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This is the fundamental pattern of inherently divided lands, and their respective peoples' energies, economics, mores, dreams and volitions.

This pattern dominates all pre-World War One history.

Water routes represented the shortest distances between the otherwise remote lands and peoples. Water routes represented the most economical lines of communication. Long distance communication consisted alone of written or face to face transmission - most swiftly completed by water.

The tonnage commerce of inorganic and organic world resources could only be accomplished in water borne vessels. Only token commerce and slow messages could be accomplished via the backs of men or animals traveling the long way - via the plains and mountains around about the headwaters. The divided peoples thought and spoke of their own uniquely predominant oceans as constituting separate oceans - Atlantic, Pacific, Indian.

The great one Waterocean world pattern depicted on the next page was unseen by world people. It was and is, in fact, one ocean with one central island - Antarctica - clockwise around which races west-to-eastward the winds and waters. This gigantic merry-goround - called the "roaring forties" (entered into at 40 degrees south latitude) - is now known as the southern hemisphere's jet stream area. Ships out of the Atlantic, Indian or Pacific Oceans were swiftly borne west-east by the merry-go-round to choose their reentries into those oceans and their local lands.

Whoever commanded the unsinkable ships (islands) commanding the mouths of the local bays, harbors, estuaries, channels and passages, and commanded the islands and capes which governed entrance upon the merry-go-round - then they governed the world. It is only now discernible by world peoples that centuries ago the masters of the unsinkable British Isles had discovered, held secret and commanded until World War One this Waterocean World.

With only the unpeopled Antarctica at their back, and holding fortified bases at the southern extremities off South America, South Africa and Austral-Asia, they came from the south upon the "soft bellies" of the essentially northern hemisphere dwelling people. Only one-quarter of the earth's surface is land; approximately 85% of the land and 85% of the people are situated north of the equator.

The entire pattern of the world's cities and their positionings grew out of the commerce and communication flows of the Waterocean World.

Because the key to World One's dominance lay in the water reaches invisibly remote from public sight and ken, the battles for its dominance were remote and often unknown to world peoples. Its masters were inherently invisible. The high priority technologies and resources were usurped by the invisible masters for their invisible struggles for Waterocean World dominance. This was a struggle not only of men against men, but also of men against the sea - its daily sea-quakes and avalanche-magnitude shock impacts, etc.

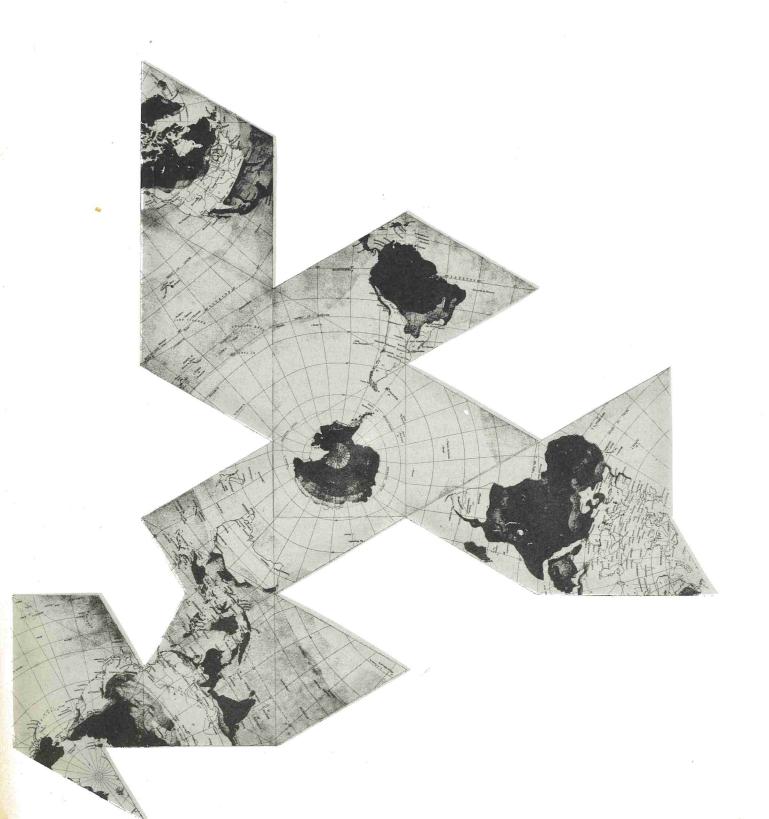
The glories of technology and wealth went to the sea and much of it eventually to the sea's bottom. The unwanted, inferior technologies and resources were left to "make do" with the inferior magnitude physical problems of the remotely pre-occupied struggling humanity upon their respective separate lands.

The theoretical interlinkage of the peoples over the North Pole was utterly hidden in that approximately infinite direction of impenetrability. In the popular "infinity" lay the seemingly inherent insurance of the success of the grand strategy of the one invisible ocean world and its secretly known, most favorable dynamic routings.

