the scientists reported.

Last month, scientists released findings from the Sample Analysis at Mars (SAM) suite of instruments, which measures the abundance of different isotopes of elements in the atmosphere. How, why, and how quickly

the atmosphere of Mars has escaped into space will help reveal aspects of the geologic, chemical, hydrological, and potentially, biological history of the planet. A thicker atmosphere, which would indicate a warmer climate, would have allowed liquid water to exist on the surface of Mars.

Curiosity scientists reported that as heavier isotopes would tend to remain near the ground, or, for a longer period of time, in the atmosphere, as lighter isotopes more easily escape, determining the ratio between them sheds light on Mar's atmospheric history. The enrichment of heavier isotopes as measured by the instruments verifies the expected process of evolution of the atmosphere.

Curiosity has spent a highly productive half (Earth) year exploring an area within 500-yards of its initial landing site. On July 4, the mobile laboratory began the five-mile trek to its ultimate goal—the three-mile-high layered mountain in the center of Gale Crater, in which the rover landed one year ago. The drive to Mount Sharp will be done slowly and deliberately, and will take more than the rest of this year to accomplish. The mound in the center of the crater was formed as a result of an impact on the surface of the planet, likely more

than 3 billion years ago.

Over time, a sequence of deposits was laid down, most likely through the action of flowing water, forming sedimentary layers. Each layer of the stratified structure encases a different period in the geological and chemical history of Mars. This is similar to the way the geological history of Earth can be read through the stratified layers of formations such as found in the Grand Canyon. Scientists hope to read this history in order to map the evolutionary changes in the planet, over billions of years.

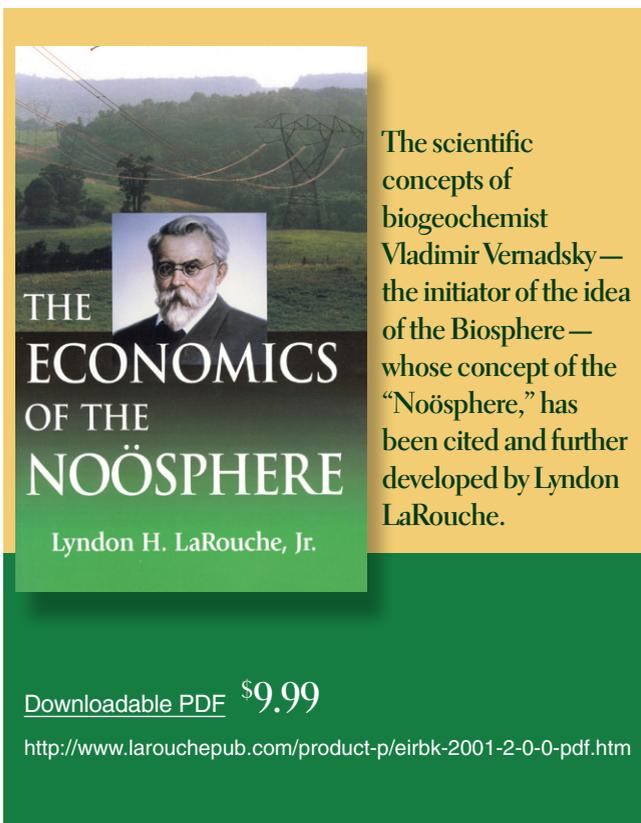
Vernadsky on the Cosmic Origins of Life

In tackling the question of the origin of life on Earth, the great 20th-Century Russian-Ukrainian scientist Vladimir Vernadsky proposed that the Earth's continual interaction and exchanges with the rest of the cosmos had to be taken into account, in considering the appearance of life. If this is so, he posited, there is every possibility that there is life elsewhere in the cosmos.

In creating the science of biogeochemistry, Vernadsky explained that although there are geological and chemical prerequisites required for life, it was life's creation of the biosphere that evolved Earth's geology and chemistry. Vernadsky made these discoveries through the study of basic processes of the planet, and his ability to conceive of a higher-order process. He was the first to initiate an intensive study of the chemical and atomic—that is, isotopic—properties of life, examining the distinguishing earmarks of life in the Earth's biosphere, we well as a similar examination of meteorites.

Finding life on Mars, therefore, is not simply a question of looking intensively for microbes, or their remains, but applying Vernadsky's concepts and methods to discover the underlying principles of how life developed on Earth and may have developed on Mars.

Curiosity is the first step in this investigation, as it advances the detailed examination of the geochemical history and the current state of Mars. In the future, advancements will be made by applying Vernadsky's most critical breakthrough—the deployment of man's unique creative thought, to planetary exploration. New platforms of technology that are man's tools, and the passion and commitment to create a future for humanity, will lead to the answers to some of mankind's most profound questions.



THE ECONOMICS OF THE NOÖSPHERE
Lyndon H. LaRouche, Jr.

The scientific concepts of biogeochemist Vladimir Vernadsky—the initiator of the idea of the Biosphere—whose concept of the “Noosphere,” has been cited and further developed by Lyndon LaRouche.

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Expanding NAWAPA XXI: Weather Modification To Stop Starvation

by Benjamin Deniston

July 31—Lyndon LaRouche has recently emphasized the need to accelerate the proposed construction of the North American Water and Power Alliance (NAWAPA) for the very survival of the United States.¹ Because of the Anglo-Dutch-directed environmentalist coup against our nation-building, pro-growth traditions typified by the presidencies of Franklin Roosevelt and John F. Kennedy, the United States is suffering from a long-building water crisis.² Options for new water supplies have either been blocked or ignored, and supplies of groundwater (the only source for entire sections of the West) have been over-used and abused.

