

1994 Distinguished Service Award

John B. Horton

The Distinguished Service Award is presented to honor an individual who has given outstanding service over a period of years for the benefit and advancement of MTT-S.

This year's honoree is John B. Horton, TRW Systems and Electronics Group. He has served MTT-S and IEEE for many years in a variety of capacities, including as President of MTT-S.

The citation for the Distinguished Service Award reads: "FOR HIS OUTSTANDING AND DEDICATED SERVICE TO THE SOCIETY."

John B. Horton received the BEE degree from George Washington University (1956) and the MSEE degree from the University of Pennsylvania (1964). He is a licensed Professional Engineer in New Jersey. He is a Project Manager, System Engineering, in TRW's System and Electronics Group, Redondo Beach, CA. He is currently on special assignment for new business in satellite communications systems. His experience includes work on the Navy EHF Satcom Program, the NASA 30/20 GHz system Study, TDRSS, several military satellite systems, Shuttle Payload Studies, missile guidance, and airborne and large ground-based radars. His current projects involve new trends in communications, including digital signal transmission, multimedia services, and personal communications systems.

Mr. Horton has had a long association with IEEE, beginning as a Student Member in 1955. He is a Fellow of IEEE and is a member of the MTT, AES, ED, and Com Societies. He began his affiliation with MTT-S as a member of the Steering Committee for the 1965 International Microwave Symposium. Since 1968, he has served on most of the annual MTT symposia, including technical program committee chairman for 1969, special sessions chairman in 1989, MMWMC and NTC Liaison for 1994, and organizer/chairman of numerous focused sessions, workshops, and panels. In the 1960's and 1970's these activities involved microwave integrated circuits, in the 1970's and 1970's millimeter wave subsystems, and in the 1980's to the present microwave systems, during which international participation has become a major part of the microwave systems activities. He is currently a member of the Microwave Systems Technical Committee.

Mr. Horton's Adcom service began with his election to Adcom in 1969. He served on the Adcom for ten years, as Vice President in 1972, President in 1973, and on most of the operating committees, including Chairman of Chapter Activities, Chairman of Technical Committees, Chairman of Awards Committee, and representative to the Solid State Circuits Conference, MILCOM, ICC, and other conferences co-sponsored by MTT-S. He is currently on the MTT-S Budget Committee, Adcom President's Advisory Committee, and is the MTT-S representative and Co-Chairman of the 1994 National Telesystems Conference.

Several other MTT activities he has completed or is currently involved in include Editor of two special issues of the MTT Transactions, member of the Editorial Board for the MTT Transactions (1980 to present) and the MGWL (1990 to present). He has 21 publications and has made 23 presentations at Chapter and Section meetings. He presented the keynote address at the 1973 International Microwave Symposium, Boulder, CO. He was a member of the 1974 IEEE Delegation to the USSR Popov Congress. He is currently the Adcom Liaison for the UK/RI MTT/AP/ED Chapter.