World One

WATEROCEAN

FOR EXPLANATION SEE PAGE 1



World Two

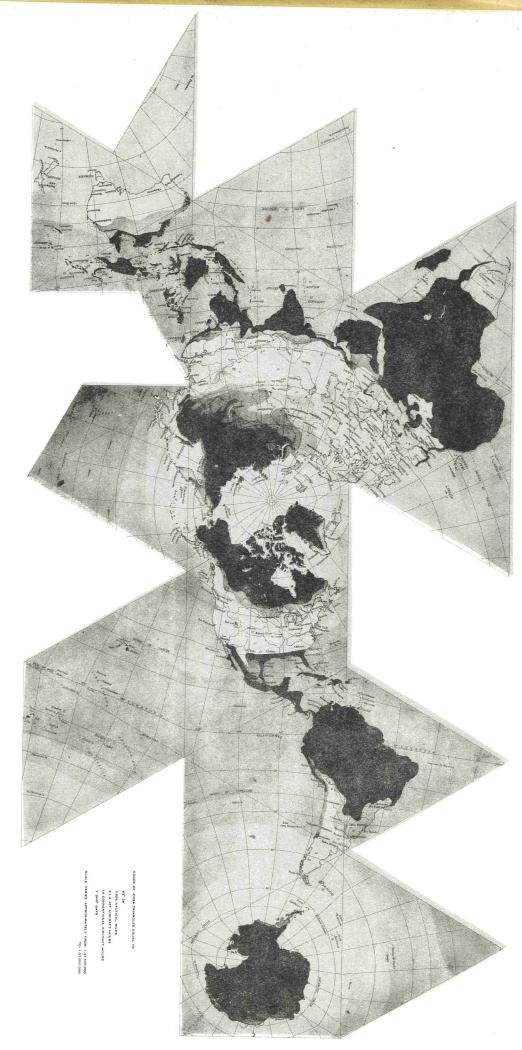
AIROCEAN

FOR EXPLANATION SEE PAGE 4.

U.S. Patent 2,393,676 Canadian Pat. 448,064 Copyrighted 1954

R. Buckminster Fuller & Shoji Sadao -Cartographers

Copies of the AIROCEAN MAP.
in four colors may be
obtained postage or
expressage prepaid by
sending check or money
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BOSTON ARCHITECTURAL CENTER

This is the fundamental pattern of inherently integrated lands and their respective peoples' energies, economics, mores, dreams and volitions.

This pattern dominates all post World War Two history.

It centers about the North Pole, around which, counter-clockwise west-to-eastward, races the northern hemisphere's jet stream at 200 to 400 miles per hour.

88% of the world's people dwell in the Asia-Europe-Africa quadrangle on one side of the Pole. The remaining 12% dwell in the Americas on the other side of the Pole. proximately all shortest routes between the people in North America to the 88% on the other side of the Pole lie over the Arctic. The Atlantic and Pacific Oceans on either side of North America are routes to nowhere. Shortest distance from North America to South America is over Central America and the West Indies - not over the Atlantic or Pacific.

Voice to ear communication between all peoples anywhere around the world is approximately 186,000 miles per second. In terms of mores, languages, politics, they are as yet months, years and generations apart. In the terms of human needs and longings for understanding, they are as one.

In the swiftly accelerating range and frequency of world peoples' comings and goings, the inherent barriers of mores, politics and languages will swiftly dwindle and disappear. All of the pattern of world affairs will become visible to all its people. Ambitions of individuals or of minorities to seize dominance of the Airocean World are inherently visible "spot news". Democratic mastery of the whole pattern by all the people is inherent and inevitable. The intellectual and technological integration accelerates the constant trend to serve more needs of more people with higher standards with ever more efficient investment of overall resources per given function.

This process of doing more with less may be capsuled as "ephemeralization". more ephemeralization advances the more flyable becomes any one cargo. The trend of the Airocean World is toward an entirely airborne technology. Cities and towns will trend to become Airocean bottom cloverleafs integrating highways and airways. The highways and airways will become a unitary world network. Sea and waterport cities will trend to diminishing cargo interchange significance and increasing recreational and abstract process significance.

The industrial revolution's railroads and trucks were the beginning of the disappearance of the age-long dominance of the water borne traffic. Railroads and trucks represented shiploads "sailing" over a new Landocean.

With man's penetration to the North Pole, discovery of wireless communication and invention of trackless, omni-directional, heavier-than-air flights at the beginning of the Twentieth Century, the swift obsolescence of World One's Waterocean was certified. World War One and World War Two and their twenty-two year interim represent the transitional period from a predominantly Waterocean World to an Airocean World.

All the pain of this fundamental historic transition is inherent in the momentum of ignorance of man in general concerning the inexorableness of the fundamental reorientation of his life experience.

The operational principles of physical universe persist throughout man's approximately ignorant endurance of the transition. But as men learn more of the persistent verities and integrities of universe, they discover the fundamental necessity of reorientation of knowledge in respect to those verities.

Einstein's Relativity, born at Twentieth Century's opening, and its security in comprehended dynamic equilibrium becomes the newly acquired norm of the Airocean World, replacing the no longer tenable static norm of "at rest" and "death" and its invalidated securities of mass and inertia.

Lincoln's industrially catalyzed awareness that "right" had come to ascendency over "might" is of the essence despite all ignorantly detoured chaos of transition.

There are no invisible masters of World Two. Visible masters are anathema in World World Two is inherently governable only by the complementary integrities of initiative of the individuals of democracy.