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Act To Stop British Hitler-Style Coup in U.S.
Banking System Blows Apart in Hobbesian Warfare
The Extended NAWAPA: Engineering the Biosphere

**Lyndon LaRouche:
Three Steps to Recovery?**



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From the Managing Editor

The “three steps to recovery” that Lyndon LaRouche takes up in this week’s *Feature* are probably not the sorts of things you would have expected. They are not Congressional bills or changes in the banking system as the primary subject, although these will of course be essential. They are not what you learned in Economics 101! Rather, they reach to the most advanced ontological concept of a “credit system.” This requires a new understanding of space-time, of the fallacies of reductionism, of the distinctions among the abiotic, living, and human/noëtic features of our planet.

LaRouche first enunciated this new concept in his Sept. 30 web-cast (<http://www.larouchepac.com/node/19691> and *EIR* last week).

Here it is from this week’s article: “The actual reality . . . is the implications for the foundations of a competent physical science of the universal physical principle of credit, as I presented that in the course of a recent delivery of a national address. . . . I have treated human economic creativity, expressed in the role as increase of man’s physical and related powers in the universe, as the immortal principle of true meaning of *the principle of credit* in mankind’s economy. Credit, so defined, is of the essentially ontological character of mankind’s increased power to exist in the universe, which is the only truthful principle of economy.”

Credit is creativity? Who but LaRouche would say that? Read on.

Our news analysis sections lead with the threatened coup against the U.S. Constitution (see *National*). The fascists pushing for this are the same that railroaded LaRouche to prison more than 20 years ago, in one of the most outrageous abuses of the justice system this country had ever seen. We warned at the time: “If you don’t stop this now, you may be next.” And now it is happening.

In *Economics*, we document the further collapse of the U.S. banking system since 2007, when LaRouche warned that *the global financial system had died* (July) and called for a Homeowners and Bank Protection Act (September). His words were not heeded by those responsible, and the results have been murderous, as all can see.

But support for revival of the Glass-Steagall bill is growing as the mass-strike process spreads (see *National*), and the LPAC-TV team has pulled together a new video on “Extended NAWAPA”—the development project of the century. Good news for the future.



Cover This Week

Looking toward the future: The South African National Space Agency (SANSA) Earth Observation station at Hartebeeshoek.



SANSA

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The failure to heed Lyndon LaRouche's warning of July 25, 2007, has led to trillions of dollars—and euros—of bailouts and lies about the “recovery,” none of which has caused the trans-Atlantic system to veer off its course toward the fires of Hell. Now the world's largest banks are melting down.

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Editorial

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Three Steps to Recovery?

by Lyndon H. LaRouche, Jr.

September 12, 2011

A Note to the Reader:

Since the February 1763 “Peace of Paris,” the dominant history of the world has been chiefly divided, for most of that time up to the present moment, between two leading, contending, English-speaking currents of the history of the planet. These two have been the British empire, on the one side, and, on the other, our own United States’ republic. Should the British empire, the implicit adversary of our United States since 1763, continue to be arrayed as the controlling force on this planet still today, the entirety of the planet would plummet, very soon, into a nightmare far worse than a planet-wide “new dark age.” This has threatened to be the end of the line for a trend which had been operating since the assassinations of President John F. Kennedy and his brother Robert. Unless there were a change away from this still present trend since the two Kennedy assassinations, the collapse of the economy of the planet as a whole were, probably, the option presently in sight now.

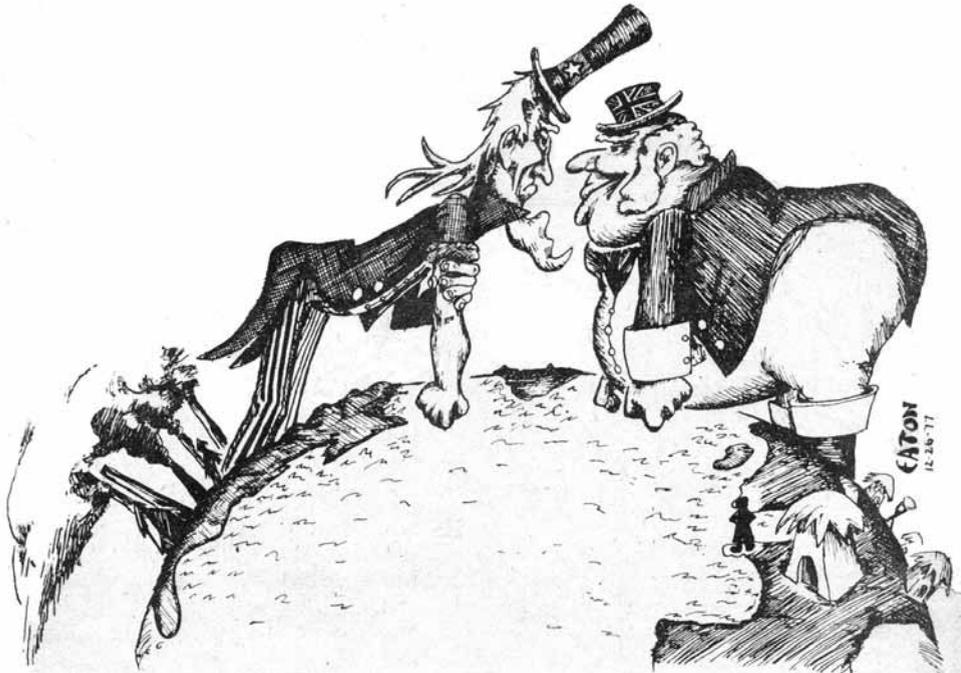
Soon, our U.S. quarrel with the British Empire will be settled in one way, or another. The outcome of this quarrel will depend upon considerations which must take into account issues in which leading nations on

Earth, such as the United States, Russia, China, and India, must work in concert, to meet the challenge of the presently oncoming turn in our galaxy. On that account, we find ourselves as if locked, for the moment, in a time during which we are now threatened with a continuation of the recent trend of worsening failure by the present government of our United States. A failure to check the pro-genocidal impulses of the British monarchy now, would virtually assure the descent of the planet into a planet-wide “new dark age.”

Therefore, I restate what I have said above. Our role, presently, must be recognized in the immediate challenge of defeating a British-empire-led threat to the continued existence of our United States’ republic. It is, in fact, a present threat by the British Empire to the existence of our human species. The defeat of that British threat to civilization, is now still the crucial strategic mission before this planet as whole.

A sad outcome for those among us dwelling in earth’s near future, is, fortunately, not yet inevitable. Nonetheless, that danger must be presently considered as a threat for the near future. Heaven help us, if the now plummeting British puppet, U.S. President Barack Obama, were not to have been ousted from office, in disgrace, during the days ahead.

Therefore, that being our concern, let us now make a forward leap for mankind. Ask, what are the forces which are to be assigned duties benefitting the present



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Unfortunately, that power currently represented by the heads of state of the British kingdom today, has been largely spent under the global reign of British imperialism.

So, we have lived throughout the relatively recent past, under the domination of the planet by the hands of such as either British tyrants such as the Empress Queen Elizabeth II, or, in the too rare, better moments, under the alternative represented by the leadership of such opponents of imperialism as specifically the Twentieth-century U.S.

future of the human species? For a hint of the answer to such questions, start with attention to modern European history since the role of Nicholas of Cusa in the preparations and conduct, and beyond, of the wonderfully hopeful, A.D. 1438 Council of Florence.

What Did Columbus Discover?

Consider the virtual prophecy of Cardinal Nicholas of Cusa in that light. The foresight of Cusa back then, had prompted Christopher Columbus to promote voyages across the Atlantic into the Caribbean, and had, in that way, brought about the present division between “Old Europe” and what thus came to be identified as a triumphant United States.

So, it has come to be the present fact of the world in these modern times, that the failures among the leading nations, had left the fate of the present, post-Renaissance, modern world, largely within the hands of what were to emerge as the two great traditionally English-speaking powers of the world: a fate left within the hands of the rapidly waning means of the British Empire, or, possibly, a triumph of our own United States against Britain.¹

Presidents, such as William McKinley (very briefly), Franklin D. Roosevelt, General Dwight Eisenhower, John F. Kennedy, Lyndon Johnson, and “Bill” Clinton.

Unfortunately, since the close of President Clinton’s two terms in office, his two successors have brought upon us the worst prospects for our United States, that which we have suffered under such ruinous Presidents as George W. Bush, Jr., and the British Empire-controlled, U.S. puppet-President, Barack Obama.

For the remainder among the actually leading heads of state among great powers, during the post-World War II 1946-2011 interval, there had also been, chiefly, the Soviet Union (until its fall), India, and China, which had, or have been the “great nations” on account of the history of their territories and cultures,

ture, since the accession to power of the William of Orange who invaded and conquered the British Isles in his role as the representative of the flag of “The New Venetian Party,” and as the successor to Britain’s James II, in 1688. William, whose power came from Paolo Sarpi’s coup d’etat within the old Venetian Party, had crafted the succession in the British Isles which, in turn, launched what become the future British Monarchy of George I. The modern British empire was put into place as the rising power of the British East India Company in the February 1763 Peace of Paris, that under the leadership of Lord Shelburne, who, during 1782, established the British Foreign Office which was, thus, *de facto*, the actuality of the British Empire’s subordination of the British Kingdom to the authority of what was to become known as the British Empire in fact.

1. The February 1763 “Peace of Paris” established the long-term trend in European culture to be pivoted on the division of Europe as being destined, until now, to become as an Anglo-Dutch trans-Atlantic cul-

and on the account of the number and rising power which the U.S.A., Russia, China, and, potentially, India, have come to represent, as in aggregate, today.

Presently, the leading hope for mankind is centered, chiefly, on the possible roles of the United States, Russia, and China in their own right, and with India soon after the establishment of the practical unity among the initiating three. India as a notable power, once freed from the still persisting residue of British influence, remains a power with pending, near-future claims to rising leadership in the world, that in its own right.

Therefore, that consequential four, the three-plus-one, are the leading partners on which the world's peoples must rely for those immediate years now ahead, and for the quality of such cooperation from among leading nations in bringing humanity into a system of emerging world-wide initiatives expressed as sovereign nation-states of our planet and expressed as what must also emerge as the role of mankind in the Solar system and beyond.

Unfortunately, the currently menacing role of the British Empire still exists. It continues to exist, presently, as during the recent past decades, as with such diverse British agents-in-fact as Margaret Thatcher, François Mitterrand, and their rather foolish, but nasty accomplice, U.S. President George H.W. Bush, the latter a son of one-time Adolf Hitler sponsor Prescott Bush. The latter collection of such awfully bad leaders, has recently deprived the other nations in western and central Europe of their own claims to enjoying a truly continuing, future sovereignty: a loss of sovereignty recently renamed under the category of that reign of the bastards called "governance."

So, in summary, for the moment when these and the following words have now been written here, the initiative for the planet as whole, now appears to depend, for the moment, upon the hoped-for cooperation sparked among three of the leading powers of this planet, our own United States, Russia and China. Those three represent, for the moment, the immediate prospect of a trio of nations whose peculiar, immediate importance for the nations of the planet as a whole, is crucial in a very much particular way, as during this immediate moment of crucial decision in the present and immediate future history of the world.

Soon, we expect that India shall quickly join those three to define a fourth leading nation of the same group and its shared intention.

PREFACE: Worse Than Hitler!

Only mankind knows, and lives, or suffers, the experiencing of history.

Once upon a time, there had been an ogre named Adolf Hitler. However, that Adolf was, virtually, a mere puppet, which had been created, and then steered by a British imperial monarchy. That British monarchy has functioned as a "Fourth Roman" empire, an empire which has turned out, since Hitler's death, to have been a far more evil, but also more durable creature than a Hitler.² Such has been the current Royal-household crew of imperialist lackeys behind the pro-genocidal World Wildlife Fund (WWF).³

The problem was plainly illustrated by the case of that nasty successor to President Franklin D. Roosevelt, the "Harry S Truman" who had been better recognized for his role as a Wall Street variety of Winston Churchill devotee.

The cases of a murdered, truly American patriot, President John F. Kennedy and, also, his assassinated brother, Robert, should remind us of the effects of the kind of roles played by the British imperialists and their U.S. lackeys of today.

For example, take the case of the wretched Harry S Truman who had been, essentially, of a "Wall Street vintage." He had been a true successor in a role akin to such outrageously treasonous, anglophile louts as Confederacy-heirs Theodore Roosevelt and Ku Klux Klan fanatic and President Woodrow Wilson. Both of which latter pair had walked in the tradition of British agent

2. Do not overlook the fact, that the British brought Adolf Hitler to power during the period that U.S. President-elect Franklin Delano Roosevelt (a.k.a. F. D. R.) was about to be installed in office. All the relevant decisions on the Hitler promotion were managed among the British Royal family, The Bank of England, and the Wall Street circles within which Brown Brothers, Harriman's Prescott Bush, and the Bank of England, created and ran Hitler up to that time, and had controlled his installation, until the moment of Hitler's suicide later.

3. The original (first) Roman Empire itself, was succeeded by Byzantium, the Norman system, and the British ("Fourth Roman") Empire. This "Fourth Roman Empire" was created in fact by the British victory in the 1763 "Peace of Paris." Since that time, the only truly effective challenger to British imperial power has been the anti-imperialist United States of America (U.S.A.). The British monarchy has feared a true rebirth of our United States most of all; otherwise, among most continental Europeans and the heirs of the Habsburg dynasty, and even foolish citizens of the United States, even among some of its Presidents, there have been traditionally muddled ones.

Aaron Burr, and also of Burr's asset, and sometime U.S. President, Andrew Jackson. All of those regrettable U.S. figures, including Jackson himself, were, similarly, creatures in the footsteps of Jackson's Wall Street patron, backer, and his successor in the Presidency, Martin van Buren.

The defeat of Truman's re-election, by the election of patriot and President Dwight Eisenhower, had blocked the most noxious effects of a Truman legacy for a time. The later election of a President fully devoted to the Roosevelt tradition, John F. Kennedy, re-launched the President Franklin Roosevelt commitment; but, the Liberal establishment's role in covering up the facts of the assassination of that President Kennedy and, then, of his brother and leading Presidential pre-candidate Robert, had launched that process of destruction of our United States which has continued, more or less aggressively, to the present date. The worst of such calamities came with, first, two terms of President George W. Bush, and, then something even far worse, that of the plausibly insane, British-created puppet-President, Barack Obama.

President Barack Obama himself has certainly been the worst, the most treasonous-in-effect President of the United States ever; but, there was nothing accidental in the fact that a significant number among U.S.A.-elected Presidents, such as Obama himself, had been, *de facto*, outright British agents working against our United States and its people.

Presidents Whom Money Did Buy

The list of implicitly treasonous, or insane, Presidents or Vice-Presidents, has included such cases as the treasonous Aaron Burr who took his direction from that boss of the British East India Company known as Lord Shelburne and from Shelburne's lackey Jeremy Bentham.

There is a list of those U.S. Presidents who have been under the influence of treasonous or kindred types, including the type of Lord Shelburne's handyman, Bentham. Bentham directed the Aaron Burr who was a British agent and a traitor to the United States. Similar cases, in effect, have been the lackeys, or merely wimps who have been employed in working

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against the United States, as “from within,” still today.⁴

The Lord Shelburne who is also notable for his sponsoring of Edward Gibbon’s **The Decline and Fall of the Roman Empire**, had emerged from the February 1763 “Peace of Paris” as a key figure in the “Seven Years War,” and had come to represent the power of the British East India Company of his time. It was that British East India Company, which was already in the process of virtually digesting a putative sort of British national monarchy. The effect was that the actual British realm was submerged in what emerged from the combination of Shelburne’s rule and the defeat of the Emperor Napoleon, which was a “New Roman Empire,” an empire cast, still today, in the adopted tradition of the Caesars.

This present British Empire had been, originally, and still remains as the “fourth” in a series of the successive Roman empires, which included the second: *Byzantium*; (the third), *the Venice-directed Norman Crusaders (who dismembered the remains of Charlemagne’s legacy)*; and, (the actual “fourth,”) *the modern British (a.k.a. “New Venetian”) Empire*. All among these were, in principle, the enemies of the intention of the Fifteenth-century, *Great Ecumenical Council of Florence*. The “British Empire” became the first actually global, modern empire which has been virtually in existence as a pretender-form of empire since that time, up to the present date of a ruined Western and Central continental Europe which has been now nearly

4. The fact that President Abraham Lincoln proclaimed clemency for the misguided soldiers who were veterans of the Confederacy, was not intended as a denial of the fact that such clemency was required as an act of forgiveness for crimes into which many participants in the British-created Confederacy had been misled. The purpose of Lincoln’s action in this instance, was the redemption of the prodigal by the family which they had betrayed, the folly, on that soldier’s part, as the misguided dupes of the British imperial hoax of “State’s rights.” Unfortunately, more than a decade after the death of President Lincoln, British-influenced violations caused the rights of the freed Negro slaves, to be largely nullified, creating, thus, a state of virtual, if not nominal slavery. The consequences of that moral crime, under British-influenced, erring circles, had been adopted, as a concession, in favor of British imperial interests, one adopted, long after President Lincoln’s assassination (1865), a cruel action by the corrupted President-elect Rutherford Hayes. Hayes had been born, almost exactly 100 years before my own birth (Sept. 8, 1922) on October 4, 1822; Hayes had gained victory in a most fiercely contested Presidential election, through betraying the entire sweep of President Abraham Lincoln’s legacy, an action by Hayes which has cursed our United States to the present day: like that evil President Barack Obama who has created a far more evil crime than even that of Hayes, against not only our United States, but humanity at large, including, more notably, the present African victims of British mass-murderous slavery, and slavery-like brutality, still today.

reduced to that lackey-like status of ridicule known as a state of mere “governance” today.

The consequence of that succession of bad developments, is presently, that the British empire itself is now in a virtually terminal state of disintegration. The question so posed, is whether the collapse of the British empire will lead into that empire’s richly deserved “new dark age,” a dark age presaged by the tenures of Presidents George W. Bush, Jr., and the evil Barack Obama; or, whether the U.S. recovery through the immediate ouster of the ostensibly insane Obama, will enable the revival of the intention of the U.S. Federal Constitution’s influence as a leader among equally sovereign nation-states. A U.S.A. failure to meet that challenge immediately, now, would condemn civilization to collapse in its entirety.

In the case of a U.S. failure to effect the richly warranted ouster of Obama now, the United States would soon vanish from the world’s political map, even immediately.

To prevent such an outcome, a Europe of sovereign nation-states, with their respective languages, could be, and must be restored. It could be restored, in principle, as by means of a return to the intention which had once inspired the great ecumenical Council of Florence of A.D. 1438. That means, presently, employing the present day’s language, an attempted return to an intended world-wide condition as a system of a composed set of cooperating nations of respectively, perfectly sovereign quality of nation-states. This corresponds, for example, on that particular account, to the implicit intention of the original Federal Constitution of our own United States.⁵

Now, when for this moment, a momentarily trium-

5. See: Nicholas of Cusa’s **Concordancia Catholica** and **De Docta Ignorantia**. The birth of both a competent physical science, and the principles of modern European science and statecraft, are to be traced, in a large degree, to the contributions of Filippo Brunelleschi and Nicholas of Cusa. That pair shared honors in the establishing of the physical principle of the catenary as the kernel of the development of the core principle of physical geometry, as in Brunelleschi’s crafting of the cupola of Santa Maria del Fiore, and the **De Docta Ignorantia** of Cardinal Nicholas of Cusa. The elaboration of the essential principle of the related forms of the catenary and the relationship to the tractrix of Cusa’s follower Leonardo da Vinci, are notably relevant. Cusa was also the original author of the enterprise which produced the Fourteenth and Fifteenth-century “discovery of the Americas.” The trend toward degeneration of science over the course of the later Fourteenth and Fifteenth centuries, saw the ironically contrasting trends toward both scientific progress and the corruption of modern science caught between its competent development, and the corruption by modern liberalism, as a process, up through the present day.

phant British world-empire is ripe to be displaced by the recently threatened sovereignty of our constitutional United States and such among the U.S.A.'s new allies as Russia, China, and soon after that, India, there will be a U.S. reoriented to a trans-Pacific revival of our planet. The present threat to mankind lies in the risk, that the nation-states throughout the planet, regrettably, might have vanished as if by the resonance of a single blow. Such a threatened blow were likely to be struck by a British-monarchy-led process of pro-racist mass exterminations among the great majority of the population of our planet.

As the alternative to such an evil destiny for this planet which would be represented by the influence of the British empire today, we must accept the intention which is implicit in the U.S. Federal Constitution.

We are thus left, at this moment, to react by means of an urgently needed global fraternity of a set of respectively sovereign nations, nations which have, respectively, specific distinctions in culture, but which are nonetheless destined to emerge soon as perfectly sovereign nation-states each devoted to a common purpose for their unity. The purpose of such a unity is that of being already, or becoming states as nations which will have the shared enjoyment of a roster of a newly recreated set of nations. These would be nations typified by an alliance among the Pacific states of the United States, Russia, China, and others, sharing an efficient common interest in respectively perfect forms of sovereign personalities, but which are also devoted to a common purpose for the achievement of common ends befitting the uniquely designed, innately creative nature of human sovereignty.

That latter intention could now be efficiently enacted and maintained within a common prevalence of certain principled terms of definition of the practiced meaning of such a notional quality of sovereignty, as such. The realization of that historical intention, is the subject of the following pages of this report.

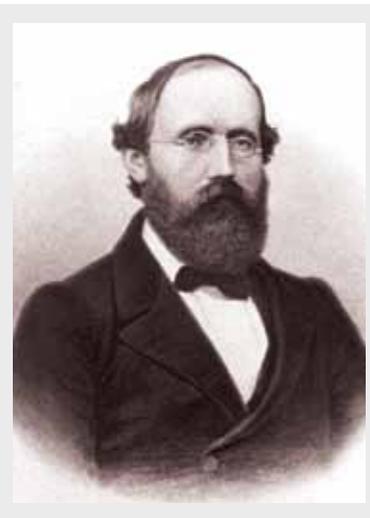
I. The Human Principle

We must count as the most common obstacles to a notion of *specifically human creativity*, the failure, as among nations, to recognize three required, principal qualities of the characteristics of living human personalities. These are the ordering of their intrinsic interests which are in accord with the fundamental scientific



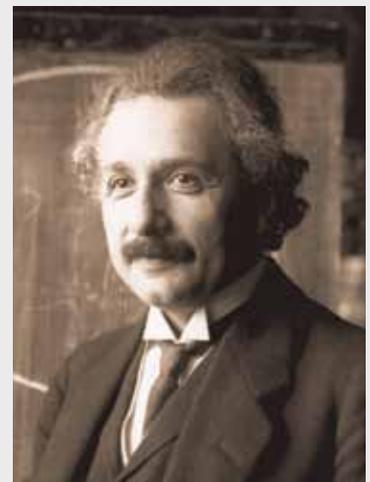
Johannes Kepler
(Germany,
1571-1630)

The founder of astrophysics who uniquely discovered the principle of universal gravitation.



Bernhard Riemann
(Germany,
1826-1866)

A new conception of physical time was already implicit in his 1854 habilitation dissertation.



Albert Einstein
(Germany,
1879-1955)

His view of Kepler's work showed that no true principle of the universe can be simply deduced as if "objectively."

Ferdinand Schmutzer

progress of our species. These characteristics *should be* considered as being those in accord with the most essential facts respecting the inferior *three, of a total of four* steps in a successively ordered sequence, as follows.

Our subject here is the true nature of the human mind.

The lower three of that four are fairly represented by the following array of their faults:

1. *A mistaken faith in sense-certainty;*
2. *A mistaken belief in the existence of space;*
3. *A mistaken faith in the existence of simple time.*⁶

The fourth, nominally “transcendental” step in that ordering, is defined at an appropriate point, below.

The first two among those initial three facts were clearly noted as being such by Bernhard Riemann, as said by him in the concluding, third principal section of his 1854 habilitation dissertation. The choice of the third step had been affirmed, as the implied conclusion of Albert Einstein; this would almost surely have been affirmed, on reflection, by Riemann’s assent.

Here, on this point, I shall now insist on the added, fourth item for this listing, which I shall now merely note for later treatment in this present report. The first three listed above, are no better than merely the shadow-like experiences cast by a quality of reality (the fourth item) which supersedes all notions of mere sense-perception as such. Hence, on account of this fourth consideration, we must also focus on the crucial nature of the distinction of *the brain* (as the practical pinnacle of sense-perceiving), from the vastly higher authority of *the mind*, or, as it may also be said, the quality radiated as *the human soul*.⁷

6. I.e., as defined by the failed Pierre-Simon Laplace.

7. It is important to be noted at this point in the account, that the actual discovery of the principle of universal gravitation, was that expressed by the uniquely original discovery, by Johannes Kepler, of the principle of gravitation, as discovered by him. This discovery was expressed by the ironic juxtaposition of two physical sets of measurements, yielding a value which was that of neither. The conception applied by Kepler to this purpose and effect, reflects the preceding adoption, by Kepler, of the notion of a *vicarious hypothesis*, which was echoed by the further consideration of a larger framework within the Solar system than had been considered explicit in Kepler’s *The New Astronomy*. From the advantageous standpoint of the modern, later, evidence of competent Nineteenth and Twentieth centuries’ modern science, the conclusive scientific evidence has been, that *the actually scientific discovery of gravitation was never made by Sir Isaac Newton; Newton was a sheer fraud on all accounts*. The claims often made for the “black magic” charlatan known as Newton, even among what were otherwise often claimants to the profession of science, were more of the nature of a pa-

The nominal objects of sense-perception, and the like, have an essentially ironical connection to sensory reality, as such irony is best typified by the notion of metaphor. There is no “sensed” object *as such* which qualifies itself as that principle of action known as “metaphor;” “metaphor” is not an expression of a set of fixed objects of sense-perception; *it is a principle of action*.⁸ It is the highest quality of human consciousness, beneath which all functions of sense-perception are subsumed as being merely as if the kaleidoscopic moments of a continuous process of absolutely non-linear action.

Hence, the hierarchy of the objective world, including *the unsensed powers such as the principle of a really efficient world*, may be configured in the realities of ontological ordering, of, highest, *metaphor* (e.g., the Classical poetic imagination); then what is derived from the *adduced physical principles of science*; and, on a still lower level, the *human sensory experiences as such*.

Hence, what may tend to be ranked as the least tangible experience, is, each, ranked uniquely in order, that according to the sense of what is the immediately “relatively truthful.” Even if also wrong in part, it is, actually, relatively “*nearest to our presently known reality*,” and, then, hopefully, “*the most nearly truthful*” known

gan-religious sort of political hoax, one made in the nature of admission to membership in a mysticism-inclined club of charlatans, with no connection to actual science.

The case of the insanity which seized mathematician Georg Cantor in the last decades of his life, is relevant to the case of the Newton hoax: Cantor, already a hotly pursued, intended victim of the circles of Bertrand Russell, attempted, under this pernicious influence of the Newton cult, to be remembered for a most unsuccessful attempt to recruit the Pope to worship of Isaac Newton! This matter was clarified by the outcome of two somewhat riotous sessions among the notable scientists assembled at successive sessions of a leading scientific organization, the Fusion Energy Foundation (FEF). Cf. the Notes attached to Philip E. B. Jourdain’s English translation of Cantor’s *Contributions to The Founding of The Theory of Transfinite Numbers*, 1915. pp. 202-208. Cf. editors Prof. Herbert Meschkowski and Winfried Nilson, *Georg Cantor Briefe*, and Cardinal Franzelin, Springer-Verlag, Berlin, 1991. Also consult Cantor’s own correspondence, for comparison, in *Georg Cantor; Gesammelte Abhandlungen mathematischen und philosophischen Inhalts*, Springer 1990.

8. In reality, objects as such do not exist. Only the quasi-objects known as “becomings” do. Thus, Heraclitus was not so enigmatic as often presumed when he wrote: “Nothing exists but change.” It is on this distinction that the notion of an actual physically efficient notion of “ontology” depends. Elementary? But also, respecting traditional errors of judgment, the simple correction of a very popular mistake, the notion of fixed sensory objects, called “sense certainty,” a subject which I shall clarify at a suitable point, later in this report.

'A Defence of Poetry'

From the essay thus-named by
Percy Bysshe Shelley (1792-1822):

[W]e live among such philosophers and poets as surpass beyond comparison any who have appeared since the last national struggle for civil and religious liberty. The most unflinching herald, companion, and follower of the awakening of a great people to work a beneficial change in opinion or institution, is poetry. At such periods, there is an accumulation of the power of communicating and receiving profound and impassioned conceptions respecting man and nature. The persons in whom this power resides, may often, as far as regards many portions of their nature, have little apparent correspondence with that spirit of good of which they are the ministers. But even whilst they deny and abjure, they are yet compelled to serve, the power which is seated upon the throne of their own soul. It is impossible to read the compositions of the most celebrated writers of the present day without being startled with the electric life which burns within their words. They measure the circumference and sound the depths of human nature with a comprehensive and all-penetrating spirit, and they are themselves perhaps the most sincerely astonished at its manifestations: for it is less their spirit than the spirit of the age.



ity from those of the lower species of life. Imagine, for example: “Do birds actually sleep during much of their time in migratory flight”—since they are, in effect, usually on “autopilot” when following the pathway defined by the magnetic field?

In that just-stated perspective, and the like, the only really thinking creature presently known to us, is the human individual as a type—*wherever; or however that likeness in effect might be shown to have been replicated*. Only the human mind makes the noëtic [e.g., metaphorical] quality of decisions which craft a choice for action which has the quality of effect, in principle, of a voluntary formation of a choice of the virtual “invention” of a profoundly new quality of behavior which is other than being a previously experienced, or otherwise “built-in” type.

In respect to speculations on such matters, consider the exemplary case of a (*superficially*) *merely seeming-to-be-human-like effect*, as to be considered when seeking to treat the behavior of a mobile sort of electro-magnetic toy, then considered as the to-be-contrasted exhibition of such toy-like, living, or other objects *which are to be contrasted to* the characteristically insightful behavior of the purported pre-choices of the science-driven, human

to us thus far.

Thus, we have the relatively superior powers of *the human individual mind*—the uniquely and truthfully *creative powers of the mind, the creative means of metaphor*. All of these are to be located in that which subsumes the inferior faculties of sense-perception *per se*, as by the influence of the higher experience of true principles of science. This view of science is that which subsumes the otherwise deceitful experience of what is merely the shadow-world of sense-perception as such. Such is the import of the noëtic (e.g., metaphorical) quality of the concluding, extended paragraph of Percy Bysshe Shelley’s **A Defence of Poetry**.

It is an amusing, but, nonetheless, a practical reflection of the aforesaid specifications, to recognize the distinction of the sensory functions of the human personal-

inventor.

In a certain kind of summary of the points so arrayed, the human mind expresses the effect of that quality [of “human mind”] which must be considered by us, as if from “the top down,” rather than random-like “search-and-find” patterns typical of the implicitly experience-bound habituation shown among the lower forms of life.

Creativity as Uniquely Human

Creativity, as a strictly defined, tell-tale influence, has characteristics which are essentially distinct as the specific qualities which cause the functions of human reason to differ, in essential respects, from the actions of the type of either mechanical reactions, in one type, or, instead, that other type which might be expected

among apparently voluntary actions among living creatures other than mankind. Each categorical type, including the highest quality of state, that of specifically human creativity, has certain systemic distinctions from the other categories of topics. In the case of the human species, in the ability of the human specimen, or as like those found among human specimens, there exists a crucially significant, categorical distinction, a distinction which is fully as great a distinction as that between, on the one side, inanimate action of non-living creatures, and that of living creatures on the other, as that line of distinction, lies as an absolute division between the categories of what are merely animals and those who are actually human.

The distinction of animal from human behavior has a range of expressions which are, actually, qualitatively greater than that between electro-mechanical responses and animal species other than mankind, a distinction of humanity which is not merely quantitative, but distinct, as the work of V.I. Vernadsky attests, ontologically (e.g., metaphorically) beyond that met among the merely animal species.⁹

As I have indicated, the putative objects of sense-perception as such, are intrinsically shadows cast by an imperfect expression of reality, a reality which is invisible to actual sense-perception, except in respect to its likeness of a “shadow cast.” The best representation of the nature of that difficulty is to be considered in reading, first, Johannes Kepler’s argument for, and use of what he presented as a “vicarious hypothesis,” as that usage was extended to his related, later discovery of the unique principle of universal gravitation.

Thus, once that reality is actually taken into account by the student of physical science, we must find ourselves immediately troubled, that in a thoroughly profound way, by the misguided suggestion that sense-perceptions might be images of a “physical reality,”¹⁰ rather than some shadow-like creatures which bear nothing actually belonging intrinsically to the mere image of the sense-impressions being referenced. Obviously this fact

9. The recognition of the difference between the values attributed to human sense-perception, including consideration of the systemic differences inherent in the contrast of Euclidean measures, to physical systems congruent with the catenary-tractrix geometries, illustrates the relevant contrasts to be considered here. The differences are to be examined on a deeper ontological level with reference to the implications of the ontological considerations presented in the third principal section of Bernhard Riemann’s habilitation dissertation.

