Bio

Wayne Bonser
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Mr. Bonser has worked for the Air Force in Research & Development for 25 years. During his first 11 years he worked for the Rome Air Development Center's Longwave Communications Section. He was a lead engineer in the development of VLF/LF communications technology, as applied to the Minimum Essential Communications Network (MEECN). Mr. Bonser was also the center of expertise for Adaptive HF communications and the program manager for the tri-service program known as "New Look" (sponsored by the Defense Communications Agency). He was also involved with meteor burst communications and buried antenna programs.

During the period August 1984 through August 1989, Mr. Bonser was employed as a Principal Scientist at the SHAPE Technical Centre, The Hague, The Netherlands. His principle responsibilities there involved developing and applying interference cancellation techniques to NATO communications problems. This involved the L-band Troposcatter system known as ACE High. He was also involved with adaptive interference cancellation techniques as applied to mobile microwave (C-band) and Meteoric Scatter systems.

After his return to Rome Lab in 1989, he was the focal point for Special Operations Forces (SOF). In this role he was further employed as an alternate AF contact for the Joint Service LPI/D working and as an INFOSEC development advisor for communications. In 1992, Mr. Bonser took the leadership role as Program Manager for the multiband mulitmode Joint Service and DARPA program known as SPEAKeasy. The SPEAKeasy program produced an open architecture, software defined radio. He was also responsible for the formation of the international software radio forum known as MMITS. Mr. Bonser is currently the Technical Advisor to the AFRL Information Connectivity Branch and is the manager of AFRL’s Global Grid Integrated Technology Thrust Program.

Throughout his career, Mr. Bonser has been involved with advanced communications techniques and programs, covering the spectrum from VLF through SHF Microwave. He has chaired symposia, written many technical reports, and made presentations to international audiences. Mr. Bonser has taught courses for the IEEE, and been a guest lecturer at the NATO Communications School, Latina Italy. He has several inventions to his credit and holds an Air Force Patent.