This now poses an existential threat to food production and supplies, exacerbated by the genocidal continuation of the biofuels insanity, converting precious cropland to fuel production, while millions starve.³

Given the level of crisis, all available scientific capabilities should be applied to the defense of the water, food, and livelihood of the people of North America, including systems to influence and control the weather. Weather modification systems can bring rain to regions of the West where it is desperately needed, providing near- to medium-term emergency relief, and can be designed to operate in conjunction with the nuclear-powered NAWAPA XXI system as it is being constructed and implemented.

This technology is not the more familiar cloud-

seeding; it relies on ground-based electrical systems which ionize local regions of the atmosphere, allowing for the controlled modulation of the ionization level of the atmosphere, which in turn, affects water vapor condensation, cloud formation, latent heat release, the local conductivity of the global electric circuit, and related processes affecting the weather.

This is not a theoretical project. Already, ionization systems have been used to increase rainfall in regions of Russia, Mexico, Australia, and the United Arab Emirates (plus additional operations in other nations that have not been made public)—providing multiple, independent demonstrations that have shown significant levels of success.

For the United States, similar systems can be integrated with the NAWAPA XXI ocean-continental water-management system, enhancing the principle of NAWAPA itself:

To provide greater control over the water cycle of the North American continent and its surrounding oceans (bringing the water to the needed locations while ensuring that excess water does not burden the regions where it is not needed); and, above all, increasing the productivity of that water, by ensuring its participation in a greater density of photosynthetic, biological, and human economic activity, raising the value and the productivity of the North American continent.

It is possible that ionization-based systems could accelerate that process, by influencing the existing air moisture and rainfall patterns. While this could even provide some short-term relief from the immediate drought conditions, the ultimate success absolutely depends upon the central role of NAWAPA XXI.

With the existential and deadly threat of water and food shortages plaguing this nation, it would be criminal to refuse to seriously investigate all scientific options available to mankind for alleviating the crisis.

1. See the full report, “NAWAPA XXI,” and extensive video and written background material at <http://larouchepac.com/infrastructure>

2. See the LaRouchePAC feature film, “NAWAPA 1964” (<http://larouchepac.com/nawapa1964>).

3. See the following articles by Marcia Merry Baker: “Defeat London’s Biofuels Genocide Policy Now!” *EIR*, June 28, 2013 (http://www.larouchepub.com/other/2013/4026biofuels_genocide.html); “Anti-NAWAPA Water Policy Means Food Emergency,” *EIR*, May 31, 2013 (http://www.larouchepub.com/other/2013/4022anti_nawapa_food.html); and “Food & Agriculture Crisis Fact Sheet: Restore National Sovereignty, End Famine-Depopulation Agenda,” *EIR*, Feb. 22, 2013 (http://www.larouchepub.com/other/2013/4008food_ag_crisis.html).

The NAWAPA Principle

NAWAPA is a long overdue next step in mankind's improvement of the biospheric productivity and human economy of the North American continent. Going back thousands of years, the growth of the human species has been intimately tied to the deliberate control and improvement of water supplies. The governing principle has always been, and must continue to be, that man is increasing the productivity of the water cycle, as expressed in the increased use and re-use of water in productive biological or industrial processes.

The idea that we simply "use up" fresh water is beyond silly.

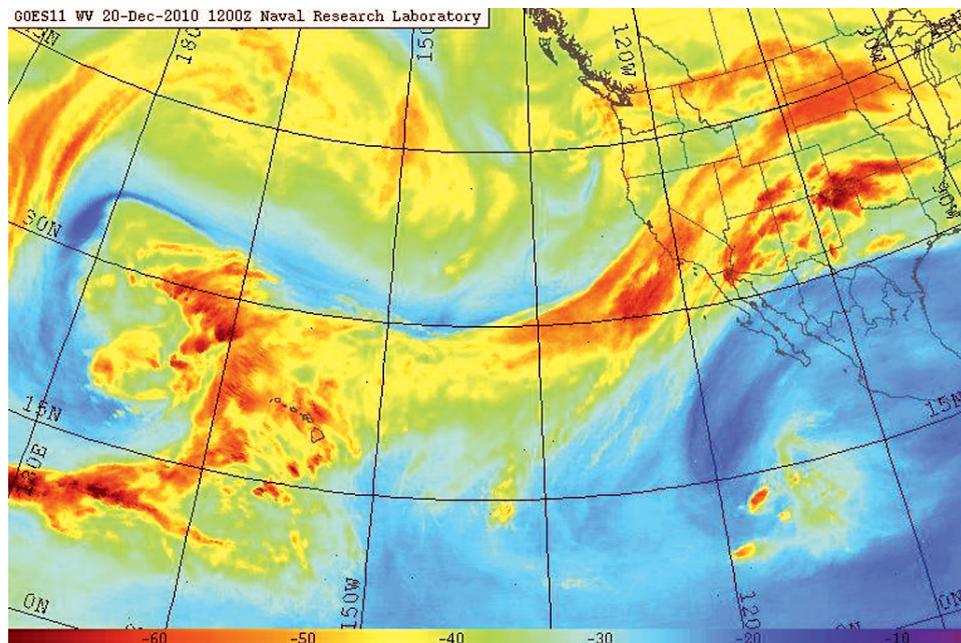
For example, the Sun does an impressive amount of work to evaporate huge amounts of water. Of the total amount of solar radiation reaching the Earth per day (173 million gigawatts), 25% of the energy flux goes into the continuous evaporation of water! This means a very large amount of water (and potential energy) exists in the form of water vapor, floating over our heads at all times.

While the quantity of water in the air is itself remarkable, so is the structure. Since the 1990s, scientists have known about "atmospheric rivers," narrow corridors or filaments of concentrated water vapor flowing high above the Earth's surface. These have been measured to occupy only 10% of the area of the mid-latitudes, but carry 90% of the moisture moving from the tropics to the poles—expressing concentrated structures, as opposed to a homogenous distribution.

