

ILA Awards Committee Report for the
International Loran Association
2009 Awards Presentations

Medal of Merit:

Sherman Lo Work on LORIPP/LORAPP/RTCM SC-127

John M. Beukers Technical Innovation Award:

Nautel/UrsaNav development of Class D Loran Transmitter

President's Award:

Alan Cameron: For his Good GPS World press on eLoran.

Outstanding Service Awards:

Orlando - ILA-36, 2007 -- Service awards John Beukers, William Roland (Co-Chairs);
Sherman Lo (Technical Chair)

London ILA-37, 2008 -- Service awards Sally Basker (Chair), Paul Williams (Technical
Chair), Kathy Hossain (Royal Institute of Navigation Coordinator).

Best Paper Award:

Jim Doherty: Presentation on work on the IAT

William L. Polhemus

Best Student Paper Award:

2007 Di Qiu: Geoencryption application

2008 Jan Safar: New kid on the block gives weight on the European efforts on eLoran

Respectfully submitted,

William F. Roland, Scribe
10 October 2009

International Loran Association

John M. Beukers Award for Technical Innovation

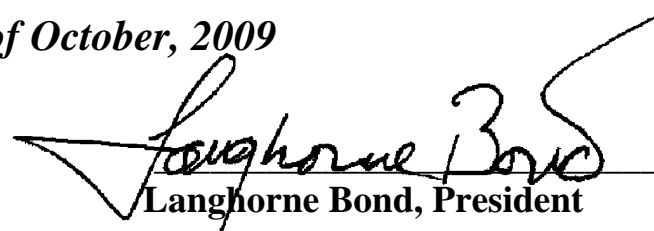
Ursa Navigation Solutions, Inc. is cited for their participation with Nautel in the development of an innovative new Loran-C and eLoran transmitter. The transmitter uses the latest techniques of Class D operation, providing exceptional control of all pulse characteristics. Additionally the team developed regenerative antenna damping resulting in better pulse tail shape control and improving overall efficiency. With its precision pulse drive control and damping, as well as small footprint, efficiency and ability to provide both Loran-C and eLoran signals this advancement reduces the cost of service implementation and operation, benefitting both service providers and users.

In recognition of this innovative new design and the implementation of this dramatic application for the Loran-C and eLoran 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:*

Ursa Navigation Solutions, Inc.

Presented this 14th day of October, 2009



Langhorne Bond, President

International Loran Association

John M. Beukers Award for Technical Innovation

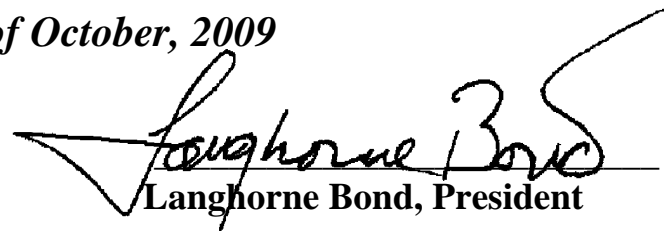
Tim Hardy and the Nautel team are cited for their development of an innovative new Loran-C and eLoran transmitter. The transmitter uses the latest techniques of Class D operation, providing exceptional control of all pulse characteristics. Additionally the team developed regenerative antenna damping resulting in better pulse tail shape control and improving overall efficiency. With its precision pulse drive control and damping, as well as small footprint, efficiency and ability to provide both Loran-C and eLoran signals this advancement reduces the cost of service implementation and operation, benefitting both service providers and users.

In recognition of this innovative new design and the Nautel team's implementation of this dramatic application for the Loran-C and eLoran 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:*

Tim Hardy & the Nautel Team

Presented this 14th day of October, 2009



Langhorne Bond, President

International Loran Association

Outstanding Service Award

This is to certify that

John Beukers

*By virtue of his contributions to Loran and the Association as
Co-Chair of the
International Loran Association
36th Annual Convention and Technical Symposium 2007,
has significantly fostered the Aims and Purposes of
The International Loran Association.*

Presented this Presented this 15th day of October, 2009

By Authority of the Board of Directors

William F. Roland, for the Awards Committee

International Loran Association

Outstanding Service Award

This is to certify that

William Roland

*By virtue of his contributions to Loran and the Association as
Co-Chair of the
International Loran Association
36th Annual Convention and Technical Symposium 2007,
has significantly fostered the Aims and Purposes of
The International Loran Association.*

Presented this Presented this 15th day of October, 2009

By Authority of the Board of Directors

William F. Roland, for the Awards Committee

International Loran Association

Outstanding Service Award

This is to certify that
Sherman Lo

*By virtue of his contributions to Loran and the Association as
Technical Chair of the
International Loran Association
36th Annual Convention and Technical Symposium 2007,
has significantly fostered the Aims and Purposes of
The International Loran Association.*

Presented this Presented this 15th day of October, 2009

By Authority of the Board of Directors

William F. Roland, for the Awards Committee

International Loran Association

Outstanding Service Award

This is to certify that
Paul Williams

*By virtue of his contributions to Loran and the Association as
Technical Chair of the
International Loran Association
37th Annual Convention and Technical Symposium 2008,
has significantly fostered the Aims and Purposes of
The International Loran Association.*

