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DAILY SCHEDULE

Saturday, November 11

4th Meeting of the GAUSS Initiative (Council room)

Jan-Hendrik Oltmann, Chairman, Linn Roth, Vice Chairman, Michael Hoppe, Secretary

Sunday, November 12

Conference Registration (Pre-function area)

ILA Board of Directors Meeting (Council room)

Icebreaker Reception – informal (Federal North)

Cash Bar and Hors d'oeuvres Buffet

Monday, November 13

Registration (Pre-function area)

Speakers Breakfast (daily session chairs & presenters) (Judicial room)

Technical Session I: Radionavigation Policy & Plans

Session Chair: Terje Jørgensen

[Opening Address – "Reality and Radionavigation"](#)

Dr. G. Linn Roth, ILA President and President, Locus, Inc.

[Keynote Address – "Loran: Coming Home?"](#)

Professor David Last, University of Wales, and Vice President, Royal Institute of Navigation

["Loran-C & Galileo, A European Navigation Solution,"](#)

Offermans, van Willigen, Helwig & Vincent (Reelektronika, Alcatel Space Industries)

["Loran-C/Eurofix in Europe – A NELS Status Report,"](#)

Jørgensen (NELS)

Session Break

["1999 Federal Radionavigation Plan and Development of the 2001 Edition,"](#)

Shirer (US DOT)

["Evolution of Radionavigation Concepts – A Sole System vs. A Dual System,"](#)

Pinker, Mastic & Smith (ANSER)

Luncheon – ILA President's Award to Wisconsin Senator Herb Kohl

Speaker – [RADM Kenneth Venuto, Director of Operations Policy, USCG](#)

Technical Session II: Radionavigation Policy & Plans, con't.

Session Chair: Langhorne Bond

[US Congressional Panel Discussion: "Loran – A View From The Hill"](#)

Moderator: Larry P. Barnett (AB Management Assoc.)

Panel Members: Richard Efford, Jeff Grove, Eileen Hattan-Lynch and Steve Kozak

["Brief Remarks from the National Boating Federation,"](#)

David Goodman, Publicity Director and Editor, NBF Lookout

Session Break

"GPS Vulnerability Study,"

Beukers (Beukers Technologies)

"Federal Aviation Administration Ongoing Loran-C Program Activities,"

Narins (FAA)

"Loran – Past, Present and Future,"

Beukers (Beukers Technologies)

"The Loran-C Resource in China and Its Potential Applications,"

Wu, Bian & Li (Shaanxi Astronomical Observatory)

Tuesday, November 14

Speakers Breakfast (daily session chairs & presenters) (Judicial room)

Registration (Pre-function area)

ILA Members Meeting (Federal North)

Technical Session III – Loran Technology, Performance & Receivers

Session Chair: Dr. Robert Lilley

"Operational Status of Equipment Modernizations,"

Rice & Fowler (USCG)

"Loran Recapitalization Project (LRP),"

Arsenault (USCG)

"Performance Evaluation of IFFT Technique for Skywave Detection in Loran-C Receivers,"

Mohammed & Last (Univ of Karlskrona/Ronneby, Univ of Wales)

"Propagation of Loran-C Signals in Irregular Terrain – Part I: Modelling,"

Last, Williams & Dykstra (Univ of Wales, USCGA)

Session Break

"Propagation of Loran-C Signals in Irregular Terrain – Part II: Measurements,"

Dykstra, Last & Williams (USCGA, Univ of Wales)

"Covariance Analysis for On-the-Fly ASF Calibration During Multichain Navigation,"

Cruz (Illgen Simulation Technologies)

"Accuracy and Integrity Potential of Multichain Navigation,"

Cruz & Stoeckly (Illgen Stimulation Technologies)

Luncheon (Federal North) – "The Significance of SA Off"

Speaker: Langhorne Bond, former FAA Administrator

Technical Session IV – Loran Technology, Performance & Receivers, con't.,

Session Chair: Professor David Last

"Loran-C Windfinding in Meteorology,"

Jaatinen & Kajossaari (Vaisala). Presented by K. Goss (Vaisala)

"Loran Applications in Telecommunications Timing,"

Walsh (Motorola)

"Results of Preliminary Flight Evaluations Comparing the Performance of H-Field and E-Field Loran-C Antennas in the Presence of Precipitation Static,"

Edwards (Ohio University)

"Use of a Single Analog-to-Digital Converter for Dual-Loop Loran H-field Antenna,"

Hannon, Ren, Schick & Weikert (Locus)

Session Break

"GLORIA: GNSS & Loran-C in Road & Rail Applications,"

Mauer (MAN Technologie)

"Application of Current Technology to Loran-C Receiver/Processor,"

DeLorme (Lormega Systems)

"GAUSS Initiative Status Review: Development of International Receiver Standards,"

Oltmann & Roth (German Federal Waterways & Shipping Admin, Locus, Inc.)

"Update on the Activities of the RTCM SC-104, Working Group on Loran-Comm,"

Roland (PVT Associates)

Formal Banquet & Awards Ceremony

Tuesday Evening, November 14th

Cash Bar 6:30pm
Dinner/Awards 7:30pm

"Air Safety"

Featured speaker: David Evans
Managing Editor, Air Safety Week

Wednesday, November 15

Speakers Breakfast (daily session chairs & presenters) (Judicial Room)

Registration (Pre-function area)

Technical Session V: Integrated Systems – Technology, Performance & Products,

Session Chair: William F. Roland

"Data Transmission Using Loran-C,"

Lo & Enge (Stanford Univ.)

"High-Speed Loran-C Data Channel Communications,"

Boyer (USCG)

"Interoperability Aspects of EGNOS/WAAS and Eurofix,"

van Willigen, Offermans, Breeuwer & Helwig (Reelektronika, Delft Univ of Technology)

"Loran/Eurofix/EGNOS Integration: Test and Validation Programme - Concept and First Results,"

Augath, Lechner & Baumann (Dresden Univ of Technology, Telematica)

Session Break

"Eurofix Performance 2000,"

Beukers (Beukers Technologies)

"Eurofix Moves Forward: European Developments Over the Past Year,"

Helwig, Offermans & van Willigen (Delft Univ of Tech, Reelektronika)

Luncheon

Technical Session VI: Integrated Systems – Technology, Performance & Products, con't.,

Session Chair, Professor Durk Van Willigen

"Waypoint Conversions,"

Brogdon

"The Maximum of Solar Cycle 23,"

Kunches (NOAA)

"Relating Time to the Earth's Variable Rotation,"

Chadsey & McCarthy (USNO)

Meeting Close

ILA Board of Directors Meeting (Council room)