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ILA Awards Committee Report for the
International Loran Association
2005 Awards Presentations

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Medal of Merit:

Mitchell Narins and George T. Gunther for contributions to the acceptance of Loran-C and e-Loran as a backup for GPS.

John M. Beukers Technical Innovation Award:

Durk van Willigen, for the development and demonstration of EUROFIX.

President's Award:

David Waters, Canadian Coast Guard

Outstanding Service Awards:

Tamotsu Ikeda, Chairman, ILA Convention and Technical Symposium, 2004

Erik Johannessen, Co-Chairman, ILA Convention and Technical Symposium, 2004

Gerard Offermans, Technical Chair, ILA Convention and Technical Symposium, 2004

2003 Technical Symposium

Best Paper Award:

Dr. Paul Williams & Dr David Last, "Extending the Range of Loran-C ASF Modeling", International Loran Association 2004 Convention and Technical Symposium, Tokyo, Japan, 25-27 October, 2004

William L. Polhemus

Best Student Paper Award:

Wouter Pelgrum, Arthur Helwig, Gerard Offermans, Durk van Willigen, Erik Johannessen and Andrei Grebnev, "Differential Loran Measurement Results in the Tampa Bay Harbor", International Loran Association 2004 Convention and Technical Symposium, Tokyo, Japan, 25-27 October, 2004

William F. Roland, Chair, Awards Committee, 12 October, 2005



International Loran Association

Medal of Merit

Mitchell Narins

Mitchell Narins, a Senior Navigation Systems Engineer with the Federal Aviation Agency, led his team of FAA, Coast Guard and contract engineers and technicians in a successful program to evaluate the use of Loran-C to mitigate the vulnerabilities of the Global Positioning System. He demonstrated dynamic leadership and technical excellence managing this cross organizational team and creating new e-Loran functionality in communications and in aviation, maritime and terrestrial applications. His efforts led to the on time completion of the Loran Technical Evaluation Report, provided to DOT for program decisions on the mix of federally provided radionavigation systems.

For his dedicated interest and thorough knowledge of Loran-C, his use of new technology to increase function and performance, and his contributions to the implementation of integrated navigation,

*The International Loran Association presents
Mitchell Narins with its most prestigious award,*

The Medal of Merit

Presented this 19th day of October, 2005



G. Linn Roth, President



International Loran Association

Medal of Merit

George T. Gunther

George T. (Tom) Gunther led the government, industry and academic team that conducted groundbreaking research on Loran-C performance and applications. The team developed and proved innovative approaches to previously intractable radionavigation integrity problems and documented its findings in a report to the Secretary of Transportation. As technical director of this highly regarded team, Tom's personal standing among this unique group of scholars enabled him to convey complex technical analyses to a policy level audience, while retaining the trust and confidence of the researchers. U.S. and international navigation policy will be impacted for years and cost effective systems can be brought into the internationally supported mix of complementary radionavigation technologies.


For his dedicated interest and thorough knowledge of Loran-C, his use of new technology to increase function and performance, and his contributions to the implementation of integrated navigation,

*The International Loran Association presents
George T. Gunther with its most prestigious award,*

The Medal of Merit

Presented this 19th day of October, 2005




G. Linn Roth, President

International Loran Association

President's Award

David Waters

David Waters is completing a distinguished career in the Canadian Department of Fisheries and Oceans. He has been and continues to be a champion for Loran services in Canada and throughout the world. Beyond simply advocating Loran service in the region, he has been exceptionally effective in providing key technical and policy leadership in coordinating Loran efforts in North America and across the Atlantic Ocean.

*In recognition of his leadership and outstanding contributions to Loran-C and the ILA,
The International Loran Association presents:*

The President's Award

Presented this 19th day of October, 2005

A handwritten signature in dark ink, appearing to read 'G. Linn Roth', written over a horizontal line.

G. Linn Roth, President

International Loran Association

Outstanding Service Award

This is to certify that
Tamotsu Ikeda

*By virtue of his contributions to Loran and the Association as
General Chair of the
International Loran Association
33rd Annual Convention and Technical Symposium 2004,
has significantly fostered the Aims and Purposes of
The International Loran Association.*

*Presented this Presented this 19th day of October, 2005
By Authority of the Board of Directors*

William F. Roland, Chair, Awards Committee



International Loran Association

Outstanding Service Award

This is to certify that
Erik Johannessen

*By virtue of his contributions to Loran and the Association as
Co-Chair of the
International Loran Association
33rd Annual Convention and Technical Symposium 2004,
has significantly fostered the Aims and Purposes of
The International Loran Association.*

*Presented this Presented this 19th day of October, 2005
By Authority of the Board of Directors*

William F. Roland, Chair, Awards Committee



International Loran Association

Outstanding Service Award

This is to certify that

Gerard Offermans

*By virtue of his contributions to Loran and the Association as
Technical Chair of the
International Loran Association
33rd Annual Convention and Technical Symposium 2004,
has significantly fostered the Aims and Purposes of
the International Loran Association.*

*Presented this Presented this 19th day of October, 2005
by Authority of the Board of Directors*

William F. Roland, Chair, Awards Committee

International Loran Association

Best Paper Award

Dr. Paul Williams

University of Wales

*Is recognized for his outstanding contribution to Loran and the Association
in the Preparation and Presentation of the paper:*

“Extending the Range of Loran-C ASF Modeling”

*at the 33rd Annual International Loran Association
Convention and Technical Symposium 2004*

*Presented this 19th day of October, 2005
By Authority of the Board of Directors*

William F. Roland, Chair, Awards Committee



International Loran Association

Best Paper Award

Dr. David Last

University of Wales

*Is recognized for his outstanding contribution to Loran and the Association
in the Preparation and Presentation of the paper:*

“Extending the Range of Loran-C ASF Modeling”

*at the 33rd Annual International Loran Association
Convention and Technical Symposium 2004*

*Presented this 19th day of October, 2005
By Authority of the Board of Directors*

William F. Roland, Chair, Awards Committee



International Loran Association
William L. Polhemus Student Paper Award

Wouter Pelgrum

Technical University of Delft

*Is recognized for his outstanding contribution to Loran and the Association
in the Preparation and Presentation of the paper:*

“Differential Loran Measurement Results in the Tampa Bay Harbor”

*at the 33rd Annual International Loran Association
Convention and Technical Symposium 2004*

*Presented this day the 19th of October, 2005
by Authority of the Board of Directors*

William F. Roland, Chair, Awards Committee



International Loran Association

John M. Beukers Award for Technical Innovation

In 1989, Professor Dr Durk van Willigen proposed the Eurofix concept of integrated navigation, in which GPS and GLONASS differential corrections and integrity information are broadcast using Loran-C. Then, as holder of the chair in Electronic Navigation Systems at the Delft University of Technology, the Netherlands, and as President of Reelektronika bv, he led the team of researchers who implemented his proposal within the European and other Loran systems.

*In recognition of his innovative analysis and implementation of this dramatic application of the Loran-C service, and the great positive impact on users and providers of the service,
The International Loran Association
Presents the John M. Beukers Award for Technical Innovation to:*

Professor Dr. Durk van Willigen

Presented this 19th day of October, 2005



G. Linn Roth, President