



**International Loran Association**  
145th Board of Directors Meeting, Wednesday, October 19, 2005  
**Santa Barbara, California USA**

1. **Call to Order:** 5:17 PM, by Vice-President Langhorne Bond
2. **Attendance and Quorum:** D. Diggle, P. Williams, J. Manchard, W. Roland, L. Bond, D. Last, R. Lilley, E. Johannessen, T. Ikeda; A. Frost (“Lines” editor; observer), D. van Willigen,

W. Roland holds J. Doherty Proxy  
D. van Willigen holds G. Offermans proxy  
D. Last holds L. Roth Proxy

A quorum is present.

3. **Agenda Additions and Approval of Agenda:** There were two additions to the agenda:

Mr. Bond proposed a report by the committee on Norwegian Loran stations, and a discussion of the committee’s draft plans and action items.

Mr. Roland proposed a discussion of the Association logo, favoring a return to the traditional logo.

The revised agenda was approved by voice vote.

4. **Approval of 144th Meeting Minutes**

The secretary will e-mail the minutes of the 144<sup>th</sup> and 145<sup>th</sup> meetings to Board members, and will accept corrections from meeting attendees. The Secretary will then seek approval of the minutes by e-mail or fax vote of the attendees.

5. **Secretary’s Report**

ILA web page: Some of the history items are posted, and all Newsletters are scanned and will be posted soon. Note that recent newsletters (since September 2001) are posted on the main web page (LIBRARY tab, and scroll down) in searchable .pdf text format.

A brief discussion ensued about the past Proceedings files. These are huge scanned (not searchable text).pdf files, which are unmanageable on all but the very fastest Internet connections. The plan is to subdivide these into sessions, and provide a searchable index to each session, to make the proceedings files more useful to researchers.

6. **Treasurer’s Report:** Treasurer Erik Johannessen reported that the Association’s financial position remains stable since lunch, where he reported to the membership meeting that the Association is solvent and that the cash balances have not changed significantly over the past three years.

7. **ILA-34 Convention Report:** Bob Lilley reported on this year’s convention in general terms.

Overall, the bottom line looks to be between \$6,000 and \$7,000. Attendance was about as expected once pre-registration was complete, and the bottom line reflects the attendance figure, combined with “reasonable” conference fees. (In other words, there were few fixed costs; most events were priced “per person”.)



The hotel was very flexible in modifying food events to meet our numbers. The hotel was pleased with our number of room nights – apparently most people stayed at the Doubletree, and many made reservations for days before and/or after the meeting itself.

For the later guidance for convention committees, Bob reported costs in categories:

For 50-60 attendees,

- Lunches: \$2,000 x 2
- Meeting Sessions: \$3,000 x 2 days (refreshment breaks, audio-visual, Internet, etc.)  
Note - the computer-projector was \$650 per day!
- Banquet \$5,000
- Banquet Reception \$1,000
- Icebreaker reception \$2,000
- Off-site Art Reception \$1,200
- Pre-Meeting Social \$500
- GAUSS/Board first day refreshments, set-up \$1,000

The total here is \$20,700, which is about 95% of the expenses we tallied. We'll have a few dollars for CD supplies and mailing, but the rest should be incidental.

Mr. Bond characterized the meeting as well organized at a nice hotel, and he thanked Bob and Ellen Lilley for their work. He also mentioned the hotel's accommodation of the reduced government per diem lodging rate as a plus.

#### **8. Executive Committee 2005-2006**

- a. President – Langhorne Bond
- b. Vice-President -- to be appointed later by L. Bond – suggestions are welcome
- c. Secretary – Bob Lilley
- d. Treasurer – Erik Johannessen
- e. Past President – Linn Roth

#### **9. Board of Directors – Appointed Members for 2005-2006**

Jacques Manchard and Nicholas Ward were proposed as appointed members, and the motion to accept them as one-year appointed directors was APPROVED by voice vote.

L. Bond “anxiously” solicits board suggestions for the third appointee..

#### **10. ILA-35, 2006 Convention Venue and Committee**

There was brief discussion of a variety of possible locations. The conclusion was that a meeting in the northeast US would be desirable in 2006, given the expectation of some policy-level action there in the coming year. It was mentioned that the US government is very tight on international travel at this time, which would hurt 2006 attendance at a non-US meeting. This also gives time for the situation in Europe to be resolved. At that time, a 2007 meeting in Paris would be desirable.

The Boston, MA or nearby location was chosen for 2006 by voice vote, but no chairperson or committee was established at this meeting (ACTION).

In 2007, Jacques Manchard commented that if ILA could schedule between IALA and the French Institute of Navigation meetings, this might attract attendance. Jacques offered a French donation of translation services.



During the conference this year, Prof. Gug expressed a desire to host a meeting in 2007 or 2008, in Pusan, Korea. This offer was noted with thanks by the Board, and will be made a part of future convention planning..

Erik Johannessen noted that when considering the Tokyo meeting in 2004, the convention itself was small (partly due to little US government travel), but the Loran Forum was quite well attended by representatives from Japan. This model might serve well in later meetings.

