

INTERNATIONAL LORAN ASSOCIATION

## 111TH MEETING OF THE ILA BOARD OF DIRECTORS

The 111th meeting of the ILA Board of Directors was held by teleconference at 1330 EDT on 14 April, 1995

1. Directors Present

Directors attending the teleconference were:

Dale Johnson, President  
Jim Alexander, Vice President  
Walter Dean, Secretary  
Robert Lilley, Past President  
John Beukers  
James Culbertson  
David Last  
Bill Roland

Also attending: Bill Brogden

2. Agenda and Quorum

President Johnson had faxed an agenda to all board members a week earlier.

The secretary determined that a quorum was established when eight board members were present at the meeting.

3. Approval of Minutes

Minutes of the 110th meeting held by teleconference in January were approved, with correction by Culbertson that an E-Mail address was being set up at the operations center rather than Ohio U. Moved by Dean, seconded by Lilley.

4. 1995 Membership Meeting

Johnson discussed the meeting planned for Washington area next fall. This will not be a technical session, but will deal with policy problems and user requirements. He has contacted Jodie Jagoe, who has handled RTCA meetings, to assist. Jagoe has handed the hotel part to Paul Henning, who is experienced dealing with hotels and restaurants, located in Annapolis, and is well staffed. His cost is \$5500 less estimated commissions from hotel of about \$2500, giving a net cost of \$3000. Ellen Lilley and Jean Johnson will handle registration etc. Culbertson suggested that Henning be available to handle problems which inevitably come up with the hotel.

The Dulles area has been suggested as the best bet for location. People inside the beltway have no problem going out.

Hotel rates are \$130 for a convention. It will be a Thur-Fri meeting, with reception Wed night, lunches Thu-Fri, banquet Thursday evening. The hotel must provide rooms at the same rate to come in early and stay over Saturday. The date will probably be the first weekend in November, because the week of the 6th is the RTCA meeting, and on the 16-17 Congress will be rushing to adjourn for Thanksgiving.

Roland reported attending a meeting at Tyson's Corners, which he thought quite convenient. It was agreed that Thu-Fri was better than Mon-Tue. Roland suggested "Benefit of a Loran/GPS Partnership" as a theme. Johnson suggested "Positioning, Navigation and Precise Timing - Meeting the User Requirements". The Board agreed to go with that.

Johnson will assume the job as convention chairman. Alexander volunteered to help with arrangements after the pros get off the job. It was suggested that Joe DelBalzo may not be the best for the role as forum chairman, since the meeting will consist mainly of forum-type discussions. No names were forthcoming, so the status is "please help". George Quinn was suggested but he claims to be busy. A front man as overall chairman, and Duke Kane was suggested as a neutral party. He is not the best speaker, but may be ok. Johnson seeks advice.

The plan is to have full sessions Thursday am and pm, Friday am, then and then a wrap-up session Friday pm to summarize. Financially, he has a plan to split the profits of the convention based on attendance from each group.

Alexander suggested presenting a paper on the time development of the FRP, showing how policy statements track and changed over the years. Alexander volunteered to put it together. Culbertson noted that people in Washington have forgotten that the FRP exists.

Roth had suggested having a tutorial session in an effort to bring users to the meeting.

#### 5. Moscow Meeting

Norm Matthews will represent ILA at the Moscow meeting. Beukers has talked to him and got the feeling he was disappointed that ILA pulled out. Beukers will contact him in the near future regarding the meeting.

Beukers noted that the \$5000 sent to him for expenses for Moscow should represent 2500 from INA, but there is no indication of this. When contacted, Andren indicated no receipt of any funds as yet, but there is no late word. Johnson tried to contact lam Anderson, unsuccessfully.

### G. Washington Reports

Roland reported that the Coast Guard authorization bill HR1361 requires the Coast Guard to do a study on Loran-C including meetings with users to discuss when Loran should be discontinued and whether Loran should be retained as a backup to GPS. The wording is the result of ILA efforts. In committee session, Sen John Carey of Mass. expressed strong support for continuance of Loran-C in questioning the Commandant in committee hearing. Roth feels that his representative will do similarly during committee hearings in the House.

The study called for is very much aligned with one Heywood Shirer and George Wiggers in the CG policy office wanted but were prevented from initiating by PUSNAV people. We have helped the policy office get something done they wanted all along, which should greatly improve our relationship.

Johnson reported that he and Paul Burkett will be in Washington where Paul has good relations with Jim Endhoff, and they will be feeding him more good information on the Loran situation.

Lilley reported that special issue of Loran Lines will be published in a week or so with copies of much of the correspondence generated to affect the CG decision. It was noted that Aviation Daily has been a big help in getting out the word. ADPA has been a staunch supporter of our position.