10. A man is not a mere part of his shadow.

should not impel us to a rejection of the function of sense-perceptions. Exactly contrary. By giving up the confusing effects of attempting to defend “sense certainty” as representing a fixed quality of an ontological certainty, we gain confidence in the relatively truthful aspect of sense-impressions, as their being merely moving shadows cast by the light of a sense of an entirely different quality of object, an actual, transcendental truth expressed as in non-linear realms of action.

Which is real? Is it the object to be known as a sense-perception, or the object of the human imagination as defined by the ontological quality of metaphor: Percy Bysshe Shelley’s imagination, for example? Let us recommend Shelley on this account.

An Hypothesis on a Relevant Point

For example: take the case of Kepler’s uniquely original discovery of a principle of gravitation. Take the case, again, of his recognition of the necessity of considering a vicarious hypothesis, as introduced in **The New Astronomy**, and as echoed in the standpoint of the method which Kepler employed for his discovery of a principle of gravitation.

There are three profoundly great principles of physical science which are most clearly pesky for a perplexed reductionist. The one is the notion of a principle of the “time related” relativist’s notion of *action per se*; the second, the principle of *the quality of action by life per se*; and, the third is the principle of, specifically, *the distinct quality of action by the living motive of human creativity (i.e., V.I. Vernadsky’s notion of human creativity)*.

Taken into account as a whole, we have the kernel, thus, of the essential argument against the notions associated with the conceit known as “reductionism.” That consideration refers us back to the qualified, shadowy unreality of the first three of the four notions of ontology (or, what might be regarded as “quasi-ontology”) presented in the opening portions of this present chapter.

As troublesome as my argument, taken as a whole, here, might be, tending to spoil the party of the stolid believer in the likes of “sense-certainty;” so Shakespeare, for example, might chide that reductionist whose prejudice deprives him (or her) of the metaphorical ontology of that pleasure which deserves “the name of action *per se*.”

You might be tempted to ask: “What might be gained from those reflections?” What must be gained, is a clearer insight into the ontologically superior reality

of the concept of the human mind as being the most fundamentally “physical” experience, as being expressed in the notion of the principle of the human mind itself, or, in other words, the “soul,” rather than as an expression of “the flesh,” as the only real expression of the living human identity.

The distinction of human from beast, lies, essentially, in those specific kinds of creative powers of the imagination, the which are expressed as the specifically creative powers which distinguish the human individual as a type absent in the existence of all lower forms of living objects.

At this point, you must permit us the luxury of what might appear to some as merely speculation. Let us negate the simplicity of the reductionists, so that we might thus discover to what naughty ends merely apparent speculation misleads us. Are not those four categories of action, listed at the beginning of this chapter, expressions of physical actions, at least in the effect of all among them?

Thus, in this manner, we have introduced the paradoxes which the succeeding chapters of this report must treat.

A Word of Caution to the Reader:

From this moment onward, through to the close of the concluding passages of this report, the reader, whether professional, or layman, must take into consideration the fact that the views presented here belong not only to a leading, long-standing, and outstanding professional economic forecaster in the field of political-economy; but, that his record of long-standing, extraordinary successes as a professional forecaster has depended on considerations of physical principles which are unique in their successful attention to certain ironical characteristics of the human mind which have been excluded from the attention of not only bookkeepers, but have been excluded from the needed attention of otherwise competent leading economists.

The result is that the treatment of the subject here requires attention to parameters which have been virtually unknown even among relevant professionals generally, and are now becoming known only among a still smaller ration of them. Success in the field of economic forecasting today, now requires different sets of parameters to be considered than have been known even among some leading professionals so far today.

The report presented here employs those parameters which represent a different set than have been used by

even most leading economists. The most crucial of those distinctions are expressed as the distinction between sense-perceptual and deeper factors in categories of human behavior. Those distinctions are presented and discussed at length in the following pages; they should be recognized, and the categories of distinctions recognized for their authority in defining the categorical terms specified for the reading of the text.

II. The Matter of Principle: Fighting Reductionism

The present avalanche of collapse in the trans-Atlantic financial community, became virtually inevitable with the blocking of my draft legislation for a Homeowner’s and Bank Protection Act of July-August 2007. The blocking of that legislation cleared the way for the subsequent swindle known as hyper-inflationary “bail-outs,” an outright fraud which came to the surface a year later. That series of international “bail-outs” brought on the 2008-2011 onset of a global, hyper-inflationary, “chain-reaction” explosion throughout the entirety of the trans-Atlantic region, and beyond.

The present, 2007-2011 pattern of this presently hyper-inflationary breakdown-crisis, has now mimicked the pattern which struck Weimar Germany during 1923. The present, hyper-inflationary blow-out has now become a catastrophe far worse in its intended effects on the trans-Atlantic system as a whole, than the condition which Weimar Germany reached in the closing months of 1923.

The understanding of the possible remedies for the presently on-rushing, present, virtually terminal, trans-Atlantic breakdown-crisis presented in my present report, is to be recognized in my own, unique successes as the world’s leading forecaster in the development of *a modern, actually physical science of economics premised on the principle of credit, rather than money*. The root-causes of the present crisis are a matter of a very long story concerning the history of European civilization itself going back to a time before the founding of the Roman Empire; the cure of the present form of the problem, seems to be a less-complicated matter when one begins from the standpoint of modern physical science—but, merely seems to be less challenging than that.

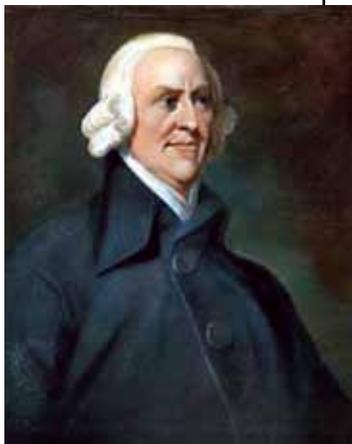
Take the case of my relationship to the work of Bernhard Riemann.

The 'Narrowness' of Britain's Adam Smith

From Smith's 1759 *Theory of the Moral Sentiments*:

[S]elf-preservation, and the propagation of the species, are the great ends which nature seems to have proposed in the formation of all animals. Mankind are endowed a desire of those ends, and an aversion to the contrary.... But ... it has not been entrusted to the slow and uncertain determinations of our reason, to find out the proper means of bringing them about. Nature has directed us to the greater part of these by original and immediate instincts. Hunger, thirst, the passion which unites the two sexes, the love of pleasure and the dread of pain, prompt us to apply those means for their own sakes, and without any consideration of their tendency to those beneficent ends which the great Director of nature intended to produce by them....

The administration of the great system of the universe, ... the care of the universal happiness of all rational and sensible beings, is the business of God and not of man.... To man is allotted a much humbler department, but one much more suitable to the weakness of his powers, and to the narrowness of his comprehension—the care of his own happiness, of that of his family, his friends, his country.



merely academic, as also war-time years, part of a span from what became known as the transition from the setting of "World War II" through the transition into the so-called "Cold War." As it has turned out, the two warfares were for me, ironically the same.

This passage of time, during the early 1950s and later, was, again, as for me, the setting of another kind of war, a war which had been first launched by me during the mid-1930s, expressed then as an adolescent's rejection of the reductionist follies of Euclidean geometry. I exaggerate nothing when I insist that the two kinds of war, that of economy and combat in warfare, expressed the same issue in the end. My point is as follows.

Essentially, it was my adolescent rejection of anything resembling Euclidean geometry which worked to my own relatively greatest advantage in choosing, in effect, that course of style of life which I have led. This juxtaposition needs some explanation here, but, as I shall now make clear enough in due course, I do not exaggerate in the least in making that juxtaposition.

Probably, some readers would presume that my comparison of mathematics and warfare has something to do with money as such. I do not mean financial gain or the like, but, rather, the notion of a successful *net physical* outcome of a choice of culture as measured over a span of entire kinds of what we might term "cultures," as, for example, as a successful species, as contrasted with such a "test case" as the famous outcome for the dinosaurs.

Take the case of the four successive phases of the Roman empires, each of which has been either entirely a catastrophe either from the past, or, as in the case of the fourth, the British Empire, an entity presently sliding down into its own probable early extinction. What is the ultimate direction toward which the practice of a species of life, or a type of human culture is destined? What kind of life is to be mourned, and which should have become despised?

To illustrate the definition of a failed society, consider the miserable failure which has been represented by a believer in the ideology of the notorious British swindler Adam Smith. Smith insisted that human life

The Encounter with Riemann

My adoption of Bernhard Riemann's 1854 habilitation dissertation, as supplying the basis for economic forecasting, was essentially completed in outline, by February 1954. Deeper implications of physical principle became clear later, step by step, as you shall encounter these, in part, in this present chapter of the report.

For example, there had been many relevant evening hours spent on struggling through references to the work of Riemann followers Max Planck, Albert Einstein, and related authors, in the Boston Public Library during my first exposures to this subject during 1940-41, and, later, 1946-47. Notably, these were not as much

had no provable meaning in the sense of a foreseeable sort of rightness or wrongness. As in the case of the Roman emperors and their successors, such as Byzantium, or, also, the old Venetian system, or the New Venetian Party which established the British Empire, the first three had turned out as useless in the end, while the fourth, the present British Empire of Queen Elizabeth II, is on the verge of achieving a similar demise.

In the end, there have been either successful or failed, past, present, and future cultures, whose measure, as I explain here, is to be sought in what we might term “their souls.”

In the case of our United States, for example, our national culture is to be traced to modern civilization’s standard of the intended accomplishment represented by the Great Ecumenical Council of Florence. That Council may seem to have been crushed, in one sense, but, nonetheless, the launching of our United States came about through nothing different than that intention of that Council, an outcome steered prominently by the genius of Nicholas of Cusa, an outcome of his efforts, as this is expressed by the initiative of the Plymouth settlement, and of the Massachusetts Bay Colony before its crushing by the invading forces of the New Venetian Party of usury. In such matters, “success” must be measured by the legacy it hands on to the future of mankind, even if that party had been crushed, or not, in the meantime.

Thus, despite the uncertainties which may prove to have been beyond the reach of preference for certainties, there is the clear idea of a good culture, as distinct from an intrinsically failed culture. That works to such an effect, that, some time in the future, results will tell. As the Great Ecumenical Council of Florence demonstrated, Jeanne d’Arc did win for her cause over those evil Norman perverts who cooked her to death.

For example: among the earliest, and most crucial of my own notable gains on this account, was my good fortune in recognizing the ontological implications of what was, for me, the connection between the relevant, systemic implications of my wrestling with the relationship between the most notable of the barely fragmentary remains of the work of Heraclitus, and the relationship of those remains to the comparable implications of Plato’s **Parmenides** dialogue.¹¹ That latter connection was probably the most crucial among my reportable experiences bearing upon the ontologi-

cal aspects of my successes in physical-economic forecasting.

To the best of presently shared sources of knowledge of physically efficient principles, “space” is, ironically, super-dense with cosmic radiation throughout: which is to emphasize the indicated view that *there is neither a finitely bounded, nor an “empty” space. In the beginning, as in Classical artistic composition, there is a yearning for distinct ideas; which is to say, that there is metaphor. Then came searches for what one might hope would prove to be efficient notions of physical principles. Then, on a lowest, least stable level of investigations, comes the effect known as discrete action.*

To sum up the reflection on the meaning of life and its struggles, the society of merit is a knowable conception. There are societies whose merit is clearly knowable, even when that society might have been crushed. That is a value which endures, despite all else.

Similarly

In order that we might free ourselves from such a mere illusion as that of elementary sense-perception *per se*, consider this. Your commitment must become rooted in that which is not to be considered as, for example, the merely literal notion of a mere sight, or sound, in and for itself. The principle to be kept in mind, especially in matters of science and morals, is that associated with the notion of *metaphor*, rather than emphasis on so-called “fixed,” “discrete” objects.

To restate the point: your goal should have become a devotion to treating mere sense-perceptions as merely a sometimes useful, but, nonetheless, *a discrete image of the slice of a passing shadow cast*, rather than regarding acquired habits as the habituated reductionists do, as being the cause of a sensed, discrete effect in and for itself.¹² To be human, is to be passionately creative in an intention never to be less than the agent of a continuing creative process of development: to be creative, rather than entombed as a victim of the stagnancy of gossip-ridden reductionism.

The characteristic trait attributable to humanity is, at best, “willful creativity.” In such a case, we create a condition which had not previously existed, and we do so as a voluntary act of creating. It is that process of willfully creative change effected by relevant human intention, which best distinguishes the human individual, and also

11. Despite the despicable hoaxster G.W.F. Hegel.

12. As the distinction between symbol and reality is elaborated on from the beginning of Chapter I onward.

distinguishes the human species from the beasts. It is what we cause the outcome of our lives to have been, which is the legacy which is what we are actually.

True, species evolve; but, the willful change of human nature, that from one generation to a next, is the change of the characteristic of the human species from one generation to, hopefully, a rise to a higher quality of existence, that through the means of *willful creativity*. This is to be expressed either as a qualitative change in

The whisper heard by the soul, rather than merely the object seen by the eyes, by the ears, or by their dream-like companions, must express a subtle passion which comes to us as if radiated from a distant and higher place, a place found amid a passion of silence which conquers all mere sight or sound as such.

a mere species, or as the expression of the willful creativity of the human species as a willfully self-creating species.

Consider the example of Johannes Kepler's success in his willfully creative discarding of what had been treated, erroneously, as virtually eternal notions, thus enabling himself to discover what the dupes of Isaac Newton, later, seemed never capable of doing: discovering an actual principle of gravitation, as Kepler had done.

In stating what I have just argued here, above, I mean that in the way in which gravitation, as discovered by Kepler, represents the being of a principle, rather than a merely discrete event.

For those like the dupes of Sir Isaac Newton, almost anything becomes experienced essentially, as functionally, as merely an arbitrary symbol, as a mere marker, a merely dead and stagnant shadow of that of which it is purposed to become and to remain a shadow without any active meaning except to admire that as a mere symbol for itself. The whisper heard by the soul, rather than merely the object seen by the eyes, by the ears, or by their dream-like companions, must express a subtle passion which comes to us as if radiated from a distant and higher place, a place found amid a passion of silence which conquers all mere sight or sound as such.

It is the sound heard in the mind, if not as if in the

ear, which must serve as the gentle shadow of a kind of a softly imagined, but actually powerful voice, for which the suggestions of even mere whispers, are the most powerful ideas, ideas as heard, actually in the mind. *That is so, for reasons of irony which I have already defined, earlier in this present report, as a principle of metaphor.*

The belief in "sense-certainty," is to be attributed, in effect, to the reductionist doctrines of the British hoaxster Adam Smith, who would, if he were able, have limited permissible human knowledge to merely discrete and utterly irrational forms of sense-perception as such. Smith had forbidden any foresight into the consequences of an efficient action. Whereas, in an efficient practice of physical science, we rely on the discovery of universal principles whose intention changes our world, even our universe, rather than the meaninglessness of what are foolishly presumed to be random sensory effects as such.¹³

Should we be like the fools who believe the hoaxster Adam Smith? Intelligent people will not presume to actually "know" what they merely sense; what we actually know is the experience of changing of the efficient principle of action, such as by the discovery and use of a universal physical principle, as contrary to Adam Smith's arbitrary dogma of "the unknowable truth" within the universe.

To understand a part of the experience of the universe, one must gain knowledge of the principle which runs the universe, as from top down, rather than accruing particular sensory experiences. What is that which makes universality an integrable whole-in-the-making?

A Lesson from a Personal History

For example:

I had already become consciously committed to my choice of the functional meaning of "physical intention," on this account, when that had first occurred to my present memory over the span of my fourteenth and fifteenth years. This recognition had occurred, when I had first come to recognize something to the effect of "telling me, that that time had arrived" when I should have come to despise Euclidean geometry as being a noisy classroom's sort of nasty frauds. Thereupon, I soon gave up the attempt to attribute intentional action to that merely nominal phenomenon as such. "*What the*

13. Smith's 1759 *Theory of Moral Sentiments* and the 1776 *Wealth of Nations*.

soul expresses on that account, belongs less to the keyboard, than to the power expressed by soundlessly insistent whispers of the mind.”

So, as early as during my fifteenth year, any attempted attribution of meaning to Euclid, was already becoming, for me, the intolerable demand that I worship the hateful Olympian Zeus, or his likeness. I refused to believe in lines drawn to a non-existing endlessness of a merely formal geometry of a boundless and emptied space. Similarly, I knew pain, but sensed that neither pain nor pleasure were the outcome of the truthful meaning of our lives, as if in and of themselves. Pleasure or pain, are to be regarded, each, as merely varieties of sense perception, which must be made useful to us in their fashion, when either were needed as goads for appropriate passions; otherwise, each were a lying nuisance. Nonetheless, I emphasize that Euclid’s hateful text is the lie it was.¹⁴

The lie which is the dogma of Euclid has often been taught by the unscrupulous for the edification of the credulous. It a belief which has been typified by its effect of cultivating the fraudulent teaching of the credulous. Whereas, the proper foundation for teaching of geometry as a science today, requires what Bernhard Riemann had demonstrated on this point.

Euclid’s heritage of definitions, postulates and axioms, is a lie which provides, thus, the boundary-conditions for the worship of a Euclidean hoax, a condition which is not to be attributed to the honest notions of sensory experience. It was, and remains, a hoax, a sometimes useful concoction of what has been, otherwise, sheer, noisy, empty imagination.¹⁵

Thus, in such a fashion as I have just summarized here up to this point, the belief in what never actually existed, the belief in the empty space beyond nowhere, has served us when it were useful as the prompting of those beliefs which have never actually been proven, but, in the end, are therefore akin to imagined footprints left behind by a footless traveler into nowhere. The more that many people worship such merely sym-

bolic, conditionally adopted beliefs, the more often they believe that which, in the end, had never meant anything for the true meaning of our lives and their outcomes; *they were the echoes of the mistaken, even merely arbitrary faiths of sense, space, and simple time.*

So, the victim of Euclid had believed, as did those who adore those beliefs which he, or she, has never imagined a competent reason to disbelieve. Thus, for many, the unimaginable chasm, such as the Euclidean delusion, is therefore considered all the more self-evident because nothing seems to contain it! Such is the proof which is called the “self-evident;” such is the thunder hidden within an inflated, but empty purse! Such “self-evidence” is the relatively widespread viewpoint, under the conditions of the presently ongoing general breakdown-crisis of the markets of the presently wide-world system. It is the overview of the emptied, and the virtually useless, the person whose understanding of life itself has become, in effect, an eternally parallel pair of lines, and, hence, a virtual nothing.

So, therefore, in first approximation, let us consider the clinical truth about what are called “sense perceptions”—or, perhaps, what you heard was the high-priced sounds resonating from within what had already been your lender’s emptied purse.

To sum up that point, I restate the principle of my argument in the following historic case.

The Conflicts of Eratosthenes & Archimedes

In a fair estimate, the so-called principles of so-called

Euclidean geometry, are essentially a hoax wrought upon those victims who should be described as “the credulous.” The more the certifiably educated person attains the highest academic, or comparable honors, the more likely is the proof of his, or her tendency of the person of acquired ignorance to play the charlatan. There are exceptions to such a rule; but, in a real universe, such tolerances tend to be in the minority. All of the thought along presently customary lines, expresses, in a large degree, a condition of ignorance which serves as the outgoing “bad doctrine” delivered to the credulous.

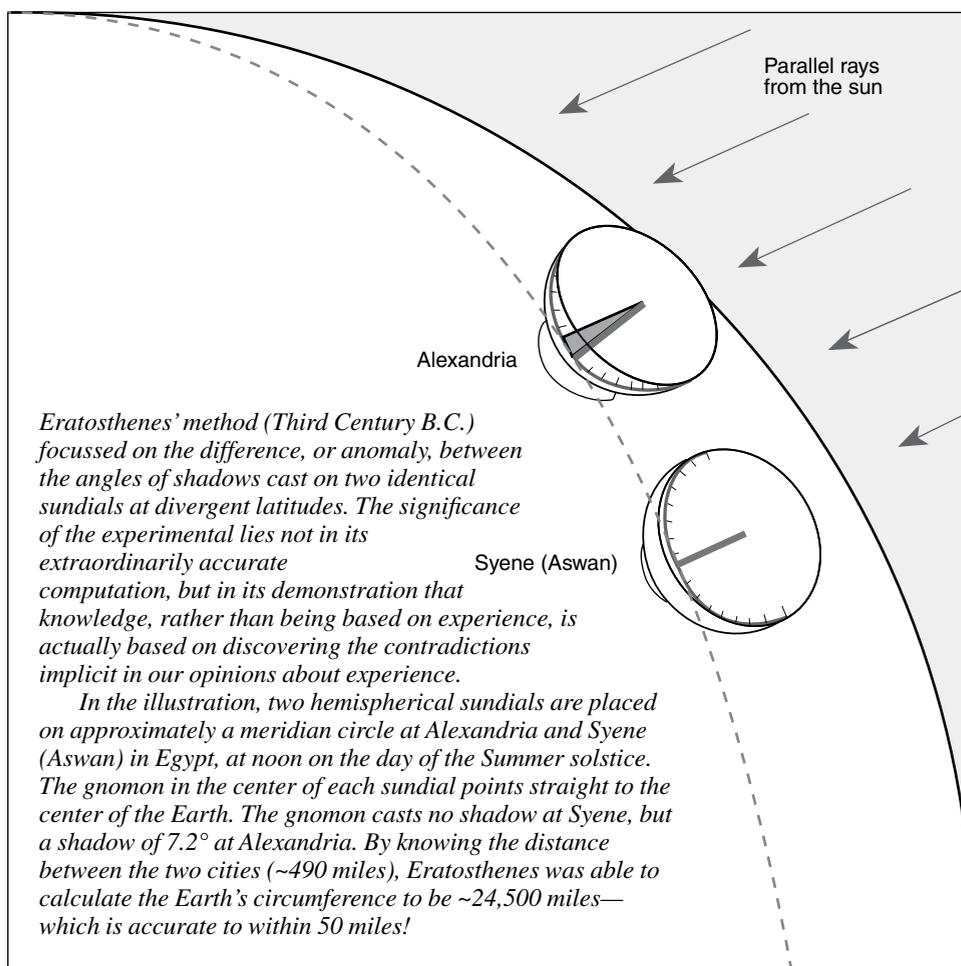
That much said on this subject thus far, now consider a certain case or two which I have introduced to make my point.

Take, for example, the contrasted, but actively as-

14. Cf.: Kurt-R. Biermann, **Carl Friedrich Gauss: Der “Fuerst der Mathematiker” in Briefen und Gespraechen** Verlag C. H. Beck. Muenchen, 1990. Note 99: Goettingen, 1832: C. F. Gauss To Farkas Bolyai. Cf. Bernhard Riemann, 1854 habilitation dissertation: III. **Anwendung auf den Raum.**

15. See the brilliant exposure of the fraud of Euclidean geometry, and also its systemically relevant theological implications, by the friend of the Apostle Peter, Philo of Alexandria, respecting the portion of the present chapter thus far.

FIGURE 1
Eratosthenes' Method of Measuring the Size of the Earth



sociated cases of Eratosthenes and Archimedes, those respecting the principle of the generation of the circle.

Eratosthenes had been justly famous among the truly learned, for his ostensibly original, *physical* measurement of the approximate size of the planet Earth (and of the distance of an approximately great-circle arc from the capital of ancient Egypt, to the city of Rome).

Thus, the corruption of an otherwise gifted Archimedes' frankly silly error of his blinded faith in his apparently pro-Euclidean fantasies respecting the origin of the circle, was doubtlessly born of someone's certainly political motives of the relevant time. This error attributable to Archimedes, was later exposed by Cardinal Nicholas of Cusa. Cusa who had been the relevant author of his relatively earlier, leading scientific work, his **De Docta Ignorantia**, presented a conception on

which all practically competent taught science since that time might be seen as having depended.

Those matters taken into consideration, why should we become so foolish as to believe that a merely arbitrary, reductionist's set of relatively empty presumptions, such as those premised on the bare notion of the extremes of the "rather large and rather small," or "loud or silent," should have been predefined as proposed on meager premises, that by those who had a limited, merely shadowy grasp of the reality of what we imagine to have "heard," or "seen," or which were "silenced." Such were the actual experimental extremes of the ideas of such suggested extremes as the very large and the very small.¹⁶

Thinking along lines similar to those of Bernhard Riemann, one must ask oneself today, why do silly people insist on the efficacy

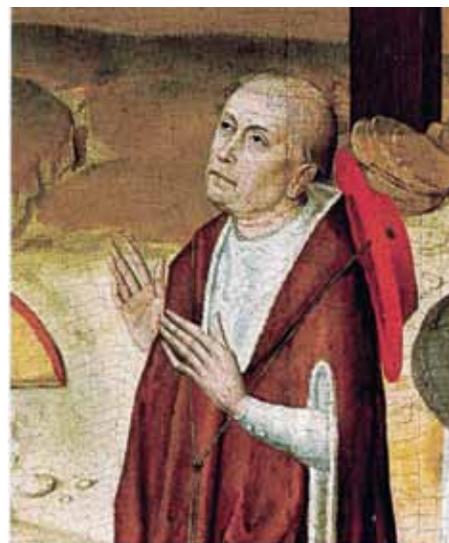
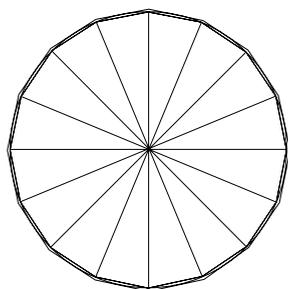
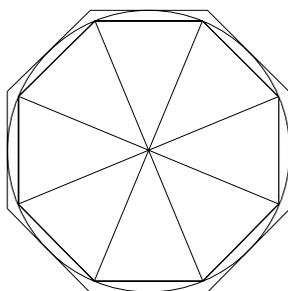
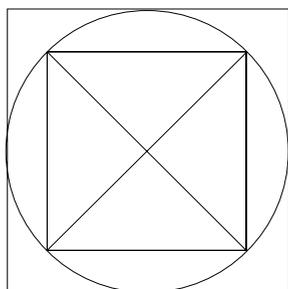
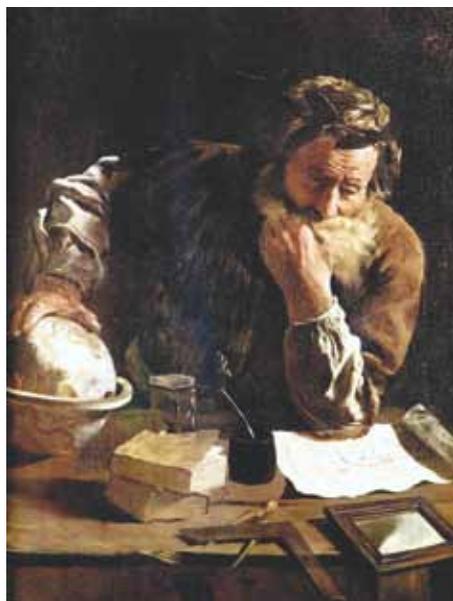
of an alleged "Second Law of Thermodynamics" when the conclusive evidence accumulated from about a half-billion years of the residual evidence of living processes' "histories," demonstrates the direct opposite: *the "principle" of the universal as being a fixed sort of bounded value,¹⁷ is to be discarded as a fraud which were worse than merely incompetence, and, therefore, a matter to be considered as superseded by the recognition of the persistently higher degrees of "energy-flux density," that without notable exception.*

So, it is the case, that entire clusters of species are

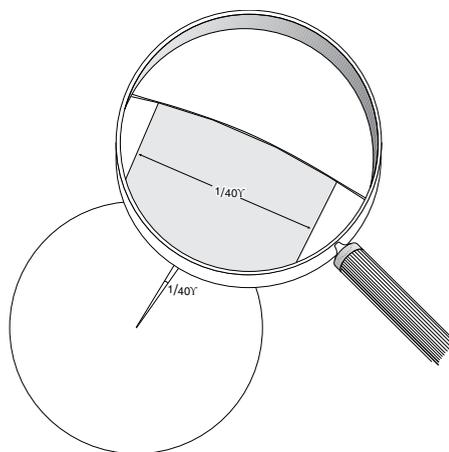
16. E.g., Bernhard Riemann, Sec. III of his habilitation dissertation. I.e., this (mathematics) leads into the realm of another science, into the domain of physics, which the nature of the present subject of this department of science (mathematics) forbids us from entering.

17. The hoax known as "The Second Law of Thermodynamics."

FIGURE 2
Quadrature of the Circle



Nicholas of Cusa (right) showed that Archimedes' (left) attempt at quadrature of the circle—to approximate the value of pi—was ontologically incompetent. The first three drawings show the process of estimating the area of a square approximately equal to that of a given circle, as the average area of two regular polygons. In the last drawing, although the inscribed polygon may seem to closely approximate a circle in area, it actually contains a devastating paradox. The more the polygon looks like a circle, the larger is the number of its sides—i.e., the less it partakes of circularity.



rendered extinct. To our mind's eyes, they are premised upon the presumption of the widely accepted, but utterly fraudulent standard for the reading of an array of living processes. That error demands that we must, rather, adopt the truth of the necessity of our sundry species' evolutionary progress of adaptation to higher states of relative energy-flux density.

Why is that so often the issue?

We tend, thus, to adopt the silly notion of a downward "progress" toward the starting point of a *relatively* lower level of mean "energy-flux density" per capita of population-growth, when we should, instead, have relied upon the fact of relatively higher quality of general platforms, as that might have been considered in

respect to the flow of successively past, current, and future living systems. The evidence which shows the upward evolutionary transformations of living species, is the evidence that reality runs from relatively lower, to the relatively higher species of per-capita, or comparably more advanced degree of existence, and to the by-products of their upward development to higher levels of what might be fairly measured as rises in energy-flux density.

The fact is, that the only notable basis for the credulous folk's being taken continually for the poor fools who believe in the outrightly fraudulent "Second Law of Thermodynamics," is not a result of any actually physical-scientific proofs; but, it is, rather, a result of

the mass-brainwashing of those credulous persons who seem to know nothing more important for them than the emptied passion of their own, pitifully credulous lust to believe. This folly occurs as being a result of fraudulent conditioning which tends to persuade them to believe in what is not merely a fraudulent, but an insane form of religious worship, the worship practiced by the believers in a presumably *de facto* image of an oligarchical, virtual “Satan.”

I mean, here, an image of Satan, as that is to be found as a commonplace among those who have degraded themselves into submission to becoming perverted subjects of the “oligarchical principle,” an appellation, for the worshippers of the Satan, for the oligarchical systems’ principle. The same “Satan” was the relevant figure of Dostoyevsky’s **The Brothers Karamazov**, or of Wall Street: the worship of Satan, or the maniacal figure of President Barack Obama as a maniacal caricature of a baldly Satanic figure, or a would-be Olympian Zeus.

“*De Docta Ignorantia*”

It remains uncertain, to the best available knowledge in this matter, how much of the actually creative achievement of Nicholas of Cusa, had been discovered earlier as some significant portion of the discoveries of the same Filippo Brunelleschi who had discovered that the funicular curve (i.e., the *catenary*) is a universal physical principle. Brunelleschi’s proof had come before the later argument to this same effect was to have been introduced by his relatively youthful contemporary, Nicholas of Cusa, but the question whether or not this had been a coincidence is not known to me presently.

There is no controversy in this matter of fact; it were sufficient, for our purposes, that the effect of their known actions converged on a common principled outcome, and that their arguments on this matter were rooted in original discoveries by each.

For an illustration of this point:

I, for one, had come to understand the physical principle of both Brunelleschi’s and Cusa’s actually physical principle of the catenary more clearly, while I was returning, by train, back during the mid-1980s, from Florence to my Frankfurt-Wiesbaden destinations of that occasion. This occurred at a time, when, during that particular travel, the notion of the principle underlying the cupola of *Santa Maria del Fiore*, flashed into an electrifying realization in my mind.

This occurred during the same day during which a relevant collaborator of that time, a Florence-based scientist “back there” in Florence, had come to the same conclusion during that same interval of a lapse of time. Actually, both that Italian associate and I had echoed a nearly ripened proof we had shared in that imperfect condition prior to the time of my boarding of my train to Frankfurt, a proof of the physical principle shared between us on the subject-matters of the catenary and its complement, the tractrix, as the latter was illustrated for us by Leonardo da Vinci’s construction. It had been an experience with the unique physical principle of the catenary which coincided in the same time of my experience in which occurred a freshly heated debate respecting Kepler’s discovery of gravitation in which I was embroiled as a proponent, which had occurred, for my part, during two relevant, highly excited, successive, mid-1980s sessions of the Fusion Energy Foundation (FEF).

There was a very special significance of that insight, which I share, in memory, with Brunelleschi, Cusa, and Cusa’s follower Leonardo da Vinci, an insight which I had come to share respecting my recognition of the fact, that the catenary is the expression of a universal physical principle, a principle which persists as superior in order to the circular curvature’s expression. The proof was that of *a universal physical principle* of the universe, a principle to be as known to us by such and related physical experiments.

