

**Biography: Dr. Richard J. Barnett**



Dr. Barnett heads up Telecomm Strategies Inc, headquartered in the Washington DC metropolitan area. TSI is a specialist consulting company consisting of four full-time satellite regulatory and engineering experts based in North America. It provides international regulatory, technical and strategic guidance to many of the major satellite manufacturing and operating companies around the world in the field of satellite communications.

Dr. Barnett graduated from Southampton University (UK) in 1973 with a B.Sc. (Hons) degree in Electronic Engineering, and from the same university in 1977 with a Ph.D. degree based on research into computer modelling of microwave devices. He then worked in the R&D laboratories of the Plessey

Company and the Independent Broadcasting Authority in the UK before moving to France in 1981 where he started specializing in satellite communications systems. He was employed by Thomson-CSF in Paris as a payload systems engineer on the Scandinavian Tele-X communications and broadcasting satellite before joining Eutelsat where, as operations engineer, he was responsible for the operational planning of the Eutelsat satellites for TV applications.

In 1982 Dr. Barnett returned to the UK and joined British Aerospace where he held a variety of senior engineering and technical management positions during the period 1982 to 1990, all involved with the communications engineering and associated regulatory aspects for future commercial satellite communications projects. Throughout this period he specialized in the planning and system design for a wide variety of communications and broadcasting satellite systems. Dr. Barnett moved to the USA in 1990 as the Vice President of Engineering for Asia Pacific Space & Communications Ltd.

Since 1992 Dr. Barnett has been President of Telecomm Strategies Inc., and formed a small but elite team of four full-time regulatory engineers, all with many years of work in the field of international satellite communications regulatory matters. The full-time members of the team are all based in North America, but with special working relationships with other specialists in Australia, Japan, Korea, Russia and Europe. His company provides essential support to companies, and/or their governments, that are becoming established or are expanding their activities in the satellite field, addressing both technical, strategic and regulatory matters. In the domestic US arena he has chaired several US satellite industry working groups that have developed consensus positions relating to Ka-band GSO satellites related to FCC licensing. In the ITU fora he has been an active participant in the groups that studied the introduction of non-geostationary satellite systems, as well as the ongoing international regulation of geostationary satellites. He regularly participates in international frequency coordination meetings on behalf of various satellite operators, involving systems at S, C, X, Ku and Ka-bands.