Some atmospheric rivers bear a greater flow than the largest (land) river on Earth, the Amazon.⁴

When this water falls as rain over the land, it causes plants to grow, providing the source of the vast majority of the food requirements for mankind (except for sea-

FIGURE 1



Water vapor over the eastern Pacific Ocean imaged by the GOES 11 satellite in December 2010. Notice the large atmospheric river aimed across California. This particularly intense storm system produced as much as 26 inches of rainfall in California, and up to 17 feet of snowfall in the Sierra Nevada, Dec. 17-22, 2010.

food). The ultimate source of the rivers, lakes, and groundwater, is the process of evaporation and rainfall.

So, there is no "limited supply" of water, and water is not a resource that is getting "used up." Water need not be "the new oil," as some proclaim.

Mankind simply has to manage and improve the already existing larger cycles, because the unaided biosphere is not always effective in its hydrological distribution.

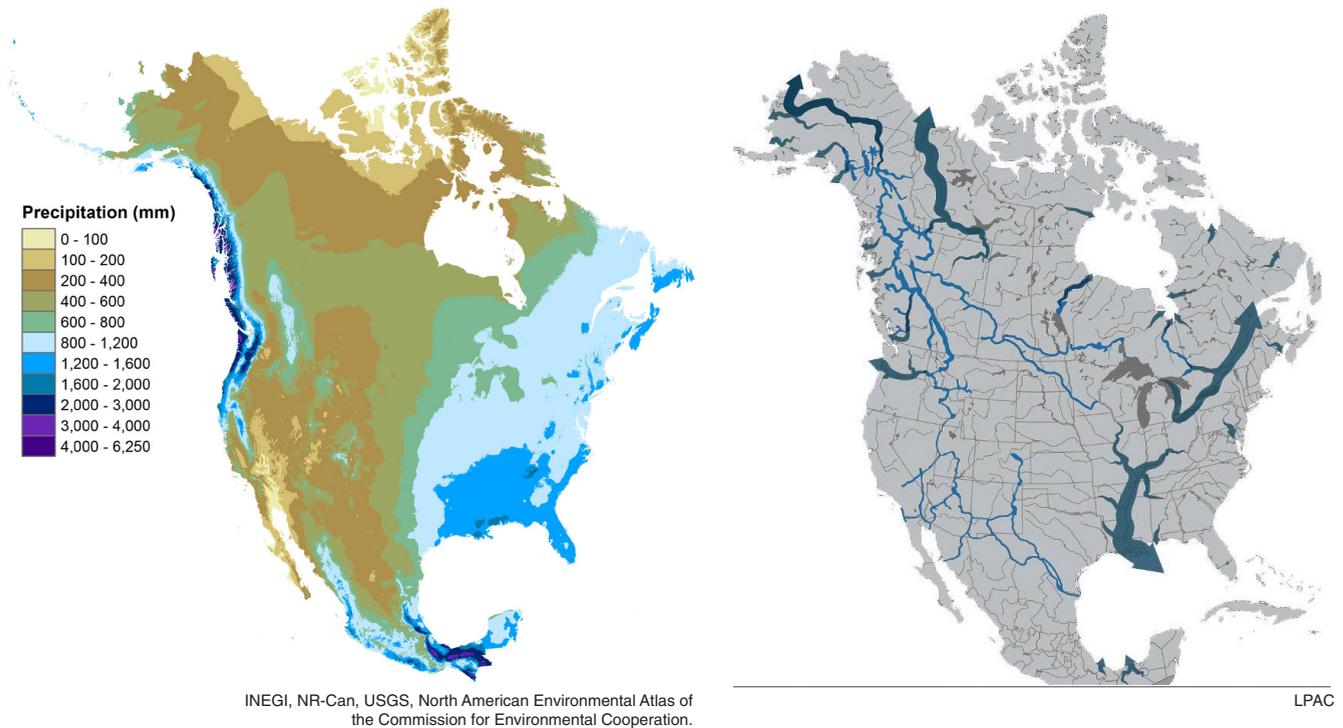
For example, as pertains to NAWAPA, the natural wind, ocean, and geological systems of North America result in a severe discrepancy in the distribution of fresh water across the western half of the continent. As seen in **Figure 1**, a narrow strip of the coastal region, from Alaska, through Yukon, and down to Washington State, receives a density of rainfall much greater than anywhere else in the Western or Southwestern United States, while the related northern water basins of Alaska, British Columbia, and Yukon provide 40 times more fresh water runoff than the entire U.S. Southwest and northern Mexico. Unfortunately, much of this northern water quickly runs off into the ocean with little or no productive use by the biosphere.

4. http://tenaya.ucsd.edu/~dettinge/atmos_rivers.science.pdf

FIGURE 2

North American Annual Precipitation • 1950 - 2000

The NAWAPA System



Left: Annual precipitation for North America. Right: The NAWAPA System—the arrows are scaled to the current freshwater runoff rates for all the major river systems of North America (notice the utter lack of runoff in the West and Southwest).

What a terrible waste of the Sun’s work!
 NAWAPA, planned in the 1950s and ’60s, would dramatically increase the biospheric productivity per square kilometer of the western half of North America, by redistributing 20% of the otherwise wasted fresh water runoff from coastal Alaska and British Columbia into the Southwest, with a relative handful of dams, a series of natural canals and rivers, and the construction of tunnels, pumps, and related systems. Much of this water would eventually return to the ocean, but, thanks to NAWAPA, it would first participate in photosynthetic, biological, and economic processes, many times throughout the Southwest, greatly increasing the productivity of the water cycle (Figure 2).