Beukers reports that the draft copy of the FRP has not changed in its language, terminating Loran in 2000.

At a Coast Guard meeting in L.A., Alexander asked Commandant about the FRP and the National Fisherman report of surveys of users, and the Commandant finally commented that the year 2000 might be too soon to terminate Loran. This attitude is seen as a positive indication. Alexander will write a personal follow-up letter to the Commandant. Question was raised as to whether a letter from ILA would be appropriate.

### 7. FRP

Proceedings of the FRP meetings are recorded, but never transcribed, because of claims of lack of funds. Actually, Liz Carpenter has a 125 page document containing details of FRP meetings. Moroney may be able to help. Tom Gunther has the documents, but give to Deukers for procedural reasons, and it was never approved. Alexander will talk to Mike to get a copy.

### 8. 1996 Convention

The location of the 1996 convention was discussed with Dave Last, with the options being the Netherlands or Wales. Last will contact Durk van Willigen and discuss what could be arranged, and will report back.

## 9. New Business

Lilley reports that membership response seems to be good this year. Additional members may be generated by publicity to users, through Bill Brogden

Ben Peterson has requested that his name be removed from public view as aboard member. He will be putting out ballots in the near future. Johnson proposed Tom Thomas, of NASA0. He also proposes Duke Kane to provide cross-fertilization between groups.

Alexander suggested that Johnson run again for President, as this is a poor time to change leadership. Other directors supported the idea. Johnson gave a cautious "yes".

Lilley reported that the FAA had just sent in their membership renewal.

Bill Brogden was commended for his achievements in getting the word out to the users.

Johnson requested all who have an e-mail address please sent it to him.

The next teleconference BUD meeting will be held in July.

## 10. Adjournment

Meeting adjourned at 1445 EDT.

# International Loran Association

Date: April 9, 1995 Total Pages: 2  
 To: Board of Directors ( FYI Committee Chairs )  
 From: Dale Johnson, President Fax (503) 363-2306  
 1285 Centennial Ct. SE Voice (503) 363-5330  
 Salem, OR 97302-1738



Greetings,

Teleconferencing has proven so successful that I plan to continue including the full Board for a quarterly phone meeting. Bob Lilley has made an arrangement with MCI for a setup very similar to the UPS system we used in the past. The April teleconference is set for this Friday, April 14 at 1330 EDT ( 1030 PDT or 1730 UTC ). You can call from anywhere, so please make every effort to be on line since we have some important issues to discuss. We have scheduled one hour for the call, so please call in on time to help us keep the cost down. The new procedures are:

1. Dial 1-800-857-4854, or from int'l areas dial 1-319-375-1930 ( you may call collect ).
2. The operator will ask you for the password - LORAN.
3. The operator will tell you the names of those already on line and then connect you.

### AGENDA

1. **Approval of the minutes of the January meetings.** I will try to fax a summary of the second meeting later this week. I still have to assemble the collection of notes.
2. **Moscow** - We have received a fax from Mr. Denisov requesting names of anyone planning to attend the Moscow meeting. Norm Matthews will represent ILA and Ian Anderson will represent INA. Please be ready to pass on any other names you might know of. If other ILA members from Europe plan to attend, we should be sure he is informed.
3. **Report on the 1995 Forum Steering Committee meeting** - Ian Anderson, Will Johnson, Duke Kane, and I met in Colorado Springs last Friday to work on plans for a joint meeting of the ILA, GIA & INA to be held in late October or early November.

I have not been able to find anyone within any of the organizations willing to take the responsibility of Convention Chairman, but Jody Jago, who has arranged the RTCA meetings for years, has agreed to handle all of the hotel arrangements for a reasonable fee. The RTCA meeting will be held during the week of Nov. 6, so that leaves the week of Nov. 13 or late October. I expect she will have some information by Friday.

The Steering Committee suggests a two day forum focusing on policy issues, rather than technical issues. Duke Kane suggests that a Thur-Fri meeting would be preferable to a Mon-Tue meeting because many of the key people in Washington have Monday set aside for staff meetings and handling action items. Also, this would not require anyone to travel on Sunday.

*04/11/95*  
*\* O recall*

*Walt*  
*B Pol*  
*JC*  
*Dale*  
*B Pro*  
*John B*  
*Dw last*  
*R Lilley*

Duke also pointed out that GIA is a new organization and does not have cash available to provide front money for the meeting. Ian Anderson and I agreed that ILA and INA will provide the front money for the event. GIA will be able to handle and pay for the mailings for the event if we can provide an electronic copy of our mailing list. The committee agreed on dividing the profits from the meeting based on member participation with non-member profits being evenly divided between the three associations.

