



**International Loran Association**  
144<sup>th</sup> Board of Directors Meeting, Monday, October 17, 2005  
**Santa Barbara, California, USA**

1. **Call to Order:** 2:12 PM, by Vice-President Langhorne Bond
2. **Attendance and Quorum:** L. Bond, R. Lilley, W. Roland, D. Diggle, D van Willigen, B. Peterson, J. Doherty, T. Ikeda, T. Celano, C. Schue, E. Johannessen, J. Manchard, D. Last

D. van Willigen holds G. Offermans proxy  
D. Last holds L. Roth's Proxy

**Observers:** A. Frost, L. Breakiron, S. Lo, M. Narins

A quorum is present.

3. **Agenda Additions and Approval of Agenda**

Joint meeting with Germans DGON (T. Celano)  
Discussion of NELS situation and what can we do? (L. Bond)

4. **Approval of 142<sup>nd</sup> and 143<sup>rd</sup> Meeting Minutes**

The secretary previously circulated these minutes by e-mail. The minutes were approved by voice vote.

5. **Treasurer's Report and ILA 33 Review**

Erik Johannessen's report included a balance sheet and summary for the past three years.

Differences among years are noted. For example, pre-paid expenses for the Japan conference were shown in 2004, resulting in an apparent loss. We look good this year because we counted the conference revenue this year.

[The Association's fiscal year definition causes this difficulty. The year ends in October and the convention is also in October, generally. – ed]

All in all, ILA is stable financially over the past three years. We bought awards in quantity in earlier years, so recent expenses are somewhat reduced.

The Treasurer's report was approved by voice vote.

## 6. Committee Reports

### a. GAUSS:

Erik Johannessen chaired the GAUSS meeting earlier today, filling in for Gerard Offermans.

Erik's summary was that there were 23 attendees. The GAUSS functions are valid, but it is frustrating that not more standards progress has been made. The group tends to get tied up in policy issues. He characterized the meeting as a good interchange of information.

D. Last: Disagreed with the characterization. David voiced his deep concern that GAUSS deals repeatedly with US-centered issues and information. ILA should not be focused on US matters; International should mean just that. David urges that GAUSS be refocused back to international standardization.

E. Johannessen responded that it is clear the GAUSS process was focused early on standardization, and good work was done. It also became clear that decisionmaking for radionavigation policy is not international. The decisions are taken in US and the rest of the world follows. One other country made a decision – Norway. The research and expenditures predominantly tend to be in the US. There is no intent to slight others; it's an unfortunate consequence.

D. Last responded: The US position represents one country, and its program is followed with interest. Europe is many countries; fighting a tough battle. ILA should be looking/GAUSS should be looking country by country, not just at the US, although the US is indeed very important here.

L. Bond: When I've done international standardization and planning, it's always been through ICAO, and we've been anxious to see Loran inserted into ICAO. But FAA is in research mode, and ICAO wants to deal with operational systems and services. There are hopeful signs, but not much progress. IMO moves by the Irish and British are important here.

D. Last: ENRS and IALA may be better fora.

L. Bond: What should ILA be doing?

David: ILA should be giving its attention to world – not to America alone. Yes, we have relatively little money. We'll discuss going at NELS later.

ILA has succeeded in Washington; the place in Europe is Brussels. ILA should be looking to the world. The DOT/CG/FAA, all US agencies, have their equivalent departments in many other countries.

J. Manchard: Europe is at a difficult moment. We appreciate ILA support in the recent French meeting, but the GAUSS meeting was not as useful as I had hoped. We need more discussion and action, not just reporting. We need a list of actions that we can accomplish.

T. Celano: I have not seen a lot of correspondence from Europe or Japan saying ILA is needed and NOW.

David: There has been a good deal of this, especially with Linn and Erik. Will ILA help us in fighting for Loran?