Since NAWAPA was not constructed when it was first proposed, the interconnected water and food crises have become existential. And Lyndon LaRouche, after calling for a relaunching and upgrading of the NAWAPA project in the Fall of 2010, has continued to emphasize that the construction and implementation must be rapidly accelerated—with nuclear power being a key

driver to increase the capabilities and rate of development of the NAWAPA system.

According to the original Parsons design, NAWAPA was expected to take 20-30 years to construct. LaRouchePAC’s assessment, in consultation with a committee of experts, is that that can be accelerated to 15-20 years (or perhaps even faster), depending upon the level of investment.

Whereas the original design called for releasing a significant amount of water from the system, down into the Pacific Ocean, to generate hydroelectricity to power the pump-lift components of NAWAPA, using nuclear power instead would mean that precious water would not have to be released into the Pacific for power generation, and the water available for distribution in the Southwest could potentially double.

Nuclear power can also provide large amounts of desalinated ocean water at key coastal regions, either feeding directly into NAWAPA or providing another sub-component of the continental system.

In general, nuclear power provides the highest level of energy-flux density immediately available, and must

be utilized to accelerate and strengthen the NAWAPA system.

Within this commitment for the construction of NAWAPA—itself centered on creating a more intense and productive utilization of the water cycle of the continent as a whole—weather modification systems can be utilized to further expand the deliberate management and control of the moisture cycles.

Weather Modification via Ionization

The basis for the weather modification systems discussed here lies in what could broadly be associated with the electrical, ionization, latent heat, and related properties of atmospheric and weather systems, and the effects that additional ionization and electrical inputs can have on these systems.

For example, as early as 1989, one of Russia's leading scientists in the field of solar-terrestrial physics, M.I. Pudovkin, put forward the hypothesis that galactic cosmic radiation was affecting the Earth's climate and weather.⁵ Over the subsequent years, Pudovkin and his team became a leading group within a growing movement studying this Galactic-Solar-Earth interaction.⁶

In the West, this began being popularized in the late 1990s, when the Danish physicist Prof. Henrik Svensmark began to champion a new science of "cosmoclimatology." Svensmark and his associates showed very close correlations between changes in global cloud cover, and variations in galactic cosmic radiation, and proposed that the ionizing effects of cosmic radiation were playing a role in stimulating cloud formation, and thus affecting the climate.⁷

He posited that the ions created by galactic cosmic radiation become centers around which water vapor

can condense, and these growing clusters of condensation can build up to become clouds.

An important emphasis should also be placed on the effects of the condensation process itself. When water changes its state from gas to liquid form, it releases energy—referred to as latent heat release. The fact that fully one-fourth of incident solar energy is, in a sense, stored in the process of the evaporation of water, means there is a huge amount of potential energy throughout the atmosphere at all times, waiting to be released as heat when the water is induced to return to a liquid state.

The role of ionization in stimulating condensation, and thus, the release of latent heat, means that changes in ionization levels, in addition to having the potential to stimulate cloud formation and rainfall, can affect large stores of atmospheric energy. There are indications that this can even influence hurricanes and cyclones (see box).

Even though the exact details involved in the process leading from ionization to cloud formation have been the subject of academic debate for years, the reality of the food and water crises facing the American people demands the discussion leave the domain of academia, and enter active investigation and experimentation.⁸

Can we effectively act upon these processes for purposes of weather modification? Specifically, can we control rainfall patterns?

For decades now, one technique has been to construct towers supporting networks of thin electrical wires, through which specifically tuned currents produce an ionization of the immediately surrounding air. The ionized air then propagates into the surrounding atmosphere (either by wind, or by the electrical charges), affecting condensation, cloud formation, latent heat release, the local conductivity of the global electric current, and related processes.

In Mexico, these systems have been successful for years, with dozens of stations set up to increase rainfall in key regions, starting in the mid-1990s. As discussed below, these Mexican systems have been based on technology that originated in Russia, where it has also been successfully used (to increase the crop harvests in the Krasnodar region, for example).⁹

5. Correlations between solar activity and weather/climate had already been long documented, but with no satisfactory explanation for how the interaction occurs. Because the Sun (through its magnetic field) modulates the galactic cosmic radiation reaching the Earth, Pudovkin proposed that it was actually the cosmic radiation that was affecting the Earth's weather/climate, and the correlation with the Sun was due to the role of the Sun in affecting how much of the cosmic radiation reaches the Earth.

6. O.M. Raspopov and S.V. Veretenenko, "Solar Activity and Cosmic Rays: Influences on Cloudiness and Processes in the Lower Atmosphere (in Memory and on the 75th Anniversary of M.I. Pudovkin)," *Geomagnetism and Aeronomy*, April 2009, Vol. 49, No. 2 (pp. 137-145).

7. More clouds will reflect more sunlight, and cool the climate. See Henrik Svensmark and Nigel Calder, *The Chilling Stars: A New Theory of Climate Change* (Totem Books, March 2003).

8. See V.G. Bondur, S.A. Pulnits, G.A. Kim, "Role of Variations in Galactic Cosmic Rays in Tropical Cyclogenesis: Evidence of Hurricane Katrina," in *Doklady Earth Sciences*, 2008, Vol. 422, No. 7 (pp. 1124-28).

9. See Sergey Pulnits, "Weather Control? Yes, It Is Really Possible," *Russia Beyond the Headlines*, March 25, 2009 (http://rbth.ru/articles/2009/03/25/250309_weather.html).

More recently, the United Arab Emirates has built similar systems, and trial stations have shown positive results in Australia. While there have been more successful demonstrations in other nations, these three publicly available cases will serve to make the point.

Case Study: Mexico

In the 1990s, the then-director of the National University of Mexico's Space Research and Development Program, Dr. Gianfranco Bissiachi, began collaboration with a Russian scientist, Dr. Lev Pokhmelnikh, who had worked in weather modification since the 1980s. Supported by Heberto Castillo, then-president of Mexico's Senate Committee on Science and Technology, in 1996, Pokhmelnikh and Bissiachi oversaw

the development of an initial network of three ionization stations based upon Pokhmelnikh's designs (ELAT).¹⁰ The initial results generated enough interest and support, that the system was expanded from three stations in 1999, to 21 by 2004.