4. **Open discussion on the Washington meeting plan** - Theme suggestions, session topics, luncheon speakers, invited speakers, etc. I have invited Joe Kunches to give a review of the paper he gave about GPS interference at Newport. I think it would also be good for Jerry Sled to give a report on the need for dual precise timing methods to support modern day communications and power grid requirements. Monday evening banquet or ?? How should we handle ILA awards with all three associations attending? This would not be an annual meeting for INA or GIA.
5. **1996 meeting location** - I have not heard from David Last of Durk van Willigen yet about the possibility of holding the meeting in Wales or The Netherlands, but hopefully both gentlemen will both be on line to discuss this possibility.
6. **Washington activity report** - Bill Roland, Linn Roth, and Bob Lilley, please give a report on your activities and observations. While in Colorado Springs last week I had lunch with Hank Skalski, filling a newly created position of "Civil GPS Liaison to USAF Space Command". He reports to George Wiggers. He seems to understand the benefit of a Loran GPS partnership. I invited him to attend the Washington meeting and he indicated that he would probably be there.
7. **Membership report and discussion**
8. **Board of Directors** - Suggestions for candidates. INA is now represented on our Board; should we consider inviting a person from NASAO and/or a GIA as a candidate?
9. **Other business**
10. **Adjourn**

FYI - Some of you have asked how I am doing and I appreciate your concern. I have accepted a position with Advanced Navigation and Positioning Corp. In Hood River, Oregon as Vice President of Product Development. The company is located 65 miles east of Portland and has developed a transponder based precision landing system which will make an excellent partner with GPS to meet precision approach requirements. I am excited about this new opportunity and happy to be remaining in Oregon.

Warm regards,

*Dale*

## International Loran Association

Date: April 6, 1995

Pages: 1 only

To: Bob Lilley 614 593-1604

From: Dale Johnson 719 570-0122  
Phone 719 570-9512



Bob,

Let's set up the BOD teleconference for Thursday, April 13 at 1330 EDT. Hopefully that will work for you. Walt Dean is back in Oregon and says he is available any time. That will give me time to fax out an agenda over the weekend and allow people to fit the call into their schedules. I am sure you will have some items for the agenda. I will be here until tomorrow morning about 0730, so you can reach me here today or at home over the weekend.

By the way, Steve will be leaving the Air Force at the end of May so if you want to set up a tour with him it will have to be done soon.

I had lunch yesterday with Hank Skalski, Civil GPS Liaison with the USAF Space Command. He reports to George Wiggers. We discussed the Loran / GPS issues in detail and he seems to agree with our position. I invited him to join us at the November meeting and he tentatively agreed to come. He is based at Peterson AFB in Colorado Springs.

Please tell Ellen thank you for the ILA business cards.

*Dale*

Dale Johnson:

Linn Roth:

We have some 24 copies of the packet Bill Roland put together for mailing to organizations who could help with the Loran-C effort. These came back due to bad addresses, and it seems we should get some use out of them. Do you have particular congress people or others who should get a cover letter plus the mailing?

Please let us know, and we'll mail these out now.

Thanks!

Bob/Ellen Lilley (614) 592-1282 or fax 614-797-2081



iLA  
BOD  
EXC

## International Loran Association

**Date:** February 26, 1995      **Total Pages:** 3  
**To:** All Board members & Committee Chairs  
**From:** Dale Johnson      **Fax (530) 363-2306**  
1285 Centennial Ct. SE, Salem, OR 97302  
**Phone (503) 363-5330 Cellular (503) 580-1940**



Greetings from my new office at home. Thank you for the overwhelming support many of you have given me in this interesting time of transition. I am now officially a retired UPS employee. Please make note of the phone and fax numbers above, since my numbers at *II Morrow* are no longer valid.

First let me answer a few questions you may have. I plan to continue with my ILA activities and I hope to work in the aviation industry if at all possible, since that is where my heart is. I have two possible options here in Oregon, but nothing firm yet. I am including my resume in this fax and I would appreciate hearing of any opportunities you may be aware of.

GIA Executive Director, Will Johnson is enthusiastic about the plan for a joint ILA/GIA/INA meeting in Washington, DC this November. We need to move quickly on the planning for this meeting. We need a volunteer for the Convention Chairperson; if you are willing to serve, or have an idea, please contact me soon. I am hopeful that we can have another BOD teleconference in the near future to coordinate our 1995 activities. Bob Lilley is checking on a replacement for the UPS teleconferencing system.

