

Charles L. Jackson

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Dr. Jackson received a B.A. degree from Harvard College in Applied Mathematics and the degrees of M.S., E.E., and Ph.D. in Electrical Engineering from the Massachusetts Institute of Technology. At MIT, he specialized in operations research, computer science, and communications. While a graduate student at MIT, he held the faculty rank of Instructor, was a teaching assistant in graduate operations research courses, and codeveloped an undergraduate course in telecommunications.

Dr. Jackson began his career as a computer programmer and worked as both a system programmer and digital designer. At the Federal Communications Commission, he was special assistant to the Chief of the Common Carrier Bureau and engineering assistant to Commissioner Robinson. Dr. Jackson was staff engineer for the Communications Subcommittee of the U.S. House of Representatives. After leaving government, has worked as a consultant and professor. Currently, Dr. Jackson provides consulting services as JTC, LLC and is an adjunct professor of electrical engineering at George Washington University.

Dr. Jackson has written extensively on radio spectrum management and policy, and has consulted on radio spectrum management for the governments of New Zealand, Germany and Panama.

Dr. Jackson has authored or coauthored numerous studies on public policy issues in telecommunications and has testified before Congress on technology and telecommunications policy. Over the last several years, he has also directed or participated in projects on acquisition analysis, market planning, and product pricing. He has written for professional journals and the general press, with articles appearing in publications ranging from *The IEEE Transactions on Computers* to *Scientific American* to *The St. Petersburg Times*. He holds a U.S. patent on an alarm signaling system. Dr. Jackson was appointed by the Secretary of Commerce to the Commerce Department's Spectrum Planning and Policy Advisory Committee and by the Chairman of the FCC to the FCC's Technological Advisory Council (TAC), where he chaired the spectrum working group during the TAC's first term.

Dr. Jackson is a member of the IEEE, the Internet Society, the American Mathematical Society, and Sigma Xi. He is an adjunct professor of electrical engineering and computer science at George Washington University, where he has taught graduate courses on mobile communications, wireless networks and the Internet. From 1982 to 1988, he was an adjunct professor at Duke University.