In 2003, *Mass High Tech* ran an article discussing the potential use of ionization systems in the United States, based upon the precedent set in Mexico. It de-

10. In the early 1990s, after the fall of the Soviet Union, Pokhmelnikh started a company, Electrificación Local de la Atmósfera Terrestre SA (ELAT), based upon his weather modification techniques. See Adi Ignatius, "Rain, Rain, Go Away, Go Soak Someone Less Willing to Pay: Moscow Firm Offers Weather Made to Order," *Wall Street Journal*, Oct. 2, 1992; Andrew Higgins, "Out of Russia: For a Price, Even Weather Is Up for Sale," *Independent*, Oct. 9, 1992; and "Russian Scientist—Mexico's New Rain God?," Reuters, June 24, 1996.

Cosmic Rays and Katrina

A 2008 study showed a relationship between galactic cosmic rays, solar activity, and the infamous hurricane Katrina, which devastated New Orleans in 2005.¹

As described in the study, one key component in the intensity of cyclones and hurricanes is the temperature difference between the relatively warm ocean, compared with the colder upper atmosphere. A greater temperature difference leads to a more intense convection process, in which the warmer ocean air rises up to meet the colder air high in the atmosphere above.

In the case of Katrina, while the storm was out over the Atlantic Ocean, the Earth's magnetic field entered a period of intense fluctuation, known as a "geomagnetic storm."² Geomagnetic storms can, in turn, reduce the galactic cosmic rays entering the Earth's atmosphere, because the Earth's magnetic field generally acts to deflect charged particles like

galactic cosmic rays. This lowering of cosmic-ray flux reaching the Earth due to a geomagnetic storm is a well-known phenomenon, called a Forebush decrease.

The constant inflow of cosmic rays causes an ionization of the Earth's atmosphere, inducing condensation of water vapor, and the release of latent heat. Because this latent heat release plays an active role in warming the already cold upper atmosphere, if the cosmic-ray flux is reduced, so then is the ionization, condensation, and latent heat release—leading to a further cooling of the upper atmosphere.

As Katrina approached the Gulf of Mexico, the reduction of the cosmic-ray flux caused by the geomagnetic storm of Aug. 24-25 led to a 9°C drop in the temperature of the upper atmosphere, and a consequent increase in the intensity of the hurricane, since this increased the temperature difference between the warmer ocean and the now even colder upper atmosphere, resulting in increased convection and intensity.

In the context of discussing active weather modification, it is worth considering the possibility that perhaps such stores of potential energy (latent heat) could be actively modulated by mankind to defend our population against storm systems. If less ionization/condensation can lead to an intensification, then perhaps increasing the ionization/condensation could be used to weaken threatening storms as well?

1. V.G. Bondur, S.A. Pulinet, and G.A. Kim, "The Role of Galactic Cosmic Rays in Tropical Cyclogenesis: Evidence of Hurricane Katrina," *Doklady Earth Sciences*, 2008, Vol. 422, No. 2, pp. 244-249.

2. Geomagnetic storms are generated by strong outbursts of solar activity which bombard and rattle the Earth's magnetic field, causing fluctuations in the intensity.

scribes the success of the first Mexican ELAT ionization station as follows,

*“That country’s first ELAT station, in the drought-stricken state of Sonora, increased average rainfall from 10.6 inches to 51 inches in the first year; according to Mexican department of agriculture statistics. When a lack of state funds shut down the station the following year, area rainfall measured 11 inches. In the third year, with the station operational again, the area recorded 47 inches of rainfall. [In 2003 the technology was operational] in eight states in the driest regions of Mexico, and some areas [reported] a doubling or tripling of annual rainfall.”*¹¹

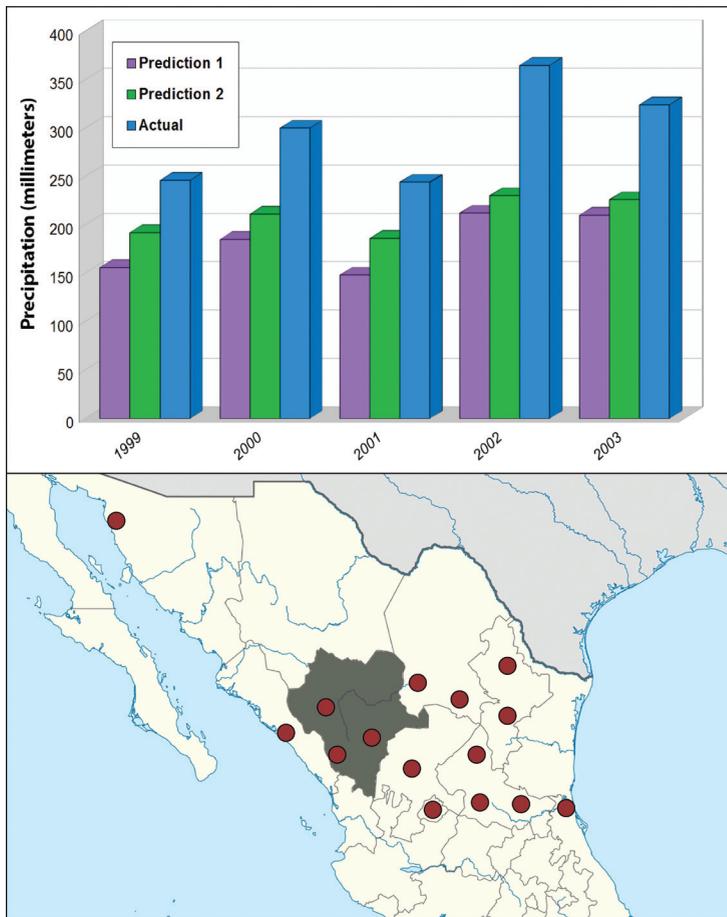
In 2004, *IEEE Spectrum* also covered these Mexico operations, citing a doubling of the average historical precipitation in Mexico’s central basin, resulting in a 61% increase in bean production in the affected areas. Bisiacchi is quoted saying that each station can affect weather up to 200 kilometers away.