As for the indicated discovery by Brunelleschi, the physical proof of the principle of construction is built into the uniqueness of the “free-hanging constructability” of the cupola of Santa Maria del Fiore, a construction (otherwise known as the funicular hanging curve) of the construction itself.

The significance of the catenary’s role as an expression of a universal physical principle of that same principle of the catenary, is not only that it represents the same notion of a universal physical principle which had been developed to a further degree in Cusa follower Leonardo da Vinci’s discovery of the complementary character of both the physical principle of the catenary and of the tractrix.

That fact persists, as in the instance of Cusa’s **De Docta Ignorantia**, to the effect that Cusa’s work defined the uniquely competent approach to all the underlying epistemological manifestations of the principles of modern physical science, from Cusa through Einstein and Vernadsky, and beyond; it persists, as ampli-



Georges Jamsone



Ricardo André Frantz

The dome of Florence's Santa Maria del Fiore was constructed during the time-frame leading into the great ecumenical Council of Florence (1438-39), in which Cardinal Nicholas of Cusa played an indispensable role. Filippo Brunelleschi's design for the dome used the principle of the catenary, to surmount the challenge of spanning the vast interior space of the cathedral.

fied, and that in a crucial way, by Johannes Kepler's uniquely original discovery of the principle of universal gravitation and the consequent original discovery of principle of Albert Einstein: that the principle of gravitation, as that had been discovered, uniquely, by Kepler, led to the crucial discovery, by Albert Einstein, such that Kepler's discovery implicitly defined our Solar system, or the galaxy within which we must regard it, as "finite, but unbounded."

Although I have added some things of significant usefulness for me, to the insight into the implications of that body of knowledge, as in my argument introduced in this current writing, these considerations remain only what I have recognized as implications of what had been known to me as the leading accomplishments of such outstanding geniuses of our modern age as the exceptional followers of Riemann, Albert Einstein and V.I. Vernadsky, as such are to be recognized in the resonant memory of Bernhard Riemann's celebrated 1854

habilitation dissertation.

The actually small refinement among the observations which I have actually added to that vast store of modern scientific progress, as I have done in this present report, has been merely to have drawn out what I must regard as a needed conclusion for me. These were conclusions such as those which might have been drawn from any sympathetic soul who recognized such implications as an expression of something from Riemann's standpoint in that location, as for that which I have just summarized in the preceding chapter of this report.

"The greatest scientific principle" since the work of Filippo Brunelleschi and Nicholas of Cusa, found its resonance in the voice of a modern contributor to the emergence of the later, successive stages of progress in development of science's most recent predecessor respecting systemic contributions to the body of that science, Academician V.I. Vernadsky. It is a fair

estimate, that the justified excitement of every true discoverer expresses what he, or she, experiences, in each instance, as a moment of the relatively greatest personal experience of any significant, greater or lesser contributor to such a lesser or greater quality of an earlier or more recent discovery, or even rediscovery, when it has been sensed at a similar moment of realization.

My modest, but nonetheless crucial, rediscovery during what I have referenced, as being the creativity of Brunelleschi and Cusa, as that experience was echoed in a specifically relevant train-ride from Florence to Frankfurt, was inspiring, and important, as such exercises go, although, admittedly, not awfully profound on my part in this case; but, nonetheless, it also resounded as something which was practically very important, in and of itself. In such cases, the essential importance lies in the experiencing of any kindred sort of experience of a discovery of such characteristics. I mean the characteristic of what is essentially a discovery of what should have recognized as if under one's nose. It is *the what-should-have-been-obvious*, except that it had not been experienced in that same way, with not quite the same, richer meaning, before.

It is another case of exactly the same way in which I came, years past, to the conclusion that the notion of sense-perception, when employed for the definition of the use of language, has no necessarily efficient connection with the subject-matter to which the notion of a certain quality of language is applied. That is the importance of the subject of the present report, when it is taken properly into account as what may be fairly described as a wholly rounded experience.

The Principle of Metaphor

To recapitulate the leading elements of what has been presented here this far, consider the primitive, erroneous notion of what could be considered as the paradoxical essentials of what is accepted as the notion of implicitly physical-perception, thus far: it is the notion of "reality" which is mapped onto a kernel which ranges, conventionally, from a narrowed band of what are termed five "physical sense-perceptions" to a range of about twenty. Already, in this report thus far, I have emphasized that we should consider this array in the image of a reorganized array of the problematic cases identified as of a core of four categories named in the opening principal, three-plus-one cases which I identified in the opening of the first chapter: three of an im-

PLICITLY "physical" sub-category, and a fourth which is essentially "mental."

In the case of what I identified as the fourth which I have attached to the idea of the first three as general, while the fourth, creativity as interchangeably "metaphorical," or as "specifically human," is limited (to the best of our present knowledge) to human powers of "creativity." To restate the point, it is the lower three notions of "sense" which are to be recognized as being, speaking relatively, the shadows, and the domain of validatable metaphors as the domain of the highest ranking, and uniquely real.

Thus, on that account, my report being elaborated in this specific publication, has already emphasized a certain inherent, and even necessary inclusion of shadow-likeness in all notions, such as those indicated, initial "lower three," the traditionally popular, but mistaken notions which I have associated, in the preceding chapter, as being associated with what is customarily misnamed as being experienced as "physical reality."

The Truth about the Human Mind

To make a necessary restatement of the just-stated point: the objects customarily treated as being objects of sense-perception, are associated with the misapprehension of what is merely sense-perception as being a directly objective reality. The actual reality for which we should be searching is the real object which we do not actually see directly, but only as a shadow.¹⁸ The actual reality, which even otherwise capable scientific professionals tend to fail to comprehend, is the implications for the foundations of a competent physical science of the universal physical principle of credit, as I presented that in the course of a recent delivery of a national address.

Therefore, let us recognize *those uniquely human powers of willful creativity* as being the actual reality of the human knowledgeable experience. That means to recognize the fact that the actually metaphorical quality of human scientific creativity, insofar as this is expressed as the human power to change the ordering of the universe which we experience as physical-scientific creativity, is the expression of the real universe: that being the

18. "For now we see [as] through a glass, darkly; but, then, face to face: now I know in part; but then shall I know even as also I am known." I **Corinthians** 13: 12. Obviously, the Roman empire which murdered the Apostles Peter and Paul, was not pleased.

case as shown through the role of man's creative-mental powers to change the universe through our willful actions. The discovery of a true universal physical principle by mankind's intellectual means, is what is proven, experimentally to be mankind's uniquely direct experience of our humanly active relationship to the universe.

Therefore, when that experimentally proven role of the creative powers of the individual human mind, is acknowledged as an experimental result of man's action on the universe, there should be little difficulty in representing the types of experience associated with the designated "first three," as representing the first three as being symbolically truthful in the sense of being like shadows cast by the otherwise unseen reality of mankind's experience. What I am arguing here, is that there is no reliably functional equivalence between what might appear to be such a symbolic option being an acceptable symbolic "name" for a sense-perceptible object, and the reality of function performed by mankind's inherently "metaphorical interrelationship with the actual universe.

Rather, we should locate efficient reality as located not within the bounds of what is typified by the first three of the four types which I enumerate here, but only by the function actually expressed in the last of the four as identified by the category of experience associated with the noëtic characteristics of the fourth case, the case of specifically human noëtic powers. "Otherwise" aside, it is the process expressed by actual human physical creativity, not the attributed "parts" of sense-perceptions as such, that which is adumbrated as human physical creativity *per se*, which embodies the efficient relationship of mankind to the universe.

At first examination, my argument here would tend to be considered as broadly acceptable to competent scientists, and also, with a certain shift in point of emphasis, among Classical artists. My point here, is that I would consider such an argument from such sources as objectionable if it were presented as merely a contemporary notion of today's classroom or related science. I would insist, as I do here, that such a narrow conclusion were not properly tolerable, especially when the higher ontological issues of a science of physical economy, my specialty, were taken into account, as I have referenced the words of the Apostle Paul on account of this specific distinction.

Therefore, on this account, I have treated human economic creativity, expressed in the role of increase of man's physical and related powers in the universe, as

the immortal principle of the true meaning of *the principle of credit* in mankind's economy. Credit, so defined, is of the essentially ontological character of mankind's increased power to exist in the universe, which is the only truthful principle of economy.

I would add to that prescription, that such a stricter standard were presently mandatory when the wretched effects of the contemporary, but usually mistaken notion of the role of economy is taken under consideration. That is the core of the argument which I shall be proffering in the course of the remaining chapters of this present report.

III. The Economic Function

That much said in this report thus far: take a moment or two for some brief "time outs," to consider the subject-matter of, in fact, two relatively brief, but essential matters, two brief but relevant and strong sorts of hypothetical subject-matters.

In the case of these two relatively briefer chapters which I am now presenting, I would suggest, that to understand the true genius of human life adequately, it were not sufficient merely to compare human life with animal life on Earth generally; we must be occupied, with the prospect for future human life, or with conjectured, even higher forms of life generally. Therefore, what we require, is some sort of measurement of the characteristics of our own galaxy with the comparable characteristic of other galaxies, especially those which might be described by our scientific humorists, as "nearby galaxies." It is urgent for our report as a whole, that, in a certain way, we must gain a better insight into the future (and past) of some plurality of existing other galaxies.

We might presume, that there must exist a necessary indication of the imputable purpose for the existence of mankind within the scope of some fairly approximate understandings of the topics encountered within the necessity of the subject of our universe generally. My reading of the passage from the Apostle Paul, to which I have referred in the immediately preceding chapter, implies some degree of answer to such existential questions; but, even that is not fully satisfying.

It might be impossible, so far, to provide a fair estimate of the answer to such questions; but, the mere fact of some sort of better approximation of an answer might permit our prospectively to-become-deceased human

beings to live the better at peace with the joy which may be extracted among those faced with the ultimately fatal consequences inhering in the course of human life. This presents us with the prospect of some significant consequences for the consideration by at last some among our presently living people.

As I shall demonstrate by this relatively brief, present chapter's assigned outcome, that sort of question has a very high degree of practical importance for those of us presently living. This questioning presumes the additional question of the meaning of "an existent Creator." It is a question which is unthinkable for any known sort of creature of a lesser order of existence than mankind itself, as also for whatever might prove to be creatures of a higher quality of existence than our own. It bespeaks a creature of no lower quality of existence than mankind, as that could be considered at our best today. It is no idle question; it is a necessary question to ask of ourselves now, in this present time of grave crisis.

Some will, doubtless, insist that that is "a silly question" for us to demand of ourselves; I disagree, most

emphatically. Our existence, as the citation from the Apostle Paul implies the importance of the question, can not permit such a pessimistic distinction between purpose and realization.

Take into account, the notable fact, that I had been reared, in my parental family, and otherwise, amid religious questions, and had experienced, chiefly, one suggested answer usually sillier than another. That was not because the question itself were irrelevant; the belief in a Creator is extremely relevant, as I have referenced the Apostle Paul in the preceding chapter on that point here; but, the presently proposed run of answers falls far short of the intention of the questions themselves. The point of such speculations, is, the subject of the occasion as considered when the question is situated within the province of this report; it is our attempt at an actually functional clarification of the specific nature of the purpose of the universe which we inhabit.

The presently optimal attempts at a meaning containing the idea of the necessary existence of our galaxy, have not been sufficient to conceptualize the actuality of an actual Creator. However, in the alternative to that, by considering questions respecting the order of the meaning of such terms respecting relationships among two or more universes, our attention is brought toward a kind of knowledge which a Creator might think it timely for mankind, or, perhaps, our plausible successors, to come to know.

The feasibility of any practically worthwhile speculation on the subject of "Creator" from this vantage-point, depends on the precondition of recognizing the systemic difference of the human species from all other types of presently known living species of which we might have been aware thus far. Call this view the effect of mankind's recent arrival, during the course of the recent several millions of years of our species' presently estimated existence on Earth; consider the fact of mankind's arrival at a time of what has been suggested by the name of "an extra-territorial imperative," as that may be deemed as implying a characteristic aspect of the destiny of mankind.

Clearly, viewing matters from that standpoint, the Creator has no future use, other than as some sort of scarecrow, for such a virtually Satanic creature as our implicitly mass-murderous President Barack Obama. That is to say: Obama, or his like, Dick Cheney, have no discernible useful purpose for existing, but to confront those who might err in accepting the existential im-

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TO BE OR NOT TO BE: A GALACTIC QUESTION



If we recognize that to man is granted a higher identity, above the simple perceptions of our mere mortal coil, an identity consistent with the greatest achievements of Classical arts and science, then we must locate our mission not in what is, but in what must become.

<http://larouchepac.com/galactic-question>

pulses of such a misfortunate creature as that, or such a current advocate of mass-extinctions of human beings, as some among the family circles of the present Queen of England.

What, therefore, are we to seek to understand on this account, respecting the notion of a living and willful Creator? The contrast between the existence of animal species, as contrasted by the qualitatively different characteristic of the human species? The latter need of response to such matters is located, *ontologically*, in the considered distinction of the human species, that of being creative in the sense that no mere animal matches the distinction of *the creative human will*.

It is the rejection of what is truly human scientific creativity which shows us the distinction of the animal from the actively “creative” human individual mind, the difference of *mind* from beast, or, the bestiality of the professed outlook of the so-called “liberals,” such as the followers of the pro-Satanic likeness of the properly infamous “Adam Smith”—in brief, “The Old Adam!”

I refuse to respond to silly questions such as “What is God’s intention for me?” They are silly, precisely because anything said along such lines has been already said by some other person, more or less well enough on that account, but not good enough to provide a reasonable answer on our subject in this report.

The question is: what is the intention of a Creator for Himself, that we might serve that intention more wisely than recent records of human performance have suggested? Should a Creator not foresee appropriate intentions expressed voluntarily among the created? Are we not intended to be in a certain degree of likeness to a Creator, rather than the likeness of some “store-bought, Heavenly wind-up toy?” Do we not require of ourselves an appropriately anticipatable mission for our fulfilment? How shall we better “obey” through foreknowledge of what we must create in service of the intention which we must supply to the universal creative process; are we not to become what is the clearly willful means of fulfillment of a Creator’s intentions?

Why should we seek anything less than that of ourselves? Universal creativity, which happens to be confined to the best of our present knowledge, is to be considered for our present studies; it must be considered, at least hypothetically, as both the origin, and the course of continued development of our universe-in-itself in

the making. What is the necessary passion on which the motivation of our continued existence for the benefit of our universe depends? Is that question itself not the implied answer? Let us ask ourselves what we might be enabled to actually know.

Why Ask These Questions Now?

Our relevant associates and other sources are now properly pointing out the indications of a possibly catastrophic trend in progress within the range of our immediate galaxy, a condition which, in particulars, represents a quality of threat which had not yet been experienced by human life within the span of several million years, or possibly more, during which there has been evidence of the notable existence of our human species. Whatever the actual extent of that present range of threats against our species, the existence of such a form of threat is now sufficiently clear to prompt some thoughtful sorts of some scientifically developed human minds, to pose the issue of more or less urgent discussions of alternatives in the category of “extraterrestrial imperatives.”

Having posed the questions so implied, let us, for the moment, put conceivable threats aside. Let us confine our inquiry, here, for this moment, to the mere fact of such a problem of some different sort of existential threat, which might exist somewhere in the future. In such a case, where should our species go? How? “Why?” Or, “What else might we do,” and, again, “Why?”

Amid such questions as those which I have just set forth, one fact is most clear. That fact is the notion of creativity-as-such. That notion is of the human creativity which distinguishes the human will from that of the mere beasts. That fact, thus far, is the best guess of the answers to such existential questions. So far, the best which we have been enabled to do, remains our effort at an upward-searching back-tracking into the direction shown by continuing investigations of the past to present of our universe, thus far.

Mankind is not a creature with the inclination to create a higher state of the universe; as I have emphasized in the opening two chapters of this report, above, humanity is inherently creative, and could not exist as a human species otherwise, or in a universe otherwise definable.

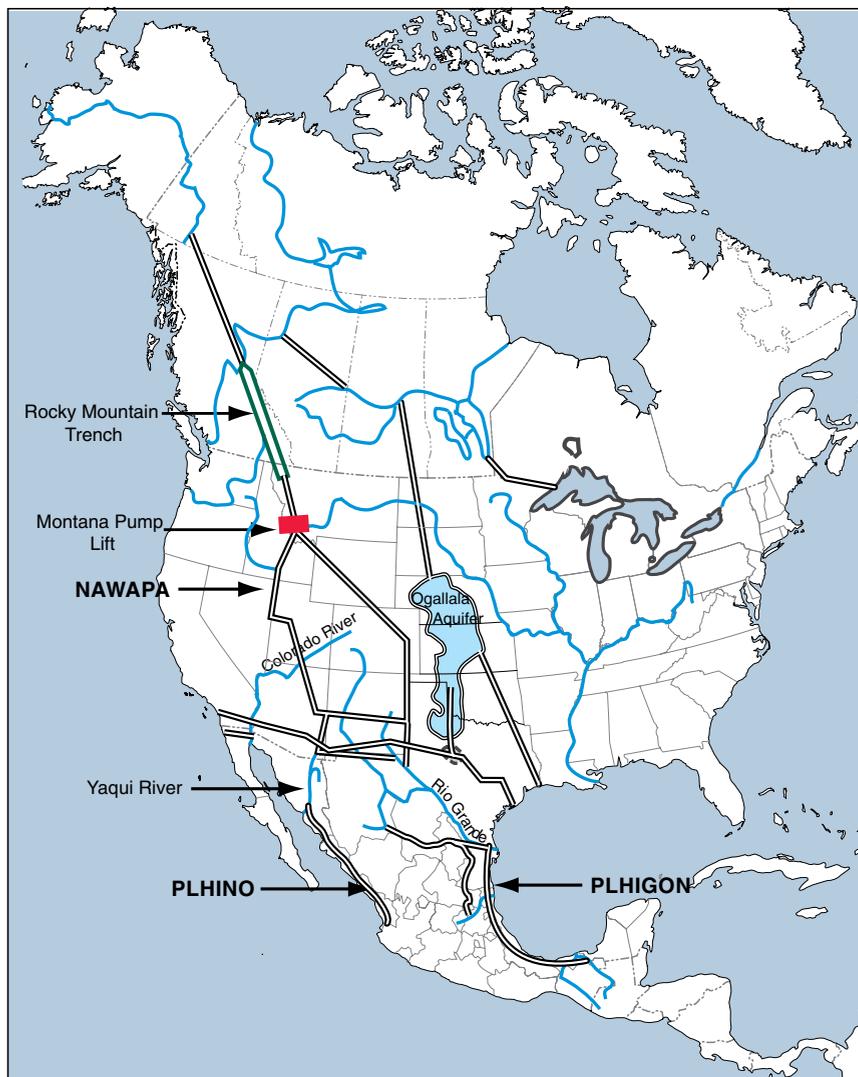
That investigation can not be delimited to the past as such. Only the human capacity for discovery of higher orders of principles than we had experienced

from the best of earlier, truly revolutionary changes upward, affords us a suggestion of where the future as such were likely to move. We must enrich our insights into the direction which the record of past revolutionary changes from a pre-fixed trend by new discoveries has demonstrated as being the likely qualitative changes which the future were likely to pursue. It is that challenge given to us as nothing less than the unknown, which represents the riddle which we must tease ourselves into solving—solving in advance. We call it the discovery of a principle of a higher order than deduction could decode.

The crucial principle which arises from the pages of this present chapter, is the fourth principled fact among the four principles with which I opened the first chapter of this present report: mankind differs from the beasts as the fourth principles defines this. Man differs from the beasts as containing the idea of the efficient effect of the future existence of a higher species than its own.

That brings our account to the subject of both NAWAPA and what NAWAPA actually represents for us on Earth.

FIGURE 3
The North American Water and Power Alliance: 'NAWAPA-Plus'



Sources: Parsons Company, *North American Water and Power Alliance Conceptual Study*, Dec. 7, 1964; Hal Cooper; Manuel Frías Alcaraz; *EIR*.

IV. NAWAPA Speaks!

There is no reasonable doubt that what was presented as the original design of the North American Water and Power Alliance (NAWAPA), the original prospect for an alliance in water-management among the U.S.A., Canada, and Mexico, was no more than an indispensable, proverbial “wedge-end” of the intention for a vast expanse of the trans-Pacific region for the next great development of our planet as a whole. In translation, that means, most essentially, a grand alliance in development of, most immediately, Russia, China, and the United States, a trio of nations which, by inherent notions of design, means, first above all, the

leading role of the entirety of the Pacific-Indian Ocean basin, a role leading into the conquest of the mystical lure of both the Arctic and the Antarctic, and, along the way, the colonization of certain planetary expressions of the Solar system, and beyond.

What has already been noted by some wiser prophets of space-exploration, is the fact of the spread of the colonization of the Solar system’s suitable ranges for such allegedly absurd purposes as proposing to reduce the net risk to humanity generally, of foolishly limiting the scope of our species’ existence to Earth alone. We must consider the implicitly calculable threat to a

human species which failed to reach beyond the habit of a human life confined to planet Earth.

Put the relevant “nay-sayers” such as the worse than silly, and probably deranged Barack Obama, to one side. We will find it useful to concede the point in advance, that such implied forms of undertakings for the future, require a per-capita energy-flux density vastly beyond anything presently known on Earth itself. So did Christopher Columbus’s first trans-Atlantic voyage. So, “what of it” as that ugly bastard Bertrand Russell had once said; we are still experiencing a lunatic’s virtually mass-suicidal sort of resistance to the indispensable role of established principles of nuclear fission; we are barely touching the vastly greater resources of thermo-nuclear fusion; and, have yet to more than touch the mere prospect of “matter-antimatter” reactions.

The one clear statement which our galaxy has provided for our edification, is that the conquest of a region on the scale of a Solar system, is a relatively junior grade of challenge once we had faced up to what is already the implicit future of mankind’s role in this universe. Much of modern scientific practice, so far, has failed to grasp those underlying implications of the third, concluding portion of Bernhard Riemann’s 1854 habilitation dissertation.

Thus, we know so far, that human creativity begets human super-creativity, and that of still orders of magnitude beyond. We have, in brief, yet to begin to understand mankind’s place within the reach of the nearby galaxies of our universe.

What has held mankind backward scientifically, up to the present time? The answer, at least the best answer provided by known scientists to the present date, is that the oligarchical principle, which denounces physical-scientific progress by nations, is a product of that shamelessly Satanic monster known to Aeschylus’ account as the Olympian Zeus.

The willful, often British enemy of mankind, that oligarchical Olympian Zeus, has been the enemy from within mankind. The proper name of that present enemy of mankind is what is called, thus, “the oligarchical principle,” otherwise best known to us in the trans-Atlantic and Mediterranean regions, still today, as the four ancient through modern, evil empires of ancient imperial Rome, the Byzantine system, the Crusader system, and, presently, the British empire in all of its sundry phases. The British empire of today, is the most monstrously evil of all among the greatest tyrannies

which exist on our Earth still to the present day.

Lest you wish to be so silly as to deny what I have just written here on the subject of space-exploration, consider the British monarchy’s currently stated proclamation to reduce the population of this planet from the order of as much or more than seven billions persons, to one, or less. Consider the level of stupidity imposed on the human population by the mass-murderous, so-called “green” policy which is premised on a combination of enforced relative bestiality and mass-murder, a current British imperial scheme which is intended to be far worse than that attempted by Adolf Hitler, as that same type of criminality is represented by the present “green” policy of the British imperial monarchy intended to be applied, presently, to the entirety of this planet. No one could deny, truthfully, that the British monarchy and its “green” policy are the most hideous of the leading criminal bands to be presented to all mankind presently.

That policy of an utterly depraved British monarchy and its satellites, is presently the gravest threat of mass-extinction of the peoples of this planet in all known history to the present date. Many millions of Americans, alone, are currently, already in the death-grip of a British monarchy’s intention for its current puppet, President Barack Obama, presently. Those facts are clear; it is only the coward’s fear among highly placed political figures to tell the truth, a denial of truth which stands in the way of bringing the human species back to safety from such predators as that British monarchy. The British mass-murder through London’s policies for Africa, is to be seen by honest speakers, as merely typical of British imperial criminality, a criminality which is, in effect, and remains worse than that of Adolf Hitler’s tribe still today.

The power to reverse such evils as those typified by the British monarchy’s role as a present-day empire, lies in the power represented by the forces ready to gather around a trans-Pacific alliance among the nations gathered in cooperation around what I have identified, above, as the readiness for a leading role of the United States, Russia, and China, all in opposition to that mass of moral depravity which persists as the British empire presently. The greatest danger to mankind as a whole today, is the lack of the proverbial guts to support the necessary remedies at hand. The danger lies in what has been, so to speak, “traditionally,” the question posed by the attempted reliance upon a presumably conventional notion of the meaning of a language suited to, and for science.

V. Decoding the Future of Mankind

Now, since I have brought into consideration the relatively brief notices contained within the two immediately preceding chapters, I return our attention to the original mainstream of this report as a whole.

In the two opening chapters of this report, I had warned that standard sense-perceptions do not represent the actuality of what common opinion still wishes, in the main, to believe are objects; but, they are not the actual objects of the real universe, but, rather, essentially shadows, rather than the substance of reality. I now restate those points which I had emphasized to this effect in Chapter I of this report. I emphasize the lesson to be adduced from two principal sources in the discoveries of the astronomy of a system of universal gravitation as the case was presented most successfully by Johannes Kepler.

For our purposes here, I begin this present chapter with references to the discoveries in Kepler's **New Astronomy** and **Harmonices Mundi**, the two works

which are to be treated as a typical centerpiece of Kepler's treatment. Those subject-matters were treated as astronomical processes, with specifically superior competence by a special team of my associates whose work in this field had reflected some sharp criticisms of the rather typical, reductionists' errors made, a few years back, in, at least, one leading Boston-area university.

That now brings our attention to the matter of a crucial feature of Kepler's uniquely successful effort in founding a modern astronomy, as this is expressed most succinctly in his uniquely successful discovery of the principle of universal gravitation. His work was typified by both his discovery of the principle of gravitation, and by the additionally conclusive argument in this matter which is expressed by Albert Einstein's notion of a *finite, but unbounded universe*. Einstein's treatment of this matter is most notable, today, in that it has shown that, implicitly, no true principle of the known universe can be simply deduced as if "objectively."

Such is the problem which has been chiefly responsible for the confusion generated against Kepler's work in relevant university circles. In such and similar loca-

THE EXTENDED SENSORIUM



The LaRouche Basement Team explores the extended powers of sense-perception, beyond the limits of the five ordinary senses. This provocative report, commissioned by Lyndon LaRouche, was featured in EIR, Feb. 4, 2011:

- **Synesthesia: Beyond the Five Senses**
- **Helen Keller: Mind over Instrumentation**
- **Following the Beat of a Different Drummer**
- **Polarization Sensitivity: A Strong and Weak Sense**
- **What is Polarized Light?**
- **Insects and Infrared**
- **Magnetoreception**
- **Unheard Melodies: Electric and Magnetic Senses in Humans**
- **The Sounds of a Cosmic Chorus**

tions, the problem has been, most significantly, a result of a massive, fraudulent campaign against Kepler and his work which was launched by the same neo-Venetian scoundrel Antonio S. Conti (1677-1749), who was employed in a desperate effort to defame the leading scientist of that time, Gottfried Leibniz. Notably, Conti, a key forerunner of the pro-Satanic Adam Smith, held back his public attack on Leibniz, until Conti had received assurance that Leibniz had just recently died. The joker which Conti et al. used in their crafting of the anti-Leibniz hoax, was a crude British black-magic specialist known as Isaac Newton, the Newton who, as a matter of fact, never actually proved any discovered principle of modern science.

As I had noted in Chapter I of this present report of mine, no standard method based on the notion of sense-perception as such, has ever represented, nor probably comprehended any valid discovery of a principle of nature. Rather, taking the simplest approximation of an attempted definition of an object of experimental knowledge, such as the modesty of merely a few senses, we must consider the attempts to represent an experimental object in terms of a combination of differing kinds of sense-perceptions, such as “the meager five senses,” as a serious form of systemic error. Kepler, who was a gifted student of the work of the principal, first founders of modern European physical science, and the only original discoverer of a physical principle of gravitation, derived it from the basis which had been provided based on the work of Brunelleschi and Cardinal Nicholas of Cusa.

Kepler’s uniquely original discovery of the principle of gravitation, made the first step toward the discovery of the principle of gravitation by a more adequate, interacting set of physical experiences. What was actually “measured,” was a complex of shadow-like, sense-perception-like measures and the like sort of the shadows cast by a complex of observations of the form recognized as, at best, physical experiments. The most typical of Kepler’s contributions to a modern physical science resulted in such achievements as Leibniz’s uniquely original discovery of the calculus and the treatment of the subject of elliptical functions by the circles associated with Carl F. Gauss.

Certainly, there is nothing actually wrong in employing Kepler’s methods. The crucial sort of blunders by Kepler’s putative rivals and critics, arise when seemingly elementary deductive methods are presumed to provide direct evidence in support of conclu-

sions which might be drawn from wrongly chosen evidence.

For our purposes in this present report, it is important to emphasize that the modern physical science of Russia’s Academician V.I. Vernadsky, appertions subject-matters among three categories of phenomena: the Lithosphere, the Biosphere, and the Noösphere. Each of those three is defined, categorically, by respectively, (first) a principle of non-life, (second) a principle of life as such, and (third) a quality of action which underlies the creative principle of human cognition as such.¹⁹

Compare that assorting-process with Bernhard Riemann’s argument in the concluding section of what I have referenced, earlier in this report, as the third section of Riemann’s 1854, Göttingen habilitation dissertation. In short, for those and comparable reasons of evidence, there is no necessity of a direct correlation between the assortments of sense-perception and the efficient role of the work of the human mind’s approach to definitions of adducible phenomena. The cases of the need to define “a principle of life,” and that of “human creativity,” are well used as among the most crucial implications required in defining the solution for the problem of bringing home the task of defining the actual objects of sense-perception, that done in the relatively most simple fashion.

A Riemannian view of the notions of “life” and “creativity” as principles associated with such prominent names as Albert Einstein, solves one type of question. This accomplishment was effected at the price of the obligation to define the meaning of “truth” in terms coherent with an appropriate physical-scientific method, rather than a merely mathematical one. Consider the following points of relevance.

A Matter of Substance

The intrinsic incompetence of mathematical methods respecting physical subject-matters, and also the still higher quality of human mentality, is fairly identified as “psychological,” that in the most profound sense of the ontological implications of the use of the term designating the concept of “mind.” I explain this crucial principle of a competent modern science as follows.

19. As Academician Vernadsky was to emphasize from the mid-1930s onward, a competent, modern concept of a universal principle of life, especially that of the human mind (i.e., the Noösphere), has depended upon the work of Riemann.

To introduce this presently, little-understood principle of mind, it is important to emphasize the fact, that two of the most important principles of all scientific method, are the related, but also respectively distinct concepts of “life” per se and “human mind.”

Both of those latter phenomena are properly associated with the function of “metaphor”: associated with principled characteristics of discovery in both Classical artistic modes and in the practice of physical science respecting the subject of discoveries of principle. The stubborn difficulties which are generally expressed, still today, in respect to both Classical artistic composition and the role of discoveries of physical principles, are of a systemic form of expression. This form of expression is that associated with those reductionist’s difficulties which are lodged in the fact, of the incompetence often found among popular scientific and layman’s opinions, such as those respecting both the role of physical discovery of principle in science and Classical artistic composition: both are products of *a radically reductionist misapprehension of the principles of human creativity. This mental disorder, is typically expressed for diagnosis in the notable cases as to be treated in the cases of Classical artistic composition associated with the aid of competent insight into the roots of physical-scientific discovery.*

Notably, on this account, it is essential to distinguish between what are fairly distinguished, as it is my practice to do this, as, for the one part, from the functional distinction of behavior of the functions of *the brain as such* (e.g., *the “nervous system”*), and, for the other part, *the human mind*. The capacity to define this distinction belies the reductionist misapprehension which presumes that there is a not a distinction of “brain” and “mind,” a distinction which could not be effectively defined, except in respect to those functions of behavior which distinguish human creativity (a function of “mind”), from the relatively bestial notion of mere “brain.” What is apparently the frequent difficulty in recognizing that distinction in the human individual, is that the two respective, but distinct characteristics are interactive, but that mind is qualitatively of a higher order than mere brain.

At first consideration of the distinction which I have just outlined, the evidence of the paradox is evident; but, the solution for the apparent confusion, needs clarification. I proceed as follows.

The Clarification

The most efficient distinction of the two states, as they interact, with varying degrees of relative “intensity,” seems to express evidence to the effect that the difference is to be located as a sort of quarrel between a “creative over-brain” and a bestial (e.g., “literal”) “under-brain”: both inhabitants of a common, “normal” human individual, as distinct from the beasts. The challenge, is typified for illustration by the conflict between the conceptions of J.S. Bach and so-called “popular musical entertainment” today.

Now, continuing in the same hypothetical vein, take the following considerations into account.

