

ILA Awards Committee Report for the  
**International Loran Association**  
**2007 Awards Presentations**

**Medal of Merit:**

**Sally Basker  
James Doherty  
William Brogdon**

**John M. Beukers Technical Innovation Award:**

**Paul Johannessen & The Megapulse Team**

**President's Award:**

**Dr. David Diggle**

**Outstanding Service Awards:**

Greg Johnson, Chairman, ILA Convention and Technical Symposium, 2006

Prof Peter Swaszek, Technical Chairman ILA Convention and Technical Symposium,  
2006

Joanne Guiterrez, Outstanding Financial Services Technician, Megapulse, Inc.

Christine Cleary, Outstanding Poster Art Technician, Megapulse, Inc.

**Best Paper Award:**

"Recent Ohio University Loran-C Atmospheric Noise Flight Test Results", Curtis Cutright,  
Janet Blazyk, David Diggle and Frank van Graas, Ohio University

**William L. Polhemus**

**Best Student Paper Award:**

none

Respectfully submitted,

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William F. Roland, Chair, Awards Committee

13 October 2007

# **International Loran Association**

## **Medal of Merit**

### **Captain James T. Doherty**

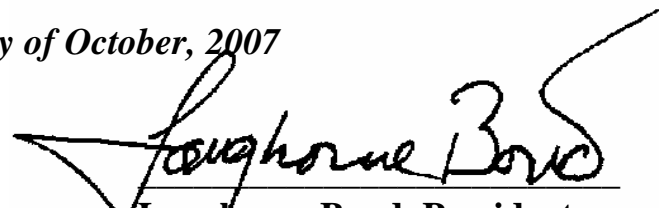
*Throughout his US Coast Guard career, Captain James Doherty was a determined advocate for deliberate, reasoned and unemotional decision making, particularly as concerns PONT systems. He demonstrated these outstanding qualities as Commanding Officer of the USCG Navigation Center, notably in the management of the Civil GPS Service Interface Committee (CGSIC) and the Loran-C Control Center, in the face of powerful conflicts between supporters of GPS and supporters of Loran-C.*

*After his retirement from the USCG, the qualities he displayed in that office led him to become a key member, ultimately to serve as Executive Director of the high level Independent Assessment Team (IAT). The IAT is a Secretary level group charged with making the final recommendation on the continuation of Loran-C. He brought broad technical knowledge of both systems, understanding of the techno-political situation and his keen objective outlook in negotiation to the IAT. His effective management style, speaking ability and unflagging efforts to bring needed closure to the Loran-C continuation decision process have contributed substantially to Secretary level agreement on the IAT Loran-C continuation recommendation.*

*In recognition of his outstanding analysis, negotiation, and coordination skills in bringing this very positive recommendation to fruition, the International Loran Association presents Captain James T. Doherty with its most prestigious award:*

### ***The Medal of Merit***

*Presented this 17<sup>th</sup> day of October, 2007*



Langhorne Bond, President

# International Loran Association

## Medal of Merit

### Dr. Sally Basker

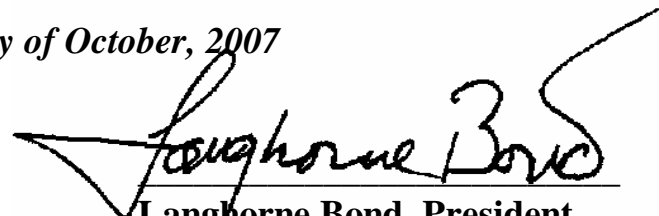
*Dr Sally Basker as Director of Research and Radionavigation for the General Lighthouse Authorities (GLAs) of the United Kingdom and Ireland, carries a key leadership role as the GLAs move from a service based primarily on lighthouses and buoys to one based on radio-navigation systems.*

*Dr. Basker has clearly articulated the case for e-Navigation. She has identified a maritime world of ever-larger and faster vessels and increasing congestion, in which mariners on one or two man bridges become less able to cope with the loss of their satellite navigation systems. Identifying that only enhanced Loran can meet the need for a dissimilar, complementary, multi-modal and independent source of position navigation and time, she has driven forward eLoran development. Her influence on government has led to the recent announcement of a fifteen-year contract for the provision of a state-of-the-art eLoran radionavigation service to enhance the future safety of mariners in the waters of the UK and Ireland.*