A 2008 paper on the potential use of these ionization systems in Texas analyzed the rainfall levels in the central and southern regions of the Mexican state of Durango, which had benefitted from these systems for a decade (**Figure 3**). Each year from 1999 to 2003 showed a significant increase in rainfall over the expected levels. The authors of the paper calculated that there was less than a 1 in 400 billion chance that this could have happened by happenstance.¹²

According to the 2008 paper, following the successful demonstrations up to 2004, a meeting was held to discuss the technology with representatives of seven Federal agencies and of the nine states in central and northern Mexico which were using or planning on using the technology. This resulted in further support, including from the Mexican Council on Science and Technology, to fund the continued expansion of the network to 36 stations by 2006.

These systems have been so effective that they have also been used to put out fires over large areas of

FIGURE 3
Mexico Ionization Locations and Results
ELAT STATIONS & PRECIPITATION IN DURANGO



Based on information from “Artificial Atmospheric Ionization: A Potential Window for Weather Modification,” by Phillip Kauffman and Arquimedes Ruiz-Columbié, 2008.

Top: Actual precipitation compared with two forecasts of expected precipitation based on historical records, for the central and southern regions of the Mexican State of Durango.

Bottom: Locations of ELAT ionization stations throughout Mexico (as of 2002); the shaded area is the state of Durango.

the Yucatán Peninsula.¹³

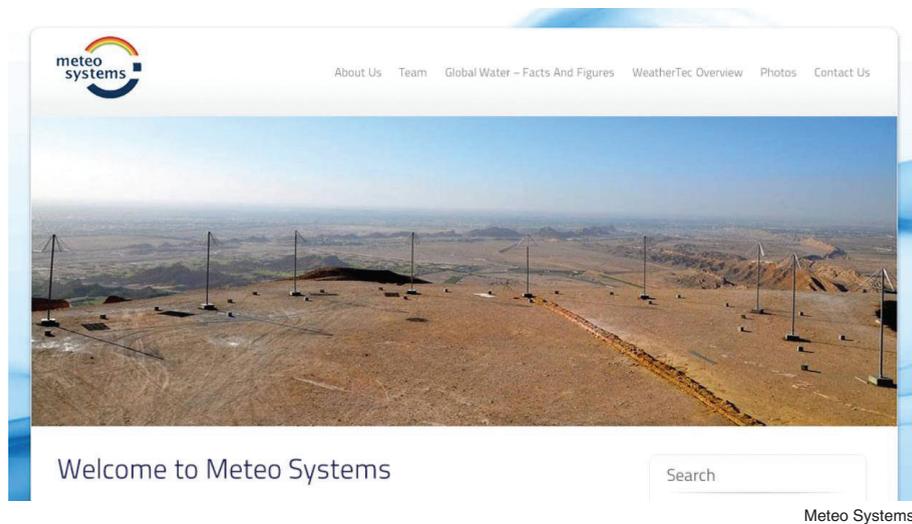
Before passing away in 2006, Bisiacchi expressed an optimistic vision for what mankind could do with such systems: “One of my dreams is some time to be able to go to Africa and stop the advance of the Sahara desert.”

11. Jay Rizoli, “Looking for a Change in the Weather?,” *Mass High Tech: The Journal of New England Technology*, March 10, 2003.

12. See Phillip Kauffman and Arquimedes Ruiz-Columbié, “Artificial Atmospheric Ionization: A Potential Window for Weather Modification,” 2008.

13. See Sergey Pulnits “Weather Control? Yes, It Is Really Possible,” *Russia Beyond the Headlines*, March 25, 2009 (http://rbth.ru/articles/2009/03/25/250309_weather.html).

FIGURE 4



The Jebel Hafheet ionization station in the UAE, shown on the Meteo Systems website.

Case Study: United Arab Emirates

In early 2011, a barrage of media reports covered a leaked, supposedly secret, weather modification program of the United Arab Emirates. The story broke when the London *Sunday Times* detailed a contract with a Swiss company, Meteo Systems International, to build a series of ionization stations to bring rain to regions of the UAE, including the capital, Abu Dhabi (Figure 4).¹⁴

The initial coverage claimed evidence for successful operations in 2011, pointing to 52 unanticipated rain showers, and citing interest from numerous scientists involved. However, the level of publicity apparently spooked some people, and the head of Meteo Systems, along with other scientists involved in analyzing the project, refused to speak about it, while subsequent media coverage was filled with “skeptical” reports, insisting such systems could never work.¹⁵

Still, the publicity generated some interesting coverage.

National Geographic consulted Peter Wilderer of the Technical University of Munich, who provided some useful background, saying, “ionization technology was first mentioned in 1890 by [Nikola] Tesla. In 1946 General Electric executed some field trials under

14. Rod Chayto and Jonathan Leake, “Looks Like Rain: Science Creates Downpours,” Jan. 2, 2011.

15. For example, see Jonathan Gornall, “Rumors and Rainmaking in Al-Ain,” *The National* of UAE, Feb. 3, 2011.

the leadership of [Bernard] Vonnegut. Later the technology was used for military purposes in the former Soviet Union.” Wilderer cited evidence he had seen from radar images, suggesting that ionization can generate some effects, but he couldn’t personally attest to the work of Meteo Systems.¹⁶

After the publicity died down, in 2012-13, Meteo Systems redesigned and opened up its previously private website, which now provides explanations of its work, locations in which it is trying out the technology, images of the systems, and assessments of what conditions are required for the systems to work.

