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Subject: Minutes of 122nd BOD Meeting

Herewith the minutes

Walt

#### INTERNATIONAL LORAN ASSOCIATION

## 122ND MEETING OF THE ILA BOARD OF DIRECTORS

The 122nd meeting of the ILA Board of Directors was held by teleconference at 1300 EDT on 27 May 1997.

1. Directors Present

Directors attending the teleconference were:

Bill Brogdon, President Bob Wenzel, Vice President Walter Dean, Secretary John Beukers John Butler Dale Johnson David Last Mike Moroney Bill Polhemus Bill Roland

Beukers held proxy for Bob Lilley.

2. Agenda and Quorum

Brogdon had e-mailed or faxed an agenda to all Board members.

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

3. Approval of minutes

It was moved and seconded that the minutes of the l21st meeting be approved as written. Motion carried.

4. Loran MOPS DO-194

Johnson reported on the status of the MOPS out of RTCA. He has had a number of conversations with RTCA folks. The chairman of the Technical Management Committee is Marty Pozesky (sp?), who wrote Bob Lilley a letter forwarded to Dale, wondering when the work would be completed, thinking they should shut the committee down if the work won't be completed. At present Terry Pearsall has all the work in his computer, but Dale hasn't been able to reach Terry. He will get with Hal Moses of RTCA to try to get the document published, but there are publishing problems. The next TMC meeting is in July, so they are trying to get Moses and Pearsall to get it all together for approval. Failing that, if the RTCA decides not to publish it, Dale feels it is an important enough document that ILA should consider publishing it. Brogdon suggested a letter to RTCA stating our intention to publish the MOPS might stimulate them to action. Johnson will contact Pearsall to determine the exact status of the document and report back to Brogdon.

### 5. IALA Update

Beukers confessed to having no news on IALA. There has been no answer to Brogdon's letter pointing out that ILA is paying a large amount for membership, suggesting a new arrangement. Beukers will follow it up. Butler reported that he had contacted Bob Kingston at IALA about the conference, and he will have information on the conference go out through IALA channels.

A NELS workshop held recently brought together interested parties to discuss loran and provide ideas to the Steering Committee. A number of action items developed, primarily for generating interest and users for loran and the Eurofix system. They limited attendance to 50 and filled it up quickly. Last said that Loran-C is now dead in Europe but has been reincarnated as GPS+. Two countries, Finland and Sweden, are opposed to Loran-C. Beukers has some documentation on their stand, and will e-mail it to interested parties.

#### 6. FAA & USCG

Brogden reported that at long last there seems to be some softening on loran in the FAA and Coast Guard. The CG has even scheduled a meeting to discuss the situation.

## 7. Megapulse Proposal

Megapulse has proposed to Canada to provide a Loran-C timer modified similarly to the one at Sylt to transmit the Eurofix format of differential GPS from one of the Canadian Loran-C stations on a test basis. It was suggested that Cape Race might be an appropriate site. The only caveat, from the Canadians, was that Megapulse cover the cost of the installation and test.

It was noted that Sylt is still operating in the Eurofix mode, although it had been sheeduled to be turned off some time ago. Very little information is available from the tests, although the French are still apparently collecting data. It was thought that Durk VanWilligen might have some data, but he has been on sabbatical. Last has seen some of his very good data, and will try to contact him for more information.

### 8. Convention

Brogden reported conversations with David Waters indicating arrangements with the hotel and publicity activities are proceeding on schedule, and no major problems appear. Roland has received four abstracts, two from the U.S. and two from abroad. Ben Peterson has promised him a paper. He urged the Board members to help drum up papers. Moroney noted that there are a number of conflicts with meetings of similar interests, such as avionics and sailboats. Avionics editor Walter Sharley wrote an article on Long Term GPS Issues which is quite relevant. Mike will send copies if requested

## 9. DGPS

Butler reported that Canada is installing DGPS using radiobeacons for transmitting the corrections, similar to the U.S., and the coverage seems to be satisfactory. Brogdon noted that in the U.S.

the use of the radiobeacons can have problems with reliability and availability.

#### 10. Government Consultation

Dick Arnold, at the last ILA convention, stated the intention to hold public consultation on the FRP and the loran issue. Arnold is now gone, and Bill McPartland seems to be the man most likely to be in his place. Unfortunately, there has been so sign of the consultation Arnold promised. Brogdon suggested perhaps a letter could stimulate a response. Beukers noted that they are trying to change the FRP because the WAAS has slipped a year, and the IOC is now 1999, and may slip beyond the termination of loran. Moroney reported that the FAA has the loran program in limbo and intends to keep it that way. Congress is not pushing FAA to do anything. The money allocated will expire in September. Bill McPartland 's phone is 202-358-5150.

# 11. Loran/GPS Receiver

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Brogdon mentioned that Ben Peterson is now working on a Loran/GPS receiver. It is a DARPA project. It was noted that LOCUS had been doing similar work.

11 Adjournment

The meeting adjourned at 1355 EDT.