Study the patterns of human behavior which contrast the world-outlook of the qualified Classical musician’s performance to that of entertainments according to the post-World War II brutishness of those entertainments which are correlated with the habituating brutishness of the post-World War II “Congress for Cultural Freedom.” That hypothesis does appear to typify the functional expressions of the problem.

Now, bring into consideration the role of the spread of the radically “environmentalist” syndrome in “popular” entertainments and related behavior: this apparent factor appears to belong to systemic characteristics of the referenced, degenerated mental type. The study of the tendency toward “menticide” among “de-cultured” adolescent and young-adult youth, provides examples of those whose tendency for “brutish behavior” is that of persons “lacking in cognitive skills:” a relevant subject for “clinical” studies of the relevant syndromes.

Training people to accept conditioning to expressions of existentialist behavior, certainly does tend to transform human individuals’ personalities towards bestiality. That has been the long-ranging trend of changes in modalities among the successive generations of American and European populations, and in differentiations in patterns among social “classes” over the course of the recent nearly hundred years since my birth in 1922. The patterns to be recognized in study of patterns of behavior, tend toward a multi-generational decline in the quality and abilities of typically declining patterns of productive and related skills over the span of my own life from birth to the present time. Prevalent patterns of “cultural conditioning” of the populations over the course of successive generations, often do reflect a strong trend toward a rise of what may be fairly



EIRNS/Stuart Lewis

Classical artistic composition: the key to science. Italian soprano Antonella Banaudi, accompanied by My-Hoa Steger, perform on Sept. 7, 2011, in Purcellville, Va.

identified as “a depravity factor” among sundry social classifications respecting trends toward depravity in sundry classes of “groupings.”

That much said on the subject of pathological patterns of behavior; for the present moment, approach the same topic, human, versus socially induced patterns of pro-beastial behavioral trends, for syndromes which I wish to make “more deeply” understood here.

Classical Artistic Composition

Focus intently on the experience of Classical artistic composition and the patterns of expression associated with that name. To push aside the tendency toward ignorant prejudice on this subject, compare scientific and Classical-artistic modalities. For convenience, focus on two periods during which what is to be termed meaningfully as ancient Greek Classical compositions and their modalities developed, and the modern Classical composition in art, science, and correlated general social-behavioral trends since the work of such as Brunelleschi and Nicholas of Cusa.

For this mission, use the standard of rise, or decline, in the functional equivalent of “increase of effective energy-flux density” as since the work of Brunelleschi, Cusa, and their followers in the effective equivalent of rises, and also declines, in energy-flux density for both physical science and Classical artistic modalities. Take into account the role of “long wars” in fostering moral

and economic degeneration among nations and cultural strata, as since the time of the assassinations of U.S. President John F. Kennedy and his brother Robert.

Consider the correlated phenomenon of accelerated incomes, and influence of the useless rich, with the decline in relative levels of physical incomes among the actually productive “classes,” as typified by the Americas and Europe.

Now, attempt to resolve those types of speculations. For this purpose, examine the implications of the term “metaphor.”

Metaphor as the Principle of Science

Earlier, here, I had posed the challenge embodied in the use of the term “metaphor.” I had left the deeper meaning of the term aside until such time that I should bring the proper use of that term forward, as I am doing that, in carefully selected changes during the near-term here and now. “Time,” as I shall confront you with that matter of meaning now, is essentially a pun (paronomasia).

Among the sundry categories of evidence which bear, more and more, as relevant events proceed, on the matter I am about to put forward for your attention, the pattern on which our attention must be focussed is fairly described, in the rough, so to speak, as follows.

Among the worst of the assumptions which need to be challenged here and now, is sets of widespread more or less popular presumptions which converge on the Laplacean fallacy of “clock time.” A number of relevant scientists and the like have recognized that some sort of fallacy inheres in Laplace’s argument, but, there is also concern, and outright doubt, but, often, also confusion, when serious scientists react to Laplace’s doctrine.

From my vantage-point, the suggested kind of attention needed to this matter points in the direction of an interesting suggestion, as follows.

In living processes, in particular, we meet certain conditions under which biological progress moves as progress in virtual waves of biological development; but, in the same process, a process in its “pioneering”

phase, appears to shift somewhat to a lateral development. It appears that in some cases, as in economic progress, for example, development shifts toward development of a form of moving ahead, by developing “sideways,” rather than “simply forward.” The effect includes compound effects which suggest that the process appears to have shifted, with the effect that the compound process proceeds backward in its time-effect, while the forward movement slows relative to the branches of progress which locate “progressive growth” as being located in a relatively major degree on the growth of the relatively more “primitive” phase as a dominant feature of the process overall. This is notable in physical-economic growth. Witness the process of progressive collapse of such economies as those of Europe and the Americas since the turn which occurred, for example, during the interval of the U.S. 1960s warfare in Indo-China. Since that time, such complex processes have become predominant in the trans-Atlantic sector: progress in the trans-Atlantic region has been increasingly backward in net physical-economic terms, and that increasingly, since the installation of the U.S. Richard Nixon Presidency, and otherwise.

Phenomena of that same general directedness of combined progressive and regressive net effects, are best considered in cases in which forward and regressive developments are occurring simultaneously, as this is prevalent in the trans-Atlantic domain, in particular since the processes of the U.S. prolonged warfare in Indo-China.

The appropriate rough measurement of processes which correspond to that pattern, must be gauged against the fact that, absolutely contrary to the so-called “Second Law of Thermodynamics,” the biological evidence pertaining to our galaxy, as gauged against the mass kills of about 96% of known species on Earth during the recent term of approximately a half-billions years, shows that holding back on physical-economic progress, from relatively lower, to higher biological standards for continued species-existence, demonstrates that the Nineteenth-century foolishness known as the so-called “Second Law of Thermodynamics,” and its religious arm known as “environmentalism,” has been a fraud played upon the victims, from the outset.

As I shall be stressing that fact from here on, large populations have often been stupid in their mass-behavior, as, for example, in electing and tolerating a

virtual disease such as the person of U.S. President Barack Obama. The aspects of mass behavior of peoples, or large rations of them, include the option of even virtually mass-suicidal forms of adopted national policy, with awful, and repeated effects of one sort or another. Only the human species is presently known to us as enjoying the privilege of willful control of its own behavior. Outbreaks of mass popular stupidity, such as that which brought both of the defectives known, respectively, as George W. Bush, Jr. and Barack Obama into the U.S. Presidency, are not astonishing when the facts of that history is taken adequately into account.

The Oligarchical Principle

Most of the known societies from history have been victims of a cultural-mental disease which can be identified as *the oligarchical principle*. Many political-social movements of cultures and nations are to be recognized as expressions of that same oligarchical principle. For the purpose of our discussion here at this time, the entire trans-Atlantic community has been dominated, more or less plainly, by the oligarchical principle which reduces large masses of subject populations to virtually sick sheep, one generation more frequently more decadent than its predecessor.

The most significant contemporary case is that of the British empire which dominated our planet’s system since that 1763 Peace of Paris which established the present-day British Empire in fact, since that time, to the present day. Indeed the only leading European nation which is not a virtually crushed victim of British imperialism today, is Russia under the leadership of such prominent leaders as Putin and Medvedev: the rest, for the most part, are victims of an epidemic form of British imperial dictatorship, a form named “governance.”

That brings us merely to the threshold of the great principle to which we must turn our attention now.

VI. Science at Work

During the course of entering the Summer of 2011, I had completed a consideration which passed for the subject of a notion of time, a subject which I had considered over the course of decades of re-thinking of the increasing attention to Bernhard Riemann’s work, especially the implications for the notion of *physical time*,

a notion which was already implicit in what I have referenced, earlier, here as the concluding section (Section 3) of Riemann's 1854 habilitation dissertation.

During the course of time, I had become emboldened to undertake the shaping of a conception of a statement on the subject of physical time, as contrary to merely a linear clock-time. My views on that subject were, intentionally, in sharp contrast to those such as the followers of Laplace; this was an argument which I had taken up afresh in the Spring and early Summer of this present year,²⁰ a subject which I had resumed for further conclusions in the launching of this present writing, "Three Steps to Recovery," beginning the recent September 12th.

Throughout that previous Summer, until that September 12th, when I actually committed myself to begin this present report, I had written essentially nothing substantially new in my writings on the subject of "time," until I had begun composing this present report, about this recent September 12th. However, it has been evident to me that the subject of time was more perplexing than I had presumed earlier. That subject had now returned to the surface more clearly, and more emphatically, as now viewed in a relatively more advanced stage of a continuing progress than I had wished to assert earlier; I had thus presumed to risk putting these freshened thoughts to paper, as I am doing here.

The result of this continuing genesis has been the report now being presented to you for your study here. It has been a report intended, when completed, to be addressed principally to my young-adult professionals, that done with the intention to add a strongly motivated, if also suitably cautious, marginal emphasis on these more advanced matters which are the subjects of this present report.

In my determination to resume the completion of this report, I had found myself engaged in what I intended should prove to be a successful lurch toward



Press Service of the Russian Presidency

The "tandem" of Russian President Dmitri Medvedev (left) and Prime Minister Vladimir Putin: Their surprise announcement that they will switch places in the Spring election campaign was a blow to the British empire.

completion in presenting an entire phase of that work on the subject of human creativity, which I have intended to be readied for early publication during this Autumn.

It should be noted in the following pages, that the emphasis of the challenge with which I was confronted in writing this on that account, had found its most convenient choice of antecedent for reference many years earlier, in Albert Einstein's important comment on the implications of Johannes Kepler's great work: the notion of *a Solar system which is finite, but not bounded*. The content of that adopted challenge, involved implications of the notion of causality, as causality is properly implied in what I have just referenced as what should be recognized as having been Albert Einstein's most notable conclusion on this subject-matter.

The Political Years

Against that background of these earlier parts of modern world history which are to be seen from the vantage-point of the so-called trans-Atlantic "West," the world is currently plunged into what now threatens us with the most menacing crisis in known, modern world history.

That requires a relevant amount of our deep rethinking, respecting the deeper ways in which the mind sometimes actually appears to work. That brings us

20. Compare the treatment of the function of physical time by Sky Shields in "Is the Past Fixed?" <http://www.larouchepac.com/node/18639>

back to the standpoint which I introduced for continuing consideration in the first Chapter in this report.

Therefore, since I had written the first Chapter of this report, not only Russia, but, lately, most of the world, has experienced a new political revolution.

This was made clear, in the recent joint action of the incumbent current President of Russia and his partner, the current Prime Minister, who are now designated to exchange posts.

Therefore, on this occasion, we must pause to rethink the strategic situation. Let us, therefore, rethink through the grand surprise which Russia's political leadership has just recently employed to outwit and outflank what has been Russia's and the United States' rather ancient and foremost enemy, the British Empire, as follows.

Russia's presently leading figures, the contemporary political leaders Putin and Medvedev, have not yet finally secured Russia's next re-election; but, they had become, quite suddenly, impressively near to their crucial, present strategic objective of great progress. Our own traditionally British imperial adversary is now mightily perturbed on account of Russia's recent progress. This relative achievement by Russia's leadership, as by those two candidates for re-election, has come forth at a time when what has been seemingly most of the U.S.A.'s leading "party" machines, have been, busily, sending themselves and their admirers down to a monstrously bad political defeat, even toward Hell itself, that as now shown in the launching of an intended, 2012 election-campaign of President Barack Obama and his appendages.

As Plato might have written, were he alive today, Titanic changes in the course of current world history have just now come to the surface again, this time in Russia, and among other important nations of the world, too.

This change of the political weather eastward of Russia's European border, means that the core of the potentially winning forces of the U.S.A. electorate, should now become aware, that nothing actually good is to be expected from the presently incumbent reigning Obama political leadership of the U.S.A., or from what had been until most recently, the present, downward-plunging trends of qualities and inclinations among the political leaderships of western Europe. Hopefully, there seems to be a bit of improvement on that account.

Inside the U.S.A. presently, relying on the mistak-

enly presumed quality of existing party leaderships until most recently, would be the fast track toward extinction under the present state of mind of the present trends in the U.S.A.'s Democratic and Republican leaderships. We in the United States, in particular, are being impelled to seek to overturn what had been the recent pattern of disgusting moral, economic and political failures which our Democratic and Republican "bosses" have provided since President "Bill" Clinton left the office of the Presidency nearly eleven years ago. Nonetheless, despite this, we do enjoy a small, if precious minority of those who are to be found among the ranks of current nominal Democratic or Republican parties' actually trustworthy membership of either of those two political parties. Nonetheless, the majority of the voters of both parties have come to reject their parties' leaderships, while tending, more and more, toward "independent" postures.

So, the trend has become, that party leaders find themselves surrounded by increasingly dissident masses in the nominal base of voters' support. The presently onrushing economic breakdown of general collapse of the trans-Atlantic region of the world's economy, has produced a significant ferment of impulses for fresh innovation in our social-political processes.

During that time, our republic has been impelled, as throughout the entire trans-Atlantic world, into the British-directed, steeply declining, and presently hyper-inflationary phase of the worst general breakdown collapse in what is customarily identified as modern, "Western" history. This trend has been, so far, the effect of utterly, shamelessly pro-British-imperial-dominated years under what are now nearly a dozen ruinous years under the reign of the succession of the mentally blemished President George W. Bush, Jr. who was already bad enough, and, the worst of them all, an ostensibly, visibly deranged virtual carbon copy of the Emperor Nero, Barack Obama.

The Financiers & Their Folly

The root of the present, systemic political crisis in the United States, actually began with the death of President Franklin Roosevelt, and the incumbency of the virtual Wall Street/London puppet, Harry S Truman. Two terms under President Dwight Eisenhower reversed the worst strategic effects of the Truman Administration, but London and Wall Street continued to increase their power over the U.S. economy. The U.S.

economy of a President John F. Kennedy had turned the U.S. economy and related policies back into the tradition of President Franklin Roosevelt; but, the assassination of President Kennedy, and also the assassination of his brother Robert Kennedy, sent the U.S. careening into the opposite direction downward, into which the U.S.A. was plunged, in net effect, over the entire period since the assassination of John and Robert Kennedy.

Under the effects of a continued mis-leadership of the trans-Atlantic world, that under the present tyranny of the present British monarchy, there would be, presently, no hope for rescuing the United States, from a presently onrushing, general breakdown-crisis of the planetary economic-political system in its entirety and perhaps even the planet as a whole.²¹ The first actual sign of hope for a better outcome, was launched, as a very painfully shocking surprise, a sudden ruin of the strategy behind British imperial hopes, a serious setback caused by the sudden surprise delivered to the British and their lackeys, as represented by the decisions rendered by the joint action of Russia's President Medvedev and Prime Minister Putin at the just recently concluded meeting of their party's convention.

Now, I emphasize the point, that western and central Europe themselves, had entered beyond the brink of the presently terminal phase of the worst general, hyper-inflationary breakdown-crisis in modern trans-Atlantic history. The principal expression of this crisis thus far, lies in the fact that unless that British royal lackey, U.S. President Barack Obama, were now ejected from that office in the United States, there had been virtually no chance proffered during and following the installation of the Blair Prime Ministry, in particular; it had seemed to be impossible to prevent a virtually immediately economic and physical breakdown-crisis of the trans-Atlantic region of the world, an early crisis of a kind, which, if continued, the remainder of the planet could

21. In reading these lines, the reader must join us in taking into account the fact, that the general breakdown-crisis of the trans-Atlantic system of nations is already on the verge of a general "breakdown" collapse worse than that which struck down Weimar Germany in late 1923. Once the present trans-Atlantic system had been sent into a "breakdown," the immediate damage this would cause, would never be recoverable in anything resembling its present form. Under such conditions, the British Royal Family's hope for a level of genocide reaching the vicinity of a one billion ceiling on global population-levels would become close to prophetic for generations yet to come. The London-led hyperinflation under creatures such as Geithner et al., would be virtually unstoppable, once the coming "crash" had actually occurred.

not outlive for long.

Fortunately, the recent actions led by Russia's leaders Putin and Medvedev, in their own successive terms in the office of Russia's Presidency, have brought forth the factor of a revolutionary moment in world history, a moment which has now demonstrated a great potential for initiating what were now presented publicly as otherwise deep-threatened changes not only for the benefit of Russia, China, India, and other East and Central Asia nations, despite the presently very advanced process of the threat of an oncoming collapse of the nominally leading political currents presently in office, but also great potential for a popular revival of the U.S. legacy of President Franklin D. Roosevelt, now to be recognized as a true world leader from our past. Russia's recent action, together with its present partners, proffers the only present hope for escape from the presently onrushing, hyper-inflationary mass of human extinctions of the greater part of the trans-Atlantic and other regions—unless President Barack Obama were removed almost immediately during the very short time immediately ahead.

While the worst influences seemed to be in charge



Sam Vaknin, author of *Malignant Self-Love*, is interviewed in a 46-minute LPAC-TV video, on President Obama's narcissistic personality disorder, a condition which Vaknin says is increasingly controlling the President's mental outlook. Agreeing with Lyndon

LaRouche, Vaknin believes that Obama poses a grave danger to the United States and the world, unless he is immediately removed from office.

<http://larouchepac.com/node/19464>

of recent world history, especially throughout the trans-Atlantic region, other processes have been in motion, apparently under the surface of what have been presumed to be reigning trends.

These feature notably, the presently continued acceleration of a form of trans-Atlantic hyperinflation which is already far beyond anything experienced in the 1923 Weimar “hyperinflation”; the trans-Atlantic economic collapse is already far worse, respecting its global magnitude, than any earlier financial crises of the post-World War II period.

Ah! But, there have been less noticed processes under way, as if under the surface.

The great Asia nations could not long outlive the after-shocks of the trans-Atlantic hyper-inflationary “bubble” overripe for a total-breakdown form of financial-monetarist collapse. Only the immediate retirement of President Barack Obama from office, could avoid the sudden extinction of as many as hundreds of millions of lives in even North America, Europe, Africa, and beyond, through effects of massive and accelerating famine and disease alone. Not only must Obama go peacefully, but, there is apparently no alternative to his going. Also, the likely fact is, that an assassination of Obama would uncork a nightmare perhaps as ominous, or worse, as his continuation in office during the approximate month ahead. He must be placed in secured, protective retirement immediately. It would be virtually an act of treason not to bring him safely out of office immediately; but, he must be out immediately.

There are two options for a needed, de facto, immediate removal of Obama from office. One option is impeachment for high crimes and misdemeanors, of which he is to be judged fully culpable, already. The alternative option is provided under the Twenty-Fifth Amendment’s Section 4. At the likely minimum, as the case of a Section 4 action implies, the suspension of his powers in office for such reasons, would be the preferred immediate form of action to be considered. Any violent mass-action, by, or against the implicitly treasonous, or simply insane Obama administration would threaten a nightmare comparable to an Adolf Hitler, or Dick Cheney-led, bloody mass purge.

The Matter of a Recovery

The present level of destruction of the present economic system in place, when combined with the accelerating rates and existing magnitude of the trans-Atlantic rates of monetarist hyper-inflation, has now

generated virtually skyrocketing levels and insurging rates of threatened changes, such that even an immediate halt to the hyperinflation, through a Glass-Steagall mode, could not, by itself, solve the problem of the levels of bankruptcy now being reached.

Yes, that is the apparent state of affairs. However, before that point were reached, Glass-Steagall must have been put into effect. Without that, no immediate and irreversible breakdown-crisis of a type leading into early waves of mass deaths, could be avoided. Unfortunately, the net residue of viable physical-economic assets has been diminished to such a degree that only the accompaniment of Glass-Steagall by a shift to a Federal credit-system, as was already implied under the initial U.S. Constitutional formation of a credit system could provide even a temporary rescue. The application of a credit-system, as a replacement for the present money system, or, for a worse kind of economic sickness, a monetarist system, must be promptly installed.

An exposition on the matter of policy must be presented, before continuing with the discussion entered immediately above.

“The Old Adam”

The likely objection we might expect from the more sophisticated, but still monetarist sources, would still put the U.S.A. (and other nations) under the same old (“The Old Adam”) policy which has been the principal expression of the ultimate evils which now threaten the very existence of any civilization.

In brief, the amount and rate of monetary expansion which were needed to provide a net margin of actual recovery, would become hyper-inflationary under the trans-Atlantic world’s present needs if any sort of “free trade” or kindred reform were attempted. To say the same thing in other words, a Federal Credit System steered into very high rates of “injections” of high-energy-flux density is now urgently required. Heightened capital-intensity of U.S. Federally backed programs related to a maximal rate of development of an extended version of the NAWAPA system, must be placed into motion, immediately, and at the maximum scientifically feasible rate.

Furthermore, the NAWAPA design must be extended to the scope of a Pacific Basin scale reaching deeply into regions such as Russia and China as also the U.S.A. and Canada. The characteristic features of such a credit-based Federal system, and their international systems of cooperation of what would be considered

today as very high-energy-flux-density platforms for the agro-industrial foundations of the nations which are urgently needed for bringing even the bare recovery needed for the next two generations of mankind, require means of very high capital-intensity of power and net physical output.

Some Aids to Survival

Productive employment on a vast scale, is urgently needed now, even more than under the early years of the Franklin Roosevelt Presidency. There must be relatively very high levels of energy-flux density, especially in very highly productive rates of investment in basic economy in the understructure on which essential marketable services and production of directly consumable agricultural and manufacturing output depend.

Fortunately, the recovery of the U.S. economy under President Franklin Roosevelt made an otherwise unattainable victory over a potential Adolf Hitler possible. As a result of the Franklin Roosevelt recovery of a U.S. under the conditions of World War II, we equipped our forces with tons where the Nazis were compelled to rely on merely pounds—as the relevant German leaders complained at that time. We must and can assume the model of the Franklin Roosevelt recovery again, now, and that with the greatest imaginable haste and vigor. That would work; nothing less could.

In brief, we must produce at such rates of increase of relative energy-flux density in productivity, that the increase of the net physical output of growth of the U.S. economy accelerates in such a fashion as to greatly outpace the debt generated by investment in expanded and increasingly productive rates of growth per capita and per square kilometer. As early colonist Captain John Smith is said to have said, “To eat, you must first work.” Not only physical work, but high-technology physical-output in a capital-intensive mode.

In short, we must return to those capital policies of Treasury Secretary Alexander Hamilton which rescued our republic from the onrushing jaws of monetarism, threats which have threatened the efforts for another American victory over our same old enemy, the British imperial monarchy, still today.

The Two Crucial Motives

There are two distinct qualities of action to be considered, respecting the urgency of removing the rabidly incompetent President Barack Obama to appropriate supervision, Federal protection, and legal action. These

are not only urgent but mandatory: sudden removal for his immediately orderly and prompt suspension and personal security out from public office.

First, and foremost, for as long as he remains in office, not only is the United States almost certainly doomed; but, second, without a certain form of alliance among the United States, Russia, China, and certain leading other nations, especially of the Pacific-centered domain, that doom will be carried beyond the collapse of the immediately threatened trans-Atlantic regions, but, subsequently, throughout the planet as a whole.

The Galactic Threat

We must also consider the implications of a certain galactic-weather threat, as follows.

The most obvious of such threats to human existence, is presently onrushing threat of general physical-economic breakdown-crisis of most of the planet, especially the combination of the trans-Atlantic region, and, following that, the planet as a whole. The sudden and rapid opening of a general, physical economic breakdown of the planet, especially beginning within the Trans-Atlantic region, now, would probably mean a nightmare on the scale of a rapid collapse of the human population, a depopulation consistent with the current British monarchy’s announced determination to collapse the human population to the level of no more than a billion persons.

The second level of threat comes from our galaxy. If, as is indicated, that the human population on this planet began at a time as early as a few millions of years ago, then it were possible that the human species might be expected to disappear in the way of the dinosaurs. It would be foolish in the extreme not to consider the possibility of such a challenge. In the latter circumstances, under expected changes expected by the shifts within Earth’s position in our galaxy, human existence would apparently depend upon the development of technologies of far greater “energy-flux densities” beyond anything which could be possible at the relatively low-energy-flux densities of employed power associated with the presently impassioned primitive technological levels permitted by the British-monarchy-led, so-called “environmentalists” of today.

The root of that, factually, pro-genocidal policy of the British monarchy since the close of the Eighteenth Century, is the central feature of the global threat to the continued existence of the human species looming



Haroun al-Raschid (far left) receives a delegation from Charlemagne, in Baghdad. The two attempted a grand design of peace for the Mediterranean region, but it crumbled when they died. Painting by Julius Köckert, 1865.

before humanity as a whole: the so-called “environmentalist movement,” the oligarchical program of fostering of genocide threatening the continued future of human existence at the present time.

VII. Charlemagne’s Legacy

Briefly, shift the subject to a timely theme:

In the English translation of President and General Charles de Gaulle’s uncompleted **Memoirs of Hope**, he began as follows:

“France has emerged from the depths of the past. She is a living entity. She responds to the call of the centuries. Yet, she remains herself through time.”

That opening statement by President de Gaulle, is not precisely true.

In that matter, we must never forget Charlemagne’s France, a France then comprised, in Charlemagne’s time, of the essential territory of what is known today, to a large degree, as the separate nations of France and Germany, a France of that Charlemagne who was the partner in anti-imperialist alliance of another great sovereign, that of the Baghdad of Charlemagne’s time, Haroun al-Raschid. When these two leaderships had died and their reigns shattered, Europe had degener-

ated rapidly into what became the perpetual religious warfare which concluded in the so-called chivalry of that reign of the great wave of deaths which was the Fourteenth-century New Dark Age.

The error in President de Gaulle’s assumptions in his time, was his failure to take into account the crucial historical importance of the failure of European civilization, as contrasted with the historic role of our United States, the same error he made in underestimating the crucial role of the American Revolution in world history up to the present moment.

Charlemagne Had Been Crucial

With the great economic system, the true civilization, and great internal hydraulic systems of central Europe (i.e., what are presently known as the separate nations of France and Germany at that time), when Charlemagne died European civilization had been collapsed. Continental Europe collapsed into the effects of a bestiality which became the decline into the Crusader system. A Crusader system which led into the succession of a “Black Death” could be prophetic if the “green” option were to prevail.

Next there came, decades later, a gradually accelerating recovery from about the time of the early decades leading into the Great Ecumenical Council of Florence, out of the emergence of the centuries-delayed revival of some elements of Charlemagne’s distant memory. This renaissance led into the rise of the great statesman of a reborn France under the memory of the great Jeanne d’Arc, her heir, the Louis XI who emerged as a great, briefly reigning political-economic instrument of an emergent modern civilization.

But, then came the resurgence of the House of Habsburg’s invasion of the royal bedrooms of the Iberian Peninsula and the great religious warfare throughout Europe over the 1492-1648 interval. Warfare between France and Germany, aggravated by England’s Henry VIII, became a crucial part of the means by which the legacy of the ancient Roman Empire has been maintained as an imperialist trick of division of Europe, by means of which what had been

one form or another of the Roman empire, were perpetuated to rule and ruin the nations of Europe and beyond.

Then came the rise to power in Britain of the New Venetian Party whose power was centered in the financier center of the Netherlands where the lying scoundrel Rene Descartes and his successor William of Orange established his new empire through the sheer silliness of France's Louis XIV and XV, and William's invasion of the British Isles. By the 1763 Peace of Paris, the British empire had become established as the heritage of the new, world Roman Empire, the British Empire of the heirs of Lord Shelburne, up to the present days of ruin of the trans-Atlantic world.

With modern history now to be read against that summarized historical background, the following must be considered.

The American Option

Nicholas of Cusa's design had established the roots of a modern civilization at a relatively safe distance from "old Europe," exactly as Nicholas of Cusa was the first to recognize the failure inherent in an "Old Europe" far too close to the legacy of the succession of Roman empires. That problem has persisted up to the present time; it is the influence of "Old Europe," that hand of decadence which has cursed Europe and also the Americas to the present day.

So, the criticism to be made of President de Gaulle's vision of France's true roots of nationhood, was justified prior to the maturity of his Fifth Republic mission, more less, in some degree, as the implications of a true history of European civilization. He had, however briefly, rightly sought and desired the quality of a Europe which he shared as a bold and noble intention with Chancellor Konrad Adenauer. The intention of the de Gaulle of the Fifth Republic and Konrad Adenauer was betrayed by the British imperial influence. There were British lackeys in the mold of France's President Mitterrand. There were British interests who gained power over the United States through the work of the



JFK Library

President Charles de Gaulle and President John Kennedy at the Elysée Palace in Paris, May 31, 1961. The British thwarted the potential for reviving the legacy of President Franklin D. Roosevelt—notably by the assassination of Kennedy and his brother Robert.

assassins of U.S. President John F. Kennedy and John's brother Robert.

For such reasons, as long as President Kennedy had lived, the cooperation between de Gaulle's France and Adenauer had been a blessed moment, but, unfortunately, that was to give way to victory of the British empire over the continent of Europe with the assassination of President Kennedy, which wrecked De Gaulle's intention, and which, in turn destroyed the fixed-exchange-rate which had been established by President Franklin Roosevelt. So, precious, blessed moments had come and passed, until today's hope of a return to the Franklin Roosevelt legacy for which the world is still waiting, now.

France's long failure, earlier, since the death of Louis XI, to recognize the legacy of Charlemagne's peace of the region which Charlemagne had erected against the evil tradition of the Second Roman empire, has been key to a competent understanding France's failures to continue to realize what President de Gaulle of the Fifth Republic would seek to bring about, thus to bring about the goal intrinsic to Charlemagne's effort to destroy the evil tradition of the Roman Empire.

On this account, France's failure since the assassi-

nation of President John F. Kennedy, is to be blamed on, principally two factors. One fault is to be blamed on the successful British interest's success in exploiting the assassination of President Kennedy. The other, has been France's own failure since the assassination of President Kennedy, the failure to recognize the way in which the British empire has maintained the role of the Roman empire of "divide and conquer," the development which is key to understanding the assassination of President Kennedy, and also the assassination of a Robert Kennedy about to become the new U.S. President.

Thus, what might have been considered, mistakenly, as de Gaulle's failure, might be fairly said prior to President de Gaulle's role under the Fifth Republic, but not as the de Gaulle of the Fifth Republic until President Robert Kennedy was assassinated. The fault of a France prior to the Fifth Republic had been its softness toward the British and Habsburg versions of the Roman imperial tradition. France's frequent failure earlier than the Fifth Republic was its failure to understand the evil of the sundry expressions of the Roman empire up to the present date, especially France's folly in allying with the British form of manifestation of the Roman imperial tradition, and with the British use of conflicts between France and Germany for the advantage of the British imperial menace to them both.

The principle to be emphasized here, was France's frequently earlier failure, prior to the Fifth Republic and with the rise of the British asset Mitterrand, to recognize that the worst of the experience of France had always been the legacy of the Roman Empire's continuing to play that old role as under Rome's reincarnation as the old Venetian tyranny of monetarism, as the monetarism of the New Venetian Empire which marched into Britain and Ireland under the banner of William of Orange.

Europe's Curse

At the bottom, the failures of France itself, and that of Germany, too, must be attributed chiefly to the failure to recognize two cardinal facts of ancient through modern history. First, was the inherent evil of the method of the oligarchical system, as expressed by the existence of the oligarchical system typified by the Roman Empire and its successors; secondly, the failure of France and Germany to recognize, that it has been in more recent centuries, the folly of both of France and

Germany to fail to understand their respective frequent betrayals of the legacy of Charlemagne.

The tragic failure of both France and Germany, among others, has been the failure to realize that the terrible mistake of both, has been their failure to recognize the meaning of Charlemagne's great reform, the reform of the notion of the sovereign nation-state which had been built, so brilliantly, on the foundation of the great design for a peace of the Mediterranean region, which Charlemagne and Haroun al-Raschid had crafted as their intention for as long as they had lived.

The truth about modern Europe, and its more honorable intentions, has often, thus, been buried under the crushing of the great ecumenical Council of Florence under the evil which was the legacy of a succession of Roman empires, from the likeness of Caesar Augustus, through the loss of western and central Europe's crushing of its former sovereignty under the brutish heel of the legacy of the succession of Roman Empires, from Caesar through the present British empire of the present moment under Elizabeth II. It must be remembered, that it was the "divide and conquer" of the system of Roman imperialist divide-and-rule under the almost global British imperial outgrowth of the ancient Roman empire and the legacy of the oligarchical principle, which crushed the intention of that President Charles de Gaulle to unite the common intention against the British imperial adversary of virtually all continental Europe.

Despite the systemic failure of France prior to the Fifth Republic, President de Gaulle had come to epitomize an intended practice which had become, in a significant respect, an appropriate modern successor of the principles of statecraft which the genius of Charlemagne had represented in an earlier time. Admittedly, those specific connections to Charlemagne had been lost, once again, with his death, and lost again, and again, in the rubble of what was to become Europe's Fourteenth-century, "old Venetian" New Dark Age. However, it was a folly also expressed even after the greatness of Louis XI, all these failures the expression of a continued Venetian depravity to be reborn once more as the "New Venetian Party" of both William of Orange, and, once more, the depravity of Leibniz's personally living enemy, Leibniz's bitter adversary, Abbe Antonio S. Conti, together with Conti's British "stand-in," the utterly degenerate Isaac Newton.