According to the website, the company was started in 2004, ran trials in Switzerland in 2005, and then started trials in the UAE in 2006, and Australia in 2007, before getting funding from Sindicatum Sustainable Resources for an additional trial in Al-Ain, UAE. The website proclaims, “Meteo Systems’ WeatherTec™ is an old idea that has been developed and enhanced over years of scientific research and trials.”

Case Study: Australia

In 2007, the Australian Rain Corporation was formed, with Meteo Systems as the major shareholder. In 2007-08 the Australian Government’s National Water Commission funded some initial trials, and in 2008, the corporation split off from Meteo Systems, and became Australian Rain Technologies (Figure 5).

From 2008 to 2010, Australian Rain Technologies ran three trial programs which included detailed statistical studies analyzing the effects:

Paradise Dam, Bundaberg (January-May 2008): Resulted in a 17.6% increase above anticipated rainfall in a 30° downwind arc from the system.

Mt. Lofty Ranges, Adelaide (August-November 2008): Produced an increased rainfall of 15.8% above the anticipated levels over a 120° arc downwind from the system.

16. Brian Handwerk, “Scientists Make Dozens of Storms in the Abu Dhabi Desert? Claims of Manmade Rain Clouds Spark Skepticism,” *National Geographic*, Jan. 18, 2011.

Mt. Lofty Ranges, Adelaide (August-December 2009): Generated an increase of 9.4% over an area roughly twice the size of the previous trials.¹⁷

Australian Rain Technologies has emphasized transparency of their data and evaluations, with an open access policy, and conservative, but statistically robust, estimations of the increased rainfall. In 2011, the company submitted a proposal to the Parliament's Standing Committee on Regional Australia, requesting \$11 million to construct 14 ionization stations distributed around two catchment areas in southeastern Australia (Gwydir River and Hume-Dartmouth catchment) to increase the rainfall going into the irrigation systems of the Murray-Darling Basin (one of the most significant agricultural areas in Australia, which is facing a major water shortage—largely on the basis of environmentalist-imperial policies).

They have extensive documentation available on their website.

No Limits to Growth

Rainfall is not “created” from nothing. Ionization-based weather modification actually follows the same principle as NAWAPA.

As previously noted, the Sun is constantly working to evaporate massive amounts of water. On average, 280 cubic miles of water evaporate into the atmosphere every day. Since the atmosphere generally holds around 3,000 cubic miles of water, on average the same amount that evaporates must also fall back down—bringing 280 cubic miles (~1 billion acre feet) of water down in the form of rain onto the Earth's surface every day.

17. “Australian Rain Technologies (ART): Briefing to House Standing Committee on Regional Australia on trialling the potential contribution of ART's Atlant rainfall enhancement technology in the Murray Darling Basin,” January 2011. See “Appendix B: Results from four Australian trials” (www.AustralianRain.com.au/Assets/Files/PDF/110323_RACsubmission.pdf).

FIGURE 5



Australian Rain Technologies

Since the Earth's surface is mostly water, the majority (77%) of the rain falls over the oceans, meaning most of the Sun's work producing fresh water goes to nothing!

Water is most productive when it participates in human economic processes, or living processes such as photosynthesis.

However, of the total fresh water on the planet (which is only 3.5% of the total water, the rest being the saltwater of the oceans), only 0.003% is actively participating in living systems (that is only 0.0001% of the total water). As it fuels the entire biosphere, this water is the most productive of all, directly participating in the anti-entropic process of life.

To begin with, we must increase this percentage, by increasing the portion of the North American water cycle that participates in biological activity. But this is not the only metric with which to measure the productivity of the water cycle.

In a region dense with life, water will participate in plant life, evaporation, and rainfall, multiple times before returning to the oceans. Plants themselves will

release large amounts of water through their leaves, in a process called evapo-transpiration—in addition to pulling liquid water from the soil to utilize for photosynthesis; plants also release water into the air in vapor form, which can then fall back as rain, for more plants to then do the same.

Water is simply more active where there is plant life. The biological productivity of a region could be measured by the rate and concentration of this cycling—a *hydrological flux density*, if you wish—and mankind must work to increase this productivity of the North American water cycle as a whole.

NAWAPA does not “use up” more water, it directs existing water cycles towards greater participation in photosynthetic, biological, and economic processes. The original source is as continuous as the heat of the Sun—it is in the *process of allocation*, and resulting *levels of productivity*, that the power of man’s hand is desired. With NAWAPA, we are not just bringing water to dry regions of the West, we are creating this entire hydrological cycle. We are increasing the hydrological flux density of the Western regions, generating more green plant life, bringing moisture to the air, drawing in more moisture, and creating cooler climates in these regions to be blessed with life-giving water.

Ionization systems designed for weather modification can work towards the exact same principle.

The Pacific Ocean and the Gulf of Mexico provide the atmosphere with an immense amount of water vapor. If we take the area of the Gulf, and a quarter of the area of the Pacific, it is about 8% of the planet’s total surface area. Assuming we could say that this would then contribute 8% of the total evaporation (280 cubic miles per day), we would conclude that the resulting 23 cubic miles of evaporation per day from the Gulf, and one quarter of the Pacific, is much greater than the total fresh water runoff for all of North America (5 cubic miles per day)—let alone the fresh water runoff from the Southwest of the continent (0.026 cubic miles per day).

