

DEEP BLACK

Space Espionage and National Security

By William E. Burrows

A tenth of the way to the moon, in the icy blackness of space, a U.S. reconnaissance satellite pointed toward earth eavesdrops on a telephone conversation between two Soviet generals. Another spacecraft photographs a Soviet aircraft carrier under construction at a distance of 504 miles with such clarity that windows in the shipyard are easily discernible. Still another, racing 24,000 miles over Siberia in eight hours, measures the pulse of Soviet ABM radar while pretending to be a mere communication relay satellite. But however extraordinary the machines, the real heart of space reconnaissance is political, not technical. It is "an immense source of power," as one insider has observed. Tellingly described in **Deep Black** are the personalities and politics of spying from space: the repeated clashes between the Air Force and the CIA over which would control the systems and interpret their findings; the endless duel between the superpowers to conceal their own advanced weapons while penetrating the curtain of the opposition.

Deep Black provides as detailed a look through the intelligence keyhole as can be had without a top security clearance. It shows in vivid detail how Washington keeps tabs on the world while coming to grips with what is probably the most important question of our time: Can the United States adequately verify arms control agreements?

— *from the book*

"Riveting reading of the here and now and of the shape of things to come."
— **Kirkus Reviews**

Random House, 1986, 401 pages, 9½" x 6", hardcover, \$19.95

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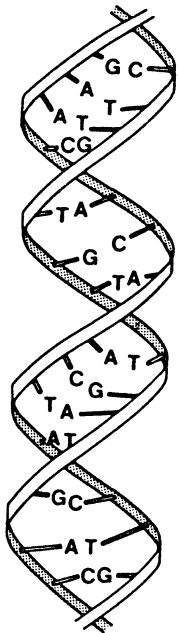
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BIOBURST

The Impact of Modern Biology on the Affairs of Man

By Richard Noel Re

Bioburst: The Impact of Modern Biology on the Affairs of Man is a lucid treatise intended for a general audience. Re introduces the reader to the ever-changing world of molecular biology. He speculates on the possible origin of life in self-replicating molecular strands and then discusses the development of the cell and its components, including the strands of DNA that form the basis of heredity. After showing how scientists have learned to manipulate DNA to alter the genetic composition of individual cells and even of entire species, he reveals how this research is being used to fight diseases like cancer, heart attack and stroke; how it can be used to treat infertility and hereditary diseases of metabolism; and how it may offer a key to the treatment of AIDS and other disorders of the immune system. Re also considers other far-reaching ramifications of the Bioburst revolution: the implications that recombinant DNA research holds for the study of evolution, embryology and gerontology; the changes it will create in the pharmaceutical industry and in the education of future scientists and physicians; and the effect it could have on the environment and the human species itself. Most important, Re discusses the effects of Bioburst on humans' views and their world.

— from the book

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Press,
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