### GPS International Association update

GIA membership continues to grow and I was recently placed on the GIA Advisory Board. The first annual meeting will be held in Colorado Springs, CO at the Broadmore Hotel during the first week in April. The plan is to schedule the meeting around the US Space Foundation meeting, which will also be held at the same location on April 4-7. This will reduce travel cost for those who wish to attend both meetings. I plan to attend the meeting and I hope some of you can join me. I will contact Ian Anderson this week to see if he can join us to discuss plans for the November meeting.

I am behind on my ILA activities and trying to get back on track as soon as I can. I will leave my Fax on around the clock. If you wish to communicate with me via email, my America On Line address is "Cobra715". I'll do my best to keep you informed and we will all need to keep each other informed with the increased activity level this year.

Sincerely,

*Dale*

**Dale E. Johnson**  
1285 Centennial Ct. SE  
Salem, OR 97302-1738  
(503) 363-5330 Fax 363-2306

## SUMMARY

Extensive senior level management and planning experience in the aviation industry. In depth knowledge of National Airspace System planning issues, design requirements and system integration concepts. Excellent leadership, organizational, communication and marketing skills working with technology companies and government agencies. Recognized expert on long range navigation systems and operational requirements, with a broad understanding of political and technical issues. Computer literate with strong writing and public speaking skills.

## EXPERIENCE

**II Morrow Inc., A United Parcel Service Company, Salem, Oregon**

1985 - 1995

### Special Projects Manager

Represented the company in working with government agencies and industry associations to collectively develop functional requirements and specifications for emerging technologies. Applied this information in strategic planning for II Morrow product development and marketing activities. Evaluated joint product development and marketing proposals from other companies.

- Successfully lobbied US Congress to fund Loran-C transmitters extending Loran coverage over the continental USA. Increased II Morrow sales volume by \$2 million the following year.
- Participated in National Airspace System planning meetings with the Federal Aviation Administration (FAA) and state aviation officials maximizing the benefit of II Morrow's new long range navigation equipment.
- Chaired an FAA commissioned Special Committee formed by Requirements and Technical Concepts for Aviation (RTCA) to develop improved Loran-C Minimum Operating Specifications.
- Wrote an editorial for *Professional Pilot* magazine explaining the need for long range navigation systems integration; an invitation has been extended to write additional material.
- Managed special marketing projects, conducted user forums, and delivered top-level technical presentations at industry meetings and trade shows. Frequently invited to speak at user group meetings.
- Negotiated joint product development with a small company and wrote design requirements. Further negotiations with the same company resulted in additional complementary products. Resulting synergy produced \$1 million annual revenue for II Morrow over a six-year period.
- Jointly developed the concept of a new, low cost product for cockpit display of traffic information, for private and commercial aircraft. FAA planners are enthusiastic about this concept and preparing a request for proposal.
- Managed the deployment of electronic package tracking equipment to a fleet of 60,000 package delivery cars. Responsible for shipment coordination, oversight of vendor contract compliance, and daily progress reports.
- Managed operations and maintenance for company aircraft.

**Aviation Products Manager**

Managed an engineering group with responsibility for design, development and support of an aviation electronics product line with \$12 million annual sales volume.

- Introduced a major hardware and software improvement to upgrade four earlier products to a single product. Revenues from upgrades and new product sales totaled \$38 million over a period of four years.
- Developed design requirements for a new generation aviation product and presented the plan to senior management. Resulted in revenues of \$12 million over a four-year period.
- Developed flight test plan for new aviation products, assuring a much higher quality product. Saved \$350,000 annually in warranty costs.
- Negotiated with a leading aviation data supplier to automate initial database insertion and updates for the product line. New streamlined procedures reduced costs dramatically and increased customer satisfaction.

Flightcraft Inc., Portland, Oregon

1971 - 1985

Corporate Beech Aircraft marketing and charter flight operations

- Responsible for Beech Aircraft sales in Oregon and southwest Idaho.
- Flew demonstration flights for prospective customers
- Developed standardized aircraft checklists for the corporate charter operation.
- Beechcraft Executive Salesman & Million Dollar Salesman awards

US Air Force, Military Airlift Command

1960 - 1966

Aircraft Commander, Instructor Pilot, Tactical Operations Officer

## EDUCATION

BS, Oregon State University, Animal Husbandry

US Air Force, Command and Staff School

Numerous seminars on marketing, management, writing, and negotiation

## PROFESSIONAL ACTIVITIES

Requirements & Technical Concepts for Aviation - Chairman, Loran Committee

International Loran Association - President

GPS International Association - Advisory Board

## RECOGNITION

Canadian Pacific Airlines

Top of class (DC-8 training class of 25 pilots)

Pan American Navigator course

Top of class (class of 24 pilots)