The special significance of the role of President de

Gaulle for the purposes of this present report, is that western and central Europe have been, to a large degree, still largely the puppets of the British echo of the original Roman Empire, ever since the ouster of Germany's "dropped pilot," Chancellor Bismarck. For a virtual moment in Europe's history, until the assassination of the United States' President John F. Kennedy, France's President Charles de Gaulle had come close to being a participant in the role once exemplified by Charlemagne. With the assassinations of both President John F. Kennedy, and, then, of his brother, prospective U.S. President Robert Kennedy, France had lost control of its own true sovereignty, to the reign of such British assets as that echo of Napoleon III, François Mitterrand.

That much said on the those indicative points of political history, now return to the subjects of science introduced in this report's opening two chapters.

VIII. Your Human Mind

In the opening this report, I had outlined the distinction between that illusory view of human knowledge which is presented as sense-perception, and the contrasted view which I identified as "The Human Principle." I now return your attention to Chapter I of this report, in which I had emphasized the crucial role of *the principle of metaphor* as representing *a typical principle of action*: the ontological principle of *the elementarity of action*, rather than the devotion to a relatively finite objective. Restated, our weapon of recovery for a presently endangered world's economic system is to be found in Heraclitus' *ontological/cosmic principle* of metaphor: "*Nothing is constant but change!*"

In this relatively brief concluding chapter, I shall limit our attention to a small number of useful illustrations, as follows.

The leading implication of the argument which I had introduced, essentially, in Chapter I of this report, is that the actual existence of the human individual identity is "not visible" to the sensory system of the human individual; but, nonetheless, the "not-seen," actual individuality, is the actual "location" of the actual identity of that individuality.

The individual does not "see himself," or "her-self," but the healthy individual mind recognizes the fact of the individual's efficient existence, and is able to recognize the "felt" presence of that individuality.



"The healthy personality," writes LaRouche, "attributes the quality of an 'unsensed soul' to the innermost location of self-identity." Shown: "Rembrandt's Mother Reading," painting by Rembrandt van Rijn, 1629.

The individual tends to regard the sensed presence of self as represented by the sensory experience and related attributes of the person as the attributes of the personality. The healthy personality attributes the quality of an "unsensed soul" to the innermost location of self-identity.

Therefore, the "unsensed soul" is regarded by the person identifiable as the healthy personality as the "I" of personal identity.

The healthy personality must tend to locate reality in the metaphorical terms of the concept of *mind*, as I supplied that distinction in Chapter 1, above.

The characteristic of the healthy personality, so defined ontologically, is what we should recognize as *anti-entropic creativity*. The notion of anti-entropic creativity is coordinate with the notion of an anti-entropic universal principle (e.g., "creative" mental and other aspects of human identity).

Therefore, for the sane human mind, the existence of "space" as such does not exist. Valid human existence is inherently anti-entropic.

‘EXECUTION BY SECRET COMMITTEE’

Britain’s Fascist Coup Plot Against the United States

by Nancy and Edward Spannaus

Oct. 12—*In a far-away country, a secret Committee appointed by the Leader, is meeting in the regime’s capital. The members of the committee are not known to the public, but include representatives of the Nation’s intelligence and police apparatus. Likewise, whatever guidelines or rules the Committee may follow—if any—are known only to a few.*

The Committee has received information, vague at best, that a citizen of the Nation, call him Citizen A, has joined with the Enemy and is issuing propaganda on the Enemy’s behalf. Quickly, the Committee decides that Citizen A must be eliminated. The Committee’s verdict, once ratified by the Leader, as it soon will be, is sufficient to issue the death warrant for Citizen A. Nothing more is needed, than the Leader’s word.

True, the Nation has a constitution, but the regime’s paid lawyers quickly dispense with that, showing why its provisions are irrelevant. The Nation has a court system, but the courts seldom dare to interfere with the Leader’s decisions on important questions of National Security. The Nation also has a legislature, some members of which may timidly raise a question or two, but any such annoyance will be quickly buried by claims of “National Security” and “Secrets of State.” As Citizen A is currently residing in another country, a bullet to the back of the neck isn’t practical, but a missile will do the job, and if it kills others along the way, well, let that be a lesson to them.

That, of course, is not some far-away country; it’s not the Soviet Union or North Korea, but the United States of America today. It is President Barack Obama who has created a secret committee that decides which Americans should be placed on a “kill or capture list,” according to a report by veteran investigative reporter Mark Hosenball, published by Reuters on Oct. 5. There is no public record of the committee’s operations or its decisions, nor “is there any law establishing its existence or setting out the rules by which it is to operate,” Hosenball reported. It was this secret committee, a subset of the Obama White House’s National Security Council, which issued the death warrant for U.S. citizen Anwar al-Awlaki, who was killed by a CIA drone strike in Yemen on Sept. 30.

As we reported last week, the al-Awlaki execution immediately triggered a sharp response, from both so-called liberals and conservatives, warning of the danger of allowing a U.S. President to exercise such unchecked power.

Now, *EIR* has learned that the leaking of the story of the secret committee, was part of an effort to stop the moves toward a police-state dictatorship, which was well underway during the Bush-Cheney Administration, but which has in fact been accelerated under Barack Obama. The Presidential “kill list” is only a reflection of the preparations of a long-standing British-backed apparatus in the United States to carry out a



Wikimedia Commons

Dick Cheney and President George H.W. Bush, shown here in 1991, laid the groundwork for the fascist takeover that Obama is advancing today. Cheney now praises Obama's murder by decree to the skies.

Hitler-style coup here. Now, in a panic about the blow-out of their financial system, the British have decided to act.

LaRouche Warns of Coup Threat

Speaking to associates on Oct. 8, American statesman Lyndon LaRouche warned that British-backed forces are on a drive to carry out their long-standing plan for a fascist coup against the United States (see Editorial). Measures are being put in place for a coup precisely like that of Adolf Hitler in 1933; the assassination of al-Awlaki and another American citizen at the same time, is a hint of things to come.

While British puppet Barack Obama will be a leading instrument of this coup, LaRouche charged, the apparatus in motion involves fascists from both parties, notably the Bush family and former Vice President Dick Cheney. The apparatuses that were set up beginning with George H.W. Bush's Presidency—from private armies to intensive police-state surveillance—after being interrupted under the Clinton Presidency, have escalated to the point of an imminent threat, under the George W. Bush and Obama Administrations.

In this context, it is notable that Republican Congressman Darrell Issa (Calif.) sent a letter Oct. 4 to President Obama, demanding explanations for the dramatic growth of private armies (contracted mercenaries) in Iraq and Afghanistan, under the Bush and Obama

administrations. The expanded use of private armies goes together with more “civilian” fascist measures, such as the set-up of the Super Committee for budget cuts, and Obama's Hitler health-care bill, which targets “useless eaters” for denial of care under the pretext of saving money.

LaRouche emphasized that the defeat of this planned coup must begin with the removal of Obama from office, through either the launching of the impeachment process, or imposition of Section 4 of the 25th Amendment.

Secret Process, Secret Evidence

The Hosenball/Reuters story reveals the secretive process under which an American citizen can be killed by his own government: “American militants like Anwar al-Awlaki are placed on a kill or capture list by a secretive panel of senior government officials,

which then informs the President of its decisions, according to officials.”

“There is no public record of the operations or decisions of the panel, which is a subset of the White House's National Security Council, several current and former officials said,” Hosenball added. “Neither is there any law establishing its existence or setting out the rules by which it is supposed to operate.”

While Obama and Administration mouthpieces have claimed that Awlaki had gone from being an “inspirational” figure, to playing an “operational” role in various terrorist plots, Hosenball cites unnamed officials as saying that the intelligence on which this claim is based, was partial and “patchy.” But from the description provided, it could hardly justify a misdemeanor arrest, much less an execution warrant: There were voice intercepts involving “a phone known to have been used by Awlaki and someone who they believed, but were not positive, was [underwear bomber] Abdulmutallab.” In another case, a British Airways employee was jailed for plotting to blow up a U.S.-bound plane. He apparently discussed the plot via e-mail from Britain with his brother in Yemen, and “there was a strong suspicion Awlaki was at the brother's side when the messages were dispatched.”

Discussing the nature of secret evidence, Constitutional lawyer Glenn Greenwald, writing in *Salon*, pointed out that, “As any lawyer will tell you, anyone can make a

case for anything when they're in exclusive possession of all the relevant evidence," and when they are the only ones presenting it. "All evidence becomes less compelling when it's subjected to adversarial scrutiny."

Greenwald is particularly caustic toward the "good Democrats" who blindly support the Awlaki execution because it was done by a Democratic President. He asks if they would be as supportive if the hit list were being made up by the Bush White House, or a Rick Perry White House. And further, Greenwald asks: "If you're willing to endorse having White House functionaries meet in secret—with no known guidelines, no oversight, no transparency—and compile lists of American citizens to be killed by the CIA without due process, what aren't you willing to support?"

Former Defense Intelligence Agency official Col. Patrick Lang (ret.) comments that the use of a secret committee to authorize the killing of an American, does not comport with the legitimate conduct of warfare or even of counter-terrorist operations. "It seems to be exactly the kind of arbitrary 'law' and judicial practice that caused our ancestors to rebel against the 18th-Century British government," Lang writes.

Just Like Cheney-Bush

After it was disclosed that the Justice Department had issued a secret memorandum justifying the assassination program, and as pressure was growing for its release, *New York Times* reporter Charlie Savage was fed what purported to be a detailed summary of the memo, which had been written by the Department's Office of Legal Counsel (OLC). The memo remains classified, but the *Times* wrote: "The secret document provided the justification for acting despite an executive order banning assassinations, a federal law against murder, protections in the Bill of Rights and various strictures of the international laws of war, according to people familiar with the analysis."

The lawyerly dancing around each of these prohibitions—under the guise that the U.S. is at war—does bring to mind the infamous "torture memoranda" concocted in the OLC by the Bush-Cheney lawyer-flunkies, which provided sophisticated rationalizations for detention without any due process and for physical and psychological abuse of prisoners (who were labelled "detainees" to try to circumvent the Geneva Convention protections which are obligatory for prisoners of war).

That similarity should not be a surprise. The Obama Administration has not only embraced the Unitary Ex-



White House/Pete Souza

Obama sits under a portrait of George Washington, who won a war against the British, and created the Republic that British puppet Obama is now acting to destroy.

ecutive (i.e., Hitlerian) philosophy of former Vice President Cheney, but has taken it several steps further, without so much as a blink of the eye. The continuity is so great that Cheney, in a recent TV appearance promoting his memoirs, not only lavished praise on the Obama White House for adopting his methods with the assassination of American citizen Awlaki, but also demanded that the President apologize to him for the criticisms of Cheney that Obama made during the election campaign.

As numerous leaks from the military-security establishment suggest, and much public evidence documents, neither the intention for a fascist police state, as was evident under the George H.W. Bush Administration, nor the apparatus, has ever disappeared. It was Cheney, as Bush I's Secretary of Defense, who proceeded to implement the plans elaborated by fascist

centers such as Middlebury College in Vermont, for privatization of the military.

The Clinton Administration represented a setback for the fascist push, and, not long after, came 9/11, the British-Saudi attempt at a “Reichstag fire” that was aimed at ushering in a fascist dictatorship in the United States. This did not fully work—and now the Obama Administration, led by a President who is not only a malignant narcissist in the Hitler tradition, but also a British puppet, is charged with finishing the job.

Indeed, the British financial interests, faced with the imminent collapse of their system, are absolutely desperate to destroy any potential for the United States to take the positive actions necessary to destroy their power. They tried it in 1933, with an assassination and a coup plot against President Franklin Roosevelt, but it didn’t work. Instead, British money and influence put Hitler into power—a move toward global fascism which ultimately backfired and failed.

But will American patriots rise to the occasion, and stop the Hitler-style coup planned today?

Facing the Bitter Truth

There is no possible excuse for any American citizen, with even medium intelligence, to deny the anti-Constitutional, dictatorial character of the Obama Administration’s actions. Obama has blatantly violated the U.S. Constitution in the cases of the launching of the Libya War (still ongoing), and the assassination of an American citizen. He has also violated the principles of that Constitution with his Hitler health bill (built on the idea of “saving money” by denying care to those considered to have lives not worthy of being lived), and his Super Committee—although in those cases he succeeded in getting a corrupt Congressional leadership to ratify his actions.

True, some significant figures are speaking out. In addition to Lang, mentioned above, we have Paul Pillar, a 28-year veteran of the U.S. intelligence community.

Pillar, who retired in 2005 as National Intelligence Officer for the Near East and South Asia, lambasted the Awlaki murder in an Oct. 1 article in “The National Interest” (<http://nationalinterest.org>). “The difference between the United States and the dictatorships,” he wrote, “is that the United States requires something more, procedurally and legally, than mere observations by the executive authority that someone poses a threat. The foundation for that requirement is the clause in the Fifth Amendment to the U.S Constitution that states

that no person shall be deprived of life, liberty or property without due process of law. The requirement is all the more acute with U.S. citizens, as both al-Awlaki and Khan were. What happened on Yemen on Friday was essentially a long-distance execution without judge, jury or publicly presented evidence.”

Yet, as of this writing, only Republican maverick Congressman Ron Paul (Texas) has stated clearly that the Awlaki assassination is a “criminal act,” and a violation of the Constitution, which constitutes an impeachable offense, and that the plethora of liberals and conservatives who have attacked the blatant Constitutional violation in the Libya case are sticking to court action—rather than taking the action they must.

Why no action? It seems that when it comes right down to it, our leading representatives do not want to face the implications of what they see right in front of them.

The first question to be understood is that of *intention*, specifically the British intention which lies behind the actions of their puppets or willing followers, like the Bushes, Cheney, and Obama.

A Small Taste

The City of London’s weekly *The Economist* set out its policy on the Obama Administration’s arbitrary killing methods this week in an editorial statement. *The Economist* editorial cheers the fact that “the use of drones has increased dramatically, especially under Barack Obama”; a tenfold increase in frequency of drone strikes in Pakistan over the reign of Bush, Jr., according to an accompanying article. “Many people find the computer-games aspect of what the Pentagon likes to call Unmanned Aerial Systems creepy, but drones are much better than manned aircraft at hunting fleeting targets,” in its view.

The Economist suggests one change needed to secure this “potent new weapon,” however: the establishment of “secret courts” charged with determining “whether the evidence against someone is sufficiently strong to make that person a target for assassination. One American commentator, Harlan Ullman, has suggested using the secret courts that meet to authorize domestic surveillance as a model,” *The Economist* wrote.

Could the British intention be any more clear? The first step to stopping it is to get rid of their key tool, Obama—and then bankrupt their gambling casino with Glass-Steagall. No alternative is even worth considering.

Will ‘Occupy Wall Street’ Upsurge Force Through Glass-Steagall?

by Nancy Spannaus

Oct. 11—The dramatically expanding process of “Occupy Wall Street” demonstrations popping up in city after city in the United States, represents the third wave of the mass-strike process in this country over the last two years. This time, given the depth of the global collapse, the urgency of victory for the LaRouche policy-solution, starting with reinstating Franklin D. Roosevelt’s Glass-Steagall, is coming to the fore.

While the growing movement prides itself on its lack of organized structure, a large number of the participants are starved for ideas, and totally disenchanted with every established institution in the country, most especially President Barack Obama. Thus it is not surprising that the demand for reinstating FDR’s 1933 Glass-Steagall law, which has been the concerted focus of organizing by the LaRouche Political Action Committee for the last three years, is very prominent.

Even while officially claiming the movement has no demands, local assemblies and the flagship website of the movement (<http://occupywallst.org/>) have repeatedly reported that Glass-Steagall, specifically in the form of Rep. Marcy Kaptur’s (D-Ohio) H.R. 1489, is the lead demand of the demonstrators. “It will make Wall Street games illegal,” proclaimed one of the movement’s Internet postings.

Where LaRouche candidates and organizers are present, they have electrified the assemblies with their calls, not only for Glass-Steagall, but for removing Obama from office, and implementing the huge infrastructure projects which a true recovery of the U.S. and world economy demand. The Seattle demonstration Oct. 8, for example, saw a youth trying to promote Obama virtually driven from the stage, while the crowd enthusiastically applauded LaRouche Congressional candidate Dave Christie’s message. In other cities, educational sessions on the economics behind Glass-Steagall have drawn dozens of serious people.

There is clearly the potential for this movement,

which has predictably drawn its share of political opportunists and anarchists, to be sabotaged by those and police-state elements. But the immediate impulse from the demonstrations and tent cities, has been overwhelmingly positive, drawing in not only leading trade union institutions, but also inspiring those Congressmen who have already put themselves on the line for Glass-Steagall, to take bolder action. It comes down to a race against time: Will a population, aroused to its true interests, force Congress to take the necessary steps to put the nation on the road to recovery, or will this great moment have found a “little people,” and be dashed by the British empire’s drive to crush the United States and civilization itself?

A Mass-Strike Movement

Most notable about the Occupy Wall Street protests, which model themselves explicitly on the Indignados movement of Spain, is their lack of organization, and their youth. While, as can be expected, the thousands of young people occupying spaces such as Zuccotti Park, now known as Liberty Plaza, in New York City, include ideologues from various groups, the characteristic of the movement is its attraction of those who have never been political before, and are simply at the end of their rope, and looking for a future that’s been denied them. College graduates who can’t find a job and unemployed professionals are leaving home to join the protests. “I did everything right,” said one 21-year-old in an interview, “went to school, studied, did well. But I have no future.”

It’s when youth are in motion en masse, that revolutions are made.

Over the last week, the movement has brought in ever new layers of the population, in addition to expanding to ever more cities and states—reportedly up to more than a thousand localities. Particularly important is that the spark ignited by the youth has re-cata-



OccupyTVNY

Above: An “Occupy Wall Street” demonstration in New York City, Oct. 5. Right: At a rally in Austin, Tex., Oct. 7, the Glass-Steagall banner is held high. The mass-strike process is building nationally, but needs competent leadership.



lyzed the labor movement, which is embracing Glass-Steagall in increasing numbers, but has lain largely dormant in terms of street action since the Wisconsin confrontation last Winter. Trade union locals in many cities are coming out to march with the Occupy Wall Street protests.

Marching with the youth have been unionized teachers, transport workers, government workers, nurses, and many others. Even AFL-CIO President Richard Trumka, who has recently appeared to engage in a dangerous rapprochement with the fascist President, visited the New York City occupation to express his support.

Converge on Glass-Steagall!

There is no question but that the surging mass-strike ferment, with Glass-Steagall so prominent in its demands, has had a positive effect on Congress. Signers on Kaptur’s H.R. 1489 have risen to 45, and are expected to grow even more rapidly in the near future, with the introduction of a companion bill in the Senate.

Kaptur herself reflected the changed dynamic on Oct. 6, when she took to the floor of the House to make an impassioned statement demanding that Congress begin to respond to the actual needs of the people, not Wall Street. As she put it:

“It is Congress that is unfocused, disorganized. It is Congress that has not met its obligation to the American

people. Congress has not addressed the real damage caused by Wall Street greed. This institution can’t even do rigorous oversight hearings across America, starting on Wall Street.

“It is this body that has allowed justice to be denied to millions of our fellow Americans harmed by Wall Street wrongdoers. Wall Street has taken bonuses, as we’ve seen—the largest transfer of wealth from Main Street to Wall Street in history.

“I’m placing in the record today 12 bills Congress needs to pass to yield long-overdue justice, restore a trustworthy competitive banking system, and get the big money out of politics, including

this Congress. These bills include restoring Glass-Steagall, helping those facing foreclosure, and adding 1,000 FBI agents to do real investigation and prosecution along with forensic accounting to bring those who have done wrong to this republic to justice.”

On the next day, Oct. 7, another initiating sponsor of H.R. 1489, Republican Congressman Walter Jones (R-N.C.), gave an interview to LPAC-TV, where he urged every citizen watching to call their Congressmen immediately, and demand passage of the renewed Glass-Steagall bill (see below).

Meanwhile, activists around the country continue to stand up in unions, city councils, and county governments to urge passage of resolutions demanding that Congress reverse the devastating economic breakdown crisis by passing H.R. 1489. The latest major political jurisdiction to do so was the Middlesex County Board of Chosen Freeholders, which represents more than 800,000 citizens of New Jersey.

It is clear that the ideas of the LaRouche movement are taking hold. They are the only ideas which can lead this renewed mass strike to victory for both the United States, and humanity as a whole.

End the Afghan War; Revive Glass-Steagall

Oct. 8—*Rep. Walter Jones (R-N.C.), was interviewed on Oct. 6 by LPAC-TV's Ardena Jones (no relation). Representative Jones is one of the two originals co-sponsors of Rep. Marcy Kaptur's H.R. 1489, for revival of Glass-Steagall.*

Jones is also a co-sponsor, with Rep. Jim McGovern (D-Mass.), of a bipartisan bill to require an exit strategy from Afghanistan.

The video interview can be found at <http://www.larouchepac.com/node/19744>.

LPAC: Good morning. This is Ardena Jones with a special report from Capitol Hill. I'm currently in the company of Rep. Walter Jones of the 3rd Congressional District of North Carolina.

Walter Jones: Ardena, glad to be on your show today.

LPAC: Well, very soon you'll be heading over to a press conference, in which you'll be discussing the prospects of bringing our troops home from Afghanistan. This is also the eve of the 10-year anniversary of our war in Afghanistan. Just say something about what you intend to do.

Jones: Well, Ardena, it's going to be a bipartisan news conference—obviously I'm a Republican, but Jim McGovern, Democrat from Massachusetts, is a good friend of mine. And, over a year ago, we started to push the Congress to bring our troops home from Afghanistan. So, this news conference today is exactly what you said: It's to remind Congress and the American people that, Friday, 10 years ago, we committed our troops to Afghanistan. We are still there; nothing has really changed.

Now, let me rephrase that: Bin Laden is dead now, and al-Qaeda has dispersed all over the country. So the fight now is with the Taliban, who basically are Afghans. And we're not going to change anything. Our kids have done everything; have had victory after victory. We're trying to spend \$10 billion a month to prop up [Afghan] President [Hamid] Karzai, who is a corrupt

leader, and we can't even account for the \$10 billion—it's taxpayers' money—and we can't even audit the books in Afghanistan.

The important thing is, our troops are worn out; they're tired, suicide rates are up, divorces are up. Why can't we wake up as a country, and demand from the Congress and the President, to not wait to 2014 or 2015, to start [pulling] the troops out? Let's bring them home now within the next year.

Afghanistan: No End-Point, No Strategy

LPAC: That's your timetable, for the next year?

Jones: Absolutely, absolutely. I have Camp Lejeune Marine Base in my district, Cherry Point Marine Air Station, and I can honestly tell you, the Marines are tired; they don't know what the end-point is. If you don't know what the end-point is, you have no strategy. It just goes on and on and on. And I hope that people watching this interview with you today, Ardena, will pick up the phone, call their Members of Congress—House and Senate—and the White House, and say "Bring 'em home!" "We're not gonna let you wait until 2015."

LPAC: I have a follow-up question on that. Some retired U.S. military personnel, as well as Secretary of State Hillary Clinton, have called for a regional security conference in the South Asia/Central Asia region—to include the United States, Russia, China, India, Pakistan, and Iran—for the purpose of establishing a security cooperative, a development perspective for Afghanistan, following the withdrawal of U.S. military personnel. What do you think of such an idea?

Jones: I don't think it would work, quite frankly. I have a former Marine general who has been my advisor for 21 months.... For 21 months he's been asking, "Why hasn't America learned history?" No country, no individual has ever changed Afghanistan, and we're not going to. And yet, in this country today, the Congress is debating cutting programs for children and seniors, so we can prop up Karzai....

And I just think the American people, just like the military—we are fed up and tired. Again, I hope that those watching this interview with you will pick up the phone and call Congress and the White House, and say, "Bring 'em home, bring 'em home."

Reinstate Glass-Steagall!

LPAC: You are also the co-sponsor of another very important bill, which was originally introduced by Rep.



LPAC

Rep. Walter Jones (R-N.C.) interviewed by LPAC-TV's Ardena Jones: Call your Congressmen. Tell them to bring our troops home from Afghanistan! Tell them to pass Glass-Steagall!

Marcy Kaptur [D-Ohio], the [H.R.] 1489 Glass-Steagall bill. The former Prime Minister of France, Michel Rocard, just penned a full-page op-ed calling for the implementation of Glass-Steagall in France, calling on the UN to have a special Security Council meeting, calling for the implementation of Glass-Steagall.

And that sentiment has been echoed across Europe. And Europe is really looking to what is happening here in the United States, and saying that the United States should provide leadership on that, leadership that you've been providing, on a bill that has been growing in support almost by the hour these days.

What do we need to do to get this bill passed?

Jones: Well, Ardena, I have said many times that the two worst votes that I have ever cast as a Member of Congress: first, going into Iraq—the intelligence was manipulated to send us into Iraq, and I should never have voted to give President Bush the authority to send our troops into Iraq. And the second-worst vote I ever made, was the repeal of Glass-Steagall. All that did, was to allow the banks to expand their interest, so to speak. After the Depression in the '30s, they passed the law Glass-Steagall to say to the banks, you will do nothing but banking.

And when we repealed Glass-Steagall, we allowed them to get into real estate, to get into insurance, to create these boutique-type investments, if I can say it that way. And we can see the problems the banks are in today.

I didn't vote for the bailout of the banks; I think the big ones should have failed, but that's history now. The

Congress did bail out the banks. And I think that if we are going to have a strong banking system, we must reinstate Glass-Steagall. And I want to thank my good friend—and she is my good friend—Marcy Kaptur from Ohio, for taking the lead, and I am glad to be one of the Republicans to join Marcy Kaptur.

There again, this is another issue, just like Afghanistan—the people watching this show should pick up the phone and call their Member of Congress, and tell him or her, “you need to get on the bill to reinstate Glass-Steagall.” I think you're right in your introduction—that the interest is growing, because we realize that the banking system needs to be curtailed. Swaps, derivatives, all these things: I

mean, it's not sound banking, that's the problem. We need to go back to sound banking in America.

Impeach Obama?

LPAC: Thank you for your active participation in championing this bill also, that we intend to get passed.

My last question for you is simply that, one of your colleagues recently, Ron Paul [R-Tex.], called for the impeachment of President Obama, for his recent order of the murder of al-Awlaki. Now, a lot of other people say that there are a plethora of other reasons why we could have called for the impeachment of Obama, prior to this. But just on this issue, would you care to comment?

Jones: Well, I will comment on this. Ron Paul is a very dear friend of mine; he's my choice for the President of the United States. But, he and I don't agree on everything. But let me clarify that. Ron is a true Constitutionalist....

I agree with Ron Paul on this: that every American citizen—bad or good!—has a right in the court system.... I have not researched the issue as deeply as he has. But again he believes in the Constitution, and he thinks every American citizen—you can be the worst person in the world, you can be Charles Manson—but you have a right in the court system. And that's Ron's position. And I do support that. American citizens should have [that right].

I don't know about the impeachment on this issue. But I do agree with Ron Paul that every citizen, bad or good, [should] have their day in court.

Pressure Builds on Obama and Holder

by William F. Wertz, Jr.

Oct. 8—Over the past week, a dramatic shift has occurred in which the removal of President Barack Obama from office, either through impeachment or by means of Section 4 of the 25th Amendment to the Constitution, has become an imminent possibility.

In a reflection of desperation, Obama, who learned practically everything he knows from convicted felon Tony Rezko, leapt to the defense of his Attorney General Eric Holder, on Oct. 6; and Eric Holder, undoubtedly mindful of the fate of Nixon Attorney General John Mitchell (convicted and imprisoned in connection with the Watergate affair), in a letter to Congress on Oct. 6, lashed out at Rep. Paul Gosar (R-Ariz.), who on the previous day, said of Operation Fast and Furious: “When you facilitate that, and a murder or a felony occurs, you’re called an accessory.”

Obama’s own speech was a bit reminiscent of Nixon’s “I am not a crook” comment, only in this case the unspoken message was, “I am not a murderer.”

Murder, of course, is not something new to Obama, as Anwar al-Awlaki would undoubtedly tell us if he were still alive. In this case, over 2,000 guns were allowed to walk into the hands of the Sinaloa Mexican drug cartel by agencies of the Obama Administration, knowing in advance that they would be used to kill people. If that is not accessory to murder, what is?

The grounds for Obama’s impeachment are multiplying daily. He continues to be in violation of the Constitution and the War Powers Act by conducting an ongoing war in Libya without Congressional authorization. He ordered and took credit for the assassination of two U.S. citizens in Yemen in violation of the First and Fifth Amendments to the Constitution.

At the same time, there are two Congressional investigations which threaten to topple Holder and thus weaken Obama. The investigations of those two cases—Operation Fast and Furious and Solyndra—are moving forward at a breathtaking speed.

Obama, whose political career was facilitated by convicted felon Tony Rezko, a man who has yet to be sentenced more than three years after his conviction, may soon suffer the same fate as his mentor, as his multiple crimes rapidly unravel. The only difference between Rezko and Obama is that Rezko has never murdered anyone, that we know of.

Fast and Furious

As we have previously reported, on Oct. 4, House Judiciary Committee chairman Lamar Smith (R-Tex.) called on President Obama to appoint a special counsel to investigate whether Holder lied to the House Oversight and Government Reform Committee about his knowledge of the Fast and Furious gunrunning operation, that put high-powered weapons in the hands of the Mexican Sinaloa drug cartel and resulted in the death of at least one U.S. Border Patrol agent, Brian Terry. Rep. Darrell Issa (R-Calif.), chairman of the House Oversight and Government Reform Committee, also stated that he believes a special prosecutor may be necessary.

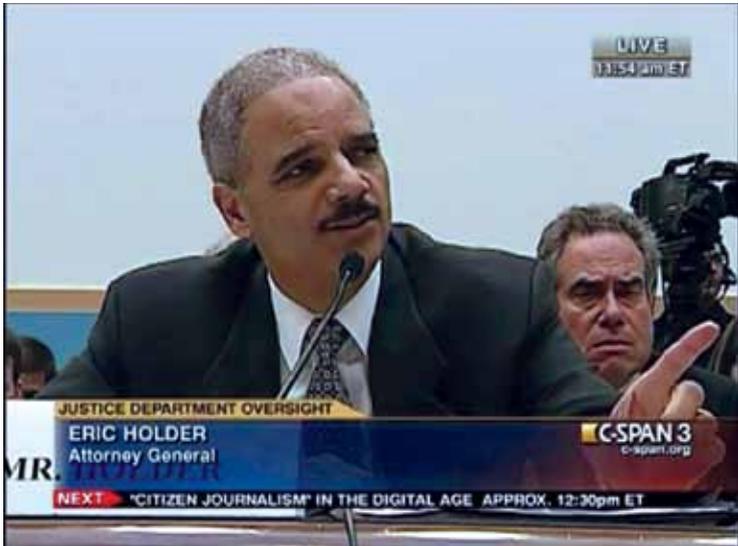
At issue is the fact that at a May 3 hearing, when asked when he first learned of the Fast and Furious program, Holder responded, “I’m not sure of the exact date, but I probably heard about Fast and Furious for the first time over the last few weeks.”

However, documents recently supplied to the committee reveal that Gary Grindler, the Deputy Attorney General during Fast and Furious, was briefed on the program in a meeting in March of 2010, and made handwritten notes on briefing materials. Grindler is now Holder’s chief of staff.

Documents also reveal that Holder was receiving National Drug Intelligence Center (NDIC) weekly updates in July 2010 that mentioned the program by name and gave information about the guns being trafficked to Mexico.

A series of e-mails written in October 2010 between Jason Weinstein, the Deputy Assistant Attorney General of DOJ’s Criminal Division, and James Trusty, the acting chief of the DOJ’s organized crime and gang section, reveals knowledge of the operation.

Additionally, a memo from November 2010 to Holder from Lanny Breuer, Assistant Attorney General for the Criminal Division, discussed the program. Breuer is also the DOJ official who played a prominent role in settling the case of Wachovia Bank with a slap on the wrist, after it was revealed that the Sinaloa cartel laundered drug money through Wachovia, with which it



CSPAN

Attorney General Eric Holder is now faced with two Congressional investigations, and calls for a special counsel to determine whether he lied to Congress. He is shown here testifying to a House Judiciary Committee hearing on Fast and Furious, May 3, 2011.

purchased airplanes and weapons.

Sen. Charles Grassley (R-Iowa), the ranking member of the Senate Judiciary Committee who has spearheaded the investigation along with Issa, pointed out that on Jan. 31, 2011, he personally handed Holder two letters about Fast and Furious. “Now, to find out he knew some pretty detailed information about the operation back in the summer of 2010, is troubling. In addition, the documents released last night showed several other people very high up in the Justice Department knew a great deal of information about Fast and Furious, including that guns were being walked.”

Sheriffs, Congress Demand Action

As a result, demands for an independent investigation are proliferating. On Oct. 7, ten Arizona sheriffs demanded an independent investigation of Fast and Furious, in a news conference in Phoenix. Noting that state law enforcement was never warned or included, despite the fact that the operation took place in their state, the sheriffs called for a special counsel to conduct an independent investigation outside the Department of Justice. The ten sheriffs include five Democrats and five Republicans, one of whom is the President of the Arizona Sheriffs Association.

