

BIOGRAPHICAL SKETCH

Fredrick Matos

Fredrick Matos is a senior radio frequency spectrum management policy analyst in the National Telecommunications and Information Administration (NTIA), Office of Spectrum Management, Strategic Spectrum Planning and Reform Division, where he develops domestic spectrum policies.

During June 2003-April 2004, Mr. Matos was detailed to the Coalition Provisional Authority (CPA) in Iraq. Mr. Matos was a senior staff member at the CPA Ministry of Communications where he had a major role in the CPA's nation building efforts. He was the national telecommunications regulator and director of all Iraqi national spectrum management, including licensing and policy making for all spectrum related services. He drafted the cellular telecommunications licenses for the three cellular operators, including negotiation of the license provisions.

In previous positions at NTIA, he developed policies and participated as a member of the U.S. delegation to international spectrum management treaty conferences of the International Telecommunication Union where he negotiated various complex issues. Prior to NTIA, he was a spectrum engineer and project manager at the Department of Defense Electromagnetic Compatibility Analysis Center (ECAC).

Mr. Matos served as senior telecommunications policy adviser and legislative assistant to Congressman Tom Tauke in 1986-88 where he supported the Congressman's activities on the House Subcommittee on Telecommunications.

He initiated and currently teaches a course in radio frequency spectrum management at the George Washington University. He is the NTIA director of the spectrum management training course conducted with the United States Telecommunications Training Institute (USTTI), training spectrum managers from developing countries. He is the author of the book, *Spectrum Management and Engineering*, published in 1985. He was Director of Engineering for the MediAmerica Corporation, a chain of radio broadcasting stations. Mr. Matos holds Bachelor's and Master's degrees in electrical engineering, and is a licensed radio amateur, holding the extra class license. His graduate school research was in computer communications networks. He is a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE), a life member of the International Amateur Radio Club at the ITU in Geneva, and a life member of the American Radio Relay League.

In January 2001, Mr. Matos advised the government of the Arab Republic of Egypt by conducting an extensive evaluation of the spectrum management organization and processes. He was asked by the Egyptian government to review the draft new telecommunications law, and he made extensive comments in all areas of the law.

In May 1996, Mr. Matos coordinated and led a team of experts presenting a special seminar in radio frequency spectrum management to the Panama Canal Commission in Panama. In October 1996, he led another team of experts presenting a special seminar to the Ente Regulador, the newly established telecommunications and spectrum management regulatory agency of the Republic of Panama. Mr. Matos was an adviser to the Ente Regulador in establishing and organizing the spectrum management organization and its procedures, and it is now the most modern spectrum management organization in Latin America.

In May 1997, Mr. Matos was part of a team of experts presenting a spectrum management seminar in Tel Aviv, Israel that included participants from Israel, the Palestine Authority, and Jordan. In all of these cases, the team of experts provided consultation and advice on spectrum management.