W. Roland: I suggest we establish a group to come up with specific recommendations to the Board on Wednesday.

D. Last: Agreed.

L. Bond: Where are the levers (people and money)? How do we get to where David wants to go? We have Linn Roth as Congressional Liaison. There is a registered lobbyist in Washington working for a company in the US. ILA is not really a lobbyist organization, we are a professional organization. Would Norway listen?

D. Last: Perhaps if our “committee on Norway” does its agenda – it’s possible we will get their attention.

L. Bond: Loran’s performance has been proven. The specific questions from US government were answered. That has not been the ILA -- it’s been the “techies”. In 1994-1995-1996, Roland, McGann and others were in Washington convincing the government that the Coast Guard was wrong in deciding to shut down Loran-C.

#### **b. NELS Closure and Norway Actions**

L. Bond: Can we go to NELS? FERNS? We need to hear the views from this Board and organization on key contacts who can influence the Norwegian government. Maybe ILA should associate itself with the lobbying organization in Europe and become a part of it.

D. Last: Let’s get advice from Larry Barnett on that.

W. Roland: We should look for more things to do, over the next two days.

J. Doherty: The progress to date was made without a decision from the US government. We’ll “...do the right thing after exhausting all the alternatives...” If we try to force a definitive decision now, the result will be “no”. There may be parallels with Galileo there, which cause similar heartburn in Europe: “...why do we now need a backup?...”

The real concern is how much money does it take to keep Loran alive, and what does it do for critical users? The goal is to keep it alive in the US and elsewhere, until the leaders in the US and elsewhere make their decisions.

There *are* things ILA people could do in the Association’s name: David is focusing on giving parity of attention to Europe and Asia.

D. van Willigen: Remember there are people present for whom American English is not a first language. Talk clearly. In the earlier GAUSS meeting there must have been 100 or so acronyms. What were they talking about?

In Europe, Galileo is said to be the solution to everything. There is word that the US allocated \$3B to defeat Galileo? The joint meeting with **DGON** (July) may be too late in Europe. Only the ministers can save it. The ILA should be in contact with them. Europe perceives no support from the US on this point.

Doherty: We seem to have January 1 as a critical date. Operations will cease on four stations and plans are to demolish them. The Germans will mothball and wait. The key is the Norwegians. Decisions have been made – funding is to be closed and stations destroyed. Can we get it delayed? Can we get the Norwegians close to the US and the rest of the world on the backup and cost-benefit axis. Norway is torpedoing a Euro-wide decision on Loran.

Jacques: Some in Europe think that a positive statement on Loran is an attack on Galileo. It persists.

L. Bond. This was exactly the US problem. We've moved beyond it in the US – not won the battle, but Loran's now a complement and not perceived as an attempt to displace GPS.

C. Schue – This meeting has identified specific groups we needed to target. Now David presents another. Convince Norway to shift/delay the decision.

R. Lilley: We got past the “enemy” stage in the US. What David wants is for us to help do that again! We have a track record, whether as individuals or as an association.

D. Last: Yes. You, ILA people, did it, maybe not all in the name of the ILA, but it has been accomplished. Linn has indeed lobbied in Europe; maybe too little and too late, but let's everyone contact your opposite number there: On positioning, timing, meteorological, etc. – each one. Delay the decision – keep them from dynamiting a tower...

L. Bond formed a **committee on Northwest Europe**

Bill Roland, chair; David Last, Durk van Willigen, Jacques Manchard, Chuck Schue and Jim Doherty.

Report to this group at the 145<sup>th</sup> ILA Board meeting, at the close of ILA-34, with an “action list” – What to do – no subtlety.

C. Schue: What about FERNS?

T. Ikeda: It is not a major issue now. ILA seems to have the answers. A GAUSS-style informational document [on e-Loran] would be helpful.

D. Last: The purpose of GAUSS could be to answer the questions.

L. Bond: We need a statement of Loran benefits to government – national security and all the rest. A GAUSS statement might suffice. We will follow-up with Gerard Offermans, GAUSS chairman. Exactly the document Mr. Ikeda calls for.