Two Republican Congressmen, Idaho Rep. Raul Labrador and Texas Rep. Blake Farenthold, have called on Holder to quit. Farenthold said that resignation is

“the only honorable thing” for Holder. “There are two options: He was lying or he was not doing his job, keeping up with what the Justice Department was doing. I would probably resign if that came out, if I had done that.”

Labrador said that Holder has “lost all credibility and should step down immediately. He cannot avoid responsibility for his involvement with a government program that directly led to the tragic death of a decorated U.S. Border Patrol agent. The question now is if Mr. Holder is only protecting himself, or is he also protecting others—perhaps all the way to the top of the administration?”

Also, Sen. John McCain (R-Ariz.) told Fox News that he has been talking with other members of the Arizona Congressional delegation, including Sen. Jon Kyl (R), about Smith’s call for a special prosecutor. McCain said: “We are talking about it, and we will reach a decision in the next day or two. But frankly, I don’t get what part of the Congressman’s question that Eric Holder didn’t get when he said, ‘When did you first find out about this?’”

From Bush League to Obama

At stake in this case is not merely a burglary, as in the case of Watergate. It now emerges that Operation Fast and Furious, which began in 2009, was preceded by another gun-running operation known as Operation Wide Receiver, launched in 2006. The two operations, run by U.S. government agencies under DOJ supervision, have been supplying high-powered weapons to the Mexican Sinaloa drug cartel from at least 2006, first under President George Bush and now under President Obama.

As in the war against terror, it would appear that Obama has merely taken the work of his predecessor one step further.

On Oct. 5, Issa said, in response to calls by Democrats to investigate the Bush Administration: “We will in fact get to the bottom of whether or not this practice might have begun, in a smaller way, under the Bush watch. We’re not putting it past any administration and giving anyone a pass.”

The existence of these two programs, which provided weapons to the Sinaloa cartel for at least five years, tends to confirm the charges made in pretrial motions by Jesus Vicente Zambada Niebla, the son of



White House video

The Solyndra scandal, involving questionable loans to the solar-panel manufacturing plant, is also threatening to engulf the Obama Administration. Here, President Obama visits the plant in Fremont, Calif., May 25, 2011.

the second-in-command of the cartel, who is now in jail in Chicago, the hometown of Obama and Rezko. His court filings raise the question of whether Operations Wide Receiver and Fast and Furious may be part of a broader plan, which no one on the Issa Committee has yet raised publicly. Zambada Niebla, who was the head of logistics for the cartel, claims that the cartel leadership was given immunity by U.S. government agencies in exchange for information about other Mexican cartels, and that Fast and Furious was part of the agreement.

The U.S. government has denied that he was granted immunity as a U.S. informant, but has admitted that the lawyer for the cartel, Humberto Loya Castro, has had a cooperation agreement with the U.S. government since 1998, and that an indictment against him in San Diego was dismissed as part of the agreement.

Now the U.S. government is attempting to block Zambada Niebla from gaining access to any government documents which might prove that he was a government agent. In a court submission on Oct. 3, the government argued:

“Even if an intelligence official had done so [offered Zambada Niebla immunity] officials of the CIA or any other intelligence agency of the United States do not have the authority to authorize conduct which would violate the Constitution or statutes of the United States, including federal narcotics laws. . . . Because all U.S. intelligence agencies lacked the authority to grant defen-

dant immunity or public authority to traffic enormous volumes of cocaine and heroin into the United States, defendant cannot support his allegations of being granted immunity with discovery evidence from such agencies. . . .”

Obviously, such an agreement would be illegal, but it would not be the first time that the Obama Administration has violated the Constitution, or laws against premeditated murder, as evidenced by the military action against Libya, or the execution of U.S. citizen Anwar al-Awlaki.

In the Fast and Furious case alone, the guns provided to the Sinaloa cartel have been found at no fewer than 11 crime scenes in the U.S. Hundreds, if not thousands, of Mexicans have been killed with these weapons, in addition to U.S. Border Patrol agent Brian Terry.

CBS reporter Sharyl Attkisson reported that the gun-walking policy of the Obama Administration is not limited to Arizona: “We have found allegations of gun-walking in at least 10 cities in five states, so this apparently was not isolated in Arizona.”

The Obama Administration cover-up of this operation not only involves the Attorney General and other DOJ officials, but also the White House itself. On Sept. 31, e-mails were also provided to the House Oversight and Government Reform Committee, which relate the involvement of White House staff in Fast and Furious. The committee wanted to question former White House National Security Advisor Kevin O’Reilly, who received e-mails from ATF special agent William Newell on Fast and Furious, but he was sent out of the country on a State Department mission to Iraq before that could be done.

Issa has indicated there will soon be a joint hearing of the House Judiciary Committee and the House Oversight and Government Reform Committee, and that among the witnesses to be called will be Eric Holder, Lanny Breuer, and former U.S. Attorney in Arizona, Dennis Burke.

Solyndra Scandal Escalating

The Obama Administration's problems are not, however, limited to Operation Fast and Furious. At the same time, the Solyndra scandal, involving a solar panel manufacturing plant in Fremont, Calif., which had received loans from the Obama Administration, and then went bankrupt, is also escalating, and the targets are ultimately the same—Barack Obama and Eric Holder.

- On Oct. 5, the House Energy Committee wrote to the White House asking for all White House e-mails, including the President's e-mails related to Solyndra. This is the first time Presidential e-mails have ever been requested by Congress. "Nearly eight months into our investigation, documents provided to the Committee last Friday confirm those closest to the President—top advisors like Valerie Jarrett, Larry Summers, and Ron Klain—had direct involvement in the Solyndra mess," said Oversight and Investigations Subcommittee chairman Cliff Stearns (R-Fla.).

- An assistant Treasury secretary said her agency warned DOE that its lawyers believed that, in the case of Solyndra's bankruptcy, the law prohibits putting tax-

payers behind any other creditors. "In February we requested in writing that DOE seek the Department of Justice's approval of any proposed restructuring," Mary Miller, assistant secretary, wrote in an Aug. 17, 2011, memo to Office of Management and Budget deputy chief Jeffrey Zients. "To our knowledge that never happened." This would indicate that the law was explicitly broken, either through an act of omission or commission on the part of Holder's Justice Department.

- Records also show that Steve Spinner, a DOE loan program advisor who had served as an Obama fundraiser in 2008, violated an ethics agreement in promoting the Solyndra loan under pressure from Obama. Spinner was married to a partner at the law firm of Wilson Sonsini, which was representing Solyndra. He signed an ethics agreement in which he said he would not engage in negotiations about the loan or loan terms for the company. Days after the signing the ethics agreement, he sent e-mails saying: "I have the Office of the Vice President and the White House breathing down my neck on this." He also corresponded directly with Solyndra's vice president of marketing and business development.

Seven Necessary Steps for Global Economic Recovery

A 40-minute feature video presenting Lyndon LaRouche's Emergency Program to End the Global Depression

<http://larouchepac.com/node/19282>



1. FORCED RESIGNATION OF BARACK OBAMA & IMMEDIATE PASSAGE OF GLASS-STEAGALL



3. FOR LACK OF REAL ASSETS REMAINING, ISSUE HAMILTONIAN CREDIT FOR NATIONAL PROJECTS



5. IMMEDIATE NATIONAL MOBILIZATION FOR THE CONSTRUCTION OF THE NAWAPA PROJECT



6. ENGAGE LATENT LABOR FORCE FOR SUBSIDIARY PROJECTS SUCH AS TRANSPORT AND NUCLEAR



2. DIVISION OF FICTITIOUS FROM REAL LIABILITIES ACCORDING TO GLASS-STEAGALL STANDARD



4. THE ONLY BAILOUTS WILL BE HONEST BAILOUTS FOR THE BANKRUPT CITIES AND THE STATES



7. EXTEND COOPERATION INTERNATIONALLY TO MEXICO, CANADA, RUSSIA, CHINA AND OTHERS

Global Banking System Blows Apart in Hobbesian Warfare

by John Hoefle

Oct. 8—In his July 25, 2007 webcast, Lyndon LaRouche declared that the global financial system had died, and could not be revived. We were all headed for Hell, LaRouche warned, unless the world rejected the British Empire and its monetary system, and implemented an American-style credit system. The financial oligarchy will try to salvage its system, he warned, but the effort will fail.

Now, four years later, after trillions of dollars (and euros)

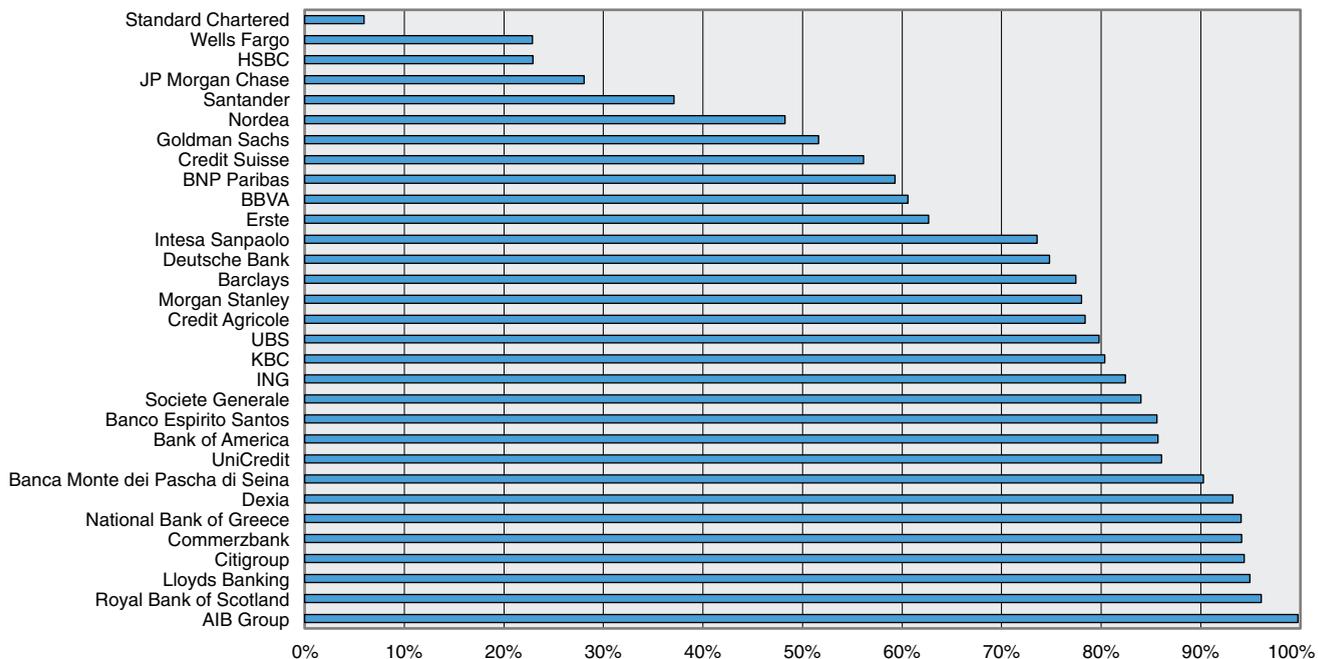
of bailouts, and endless lies about recovery, the bankers and government ministers are back in their emergency meetings, rumors are flying, and panic is in the air.

They should have listened to LaRouche.

Meltdown

One consequence of the failure to heed LaRouche’s warning can be seen in the dramatic erosion of the share prices of the big global banks (**Figure 1**). Of the 31

FIGURE 1
Banking System Meltdown
Declines in stock prices since July 25, 2007



Source: Federal Reserve

major banks we examined, eight have seen their share prices fall 90% or more, since LaRouche's July 2007 webcast. That group includes the Royal Bank of Scotland, RBS, (-96%) which, before the crisis, was the largest bank in the world by assets; its British peer Lloyds Banking (-95%); Citigroup (-94%); the ancient and powerful Banca Monte dei Pascha di Siena (-90%); and others. Fully half of that group—AIB (-99.8%), RBS, Commerzbank (-94%), and the National Bank of Greece (-94%)—are members of the Inter-Alpha Group, and four more Inter-Alpha banks—Banco Espírito Santos (-86%), Société Générale (-84%), ING (-82%), and KBC (-80%)—registered declines in the 80th percentile. The remaining three Inter-Alpha banks—Intesa Sanpaolo (-74%), Nordea (-48%), and Banco Santander (-37%)—also made the list, as did two former Inter-Alpha banks, Erste (-63%) and BBVA (-61%).

The U.S.-domiciled banks fared a bit better than their European counterparts. Citigroup led the plunge, followed by Bank of America (-86%), Morgan Stanley (-78%), Goldman Sachs (-52%), JPMorgan Chase (-28%), and Wells Fargo (-23%).

Nearly all, if not all, of the banks on the list have received substantial financial support and regulatory protection from their respective governments, and from the European Central Bank and the Federal Reserve. The Fed, we should add, provided billions of dollars to European-based banks, in addition to what it gave to U.S.-based institutions.

It was all money down the rathole, as should be blindingly obvious. A number of these banks are now owned by their governments, and the rest are effectively wards of the state. Whatever profits were made have long disappeared, leaving the national governments with the corpses, and the losses.

Without Glass-Steagall

While the big banks were going broke, they were also getting bigger. The U.S. banking system is now dominated by four giant banks, which control roughly half of the bank assets in the country **Table 1**. The two biggest, Bank of America and JPMorgan Chase, each have over \$2 trillion in assets, with Citigroup not far behind. All together, the top four have \$7.7 trillion in assets.

Compare that to the situation at the end of 1999, the year Glass-Steagall was repealed. The top four banks in

TABLE 1
Top 25 U.S. Banking Companies

(\$ Billions)

Rank	Holding Company	Location	Assets
1	Bank of America Corp.	Charlotte, NC	2,264
2	JP Morgan Chase & Co.	New York, NY	2,247
3	Citigroup	New York, NY	1,957
4	Wells Fargo & Co.	San Francisco, CA	1,260
5	Goldman Sachs Group	New York, NY	937
6	Morgan Stanley	New York, NY	831
7	MetLife	New York, NY	771
8	Taunus Corp.	New York, NY	412
9	HSBC North America Holdings	New York, NY	366
10	U.S. Bancorp	Minneapolis, MN	321
11	Bank of New York Mellon Corp.	New York, NY	305
12	PNC Financial Services Group	Pittsburgh, PA	263
13	Capital One Financial Corp.	McLean, VA	200
14	TD Bank U.S. Holding Co.	Portland, ME	190
15	State Street Corp.	Boston, MA	189
16	Ally Financial	Detroit, MI	179
17	SunTrust Banks	Atlanta, GA	172
18	BB&T Corp.	Winston-Salem, NC	159
19	American Express Co.	New York, NY	147
20	Citizens Financial Group	Providence, RI	132
21	Regions Financial Corp.	Birmingham, AL	131
22	Fifth Third Bancorp	Cincinnati, OH	111
23	Northern Trust Corp.	Chicago, IL	97
24	Keycorp	Cleveland, OH	89
25	RBC USA Holdco Corp.	New York, NY	85

Source: Federal Reserve

1999 had \$2.0 trillion in combined assets, and that was already a dangerous concentration.

The table of the top 25 U.S. banking companies is a testament to the criminal stupidity of repealing Glass-Steagall. Goldman Sachs, Morgan Stanley, and MetLife—two investment banks and an insurance company—are now in the top ten, thanks to the Fed's decision to let them become banks. At the time, it was stated explicitly that the move would not only allow these new "banks" to qualify for additional bailout facilities, but would also let them tap their customers' deposits to fund their speculation—precisely the activity Glass-Steagall outlawed.

Table 1 also shows the extent to which foreign banks have entered the U.S. market. HSBC North America is the U.S. arm of HSBC, née Hongkong and Shanghai Bank, the world's leading dope bank. Taunus, which

contains the remnants of Bankers Trust, is owned by Deutsche Bank. TD Bank is the U.S. arm of Canada's Toronto-Dominion Bank, while RBC USA belongs to the Royal Bank of Canada. Citizens Financial is owned by the Royal Bank of Scotland.

As these banks become bigger and more global in scope, they have less and less allegiance to their nations of origin, and more and more allegiance to the global monetary system run by the British Empire. To view them as American banks, or French banks, or German banks, is to miss the point. They are imperial banks, creatures of the empire, imperial parasites infesting the nations in which they operate. And they are sucking us dry.

Hyperinflation

The leading edge of hyperinflation in the world today is in the derivatives markets. It was the seizing up of the derivatives markets in 2007 that LaRouche recognized as a sign the game was over. The so-called subprime crisis, as we have repeatedly indicated, was actually a derivatives crisis. LaRouche called for the derivatives market to be shut down as a matter of national security. Since doing so would effectively shut down their predatory financial system, the bankers declined. Instead, beginning in December of 2007, and escalating in September 2008, they chose the bailout, and more derivatives.

As of June 30, 2007, the quarter before LaRouche's webcast, the top ten U.S. derivatives banks held a total of \$159 trillion in derivatives, against \$7.9 trillion in assets (Table 2). As of the end of the second quarter of this year, four years later, the top ten banks held \$330 trillion in derivatives, against \$10.8 trillion in assets. That is, the notional value of derivatives had more than doubled, while the assets rose by 36%. All told, U.S. bank companies now hold some \$333 trillion in derivatives. Ten years ago, it was \$43 trillion.

The 2011 list also shows the effects of the repeal of Glass-Steagall, with Morgan Stanley (\$56 trillion) and Goldman Sachs (\$53 trillion) on the list, and the derivatives of Merrill Lynch adding to the total of its parent, Bank of America.

The obvious point is that the U.S. banking system is far more of a casino than it was when Glass-Steagall was repealed in 1999, and more of a casino than when LaRouche declared the system dead in 2007. Instead of swallowing their losses and putting the imperial monetary system through bankruptcy proceedings, the bank-

TABLE 2
Top U.S. Derivatives Bank Holding Companies
(\$ Billions)

June 30, 2007			
Rank	Holding Company	Assets	Derivatives
1	JP Morgan Chase & Co.	1,458	80,388
2	Citigroup Inc.	2,221	34,865
3	Bank of America Corporation	1,536	30,341
4	Wachovia Corporation	720	5,154
5	HSBC North America Holdings Inc.	484	4,405
6	Taunus Corporation	579	1,211
7	Bank of New York Company, Inc.	126	953
8	Wells Fargo & Company	540	830
9	State Street Corporation	112	619
10	PNC Financial Services Group, Inc.	126	216
Total		7,902	158,983

June 30, 2011			
Rank	Holding Company	Assets	Derivatives
1	JP Morgan Chase & Co.	2,247	78,977
2	Bank of America Corporation	2,264	74,811
3	Morgan Stanley	831	56,402
4	Citigroup Inc.	1,957	55,186
5	Goldman Sachs Group, Inc.	937	53,405
6	HSBC North America Holdings Inc.	366	3,905
7	Wells Fargo & Company	1,260	3,663
8	Bank of New York Mellon Corporation	305	1,424
9	State Street Corporation	189	1,361
10	Taunus Corporation	412	974
Total		10,768	330,107

Source: Office of the Comptroller of the Currency

ers and their captive governments played "double or nothing." They lost. We all lost.

The Feckless Fed

As a result of the bailout, the Federal Reserve turned itself into the world's largest and most bankrupt hedge fund Table 3. Between LaRouche's 2007 webcast and last week, the Fed became a dumping ground for worthless assets, taking in all sorts of toxic paper in exchange for loans. According to the Fed's own statistics, the central bank increased its holdings of securities by a whopping \$2.7 trillion, including adding \$881 billion in Treasury securities and \$871 billion in mortgage-backed securities. Total assets rose over \$2 trillion, a

TABLE 3

The Fed's Bloated Balance Sheet

(\$ Billions)

Item	July 25, 2007	Oct. 5, 2011	Change	Change %
Securities Held Outright	791	2,651	+1,860	235%
U.S. Treasury Securities	791	1,672	+881	111%
Mortgage-Backed Securities	0	871	+871	n/a
Total Assets	902	2,903	+2,002	222%
Total Capital	33	52	+19	57%

Source: Federal Reserve

222% increase, while total capital rose just \$19 billion (57%). The Fed increased its leverage from 26 to 55 over that period.

These are the official numbers, and given the level of lying by the Fed, there is no reason to believe them. But even if they are accurate, there are questions to be answered. We know the Fed has given billions of dollars of aid to foreign banks, and we know the Fed has provided billions of dollars to the European Central Bank and others to pass out as loans. The actions of the Fed strongly suggest that the Fed has taken upon itself the role of lender of last resort for the entire global financial system. That is, the Fed has illegally committed the United States, and its taxpayers, to cover the speculative gambling debts of banks and investors all over the world.

The actions of Treasury Secretary Tim Geithner in September in Europe, where he advocated a "Euro TARP" bailout program based on the "TALF" (Term Asset-Backed Securities Lending Facility), show the mindset. The TALF used \$20 billion from Treasury to back up to \$200 billion in loans from the Fed, to fund purchases of commercial mortgage-backed securities, and securities backed by credit cards, student loans, and the like. The TALF loans were structured in such a way that if the buyers did not make a profit on their securities, they could give them to the Fed, in lieu of repaying the loan. It was, in effect, free money, and even the wives of Wall Street executives got in on the act.

The Fed has provided free money to the banks in other ways, such as making loans for them to buy Treasuries at near-zero interest rates. The move helps keep the Treasury market liquid, and lets the banks pocket the difference between what they pay for the loans and the interest the government pays them on the Treasur-

ies. It's a sweet deal for the banks, and another rip-off of the taxpayers.

Bailing Out Derivatives

The TALF swindle is typical of the derivatives-like structures used to fund the bailouts in the U.S. and Europe. The bailouts are, in effect, derivatives, and are worth no more than the derivatives deals they are trying to save.

The nature of the system would be almost comical, were it not so deadly. The banks engage in such obscene speculation that they blow up the world, and then they demand that the governments bail them out. It's a circular system, in which the governments borrow money from the markets, and use that money to bail out the markets, giving the markets the money to make additional loans to the governments. With each round, the total debt increases, making the situation even worse.

The bailout is a scam, using the techniques of the derivatives market to roll over unpayable debt, keeping up the appearance of life in the dead system, while the British Empire sets up the system's replacement: a genocidal global dictatorship. Since they plan to kill us anyway, they might as well steal us blind in the meantime.

While the bankers play Satan with humanity, the effects on the population are horrendous. The gut-wrenching austerity being imposed upon Greece is but the leading edge of what is planned for all of mankind. Take a look at some of the physical indicators in the U.S.:

- **Food Aid:** At the time of LaRouche's July 2007 webcast, over 26 million Americans were receiving food aid under the Federal Supplemental Nutrition Assistance Program (SNAP). By July 2011, that number had soared 70%, to 45 million.

- **Poverty:** In 2007, some 37 million Americans were living below the official poverty level. By 2010, that number had increased 24% to 46 million, meaning that another 9 million people had fallen into poverty.

- **Health Insurance:** In 2007, 44 million Americans were without health insurance. By 2010, another 6 million had lost coverage, bringing the total to 50 million.

We are being slowly killed by the British Empire and its financiers, and the rate of death is accelerating. How many people have to die before we wake up and put a stop to this monstrosity?

Give Humanity Credit

The only alternative to this deliberate genocide is to use the power of sovereign nation-states to break the power of the British Empire. The way to do this has been made clear by LaRouche. Dump Obama. Reinstate Glass-Steagall. Form an alliance with Russia and China to put the imperial monetary system through bankruptcy, return to the American-style credit system, and begin rebuilding physical productivity through Great Projects like NAWAPA. Cure the disease, then rehabilitate the patient.

Forget any idea that the current financial system can be saved, and don't be trapped into holding on to it to save your own money. Not only are your investments gone, but so are your pensions. The bankers have already stolen the money, and are using the illusion that it still exists to keep you in their trap.

The only way out of this mess is to rid the planet of oligarchism, and build a real economy based upon human progress and creativity. Put the 'garchs in a zoo where they belong, and let's show the galaxy what humanity can do!

LaRouche's 2007 HBPA

What Should Have Been Done

by Paul Gallagher

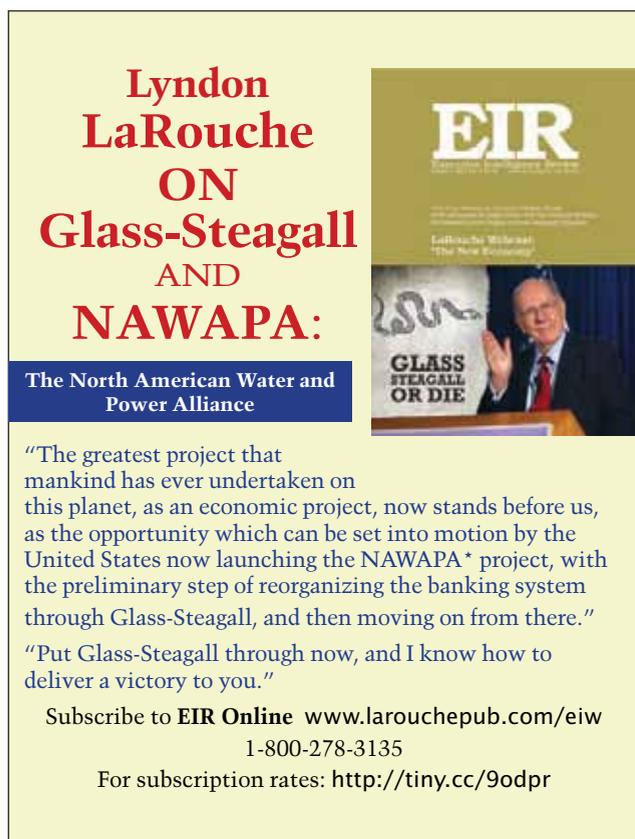
Oct. 8—No act of Wall Street economic sabotage has had more dire effects since the 2007-08 crash, than the blocking of economist and statesman Lyndon LaRouche's "Homeowners and Bank Protection Act of 2007" (HBPA: see below). The loss of what may easily become 10 million homes, \$6 trillion in family wealth, \$5,000/year in average real income of American families, and 12 million jobs could have been prevented, if LaRouche's proposal had not been blocked in the Congress by Wall Street acting through Rep. Barney Frank (D-Mass.).

LaRouche used the occasion of a webcast on July 25, 2007 to announce, with complete and imminent accuracy, that the trans-Atlantic nations' banking and financial system was blowing up. A month later, as the first bank and hedge fund failures were hitting the United States, Germany, and Ireland, and a sudden food price hyperinflation was underway, LaRouche, on Aug. 31, 2007, made a brief but historic statement on the needed emergency response: his proposed HBPA.

The HBPA, LaRouche said, "means that no householder, under Federal protection, will be evicted from their home, and that no bank, or chartered bank, whether a Federal bank or a state-chartered bank, will be closed down. That does mean also, that there is no possibility of tolerating putting valuable resources to bail out any other irregular financial institution. *The hedge funds must go.* The sooner they're gone, the sooner they're bankrupted, they're eliminated, the better off we're all going to be.

"Because we're going to have to rebuild this economy, including the physical economy. We're going to get back our industries. We're going to get back our agriculture. We're going to get back our infrastructure. We're going to get back dignity, and we're going to take our position of respected leadership among a community of nations in the world. And that's what we have to do.

"No funny stuff, no tricks, no games. Back to basics. *Think like FDR.* Act immediately in the month of Sep-



Lyndon LaRouche
ON
Glass-Steagall
AND
NAWAPA:
The North American Water and Power Alliance

EIR
LaRouche Warned:
The New Economy
GLASS STEAGALL OR DIE

"The greatest project that mankind has ever undertaken on this planet, as an economic project, now stands before us, as the opportunity which can be set into motion by the United States now launching the NAWAPA* project, with the preliminary step of reorganizing the banking system through Glass-Steagall, and then moving on from there."
"Put Glass-Steagall through now, and I know how to deliver a victory to you."

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Had LaRouche's HBPA been adopted, millions of Americans who lost their homes would have been protected, and the U.S. economy would have begun to climb out of the cavern into which it plunged in 2007-08. Here, LaRouche organizers in Philadelphia, September 2008.

tember. Get the Congress to pass this kind of legislation, which creates a firewall of protection of every essential chartered bank, chartered on the state or Federal level. No matter what their problems are financially, we're going to keep their doors open. And we're going to give them Federal protection.

"We're going to give Federal protection to all householders, who are threatened with eviction. They're not going to be evicted. The states will help the Federal government do that. That is, the states will be the administrative arm, which locates the people who need the protection, and makes sure they're protected. But the states will act, through the Governor's office, on the basis of the support of Federal law. That's the way to do the job."

A National Emergency

The HBPA combined a national foreclosures freeze with the kind of swift national purging and reorganization of commercial banks carried out by President Franklin Roosevelt in the opening days of his Presidency (the "Bank Holiday"). Its replacement of inflated and unpayable mortgage payments with rent-equivalents, was also tried and tested by states and was successful during the Great Depression. The HPBA provided that all foreclosures and all securitization and sale of mortgages be frozen on the basis of economic emergency while the plunge in housing values continued; that homeowners with distressed mortgages pay fair-market equivalent rent to the banks, overseen by the states, as they had in the 1930s foreclosure moratoria; and that the banks be reorganized by the writing-off of their toxic mortgage securities, financial derivatives, etc., under Federal protection.

Every measure proposed to deal with the so-called "mortgage crisis" since LaRouche's August 2007 action has been an imitation of one or another *part* of his proposed legislative solution. But as LaRouche insisted then, the *whole* package of actions had to be taken at once:

"Our immediate concern must be to save the United States from being destroyed, and that is really a possibility, by what is now oncoming. *This is the greatest financial collapse*, of a form similar to what happened in Germany in 1923, that we have known in living history of our time. In my time, as well as yours. However, we can handle this problem. It requires mobilization of the Congress, to take an action which will create the equivalent of a firewall against the destruction of essential economy, and of the lives of our people. That can be done. It must be done by the Congress, within the month of September."

When LaRouche issued that statement, Fed chairman Ben Bernanke and Treasury Secretary Hank Paulson, along with most economists, were still insisting that the "sub-prime mortgage problem," as they foolishly called it, was "contained." Bear Stearns' collapse was still six months away; Fannie Mae's nationalization ten months away; Lehman's and AIG's bankruptcies a year in the future.

LaRouche's proposal immediately gathered broad support—from the city councils of over 200 American

cities large and small; from the legislatures of nine states; and from scores of labor and constituency organizations, all of which demanded its passage. When it was blocked on Wall Street orders to Congressional leaders, all chance of effectiveness of the “partial solutions” proposed later (and still being proposed today!) vanished.

“The guy who was used by the forces behind Bernanke to sabotage the Homeowners and Bank Protection Act,” LaRouche said recently, “was Barney Frank.”

- In September and November 2007, LPAC representatives had lengthy meetings with senior aides to Frank—supposedly the “economic expert” of the Congress—to brief them on the financial collapse underway and the HBPA solution. Frank’s aides flatly insisted that there was “nothing systemic going on,” that a mere subprime mortgage crisis was underway, and that no foreclosure moratorium, mortgage securities write-down, or bank reorganization such as LaRouche proposed was needed.

- In October 2007, a LaRouche Youth Movement leader in Boston, where LaRouche Democrat Rachel Brown is now challenging Frank for his Congressional seat, talked to Barney at a town meeting about the HBPA, and was told, “Your boss [LaRouche] is wrong. It’s not a systemic crisis.”

- In December 2007, the chairman of one of the key subcommittees of Frank’s Financial Services Committee, Rep. Paul Kanjorski (D-Pa.), came out against LaRouche’s HBPA, and said he had been talking about it to Barney and to George Soros, who had warned him that it would decimate the entire \$60 trillion credit default derivatives market.

- In January 2008, by which time hundreds of state legislatures and city councils across the country had voted to demand HBPA from the Congress, Frank gave a political talk at Goucher College in Maryland. When an LPAC representative raised the HBPA, Barney said it was “completely unconstitutional,” and that he would “be acting to make sure that it is not put forward in the Congress.” Barney said that the “right to foreclose” had Constitutional protection! Also at that time, Sen. Charles Schumer (D-N.Y.), asked about HBPA in an event in Washington, D.C., repeated the claim that “the Constitution doesn’t allow a halting of all foreclosures.”

- In late July 2008, having just gotten through the House the Dodd-Frank massive mortgage bailout known as the nationalization of Fannie Mae and Fred-

die Mac, Frank told his committee, “Another [way] would have been an effort to legislatively say ‘no’ to foreclosures. Some advocate that [only LaRouchePAC and its backers in localities around the country had proposed it], but I think it has Constitutional problems. I think it also has problems in how you discriminate which foreclosures should go forward and which shouldn’t.”

Some 8.5 million home foreclosures have “gone forward” since then, with Barney’s protection—including a nationally high level of foreclosures in his own Massachusetts Congressional District.