*In recognition of her outstanding technical and management leadership, and understanding of the need for GNSS backup, the International Loran Association presents Dr. Sally Basker with its most prestigious award:*

### *The Medal of Merit*

*Presented this 16<sup>th</sup> day of October, 2007*



Langhorne Bond, President

# **International Loran Association**

## **Medal of Merit**

### **Captain William J. Brogdon**

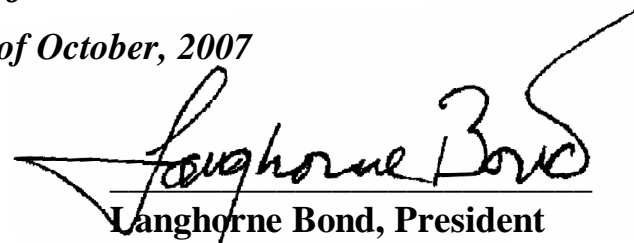
*Captain Brogdon is cited for his long career in the U. S. Coast Guard and in retirement, as an advocate for better safety at sea and for his strong belief that reliance on a single source of position information will lead to unsafe navigation.*

*During his Coast Guard career assignment to Aids to Navigation, he developed a significantly more accurate method for setting floating aids, greatly reducing the grounding risk for commercial vessels in channels. After retirement from the Coast Guard, Captain Brogdon wrote for magazines and called for requirements to use multiple electronic navigation systems. He reasoned that navigators were losing competence in manual navigation processes and needed redundancy in electronic systems to allow for loss of any one system. He spoke regularly and emphatically for the continuation of the Loran-C service, as the most useful and cost effective backup to GPS service.*

*In recognition of his outstanding leadership, commitment to Loran-C, understanding of the need for GNSS backup, and honoring the memory of his dedicated participation in our works, the International Loran Association presents Joyce Sidey Brogdon with its most prestigious award:*

### ***The Medal of Merit***

*Presented this 17<sup>th</sup> day of October, 2007*



Langhorne Bond, President

# International Loran Association

## President's Award

### Dr. David Diggle

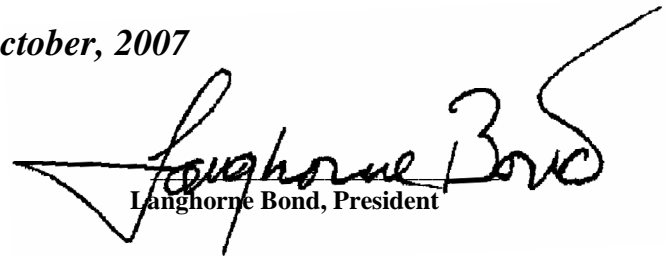
*Dr. David Diggle is cited for his outstanding contributions to Loran-C, both in technical efforts to demonstrate acceptable Loran-C performance in aircraft, and in his efforts to inform the international navigation community of the capabilities of Loran-C.*

*He ensured that Ohio University's King Air aircraft was made available and equipped with appropriate measurement devices for the FAA Evaluation Team's tests and evaluation efforts. He advocated and participated in controlled high voltage discharge tests and participated in many hours of actual flight tests, demonstrating that h-field antennas will resolve all major concerns with Loran-C reception under adverse weather conditions. Dr. Diggle attended and presented test result information at fora in the US and Europe, gaining greater world-wide acceptance of the potential for use of Loran-C in aircraft.*

*In recognition of his knowledgeable, enthusiastic, inspirational and most dedicated support of Loran-C and his efforts to establish enhanced Loran – eLoran - as the position, navigation and time backup for the critical infrastructure of the USA, the International Loran Association presents Dr. David Diggle:*

