

## Speaker's short bios

### **Mr. Masao Shinozaki**

Mr. Masao Shinozaki is the Director of Aids to Navigation Engineering Division, Maritime Traffic Department, Japan Coast Guard (JCG).

He graduated from the Waseda University graduate school and joined JCG.

Between April, 2002 and April, 2003, he served as the Director in Radio Aids to Navigation Division, in JCG Headquarters in charge of Radio Aids to Navigation such as Loran-C and DGPS.

Since the department was re-organized from the former Aids to Navigation Department to the present Maritime Traffic Department in April, 2003, he has been the Director of Engineering Division which all visual and radio aids to navigation services were combined.

### **Mr. Langhorne Bond**

Mr. Langhorne Bond has operated Bond and Associates in Washington, D. C. since 1986, representing a number of aviation-related clients. Previously, Langhorne served in a variety of governmental roles, beginning as Special Assistant to the Undersecretary of Commerce for Transportation and later as Special Assistant to the Secretary of Transportation. He participated in the process during which the U.S. Department of Transportation was formed, and later served as DOT's Assistant Administrator for Public Affairs, Urban Mass Transit Administration. He served as Executive Director and CEO of the National Transportation Center in Pittsburgh, developing high-capacity and non-polluting transit buses. He then served as Secretary of Transportation for the State of Illinois. In 1977, President Jimmy Carter appointed Langhorne to be the Administrator of the U.S. Federal Aviation Administration where he served until 1981. He is a past President of the American Association of State Highway Officials and was Chairman of the U.S. Delegation to the 1980 ICAO Assembly. In 1999 he received the Glen Gilbert Award from the Air Traffic Control Association. He received a law degree from the University of Virginia, and attended McGill University and the London School of Economics.

### **Dr. Sally Basker**

Dr. Sally Basker is Director of Navigation at Helios Technology Ltd. She holds a B.Eng in Civil Engineering and a Ph.D in Space Geodesy both from the University of Nottingham. She is a Fellow of the Royal Institute of Navigation and a Member of the (US) Institute of Navigation. Dr. Basker has been the project manager of this ERNP study.

### **Professor David Last**

Professor David Last holds a Personal Chair in the University of Wales and is Head of the Radio-Navigation Group at Bangor. He was awarded the university degrees of BSc(Eng) at Bristol, England, in 1961, a PhD at Sheffield, England, in 1966, and a DSc by the University of Wales in 1995. Prof. Last is a former Vice-President of the Royal Institute of Navigation, a Fellow of the Institution of Electrical Engineers and a Chartered Engineer. He has published many papers on navigation systems, including Loran-C, Decca Navigator, Argos, Omega, Marine Radiobeacons, GPS and DGPS. He acts as a Consultant on radio-navigation and communications to companies and to governmental and international organisations. He is an instrument-rated pilot and user of terrestrial and satellite navigation systems.

### **Mr. Mitchell J. Narins**

Mr. Narins is the Senior Navigation Systems Engineer in the FAA's Navigation and Landing Product Team who, in addition to managing a number of navigation and landing programs, leads the FAA/USCG/Academic/Industry Team evaluating whether the Loran system can provide benefits to the aviation, maritime, and timing and frequency communities.

Mr. Narins has held a number of positions at the FAA, including Program Manager for Terminal ATC Automation, Lead for Next Generation Air-to-Ground Communications, Lead for NAS Infrastructure Management System Master Planning, Team Lead for Electronic Navigation Systems, and Program Manager for Systems Engineering and Integration Support.

Prior to coming to FAA, Mr. Narins headed the US Marine Corps Special Project Office's Communications Terminal and Electronic Warfare branches at the Naval Electronic Systems

Command, worked as a standards and facilities engineer at the Federal Communications Commission's Field Operations Bureau and served as a US Peace Corps Volunteer.

In addition to his thirty years of program management experience, Mr. Narins holds a Bachelor of Engineering (EE) degree from the City College of New York, a Master of Engineering Administration/Management degree from the George Washington University, and is a Certified Information Systems Security Professional (CISSP).