- During the course of Fall 2008, Frank drafted and got passed “mortgage modification” legislation in the House, his direct counter to the HPBA legislation he had kept out of the Congress. Early in the process, the *Washington Post* of July 29 exposed that the draft design for Barney’s bill had been done at Credit Suisse bank. This legislation, whose name and conditions kept changing, but was eventually, officially, called the Help for Homeowners Act of 2008, was a complete—intentional?—failure. By the Spring of 2009 it had modified a grand total of 41 mortgages nationwide while 600,000 households had quickly lost their homes; Frank himself then admitted it was a failure and instead backed President Obama’s Home Affordable Mortgage Program (HAMP). That program has been declared a failure at stopping foreclosures by every committee or agency that has studied its effects.

Once “Bailout Barney” had done that work, Wall Street and the “big six” banks knew they had the power to command unlimited bailouts, to stop every “mortgage reform,” and to block every criminal or serious civil penalty against them—often using the Wall Street and British pawn President Barack Obama directly.

The Consequences

The most obvious result of this blocking of LaRouche’s 2007 breakthrough, is that the foreclosure wave which had arisen in 2007, has become an unending tsunami, creating social chaos and (open or disguised) homelessness in neighborhoods across the United States.

Some 8.5 million homeowners have had foreclosures filed against them since “Bailout Barney” finally killed the HBPA in early 2008. About 5 million households have actually lost their homes to repossession since 2006, and a million more to “short sales” and other forms of “self-foreclosure.” The grim tide of re-



Some 8.5 million home foreclosures have gone through since 2008, with millions more in the pipeline, thanks, in large part, to Rep. Barney Frank, who blocked LaRouche's HBPA in Congress.

possessions continues at 800,000-1 million a year. The foreclosure plague is still growing. There are another 2.15 million homes in foreclosure now. But the Mortgage Bankers Association reports that—due to economic collapse and mass unemployment—there are 11 million homes “underwater” (with mortgage debt greater than the home’s stated value) and 6.35 million homeowners delinquent on their mortgages, representing about 15% of all mortgaged homes in the country.

But it also indicates how reluctant the banks have become to pursue repossessions of homes they will be unable to sell. A full 2 million “overdue” foreclosure filings are being pushed off to next year or beyond, perpetuating the mass foreclosure inventory.

Thus, the toll of the foreclosure crisis that began in 2006, may easily reach 10 million lost homes. Homeownership in the United States has dropped from 69% of households to 65% in four years, the first time it has

fallen since FDR’s Homeowners Loan Corp. created urban and suburban homeownership in the 1930s.

The cost of renting, meanwhile, has risen rapidly. Fair-market rent equivalent (as published by the Department of Housing and Urban Development) in 2007, when LaRouche proposed the HBPA, was just 60% of the average monthly mortgage payment for the same size home in the same location. In August 2011, the two were approximately the same amount.

LaRouche and those advising him on the HBPA in mid-2007 were the first to see that collapsing home values would create an unstoppable tsunami of home foreclosures unless this was stopped by national emergency legislation. Once that tsunami boiled up in late 2007, a vicious cycle set in: Mass foreclosure repossessions and sales drove down home values faster and faster, which drove the higher and higher wave of foreclosures. By now, \$6 trillion of what American families thought was “their household wealth” is gone, along with 6 million of their homes, and the grim process continues.

Ironically, mortgage banks themselves have been hit hard by the blocking of LaRouche’s emergency law, which they took part in (the American Bankers Association publicly opposed the HBPA). Mortgage lenders have had to hold off repossessing homes because they can’t sell them except at a great loss, and because their

widespread mortgage frauds were exposed in the Fall of 2010. So the time elapsing from mortgage delinquency—when the household stops making monthly payments—to foreclosure proceedings, is nearing two years *as a national average*. Many desperate families, struck by loss of employment and wages, have made ends meet by abandoning their biggest monthly bill—the mortgage payment.

LaRouche’s HBPA specified that these banks receive rent-equivalent payments from millions of households, under state administration of those fair rent values, as a means of replenishing bank capital. Instead, in today’s economic and social breakdown, for several million homes the banks are receiving no income at all, and many haven’t for years.

Now two studies show that the mass foreclosure wave is causing many deaths and, like homelessness in general, lowering life expectancy. “Foreclosures

Are Killing Us,” headlined a *New York Times* report of the University of Pennsylvania/Johns Hopkins and National Bureau of Economic Research (NBER) studies.

One-third of the surveyed homeowners undergoing foreclosure had symptoms of “major depression.” For every 100 foreclosures in high-foreclosure neighborhoods—and these emphatically include major sections of Barney Frank’s eastern Massachusetts Congressional District—there was a 12% jump in emergency room visits and hospitalizations. For *each* 100 foreclosures, there is a 7.2% increase in hypertension-related hospitalizations, and an 8.1% increase in diabetes-related hospitalizations among adults aged 20-49.

The NBER researchers also surveyed foreclosure “counselors” and anti-foreclosure activists, and found that 37% of them have found themselves working with homeowners contemplating suicide.

And those who suffer foreclosure and then become homeless, either immediately or after intermediate “arrangements,” have a life expectancy 10 years lower than the national average, as previous studies have shown.

Against all these staggering home foreclosure totals and effects, the HAMP program, announced with fanfare by Obama on Feb. 17, 2009, has resulted in “ongoing” (i.e., not already failed) mortgage modifications in 670,000 cases—not the 4 million homeowners Obama promised it would help. HAMP’s miserable failure has been repeatedly excoriated by Neil Barofsky, the Inspector General of the TARP bank bailout which paid for HAMP. The failure, in fact, was deliberate; it kept large number of underwater, over-mortgaged homeowners paying their mortgages for an extra 6-8 months before they gave up, defaulted, and were foreclosed. A deal crafted by Wall Street, for Wall Street.

“Obviously, the foreclosure mitigation programs do not work very well,” said Frank on July 1, 2011—the main Congressional author of those foreclosure mitigation programs.

The Banks

In the wake of LaRouche’s national address of Sept. 1, 2007 on the HPBA emergency proposal, financial market collapses and bailouts began, which would have been stopped immediately had Congress acted. Americans and Europeans suddenly heard the ominous names of “structured debt securities” such as asset-backed se-

curities and “special vehicles” such as collateralized debt obligations.

But these were all *financial derivatives contracts*, ultimately financed by banks, which had exploded from a few trillions, to *more than \$1 quadrillion in nominal “value,”* 30 times global GDP, since the gutting and repeal of the Glass-Steagall Act in the 1990s. Large volumes of these securitized debt derivatives were based on real estate debt—mortgages—whose values they had wildly inflated. But there were many other varieties of this speculation which had been used to drive the average large bank’s “leverage ratio” (debt assets to capital) from a historic range of 12-16:1, up to the range of 35:1 by 2007.

Look at the HBPA: It is precisely those hyper-leveraged debt securities—then in the process of being exposed as worth very little on the books of financial firms—which LaRouche’s emergency proposed action would have written down, or written off, in a rapid, Federally protected “bankruptcy reorganization” of the commercial banks. This would have to have been followed by issuance of recovery credits into productive economic projects through the reorganized banking system, in the United States and in cooperation with other major nations.

Instead, as parts of these derivatives markets froze up in late 2007 and early 2008, and as Congressional action was blocked on LaRouche’s proposal, the bailouts began. The Federal Reserve repeatedly opened more and more “special lending facilities” and poured hundreds of billions of dollars into these dying securities markets through the banks—European as well as U.S.-based banks. When municipal bond markets went haywire in early 2008 due to the freeze-up of interest-rate derivatives that banks had sold to states and cities, more Fed lending facilities were opened, even as municipalities suddenly found the interest they were paying on their bonds doubled, tripled, or worse.

When some Congressmen considered moving in early 2008 against Frank’s blockade of the HBPA, one of them reported being called by Wall Street bankers and by George Soros, who threatened that enacting anything like LaRouche’s proposal would result in the entire \$60 trillion credit default swaps market suddenly collapsing. Some insurance companies active in this market—so-called “monolines”—were bailed out by banks, which in turn were borrowing huge sums from the Fed.

In the United States, home foreclosures surged. So many mortgage companies went bankrupt that they were counted on a popular “implodometer,” and the growth of employment ground to a halt. In Britain and Europe, mortgage-based banks failed with bailouts and nationalizations.

In June 2008, LaRouche reissued and circulated the “Homeowners and Bank Protection Act of 2008,” now with a preamble that explicitly stated that Congress had sabotaged action on the 2007 proposal, bringing on bailouts and an economic collapse. More and more cities and legislatures, including that of New York State, called on Congress to pass it.

But instead, Congress, under extreme pressure from the Bush White House and Treasury, nationalized the giant mortgage companies Fannie Mae and Freddie Mac in July, and committed \$300 billion in bailout funds to them—to keep buying worthless mortgage debt securities from the banks at full face value with taxpayer funds. (Obama Treasury Secretary Tim Geithner later decided that this bailout was “unlimited.”) The Fannie-Freddie bailout was rammed through the House by—Barney Frank; LaRouche issued a national pamphlet denouncing it as “tantamount to treason.”

In September 2007, George Soros’s \$60 trillion credit default swaps market ironically went into disorderly collapse with those of Lehman Brothers and AIG, because of the *failure to have enacted LaRouche’s HPBA* against which Soros had threatened. The \$800 billion TARP bank bailout was painfully bludgeoned through Congress against overwhelming and manifest public opposition, and the FDIC was pulled into a parallel bailout of money-market funds.

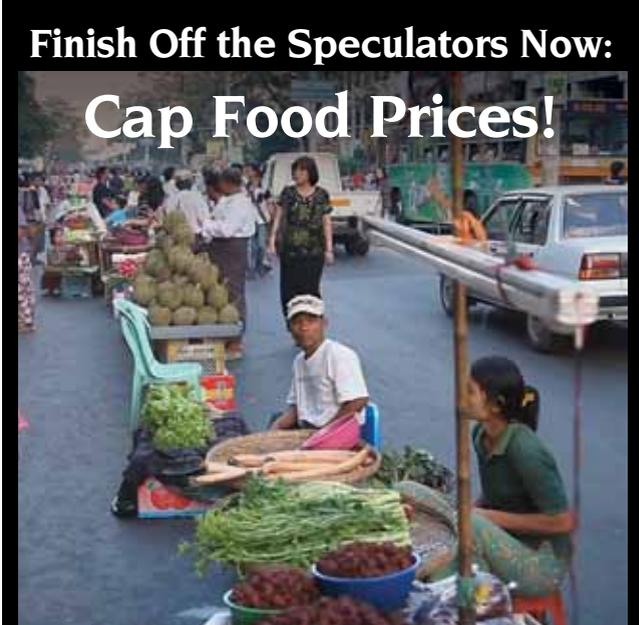
Hank Paulson told some members of Congress that failure to pass TARP could bring on martial law, according to Rep. Paul Kanjorski’s report on C-SPAN afterwards. Some ultimately voted for it because they were also promised that \$75 billion of TARP would be used to stop the home foreclosure wave, as they knew LaRouche’s HBPA would have done without bailouts. This became Obama’s intentionally failed HAMP program.

The Federal Reserve made emergency bailout loans of more than \$2 trillion to banks, and began its purchase of, eventually, \$1.35 trillion in mortgage-backed securities, trying to keep the falling nominal value of some \$5-6 trillion in MBS (mortgage backed securities) held by the largest banks as high as possible. “There’s never

been loss recognition” by the banks because of the bailouts, a former senior government economic official acknowledged recently. That is what LaRouche’s emergency bank reorganization would have forced, four years ago.

Both the surge in foreclosures and the 8 million layoff wave which followed from October 2008 onwards were faster and deeper than any such collapses in U.S. history. And the bank debt crisis continues unabated three years later, on the verge of a complete banking collapse radiating from the deepening euro debt crisis now.

LaRouche noted during Summer 2009 that the political mass-strike eruption “from the town meetings,” whose root cause was the rejection of his HPBA in the Congress, could go in a patriotic but revolutionary direction, or a “French Revolutionary” direction. As Vice President Biden acknowledged Oct. 6, in a Fox News interview, “The tea party arose, why? TARP” (and, he might have added, HAMP). And now, the 25 million-plus mass unemployment which resulted, and continues to grow, is giving rise to a new mass-strike eruption in the “Occupy Wall Street” demonstrations.



**Finish Off the Speculators Now:
Cap Food Prices!**

The approaching food crisis demands that the U.S. government heed the warnings of Lyndon LaRouche and follow in the steps of Franklin Roosevelt. Shut out the speculators and fix food prices now.

<http://larouchepac.com/node/18381>

The Homeowners and Bank Protection Act of 2007

Feb. 4 (LPAC)—LaRouche PAC today issued an updated version of economist Lyndon LaRouche's Homeowners and Bank Protection Act of 2007, first issued by LaRouche in his July 25, 2007 webcast. The full text, formatted for memorialization by local governmental bodies, is included below:

Homeowners and Bank Protection Act of 2007

Whereas, the failure the leadership of the United States Congress to pass the Homeowners and Bank Protection Act of 2007 proposed by Lyndon LaRouche in his July 25, 2007 webcast, has transformed a dire situation from one that could have remained manageable through the Autumn of 2007, into a breakdown crisis of not only the U.S. economy, but of the world economy;

WHEREAS, the Congressional leadership instead chose a course of insulting treatment of state and local legislative and associated bodies within the states, who clamored for the Congress to enact the HBPA, as shown in the HBPA's passage by five state legislatures, and more than 90 city councils across the United States, in addition to hundreds of endorsements by trade union and other constituency leaders individually;

WHEREAS, the repeated attempts approved by Congress to bail out financial institutions with cumulative trillions of taxpayers' and Federal Reserve money, have utterly failed;

WHEREAS, forcing the leadership of the U.S. Congress into more responsible behavior on the HBPA now, is perhaps the only chance to begin to move things in a direction which could lead to saving the United States of America itself from the deepest physical depression in its history;

THEREFORE, be it resolved, that
the City/State of _____

hereby endorses the Homeowners and Bank Protection Act of 2007, as initiated by economist Lyndon H. LaRouche, Jr. This Act includes the following provisions:

1. Congress must establish a Federal agency to place the Federal and state chartered banks under protection, freezing all existing home mortgages for a period of however many months or years are required to adjust the values to fair prices, and restructure existing mortgages at appropriate interest rates. Further, this action would also write off all of the speculative debt obligations of mortgage-backed securities, derivatives, and other forms of Ponzi schemes that have plunged the banking system into bankruptcy.
2. During the transitional period, all foreclosures shall be frozen, allowing American families to retain their homes. Monthly payments, the equivalent of rental payments, shall be made to designated banks, which can use the funds as collateral for normal banking practices, thus recapitalizing the banking systems. These affordable monthly payments will be factored into new mortgages, reflecting the deflating of the housing bubble and the establishment of appropriate property valuations, and reduced fixed mortgage interest rates. This shakeout will take several years to achieve. In the interim period no homeowner shall be evicted from his or her property, and the Federal and state chartered banks shall be protected, so they can resume their traditional functions, serving local communities, and facilitating credit for investment in productive industries, agriculture, infrastructure, etc.
3. State governors shall assume the administrative responsibilities for implementing the program, including the rental assessments to designated banks, with the Federal government providing the necessary credits and guarantees to assure the successful transition. And therefore,

BE IT FURTHER RESOLVED, that a copy of this resolution shall be forwarded to members of Congress from the state, and also be delivered to the President of the United States, for immediate implementation.

Former French Premier Backs Glass-Steagall

Former French Prime Minister Michel Rocard (1988-91) called for an FDR-style Glass-Steagall system, in a full-page op-ed in the Oct. 4 issue of *Le Monde*.

Under the headline, “A Banking System That Needs Rethinking,” Rocard writes, “Speculative funds continue to prosper and new ones are created, while little or nothing has been done to limit the volume on the markets of virtual derivatives products, that is, those detached from any link with the real economy. And the liquidity issued, under current conditions, is not directed toward productive investments or the financing of growth, but to investment on financial markets.”

The attempt to repay all the debts in Europe, Rocard warns, will blow out public investments and economic growth, which will, in turn, hit the taxes collected and the ability to pay the debt, with serious consequences for democracy in the EU.

In that case, “we are facing a financial tsunami,” which changes the nature of the problem. At that point, “the issue is not so much to try and avoid an all-too-likely financial tragedy, as to try and limit its scope. There are many possible and desirable measures, and one the most obvious involves reintroducing, on an emergency basis, the separation between deposit banks, which must be forbidden from carrying out any risky activity, and banks involved in all aspects of high-risk finance, including investment, which must finance their operations from their own funds or from earmarked funds. In that way, we would cut off most of the liquidity available for speculative flows, and protect the physical economy....”

“The European banking world rejects this idea,” continues Rocard. “Using funds from deposits in risky transactions generates huge profits.... But the risk is

too great. What I’m referring to is a lightning rod, and we are in the midst of a storm.

“Naturally, this means that the enormous mass of bad debt, coming out of this separation, will be exclusively on the side of those banks taking the risks. A notable proportion of it will have to be cancelled. If the entire debt can’t be paid, it is the price of risk, not growth, that has to be sacrificed. And if someone has to pay, which now seems to be unavoidable, it is fairer that it be those risk-takers, rather than taxpayers, or especially, the unemployed.

“Let’s not forget history,” Rocard advises. “This idea came from Franklin D. Roosevelt, who put in place the Glass-Steagall Act in 1933, by an act of Congress, against the advice of the banks at the time, of course. It was an order for separation of the banking institutions, depending on whether they faced risks, or managed deposits which must not be put at risk.”

Rocard notes that a similar separation “was introduced in Europe after the end of the war. It prevented any severe financial crisis for us for nearly 60 years,” before being repealed in France, under German pressure in the 1980s, and in the U.S. at the end

of the 1990s. “Ever since mergers were allowed, and banks became multifunctional, we have been drawn into financial crises every four or five years....”

He concludes with an urgent call for action from the EU Commission and the European Central Bank. And, he adds, since “preventing financial catastrophes and dramatic recessions is part and parcel of our security,” we may well end up taking the matter to the UN Security Council.

Elsewhere in Europe, Danish economist Christen Sørensen, a former chairman of Denmark’s Council of Economic Advisors, issued a statement Oct. 7, supporting enactment of a Glass-Steagall-style banking law. Sørensen takes note of the situation in the U.S., where “there are strong proponents for reinstating the principles of the Glass-Steagall law, so that the stockholders behind these activities, and not the taxpayers, should bear the losses caused by failed speculative financial transactions.”



europa.eu.int

Michel Rocard

Space as a Driver For Development

by Marsha Freeman

Oct. 9—For the first time in 62 years, the annual Congress of the International Astronautical Federation (IAF) was held on the continent of Africa. More than 2,000 scientists, engineers, and students, including hundreds from more than half of Africa's nations, traveled to Cape Town, South Africa to discuss the latest developments in space science, technology, and applications over the week of Oct. 3-7. There is no continent, many speakers emphasized, facing greater challenges than Africa. And no continent where space technology could make a more dramatic positive difference to the future.

Although South Africa is the most economically developed and scientifically advanced nation in Africa, all of the speakers from the host country stressed that the Congress was being held for the benefit of, and by invitation of, all of Africa. At the opening ceremony of the Congress, Dr. Sandile Malinga, head of the South African National Space Agency (SANSA), extended his welcome "from the heads of the space agencies of Africa." Although South Africa itself has had space science and astronomy efforts going back decades, and more than a decade of space technology development, SANSA itself is only six months old. South Africa is in the process of gaining approval of a multi-year plan.

At present, a number of African nations are using data from space-based Earth-orbiting satellites to bring a scientific dimension to decision-making for building transportation infrastructure, monitoring agriculture, assessing water resources, recovering from natural disasters, tracking disease, and other applications. A handful—principally, South Africa and Nigeria—are working towards building their own satellites, to develop an independent and more affordable alternative to hardware and software from abroad, and to be able to tailor satellite technology to their specific needs. Multi-nation science projects are underway and are being

planned to develop Africa's scientific and technical manpower, and to contribute to global scientific achievements.

An Earth-Observing Constellation

Africa, the second-largest continent in area, has a population of about 1 billion people, the majority of whom live without the most basic economic infrastructure, including electricity, transportation, clean water, and adequate education and health care. National leaders are looking toward the use of data from Earth-orbiting resource-monitoring satellites and space-based communications capabilities for problem-solving. All of the speakers stressed that this can only be done effectively through a continent-wide effort.

The week before the IAC conference, Mombasa, Kenya hosted the 4th African Leadership Conference on Space Science and Technology for Sustainable Development. The timing was not coincidental; the theme of that conference was "Building a Shared Vision for Space in Africa," and was preparatory to the discussions the following week in Cape Town. The government leaders at Mombasa declared their commitment to extend and broaden Africa's participation in, and utilization of, space science and technology.

In 2009, Algeria, Nigeria, Kenya, and South Africa established the Africa Resource Monitoring Constellation (ARMC), to consist of four micro-satellites tasked with Earth observation, from which data would be freely shared among the members. At the IAC Congress, representatives from the ARMC nations explained why, with the dozens of Earth-observing satellites already in orbit, an African constellation is necessary. From the practical standpoint, the head of SANSA, Dr. Malinga, explained, it takes nine days for one satellite to cover the entire continent. This is grossly inadequate to monitor changes in real time, such as disasters, the spread of crop disease, changing water resources, and many other factors. With a constellation of four satellites, optimized for African coverage, he said, 1,000 images a day can be taken.

During the last session of the week-long Congress, Konrad Wessels, principal researcher, Council for Scientific and Industrial Research of South Africa, cited the importance of data becoming more affordable to Africa's decision-makers, farmers, and citizens. "It would cost \$40,000 to buy three images" of Africa from foreign commercial companies, he said. With an African system, the data will be free.

Dr. Seidu Oneilo Mohammed, head of the National Space Research and Development Agency of Nigeria, expressed the problem as “more than \$100 billion of ‘capital flight’ to buy services” abroad, in order to have access to and utilize space data. Nigeria’s goal, he said, is to reduce that by 50% in the next ten years, by creating its own capabilities, which will “create jobs and social stability.” Nigeria’s five-year road map is to work with partners in satellite building and systems, then increase the local input for the satellites, and later, build satellites themselves.

So far, Algeria, Nigeria, Angola, and Egypt have operating Earth-observation satellites. The week before the Cape Town congress, Malinga announced that the South African space agency will ask the government to fund the design and construction of a South African satellite, to join the Constellation. He cited the need to reduce the country’s “high-technology trade deficit,” stressing that the project would also excite South African youth. The new satellite is estimated to cost in the range of 400 million rand (more than \$55 million), which is more than ten times the cost, and capability, of their previous Sumbandila prototype Earth-observation satellite.

So far, South Africa has taken the lead in developing the skills to design and build its own satellites, which requires creating an entirely new space industry. “No leader in the world has succeeded in developing [his or her country] without improving [its] manufacturing capacity,” observed Prof. Henry Kaane, Secretary of Higher Education, Science, and Technology in Kenya. He cited India, China, and Korea as examples. As is true in every space-faring nation, the exacting demands of space technology raise the skill, technology level, and productivity throughout the economy.

With this initiative, Africa will be able to develop the capabilities *in Africa* to collect data from satellites, interpret data to create useful information, learn how to design, build, and operate satellites indigenously, and, in the future, launch them from African soil. Each step of this progression requires the acquisition of increasingly complex and advanced science, engineering, and manufacturing skills.

A World-Class Science Project

South Africa has more than a 70-year history in world-class space science projects. Its telescopes are the prime facilities for looking into space from the Southern Hemisphere. These include the Hermanus

Magnetic Observatory, which takes advantage, through continent-wide collaboration, of the fact that the Earth’s magnetic equator passes through the middle of Africa. The magnetically quiet environment of the observatory is protected, as the scientists measure minute changes in the magnetic field of the Earth, and the effect of solar activity on our space weather.

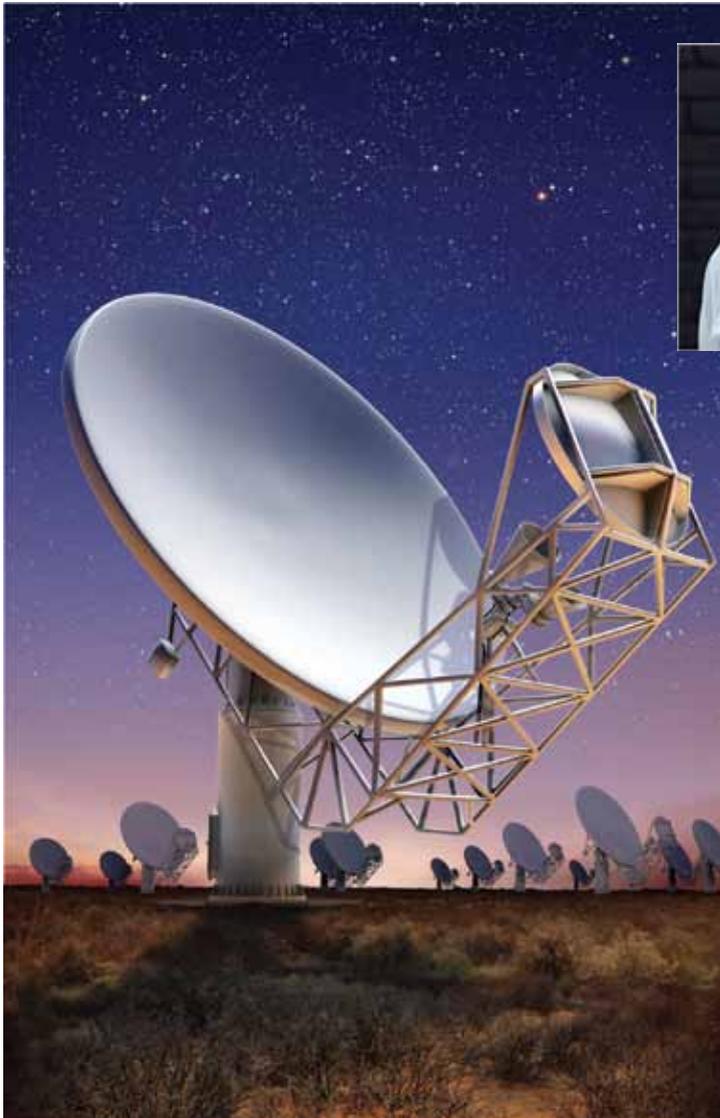
Dr. Lee-Anne McKinnell, of SANSa Space Science and director of the Observatory, explained at the Congress, that through her program, students from throughout Africa are being trained, with exchange visits among students from Kenya, Nigeria, and Zambia. The Hermanus Observatory has been leading the effort to collect geophysical data in Africa, the science of which was largely unknown on the continent until recently. The South African Astronomical Observatory and the Hartebeethoek Radio Astronomy Observatory are operated by the National Research Foundation of South Africa.

South Africa has recently undertaken a very ambitious project to build 64 radio astronomy dishes in an array, to be completed between 2016-17. The first telescope dishes of the Karoo Array Telescope, or MeerKAT, are now being tested to be commissioned. When complete, MeerKAT will be the most sensitive radio telescope in the Southern Hemisphere, and the second in the world.

The project has required new, cutting-edge technology. For this reason, although scientific observations will not begin until 2016, some 500 astronomers worldwide have already applied for time on the telescopes. Even South African post-graduates currently in the United States plan to come back to do advanced research, Dr. Bernie Fanaroff said at the Congress.

But MeerKAT is seen as a “dress rehearsal” for a truly gigantic project the scientists hope will rewrite what we know about the cosmos. At the Congress, Dr. Fanaroff announced that on Sept. 15, the final proposal was submitted by South Africa and eight other African nations to the international astronomy community, to build the Square Kilometer Array (SKA) radio astronomy project in South Africa. To demonstrate its support for this enormous and highly ambitious project, the South African government created a special cabinet position for SKA. Fanaroff is the project manager.

South Africa is well situated as the site for the project, Fanaroff explained, as it created a “radio astronomy reserve,” through the North Cape Province As-



SKA Africa

South Africa has recently undertaken the ambitious project of building 64 radio astronomy dishes in an array, to be completed between 2016-17. The first telescope dishes of the Karoo Array Telescope, or MeerKAT (shown in this artist's conception), are now being tested. Inset: Dr. Bernie Fanaroff is the project director.



SKA Africa

tronomy Geographic Advantage Act, which prohibits any activity that would interfere with radio astronomy. Internet connections are only fiber optic, for example. And no cell phones.

The SKA will consist of up to 3,000 radio astronomy dishes which could be spread all over Africa, over thousands of kilometers. The farther apart they are, the higher the precision of the observations. The partners with South Africa in the bid for the SKA project are Namibia, Ghana, Kenya, Madagascar, Mauritius, Mo-

zambique, and Zambia, and it is hoped that each would host stations, with the South Africa site at the core. The SKA is designed to be 50 times more sensitive and 10,000 times faster in data processing than the best radio telescope today. It is estimated that it will cost about \$2 billion to build, funded by

a U.K.-based consortium which could be made up of about 16 nations. The SKA should be in operation by 2024.

The African nations preparing the proposal for the SKA have worked on it since 2003, with about 100 young scientists and engineers working on the proposal in the Cape Town office. Fanaroff is especially proud that 300 grants for studies and 5 university research chairs have been created in South Africa through this proposal preparation process. There have been 25 PhDs and 52 Masters degrees granted, on the basis of research done on the project. And astronomy is now being taught in Botswana, Ghana, Kenya, Mozambique, Madagascar, Mauritius, and Zambia.

Most important, Fanaroff believes, is that the project has “raised the science and technology profile” in South Africa, and also in Europe and other countries,” which now see “that Africa can do cutting edge science and technology.”

Africa’s only competitors for hosting the SKA project are Australia and New Zealand.

The decision on which site will be chosen will come early next year. Fanaroff was asked in a Congress session, what if Africa is not chosen for the SKA? And how could he justify the amount of money that will have to be spent?

We will complete MeerKAT, he replied, and “do world-class science for 50 years” using that facility. “We will do remarkable science” by also expanding the use of other telescopes in Africa, and “we will play a leading role in SKA, no matter where it is built.”

“There are short-term problems” in Africa, he responded, “but we can’t limit ourselves” to those. Astronomy is “inherently a very exciting subject. We are creating the cadre who are transforming the way Africa sees itself, and is seen around the world.”

The Extended NAWAPA: Engineering the Biosphere

This report is based on an LPAC video, moderated by Hector Rivas, which is available at <http://larouchepac.com/node/19700>. It is part of a series being presented under the heading, “The Pacific Orientation: A New Global Strategic Policy Outlook.”

NAWAPA, the North American Water and Power Alliance, will be the keystone for a much needed nationwide recovery in the United States. It will employ millions of Americans in a great project, which represents more than millions of new jobs: It means employing mankind to act as co-Creator on Earth. The millions of currently unemployed Americans will embark on a great mission with this water project, to reorganize the functions of life on our North American continent, especially plant life, increasing the photosynthetic potential, transforming climates, and shifting existing weather patterns, which could have positive implications throughout the globe.

In this video presentation, we will focus on how, in a post-Obama world, NAWAPA will become a new standard for international cooperation. The vision, as proposed by Lyndon LaRouche and his science research team (“The Basement”), calls for an Extended NAWAPA, which will first, by intention of the original NAWAPA project,¹ bring us in cooperation with Canada

and Mexico. However, the full extent of the international NAWAPA, will come into being through a leading initiative by a Three-Power Alliance among the United States—without Obama—Russia, and China.

With the initiative of these three nations, this new standard for international collaboration will extend into every continent of the globe.

We will now examine four specific projects, each representing a different region of the world. The case-studies begin with Africa, followed by Central Asia, Central and South America, and conclude with the development of the Arctic region. All of these regional proposals already exist on paper, awaiting execution. The only hold-up lies with us in the United States, and the implementation of a new Presidency. If the United States chooses to set the standard with NAWAPA here, under an international fixed-exchange-rate credit system, global development can finally become a reality.

Africa

Once the flow of hyperinflationary bailouts and financial mechanisms from the United States is dried up by the Glass-Steagall policy, Europe will then have no

1. NAWAPA was conceived in the 1950s by the U.S. Army Corps of Engineers as a “Great Project” to develop more water sources for the United States. In 1964, the Ralph M. Parsons Company, a West Coast-

based international engineering firm, presented a developed plan for NAWAPA to a special subcommittee of the U.S. Senate chaired by Sen. Frank Moss of Utah. As entered in the *Congressional Record*, the original NAWAPA plan called for no fewer than 369 separate projects.



LPAC

The Extended NAWAPA: The North American Water and Power Alliance—a massive bioengineering project centered on a Western Hemisphere water-management system—will expand to upshift the economic and infrastructure platforms of every continent on the planet, as merely indicated in this schematic.

choice but to return to a system of individual sovereign nation-states, ending the euro system, and instead act together with a unity of principle towards the future. Then the challenge, in addition to the rebuilding of the nations of Europe, is the transformation of the African continent into a self-sustaining, integrated agro-industrial whole, capable of bringing its millions out of poverty. That will be the moral test for the nations of Europe, whose history of colonialism in Africa has brought about the most dire of circumstances on the planet. Today, the British empire still dominates that process, with other nations of Europe acting as junior partners in looting opportunities, fueled by environmentalist lies.