Admittedly, this is not a precise calculation, since the water does not evaporate at the same rate across the entire globe, and the evaporated water does not distribute itself homogeneously, as we saw with the atmospheric rivers discussed above. However, this back-of-the-envelope calculation serves to provide an order-of-magnitude concept of what we are dealing with: *The daily evaporation from the oceans surrounding the Western and Southern regions of North Amer-*

ica is comparable with, and likely much greater than, the existing river runoff of the entire continent, providing an incredible source waiting to be tapped!

As with NAWAPA—where we encourage some of the rain which falls in a very small coastal region of Alaska and Canada to come down into the Western U.S., and participate in photosynthetic, biological, and economic processes a few times before returning to the sea—so with weather modification we can entice some of the rain that falls over the oceans to instead fall over land, and do something productive with itself.

A Proposal

Because this is being discussed in the context of the immense crisis facing American water systems and food production, there should be no question that it deserves further investigation.

As indicated in independent case studies, ionization systems could bring more rainfall to the regions of North America where it is desired, and the relatively small size and cost of such systems means they could become operational relatively quickly and integrated with a nuclear-powered NAWAPA XXI system—giving mankind revolutionary control over continental water cycles, and levels of productivity never before achieved.

To do this, an assessment of the entire atmospheric-hydrological system of the Pacific Ocean and North American continent should be made, including (but not limited to) wind patterns, atmospheric rivers, continental geography, ocean evaporation rates, existing and future irrigation and water management systems, rivers, and future water requirements.

This should result in a proposal for how many stations would be needed and where they should be located.

The biosphere alone has already done as much as it can. Only mankind can now act to increase the productivity of the entire water cycle and of the territory of North America, as measured in a greater percentage of the water cycle participating directly in living processes, and in an increasing density of participation and re-participation per unit time and per square kilometer of the total area.

The fresh water and healthy meals of millions now depend upon unleashing the full scientific power of mankind, to fulfill its intended role as the keeper of an improving biosphere.

Editorial

'Green' Is Killing Us

The rot is so pervasive that most people don't notice it any more, but Green ideology and policies are killing us. As we shut down Wall Street, our complementary priority is to shut down the Green policy and start economic progress again.

There is no area of the world economy which has not been devastated by the Green policy, itself financed and imposed by the major Wall Street and Anglo-Dutch financiers. To wit:

- Energy: Thanks to Green sabotage of nuclear fission and fusion, vast sections of the world's people live without life-saving electricity, and are condemned to miserable, short lives, not to mention, real environmental degradation.

- Water: Green policy has killed most of the significant water-management projects that were on the boards since the TVA, in the name of saving "nature" and "scarce resources," thus leaving mankind subject to devastating floods, droughts, waterborne diseases, and food shortages.

- Food: Green policy has systematically assaulted the scientific investments and approach to expanding the world's food supply, using perverted arguments in favor of local farmers and "natural" foods to mask their intention to reduce population worldwide.

- Population: With the aid of the artificially created shortages of energy, water, and food, the Green movement has directly attacked the core identity of mankind as a creative being, thereby justifying policies which write off whole groups of people as "excess" or "lives not worthy of life." This degraded concept of mankind as "just another animal" has the potential to destroy many more human lives than all the material deprivation cited above.

'Green' policies must go! They are contrary to

the reality of mankind's existence, which has depended upon the use of its creative powers to increase human power over nature, through advances in energy-flux density. Man progresses in knowledge and productive power, or he dies.

Up until approximately the time of the assassination of John F. Kennedy, this idea of progress was embedded in the identity of the American, above all. That idea had infected whole sections of the world—Germany, Japan, Russia, other parts of Europe and the Americas. It was an idea which had enormous power in inspiring people to carry out great enterprises and projects, which are still sustaining civilization today.

It is for precisely this reason that the world's leading financial oligarchy, centered in the Anglo-Dutch monarchies, escalated its "Green" movement in the 1960s. The core infrastructure, based unabashedly in the eugenics movement, was there before, but in the 1960s and early '70s, it took off—from the WWF, Limits to Growth, "No Nukes," to the perverted rock-drug-sex counter-culture which now *is* the dominant culture in the globalized world. Their intention, as Lyndon LaRouche has emphasized, and Green documents and spokesmen repeatedly state openly, is to *reduce* the human population, which they call a "cancer" on the Earth, from today's over 7 billion, to an allegedly "sustainable" less than 1.

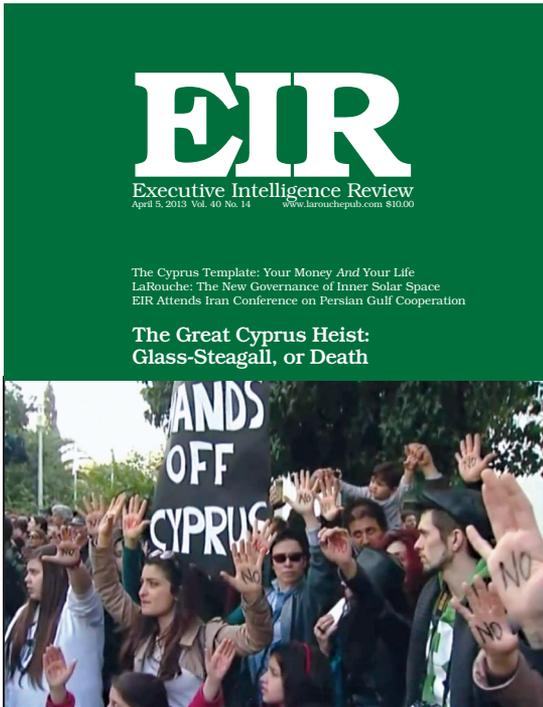
There is no "sustainable" human existence without technological progress! Mankind either progresses in his power and mental capabilities, or he dies. The mental rot of Green ideology will easily fall aside as we embark on Great Projects again, but we have to directly identify it as the evil it is.

'Green,' along with Wall Street, has to go!

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