### The President's Award

*Presented this 17<sup>th</sup> day of October, 2007*



Langhorne Bond, President

# **International Loran Association**

## **John M. Beukers**

### **Award for Technical Innovation**

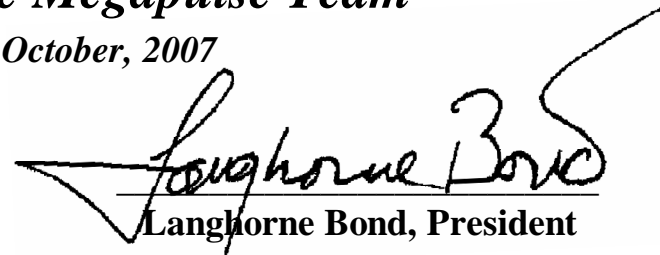
*Disruptive Innovation is defined as a technological innovation, product, or service that eventually overturns the existing dominant technology. It is radical, meets with opposition, and flies in the face of tradition. Such was Dr. Paul Johannessen's conception and the Megapulse team's development of the high-power solid state Loran-C transmitter that revolutionized and eventually replaced the classic vacuum tube transmitters in loran transmitting stations. The impact of lower cost solid state transmitter technology on the operation and support of Loran-C stations mandated, even without long-term plans for operation, the replacement of all North American transmitters. The technology also made it economically feasible for interested nations in Europe and Asia to establish new Loran-C services.*

*Through perseverance and against all odds Dr. Johannessen's innovative talent produced technological breakthroughs of immense significance that made the continued operation of loran economically possible. The technological advances directly related to his work have provided the basis for the evolution of loran systems making them compatible with and a viable alternative to satellite navigation constellations, thereby ensuring the longevity of loran.*

*The International Loran Association makes this award with gratitude for their invaluable contribution to loran*

***Paul R. Johannessen & the Megapulse Team***

*Presented this 17<sup>th</sup> day of October, 2007*



Langhorne Bond, President

**International Loran Association**  
**Outstanding Service Award**

**This is to certify that**

**Dr. Gregory Johnson**

*By virtue of his contributions to Loran and the Association as  
General Chair of the  
International Loran Association  
35<sup>th</sup> Annual Convention and Technical Symposium 2006,  
has significantly fostered the Aims and Purposes of  
The International Loran Association.*

*Presented this Presented this 16<sup>th</sup> day of October, 2007*

*By Authority of the Board of Directors*

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**William F. Roland, Chair, Awards Committee**

**International Loran Association**  
**Outstanding Service Award**

**This is to certify that**

**Professor Peter Swaszek**

*By virtue of his contributions to Loran and the Association as  
Technical Chair of the  
International Loran Association  
35<sup>th</sup> Annual Convention and Technical Symposium 2006,  
has significantly fostered the Aims and Purposes of  
The International Loran Association.*

*Presented this Presented this 16<sup>th</sup> day of October, 2007*

*By Authority of the Board of Directors*

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**William F. Roland, Chair, Awards Committee**



**International Loran Association**  
**Outstanding Service Award**

**This is to certify that**  
**Joanne Guiterrez**

*By virtue of her contributions to Loran and the Association as outstanding  
Financial Management Technician  
for the International Loran Association  
has significantly fostered the Aims and Purposes of  
The International Loran Association.*

*Presented this 16<sup>th</sup> day of October, 2007*

*By Authority of the Board of Directors*

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**William F. Roland, Chair, Awards Committee**

**International Loran Association**  
**Outstanding Service Award**

**This is to certify that**  
**Christine Cleary**

*By virtue of her contributions to Loran and the Association as outstanding  
Poster Art Technician  
for the International Loran Association  
has significantly fostered the Aims and Purposes of  
The International Loran Association.*

*Presented this 16<sup>th</sup> day of October, 2007*

*By Authority of the Board of Directors*

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**William F. Roland, Chair, Awards Committee**

# **International Loran Association**

## **Best Paper Award**

**Curtis Cutright**

*Ohio University*

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

**“Recent Ohio University Loran-C Atmospheric Noise  
Flight Test Results”**

*at the 35<sup>th</sup> Annual International Loran Association  
Convention and Technical Symposium 2006*

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**William F. Roland, Chair, Awards Committee**

# **International Loran Association**

## **Best Paper Award**

**Dr. David Diggle**

*Ohio University*

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

**“Recent Ohio University Loran-C Atmospheric Noise  
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**William F. Roland, Chair, Awards Committee**

# **International Loran Association**

## **Best Paper Award**

**Janet Blazyk**

*Ohio University*

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

**“Recent Ohio University Loran-C Atmospheric Noise  
Flight Test Results”**

*at the 35<sup>th</sup> Annual International Loran Association  
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**William F. Roland, Chair, Awards Committee**

# **International Loran Association**

## **Best Paper Award**

**Frank van Graas**

*Ohio University*

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

**“Recent Ohio University Loran-C Atmospheric Noise  
Flight Test Results”**

*at the 35<sup>th</sup> Annual International Loran Association  
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**William F. Roland, Chair, Awards Committee**