With a United States dominated by policies in the tradition of Franklin Roosevelt, our nation's foreign-policy will be geared towards facilitating the tendency, both in Europe and in Africa, towards continental development. This approach, as understood by Roosevelt, was the key to overthrowing British imperialism as personified by Winston Churchill. This would be done not through throwaway

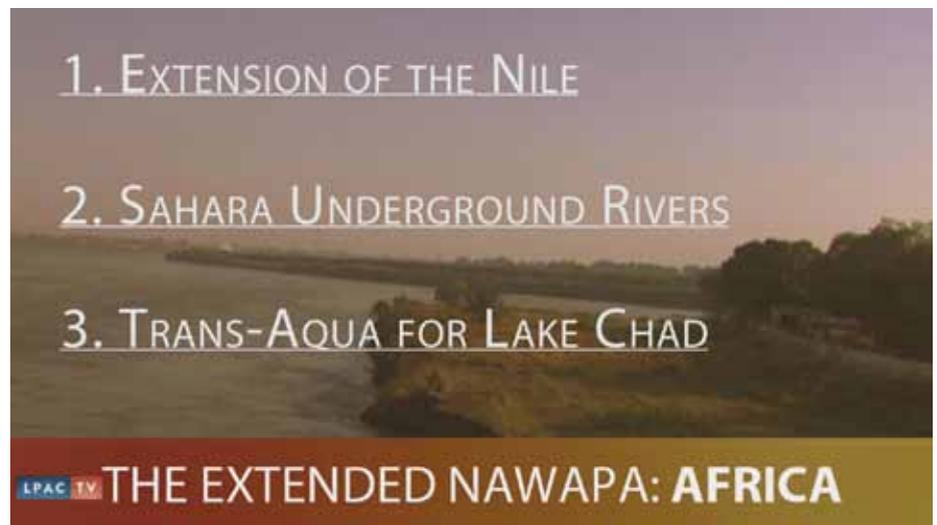
projects based on old, inadequate or green technologies, but through the integration of the continent of Africa as a whole, and the utilization of the most advanced technologies such as nuclear power, high-speed rail and maglev, and the most advanced agricultural techniques, irrigated by some of the largest water projects on the planet.

The process of the redistribution of water throughout the continent of Africa, in the same vein as NAWAPA for the Western Hemisphere, would have transformative effects on the climate globally. The introduction of green plant life where currently the ability to sustain life is not feasible, would have a profound effect on a deadly trans-Atlantic cycle of extreme weather, such as the devastating hurri-

cans we have recently experienced in the United States.

Three specific projects that could begin right away for the creation of abundant water for agriculture and the sustenance of human life, would be the extension projects along the Nile River, the channeling of the underground rivers of the Sahara, and the development of the Transaqua project for the replenishment of Lake Chad (**Figure 1**). The Nile is already harnessed with a series of dams and water projects, one of which irri-

FIGURE 1



Three projects for Africa that could begin to provide urgently needed water for agriculture and the sustenance of human life.



An artist's conception of the new river to be created by the Transaqua project. It will create the first inland sea port in Africa.

gates about 2 million acres of farmland between the Blue and the White Nile. Since Sudan's land is among the most fertile in the world, rapidly increasing the capability for irrigation could turn that nation into a breadbasket for the entire continent. The Jonglei Canal project, which currently lies incomplete, could be revived to rapidly expand this potential, diverting water that now runs into swamps, into the White Nile for agriculture.

Far to the west of the Nile are the barren salt flats of Algeria and Tunisia, under which exist ancient underground rivers, trapped in the sandstone waiting to be tapped. A massive underground body of water, the Mega Lake, exists in this area, equivalent to the size of our Lake Erie. This lake could supply water to thousands of wells across these two countries.

In addition to this, plans have been drawn up for re-flooding of seawater into the salt flats of Algeria and the Quattara Depression, which would have a profound impact on cooling the climate of the region. Africa was not always home just to barren and dry climates. Lake Chad in the Sahel region was once the sixth-largest freshwater lake in the world, but is now drying up.

The Congo River, south of the Sahel, is the deepest, and the second-largest river in the world, by volume. As a result of the lack of sufficient development, it is often flooded. Rather than allowing this cycle of flooding to occur, Transaqua would create a new river that would divert water north through two catchment basins and into Lake Chad. The total flow of this new river would be 81 million acre feet per year, with the potential to produce 4 gigawatts of hydroelectric power.

The whole stretch of this new river would be 1,750 miles, about half the breadth of the United States, and will be on average 80 feet deep and 330 feet wide, making it navigable, and generating the first inland sea port in Africa. Once the water refills the Chad basin, new agricultural development will blossom in the region, covering 12-17 million acres of irrigated farming.

Today, Africa does not have the industrial capability and skilled labor to implement these massive projects. However, it would not take much time at all to end the problem of hunger, and bring in the necessary skills to industrialize and unify its nations. Europe, to the north, has some of the most densely industrialized centers in all the world. As part of a crash development program, Europe could apply its already existing skilled labor to assist in building these projects, thereby bringing to the young generations of Africa the means to overcome the legacy of colonialism in the decades to come.

A great power exists in Africa, among its people, and its resources. As President Franklin D. Roosevelt said, during the World War II Casablanca conference in Morocco: "Wealth! Imperialists just don't realize what they can do, what they can create! They've robbed these continents of billions, and all because they were too shortsighted to understand that their billions were pennies, compared to the possibilities! Possibilities that must include a better life for the people who inhabit this land."

The Aral Sea

Let's look at Central Asia—another impoverished region, known for its extreme climate and severely arid conditions. Here, the developmental prospects, we can say, are numerous and long overdue. But for our purposes, let us take up the case study of the depleted Aral Sea.

The Aral Sea Basin, a water system which reaches every country in Central Asia, was once a reliable source of clean water and irrigation for the region's



July - September, 1989



October 5, 2008

NASA/Zafiroblue05

The Aral Sea Basin was once a reliable source of clean water and irrigation for the region. But decades of backwards monoculture, wasteful water diversion canals from the Soviet era, and subsequent free-trade policies, have acutely depleted the river systems which had fed and replenished it. The Aral Sea has shrunk to 10% of its original size.

population. The Aral Sea itself, which was once one of the four largest lakes in the world, in addition to having been the source of a once-thriving fishing industry, also played a crucial role in climate moderation in widely parched Central Asia.

But decades of backward monoculture—specifically of cotton—wasteful water diversion canals from the Soviet era, and subsequent free-trade policies, acutely depleted the river systems which had replenished the Aral Sea. As a result, over the course of a few short decades, the Sea has now shrunk to 10% of its original size; and without the constant inflow of freshwater, it has become highly salinated, to the point where all 23 species of fish, that had once inhabited the Aral Sea have died off.

Today, the depleted Aral Sea Basin qualifies as a humanitarian emergency; not only is there a severe lack of freshwater for its dependent population, but,

having been transformed from a large body of water into a salt wasteland, wind storms often pick up the salt and pummel the surrounding areas of Kazakstan, Uzbekistan, and Turkmenistan, making agriculture increasingly difficult, and harming human health. Life expectancy is shorter, the closer you live to the Aral Sea. The child mortality rate is 75 children per 1,000 newborns; and in the Karakalpakstan region, the epicenter of the crisis, a high level of maternity deaths—120 women per 10,000 births—is observed.

In addition, due to increased salt storms and the exposure of food and people to water and air that are increasingly contaminated by harmful levels of salt and toxins, diseases such as tuberculosis, infections, and parasites, typhus, hepatitis, and paratyphoid, have dramatically increased. According to a 2002 UN estimate, every day

200,000 tons of salt and toxic sand are carried by the wind throughout the Aral Sea region and thousands of miles beyond, sometimes reaching as far as Russia's Arctic North.

No doubt, this is a truly ecological and humanitarian crisis. The issue that we must confront is that this was a disaster directed by policy. After more than a century of backward agriculture, and resource and human exploitation, culminating in today's system of globalization and cheap slave labor, the Aral Sea crisis is the result of a deliberate downgrade of the region's Biosphere and people.

With the removal of Barack Obama from the Presidency, the re-enactment of Glass Steagall, and the implementation of an international fixed-exchange-rate credit system led by the United States, we can effectively push back the imperial policies which had ruined entire regions like Central Asia, and extend to



Today, the depleted Aral Sea Basin qualifies as a humanitarian emergency. The child mortality rate in the the region is 75 children per 1,000 (for comparison, the U.S. rate is 65 per 100,000).

them the NAWAPA perspective.

Like NAWAPA, designed for North America, and the Transaqua irrigation project for Africa, reviving the Aral Sea and upgrading Central Asia in general will be a monumental endeavor, bound to test the limits of human ingenuity.

One proposal which we here at LaRouchePAC have highlighted is a project proposed in the 1940s by Russian engineer M.M. Davydov, and since modified, to replenish the Aral Sea, by way of water diversion from a source thousands of kilometers away, in the Altai Mountains, seated where Russia, China, Mongolia, and Kazakstan all meet. This area has anomalously high



A project proposed in the 1940s by Russian engineer M.M. Davydov to replenish the Aral Sea would bring water from the Altai Mountains (shown here), the source of the Ob and Irtysh Rivers.

precipitation, and is the source of the Ob and Irtysh rivers, both of which run westward, and meet before they drain off into the Arctic Sea. The proposal calls for damming the Ob and Irtysh where they meet, saving 8% of the runoff water that would otherwise go into the ocean, to create a reservoir of freshwater. The water in the reservoir would then be channeled via a 2,550-kilometer-long canal, lifted a total of 300 feet through a system of six pumps, and then, into the Aral Sea it goes!

With the Aral Sea replenished, fishery can be rejuvenated. Agriculture can be expanded to produce for Eurasian and Russian consumption, as 4.5 million hectares of irrigable land is made available. In general, life in the region will be made more pleasant with the cessation of salt dust storms; and the vast greening process will surely moderate the region's extreme climate conditions.

Furthermore, the transformation of the Aral Sea could be coupled with other development projects in the region, such as additional proposed canal and transportation corridors. For example, this process will be dramatically augmented in the context of bridging the Bering Strait. A series of new northern rail lines and corridors will connect our newly replenished Central Asia, with a North America freshly transformed by NAWAPA; and with a commitment between our friends to the South, and a new Presidency here in the United States, this international connection can reach the tip of Argentina uninterrupted, with the taming of the Darién Gap.

The Darién Gap

Today, an appendage of the British Empire known as the World Wildlife Fund, which is committed to a genocidal policy of population reduction, is a major impediment to development in every part of the planet. Currently, the area encompassing the Darién Gap, spanning the border between Panama and

FIGURE 2



The bridging of the Darién Gap linking Panama and Colombia, by completing the 62-mile Pan-American Highway, is a key feature of the World Land-Bridge.

Colombia, (Figure 2) is deemed a Biosphere reserve that cannot be traversed by road or rail, and is now used by narcoterrorist armies for drug-trafficking, murder, and kidnapping. However, with the development of the Darién Gap region, it will become possible to put an end to this plague of British imperialism for good.

The Project

The first step of the program would be to complete the 62-mile Pan-American highway connection between Yavista, in Panama, and Chigaroro, Colombia. American engineer and LPAC collaborator Hal Cooper has already proposed three possible routes: one through the wetlands; a second along the Eastern coast, and third, a bridge over the Gulf of Uraba. In each case, the terrain provides enormous challenges.

Currently, the only way to ship goods through the region, is through the Panama Canal, which is already inadequate to handle the volume of shipping, and will become more so, with the planned

upshift global development. Thus, a second canal must be built.

The projected Atrato-Truando Canal is one of several possible routes. It would utilize part of the Atrato River in Colombia, and the rest could be created by using peaceful nuclear explosions.

Next, the Colombia and Venezuela rail lines will need to be extended and upgraded with maglev, particularly to handle those high-altitude mountain ranges. The Peruvian, Bolivian, and Brazilian rail systems will also be upgraded. All of these will then be linked to a new Argentina-Chile rail system, which will

then extend down into southern Patagonia.

This grid will supplement the integration of the three major river systems of the region: the Orinoco, the Amazon, and the Rio del la Plata.

Changing the Biosphere

This region has been transformed by the hand of man before. It has been shown that in the last 12,000



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Plans for a second Panama Canal have been on the books for years. Now, with the Extended NAWAPA, they can become a reality.



NASA

Space is the next frontier for the nations of Ibero-America. The best place for rocket launches is near the Equator, for example, in Alcantra, Brazil. Shown: an artist's concept of the Aquarius-SAC D spacecraft, a collaboration between NASA and Argentina's space agency.

years, astronomically advanced societies terraformed thousands of square miles of the Amazon region. These early civilizations used advanced agricultural methods to engineer a highly fertile black soil in as much as 10% of the Amazon, an area about the size of France!

It's a known fact that cloud formation in the Amazon is heavily affected by vegetation on the Earth's surface, and that this, in turn, affects weather patterns, not only in the region, but around the globe.

By reintroducing the hand of man as gardener and terraformer in this region, we will come to better understand how the entire Biosphere functions and perhaps craft new weather systems for the benefit of man!

Resources and Space

Finally, there are vast mineral deposits throughout the region, including iron, copper, nickel, and plenty of uranium to fuel new nuclear power plants, which currently only exist in Brazil and Argentina. Given the right kind of economic development, with these vast

resources and the already existing capabilities therein, Argentina, Uruguay, and Brazil could be the productive axis that could develop the rest of the energy needs of South America.

Argentina's and Brazil's activity, in particular, should be directed toward space. For instance, the best place for launching rockets into space is near the Equator because that is where there is the greatest angular momentum. And in fact, Alcantra, Brazil is currently home to the closest launch center to the Equator; and Argentina already has the beginnings of a significant aerospace sector.² Breakthroughs in rocket fusion technology, and astrobiology field work (which is already being pursued in Chile) could become commonplace in the region. Moreover, given the proxim-

ity of the South Pole, the study of the Aurora Australis becomes increasingly relevant as we enter into this heightened global period of disturbances caused by extraterrestrial electromagnetic activity.

The Arctic Region

Throughout the last several hundred million years, the Earth has been subject to a number of glaciations. Roughly 20,000 years ago, during the last glacial maximum, the land currently beneath the Bering Strait was exposed, due to lower sea levels caused by much of the ocean water being locked up in icecaps. This passageway once provided an overland transport route for both human beings and animals. The warming trend that began at the end of the last glaciation period, around 10,000 years ago, flooded the area and severed this land connection. Today, we have the

2. See "Why London Finds Argentina 'Odious,'" *EIR*, Oct. 7, 2011.



Council for the Study of Productive Forces (SOPS), Russia

The project of building a bridge across the Bering Strait is not for the faint-hearted. The Strait spans 55 miles of the most hostile climate to life on our planet. But it will be done. Shown: an artist's concept of the Bering Strait tunnel looking toward an new city.

option of connecting it once again.

The project of building a bridge across the Bering Strait is not for the faint-hearted. The Strait spans 55 miles of the most hostile climate to life on our planet. There are windchills that drop the temperature to near -100°F ; and, eight months out of the year, the Strait is covered with ice floes, which can be as heavy as 250,000 tons.

The Bering Strait Bridge would be the longest bridge ever designed. Its 55 miles would be almost double the length of the longest bridge on the planet today—the Lake Pontchartrain Causeway, just outside New Orleans. The Causeway is 24 miles long, and runs through a moderate climate, and over calm waters.

The existing plans for the Bering Strait passageway are to incorporate a double-tracked, electrified rail line. This will either be in the form of a bridge or a tunnel. The passageway will cross both the Little and Big Diomedes islands. Accompanying the rail line will be a paved road, a gas pipeline, and an electric transmission line. This bridge would support over 150 trains a day.

The challenges posed in the construction of the Bering Strait Bridge are conquerable, if we choose to do it. And, that is a good thing, because the bridge is only one of the critical parts of the extended NAWAPA

program in the Arctic.

The Challenge of Siberia

Next, is the challenge of overland transport. The nations that surround the arctic are Norway, Denmark, the United States, Canada, and Russia. The Bering Strait Bridge will connect two continents, North America and Asia. But, simply building a bridge to modern-day Siberia, by itself, is not the point. Instead, the connection will serve as a critical junction point between the two sides of the Great Pacific Region. Russia covers 17 million square kilometers and 11 time zones. Siberia is a behemoth: At 13 million square kilometers, it is almost one

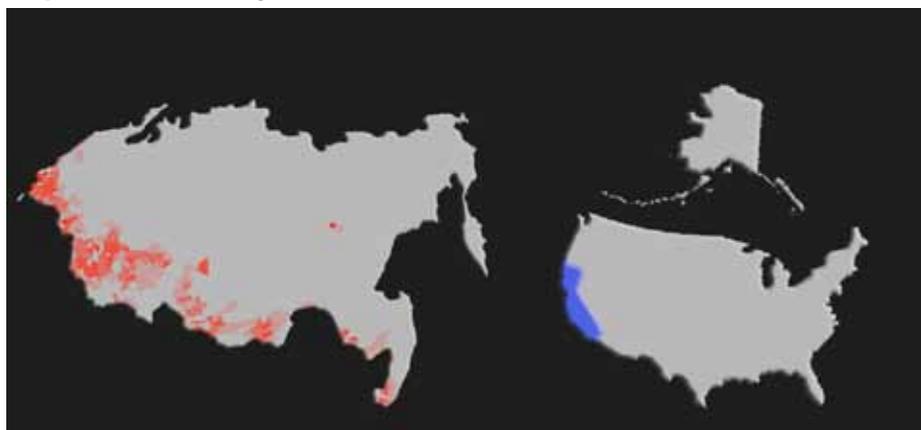
third of the entire area of Asia, and its harsh weather makes it a substantial challenge to any overland transport development. For centuries, Russia has faced the challenge of how to develop and populate Siberia with cities and industry, or, whether to use it merely for extraction of raw materials.

In the late 1800s, with the construction of the Trans-Siberian Railroad, more people began to move beyond the Ural Mountains, and into the vast Far East—starting the first Siberian industry. During World War II, after the invasion by Hitler, Stalin moved thousands of manufacturing plants behind the Urals. Siberian development continued from 1950s through the 1980s, but since the breakup of the U.S.S.R., and the adoption of radical free-market economics in post-Soviet Russia during the 1990s, the area has suffered a significant depopulation.

Today, 38 million people, only 26.5% of the population of the Russian Federation, live in the area from the Ural Mountains eastward, including Siberia, which encompasses 77% of Russia's landmass (**Figure 3**). In order to support human life, and attract people to live in the area, certain economic preconditions will have to be met. Russia has already started planning new rail lines in the Far East, with a new 970-mile line extending from Tynda, on the Baikal-

FIGURE 3

Population Density: Siberia vs. the U.S.A.



Siberia is a behemoth: 38 million people, only 26.5% of the population of the Russian Federation, live in the area from the Ural Mountains eastward—77% Russia's landmass. This image compares the size and population density of Siberia to that of the U.S. Siberia's entire population could fit into the state of California.

Amur Mainline (known as the second Trans-Siberian Railway), to Yakutsk, the capital of the Sakha Republic-Yakutia, and then on to Magadan on Russia's Pacific Coast (**Figure 4**). The extension of this track to Uelen on the Bering Strait is to be completed by 2030, totalling up to 2,500 miles of track. With a United States under NAWAPA, working with Russia, this timescale could be reduced dramatically.

This transport build-up must occur in conjunction with development of science centers along the existing Trans-Siberian route. One such critical center is the Vostochny Cosmodrome. The spaceport, which will be completed in 2018, will be a launch site for the Russian space program. It will be located along the Baikal-Amur Mainline, and surrounded by electricity-generating plants.

The Amur Region, with the Cosmodrome, is at the hub of Asia. It sits along Russia's border with China, and has rail access to the Far East cities of Khabarovsk and Komsomolsk-on-Amur, as well as the port city of Vladivostok. The rail lines of Russia, China, Japan, and North and

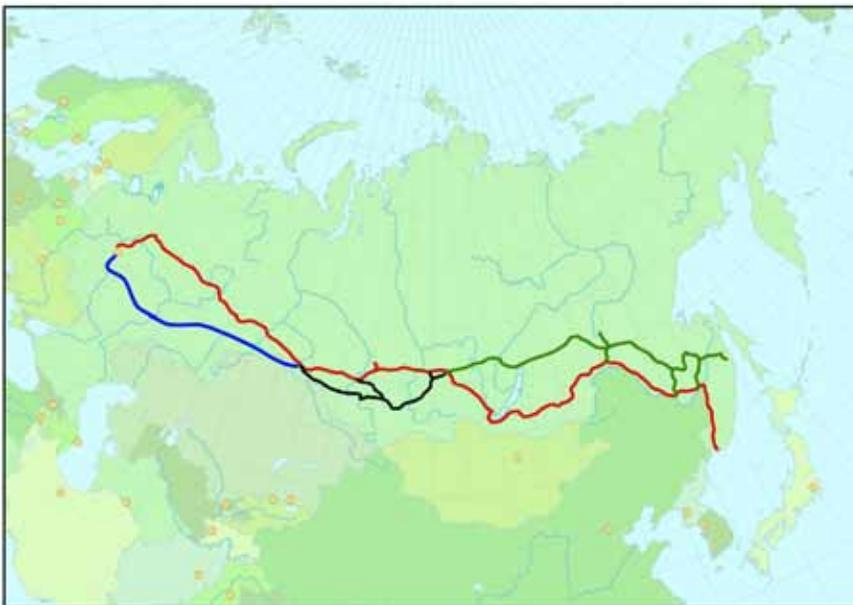
South Korea will be connected to the Trans-Siberian line. With the line from Tynda through to Uelen, and the Bering Strait Bridge completed, this bloc of powerful nations will be connected to the United States, and Canada as well. This Great Pacific region will be the new center in the world—with 3 billion people and growing, as well as huge amounts of natural resources.

Vast Natural Resources

The Arctic is rich in untapped potential. Siberia, alone, contains 90% of the world's palladium, 80% of its tantalum, 40% of the platinum, 36% of the nickel; and the list goes on. These minerals, plus petroleum, are already used for energy production, fuel cells, chemical manufacturing, and medicines, such as in the chemotherapy drugs oxaliplatin and carboplatin. This is without mentioning their future importance under a

FIGURE 4

The Baikal-Amur Mainline and Trans-Siberian Rail Line



Russia has already begun planning new rail lines in the Far East, with a 970-mile line extending from Tynda, on the Baikal-Amur Mainline, to the city of Yakutsk, and then on to Magadan on Russia's Pacific Coast, where it will reach Uelen, on the Bering Strait. The project will be complete by 2030.



NASA

A NASA team of polar researchers drilled deep into the ice sheet at the South Pole, where, to their surprise, they found a Lyssianasid amphipod, a distant relative of the shrimp, alive and well, under the surface. If life can survive there, might there not also be life on Jupiter's ice-covered moon Europa?

science-driver policy like NAWAPA.

One of the major engineering challenges of building in the Arctic, is the ability of the machinery to resist breaking and corroding, due to the temperatures and snow. Tantalum, a metal which has an anti-corrosive property, will be critical in experimenting with new metal alloys that can resist buckling from exposure. Platinum is a metal which might have extra-terrestrial origins. It is found in limited areas on Earth, and in greater abundance at large body impact sites, such as the Sudbury Basin in Canada. Platinum is found in the craters created and affected by what is termed post-impact volcanic activity. We know that it is also found in higher quantities on the Moon.

The Arctic Ocean floor is also a hotspot for hydrocarbons. All of the Arctic nations have claimed territorial rights to the North Pole region for shipping; and, for the untapped wealth of the sea bottom. Russian explorers, in a recent trip to the North Pole, just planted their flag on the bottom of the ocean. And, in a joint effort by the U.S. Geological Service and the Canadian Coast Guard, exploration and data about the nature and boundaries of the continental shelf of the Arctic is being collected as well.

Overall, the data from the U.S./Canada study estimates that the area north of the Arctic Circle accounts for an estimated 13% of the undiscovered oil, 30% of the undiscovered natural gas, and 20% of the undiscovered natural gas liquids in the world. The large amount of hydrocarbons in this area will be a generous source of energy in the future. But, while it plays this impor-

tant role, this region also raises much more significant questions about the nature of life. And, this is what makes the Arctic the most important feature of the Extended NAWAPA.

The floor of the Arctic Ocean is a marine desert. In the deep waters, which are under perpetual ice cover, there is very little or no photosynthesis. And, with little organic matter coming from anywhere, life is more sparse than on other ocean floors. But, life has evolved without photosynthesis, from the methane and hydrogen sulfide which seep from the bottom

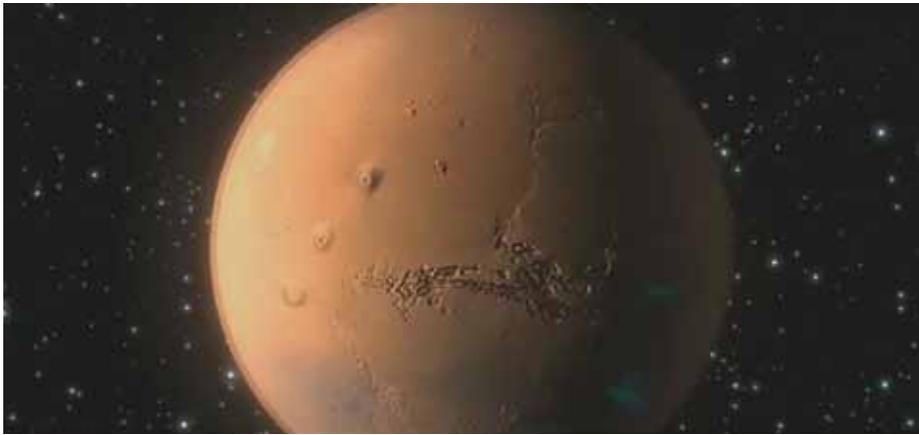
of the Arctic. There are many species of organisms that have bacteria inside them, which can consume the methane and hydrogen sulfide, and generate energy from chemosynthesis.

There is another source of energy besides the vents. In 1995, a team of American, Norwegian, and Russian scientists found the active cold-seep mud volcano in the Barents Sea. They noticed thin white blankets, draped over rocks and piles of sediment. These white blankets were colonies of millions of bacteria, which live on these sediments, digesting the organic matter in them, and producing methane as a by-product. In the seeps, methane, dissolved in the water, bubbles up through the ocean, and is ingested by the bacteria.

One of the most recent finds of life actually occurred at the other pole. A NASA team of polar researchers drilled a deep hole into an ice sheet, expecting to test their ice-drilling techniques. To their surprise, they found a Lyssianasid amphipod, a distant relative to a shrimp, alive and well in sub-freezing, dark water, 600 feet under the surface of an ice sheet, and 12 miles from open ocean. The scientists made a correlation, that if life can survive here, it is possible that it exists on Europa, a moon of Jupiter, whose surface is also covered by a sheet of ice, and should have similar conditions to the poles of the Earth.

From the North Pole to Mars

Today, there are isolated U.S. and Russian research stations in the Arctic, some floating on ice floes, and others deep inland, sitting on tundra. These North Pole



Man will travel to Mars, but before we can get there, we need to answer a number of questions about what makes the Earth suitable for life.

In Figure 5, the polygonal patterns, caused by water freezing and unfreezing, characteristic of Arctic permafrost, are also visible on the Martian surface.

stations carry out complex year-round research in the fields of geophysics, hydrochemistry, hydrophysics, and marine biology. They experiment with the magnetic field and the ionosphere. They take regular measurements of the ice floes to keep track of the direction and speeds. The modern drifting ice station resembles a small settlement with housing for polar explorers and special buildings for the scientific equipment. Usually, one of these stations begins operations in April and will continue for two or three years until the ice floe reaches the Greenland Sea. Scientists and explorers are rotated yearly.

Man will travel to Mars. And, if we are going to make it, and survive, we must know how to keep life alive in outer space, and on the planet, itself. Before we can get there, we still need to answer a number of questions about what makes the Earth suitable for life. As of now, we know that the atmosphere plays a protective role; on Earth, the atmosphere is a dense mix of oxygen, nitrogen, carbon dioxide, and water vapor. In comparison, the Mars atmosphere is less dense, made up of mostly CO₂, which is currently thought to be unsuitable for animal respiration, but is suitable for plants.

Magnetic fields have an effect on life. The poles of the planet are a good place to test this relationship. The magnetic field on Mars is weak, and not unified across the planet. The temperature extremes are an important

FIGURE 5

Polygonal Ground Patterns on Mars Surface



factor as well. In the Arctic, during the Winter months, the temperature can approach -100°F with windchill. The temperature of Mars varies between 70°F at the Equator to -200°F at its poles in Winter.

And, finally, notice the polygonal ground patterns (**Figure 5**), which are characteristic of the permafrost in the Arctic. These patterns come from water freezing and unfreezing, causing cracking in the surface. These polygonal shapes are also visible on many parts of the Martian surface. Building on the permafrost will do more to prepare us for facing the surface of Mars, than any Mars Analog Research Station will.

The challenges that humanity faces in the Arctic, will help to prepare us for engineering the Martian surface. We must take advantage of the unique characteristics provided to us by Earth's North Polar region—the Arctic. The power of man is limitless, with the collaborative effort of Russia, China, and the United States under NAWAPA.

Act Now To Stop a Hitler-Style Coup!

In a statement made to associates on Oct. 8, and subsequently broadcast on LPAC-TV, American statesman Lyndon LaRouche issued a dire warning. Unless the program which he has put forward for removing Obama and re-instating Glass-Steagall is put in place immediately, the United States is facing a British-instigated Hitler-style coup in the days or weeks ahead. We quote:

“The British are, along with their friends of the Bush-League type, are ready to move with a *coup d'état*, to establish a dictatorship in the United States—which will mean mass murder. It would be a purge of the type the British ran under Hitler. Get ready for a Hitler-type purge, where suddenly, people are swept up at night and disappear, and go into gas chambers and things like that, more or less quickly—prisons and so forth. That's what's in store, from the British side, and that's what the Obama policy is. . . .

“What the British have in mind for the United States, is a Hitler-style coup in the United States, in which people are already being denoted for removal from life. That's already here in the United States. And therefore it's a rush, to get things in motion which will prevent that from happening. And it's not *when* will that happen, so much as ‘When are you going to start doing something to *prevent* it from happening?’ And that's what you have to consider.

“Now, there are some people who are fighting *against* that intention, but unless we maintain the dynamic of pushing aggressively for the preventive actions against that—the kinds of actions we take, and the kind we mobilize: No more of this baby-steps kind of thing. You're looking at a decision that is going to permanently decide for a very long time to come, what the destiny of mankind on this planet will be. And you're talking in a matter of days; that's

the interval in which the decisions of action or practice will be made. That's where things stand.

“So, the point is to say loudly that there's an *intention*, which has been detected, to organize a Hitler-type coup in the United States *now*, as a precautionary measure, to offset the fact of the breakdown crisis of the trans-Atlantic economic system. And this is as serious as the Hitler threat was in 1933. And it was *one* decision, by Hindenburg, which allowed this to happen. And that's what you're looking at now.

“This guy [Obama] has got to be out of office, *now!* That means he's got to be impeached, in some form or other: Some form of signal of impeachment of this President is the only thing that can save your butt in the short term. So, we've got to think in those terms. . . .

“So, it's a very serious situation, and it has to be taken very seriously, and has to be the prominent consideration strategically of everything we do. We're on a time-scale not only of an immediate breakdown crisis of the entire world economy—especially the trans-Atlantic region—but also the attempt, and *plans already in motion, preparations already being installed*, for early implementation, for establishing a Hitler-style coup inside the United States, top-down. That's there. And that should be your foremost point of reference in thinking about things now.”

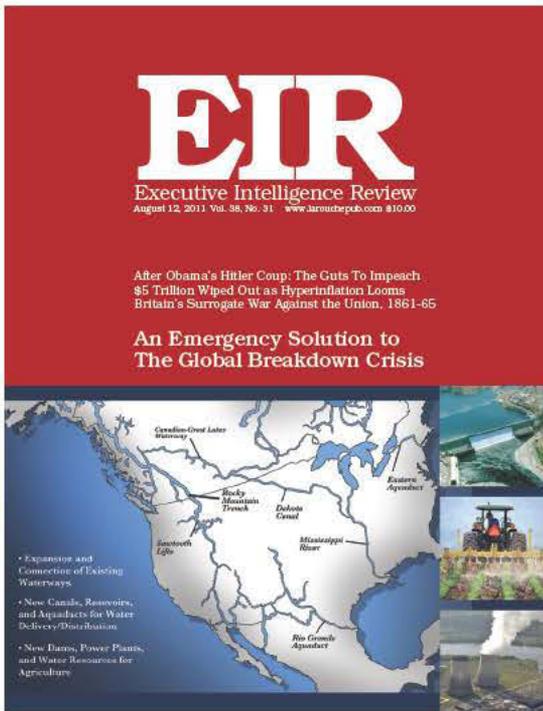
With that in mind, LaRouche said, we have to immediately remove Obama, and get Glass-Steagall in. This is the only pathway to derailing what is actually the long-term British imperial intention to destroy the United States.

It's time to stop denying the threat that's staring us in the face. Fight to save the United States by removing Obama and imposing Glass-Steagall, now!

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