**Nominations and Elections:** The election was held successfully. Chuck Schue served as committee chair, with Jim Doherty, Durk van Willigen, David Last Ben Peterson and Bob Lilley as committee members.

Results of the ILA Election, 2005

President: **Hon. Langhorne Bond - Bond and Associates**



Directors: Elected to three-year terms are

**Mr. Erik Johannessen - Megapulse, Inc.**  
**Capt (ret) Tom Gunther - Booz-Allen and Hamilton**  
**Dr. Sherman Lo - Stanford University**

When Langhorne Bond becomes President, his Director position becomes vacant for the current year. Under ILA bylaws, the candidate next in line for a Director position fills the vacancy for this year.

Director: Elected to a one-year term filling L. Bond vacancy during his Presidential term is

**Dr. Paul Williams - Trinity House**

The new president and directors take office at the close of this 2005 Convention and Technical Symposium on October 19, 2005.

The full board for 2005-2006 is listed below, with term-ending dates:

<b>President</b>	
- Langhorne Bond	2006
<b>Past-President</b>	
- Linn Roth	2006
<b>Elected Directors</b>	
- Tom Celano	2006
- James Doherty	2007
- Thomas Gunther	2008
- Tamotsu Ikeda	2007
- Erik Johannessen	2008
- Bob Lilley	2006
- Sherman Lo	2008
- Gerard Offermans	2007
- Bill Roland	2006
- Douglas Taggart	2007
- Paul Williams	2006 (filling L. Bond 2006 vacancy)
- Durk van Willigen	2006

- Plus up to three directors to be appointed for 1-year terms.

**U.S. Congressional Liaison:** Mitch's program continues at FAA. There is \$20+ million in the House bill, and \$10M in the Senate. The House bill is passed, and Senate action is anticipated this week. At the conference, we expect \$20+ million to be the final number. Larry Barnett has done the background work on the Congressional support very quietly over the years, with almost no money.

C. Schue: The US Institute of Navigation sponsors a Congressional Fellow. Could we consider this, or get in on the ION program?

J. Doherty: The ION spends some money for this; another professional association handles the details. If ILA wants to join in, there needs to be a review of bylaws and a Council vote. The selectee this year becomes a member of a Congressional staff. The Fellow reports to the Council twice a year. Note the potential



for a conflict of interest if the selectee returns to his/her own company afterward. J. Doherty feels ION would balk at ILA involvement due to our charter (association advocacy of a particular system).

L. Bond: A Congressional hearing may do some good at this stage in the US. It might get the executive branch to move.

D. Diggle: Who are our friends in the US Congress?

L. Bond: There are some staffers who do what Larry Barnett tells them to do.

D. Last: In the European picture, the Royal Institute of Navigation and others have influence in Brussels, through EUGIN.

**Constitution:** Bob Lilley and Tom Celano -- We will get the suggested simplification and streamlining done, and will send the proposed changes to the Board by e-mail.

**Awards:** Final awards were provided by committee chair Bill Roland. Awards are split this year, with service awards given at lunch, and the Beukers, President's and Medal of Merit awards at the banquet.

**ILA34 Convention Issues:** Sponsor chair Chuck Schue sent out 55 letters and other information, and received only six responses. Chuck solicited comments and suggestions for attracting sponsors.

## **12. Other Business:**

Durk van Willigen sent the following comment prior to the meeting, with his vote on the 141<sup>st</sup> Board minutes approval: ["I have extensively talked with NavTech to give a special Loran course during the ENC GNSS 2004 held in Rotterdam. Unfortunately, the advanced publications about that course did not result in sufficient registrations so we had to cancel the course. I think that the Loran continuation decisions being put on hold in the US as well as in Europe were the main reason for the disappointing response.

"The good thing was that Wouter Pelgrum had been invited to give a special presentation 'The Integration Game' in the plenary session as a result that he got the Best Presentation Award for his Loran paper on the ENC GNSS 2003 in Graz, Austria."]

**13. Adjournment:** The meeting was adjourned at 6:05 PM.