**11. Publicity Campaign:** Ed Pinto is still available; he placed our convention dates into Aviation Week's meetings calendar. Langhorne Bond characterized Ed as an "underutilized asset", and said that he would be in touch with Ed.

**12. ILA Website – further discussion:** Tom Gunther will send an eLoran Technical Report link to Erik for the web page.

**13. ILA Ops Center contract**

The Board's consensus was that no changes were required in the Operations Center arrangement.

**14. Committee Assignments and Chairs – Current notes**

- a. Audit – Erik's auditor at Megapulse for now.
- b. Awards – Bill Roland – wants relief after this year –Tom Gunther understudies Bill
- c. Congressional Liaison – Linn Roth
- d. Constitution – Bob Lilley and Tom Celano, modernizing the constitution and bylaws.
- e. Nominating Committee – **TBA** – Chair must be member of the Board,  
plus 2-6 members. All must be ILA members
- f. GAUSS – Gerard Offermans
- g. Membership – Erik Johannessen
- h. Newsletter – Otis Philbrick and Al Frost
- i.

**15. Other Business**

**a. CANS – NELS Action Committee**

W. Roland, D. Last, J. Manchard, J. Doherty, D. van Willigen, T. Ikeda, T. Celano  
C. Schue was also nominated for committee membership, but was not at this meeting.

**W. Roland reported: Action Plan**

1. Develop an information sheet – one page if possible. Bill Roland will distribute this to the committee for review. *[This was done on October 25. ed.]* Something like "Major technical and administrative developments assure the designation of e-loran as the international standard for PNT services for safety and national security".

Summarize from ILA-34 reports and papers: Mitch Narins's report relating to eLoran meeting requirements, etc., the USNO/NIST/TSC report presented by Mike Lombardi on timing, and the cost-benefit report from Volpe. It was noted that this Volpe report still has not been released outside the US government.

David Last said the purpose is to say: "The US has been through a decision process; France has done this also, and the ERNP has done it. Norway has done *none* of this. He added that Sally Basker's report on cost/benefit can suffice for our purposes here.

2. Send L. Bond to the Norwegian Embassy in Washington, armed with the info paper  
Draft a letter from the ILA to the Norwegian Minister of Fisheries.

3. Get an article into Aviation Week. We need contacts: writers, editors. This is underway. Ed Pinto is the man, and some of the material can come from L. Bond paper from the Toulouse meeting

David Last added, “We need to get a *reaction* from Norway.”

4. Letters to each of the European institutes of navigation with the information paper
5. Bill Roland will contact Larry Barnett and pick his brain for ideas.
6. It was suggested we work on contacts with Marc Clerens of Elsis, to discuss what to do there. Again use the information paper. Get the message to Marc that ILA supports his effort.

Durk van Willigen clarified the official information we have on Elsis: He received a message that Deutsch Post Worldnet printed an article saying DHL and ELSIS are entering a cooperative program to work container tagging/tracking? Loran is preferred due to its indoor capabilities. Not precise real-time tracking, but a sophisticated “motion detector”.

L. Bond observed that there are elements here to raise this to the national security level. Tom Gunther noted the need to raise container tracking to the “exercise level”, and get some scenarios working.

7. Each member of the board must make direct contact with any Norway contacts they have. Use the information paper.
8. L. Bond observed that we (ILA) may not be sufficient here. Maybe we can get a US government person to work it.

Discussion followed:

What about the French Embassy to make representation to Norwegian Embassy for a Bond visit? Jacques Manchard said he will try through the French ambassador in Washington. IT was suggested naval attaches might be an appropriate meeting level?

Tom Gunther asked if anyone had taken a “reverse look?” Say, have a GPS leader, go to Norway with the backup concept. Bötje Forssell was described as very much “in it.”

## 16. The ILA Logo

Bill Roland pointed out that the Association logo was apparently changed two years ago without action by the board. He would like to go back to our old logo. In discussion Erik Johannessen said the decision was indeed made by the Executive Committee, to “modernize” the ILA’s public image. There was no apparent support for the motion to return to the old logo.

## 17. Best Papers

The Board discussed the awards for the best papers at this conference and made the following recommendations to the Awards committee for 2006:

**Best Paper** – Nominations were for Paul Williams (University of Bangor), and for the authors of the timing systems paper (NIST/USNO/Timing Solutions, presented by M. Lombardi)



**Student Paper** – This paper award should be chosen from among the students presenting: Curtis Cutright (Ohio University) Lee Boyce (Stanford), Wouter Pelgrum (Delft University of Technology / Gauss Research Foundation)

**18. Adjournment**

The meeting was adjourned at 6:20 PM

**ACTIONS:**     **President to appoint a Vice-President from among Board members.**  
                  **President to fill one appointed-director 1-year vacancy.**  
                  **Must select a nominating committee chair plus members.**  
                  **Must form 2006 convention committee and finalize location.**  
                  **Should form 2007 convention committee and agree on expected location.**  
                  **Carry out the Action Plan outlined by the NELS committee, above.**