Presented this Presented this 15th day of October, 2009

By Authority of the Board of Directors

William F. Roland, for the Awards Committee

International Loran Association

Outstanding Service Award

This is to certify that

Kathy Hossain

*By virtue of her contributions to Loran and the Association as
Royal Institute of Navigation Coordinator for the
International Loran Association
37th Annual Convention and Technical Symposium 2008,
has significantly fostered the Aims and Purposes of
The International Loran Association.*

Presented this Presented this 15th day of October, 2009

By Authority of the Board of Directors

William F. Roland, for the Awards Committee

International Loran Association

Outstanding Service Award

This is to certify that
Sally Basker

*By virtue of her contributions to Loran and the Association as
Chair of the
International Loran Association
37th Annual Convention and Technical Symposium 2008,
has significantly fostered the Aims and Purposes of
The International Loran Association.*

Presented this Presented this 15th day of October, 2009

By Authority of the Board of Directors

William F. Roland, for the Awards Committee

International Loran Association

Best Paper Award

James T. Doherty

Institute for Defense Analysis

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

“A Perspective on the Future of eLoran”

*at the 37th Annual International Loran Association
Convention and Technical Symposium 2008*

*Presented this 14th day of October, 2009
By Authority of the Board of Directors*

William F. Roland, for the Awards Committee

International Loran Association
William L. Polhemus Student Paper Award

Jan Safar

Czech Technical University in Prague

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

“Group Repetition Interval Selection for eLoran”

*at the 37th Annual International Loran Association
Convention and Technical Symposium 2008*

*Presented this day the 15th of October, 2009
by Authority of the Board of Directors*

William F. Roland, for the Awards Committee

International Loran Association
William L. Polhemus Student Paper Award
Di Qui

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

“Geoencryption Using Loran”

*at the 36th Annual International Loran Association
Convention and Technical Symposium 2007*

*Presented this day the 15th of October, 2009
by Authority of the Board of Directors*

William F. Roland, for the Awards Committee

International Loran Association

Medal of Merit

Dr. Sherman Lo

Dr. Lo is cited for his continuing dedication and achievement at the task of establishing the ability of eLoran to meet the very stringent availability, integrity and continuity requirements of the aviation and maritime operating environments.

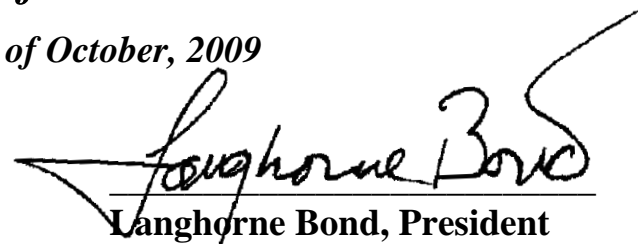
Beginning with his graduate work at Stanford University and continuing after graduation he pursued the goal of establishing the ability of eLoran to meet the aviation requirements for availability, integrity and continuity for navigation services. His work lead him to the roll of lead investigator for the Loran Integrity Performance Panel. He has been able to develop close, trusting relationships throughout the industry and ultimately he became key author of the panel's 2004 technical report to the U.S. Dept of Transportation Undersecretary of Policy.

Dr. Lo has continued his outstanding support to the world wide Loran community and particularly to the eLoran development efforts. Specifically, he is supporting the Radio Technical Commission for Maritime Services, Special Committee 127, developing the eLoran standards for maritime services.

In recognition of his outstanding leadership, commitment to Loran-C, and technical skills, the International Loran Association presents its most prestigious award:

The Medal of Merit

Presented this 15th day of October, 2009



Langhorne Bond, President

International Loran Association

President's Award

Alan Cameron

Alan Cameron is cited for his continuing dedication to assuring reliable services to the transportation industry.

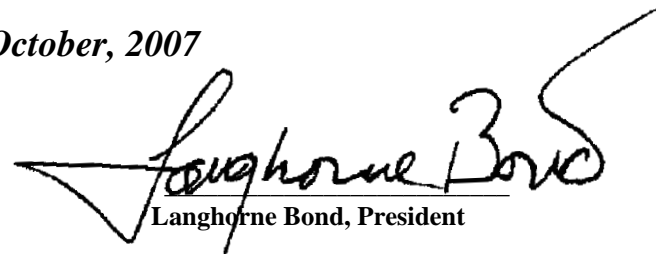
As Editor-in-Chief of GPS World magazine, Alan Cameron has shown great interest in assuring impartial discussions of GPS vulnerabilities, and, highlighting methods of mitigation, including eLoran. He has encouraged accurate and balanced discussion, resulting in wide-spread knowledge of the availability of low-cost eLoran services.

In recognition of his journalistic leadership, his long-term commitment to communicating the need for robust and resilient PNT, and for the insight that he brings to governments, industry and users,

The International Loran Association presents:

The President's Award

Presented this 17th day of October, 2007



Langhorne Bond, President