

DRAFT MINUTES
International Loran Association
149th Board of Directors Meeting, October 30, 2008
London, UK

1. Call to Order: 4:39 PM

2. Attendance and Quorum: A quorum was present - *(Bob Lilley holds Mark Clerens' proxy).*

Present: Langhorne Bond, Sally Basker, Zachariah Conover, David Diggle, Tamotsu Ikeda, Erik Johannessen, Robert Lilley, Sherman Lo, Jacques Manchard, Gerard Offermans, Paul Williams,

Guests: James Doherty, Robert Markle

3. Agenda Additions and Approval: The agenda was approved by voice vote, with the addition of presentations by Ms. Basker and Mr. Doherty.

4. Message from Sally Basker: Ms. Basker suggested the ILA implement a chat room / bulletin board on the web site, as a forum for discussion and information exchange.

Dr. Offermans asked what the ILA would/should do with the comments. Ms. Basker responded that this would be a discussion site and not necessarily a "suggestion box."

Mr. Johannessen questioned whether the current web site is the proper location? Ms. Basker said she thought it was appropriate, and that it would "open up" the ILA to a larger market than is now reached with the newsletter.

Mr. Doherty sensed that the real purpose is to get the larger community in the picture, and how to do it. It would provide ease of discussion, more often than once per year (as at present annual meetings). ILA needs to sell "neat" things GPS/Loran can and will do, and how we can optimize eLoran itself, rather than just acting as a backup 500 bps data channel? For example, define additional location services, etc...

Dr. Lilley: The web site can act as the transport mechanism, with the actual chat-room or forum mechanism linked to it.

Mr. Conover asked the larger question – what does ILA look like in 10 years? It is "graying." We need to talk about new applications and technology – perhaps a quarterly video conference? Question: Conference for the Board or for everyone?

Mr. Bond proposed that the Board agree to a forum mechanism linked to the web site, with the implementation to be arranged outside of this meeting. **Approved without objection.**

[After the meeting, Dr. Lilley identified software which appears have appropriate functions. He has requested information from our Internet Service Provider on installing and operating it. Board members are encouraged to read about the routine at <http://getvanilla.com/>. With success, the capability can be announced to the membership via e-mail and placed in the next issue of Loran Lines. Each member can be encouraged to make colleagues and others aware of the ILA Forum. We will be looking for an interested member to be the Forum Administrator, and volunteers are invited!]

5. Message from James Doherty: Mr. Doherty is a past president of the U.S. Institute of Navigation and invited the ILA to collaborate with ION in future meetings. He characterized this RIN/ILA meeting as much better than either meeting alone. There is interest by the ION office in a partnering arrangement for upcoming U.S. ILA meeting(s) – ION can help with logistics of the meeting.

There is a need to get the timing right, as ION's schedule is more crowded than ILA's.

Mr. Doherty also described a longer term evolution which might see the ILA becoming a basis for a Terrestrial Division of the ION. He noted the present-day ION Satellite Division, which has its own set of officers. This is not a formal proposal or expectation as yet. "Let's try it out." The ION has had success with the DoD Joint Navigation Conference and IEEE-PLANS, with an every-other-year partnership in each case. A ten-year plan is now in place with IEEE-PLANS.

Eglin AFB recently decided to run a conference on Guidance, Navigation and Control for Autonomous Micro Air Vehicles. Eglin contracted with the ION to provide logistics and other support. Eglin brought in speakers.

Mr. Doherty could be the ION person to negotiate. Next year, who could negotiate for ILA?

Mr. Bond: We will put this on the agenda for further comment. Would the ION please send a letter to ILA outlining their proposal? Mr. Doherty replied that he would ask ION to do this.

Mr. Bond said that ILA has no wish to be subsumed – given the status of eLoran decision-making, this would be premature. There was general agreement.

Dr. Lilley pointed out that in previous very informal talks with Carl Andren, the differences between ION and ILA charters will be an issue. ION is not an advocacy organization. Mr. Doherty agreed, but said these differences won't be at issue a co-sponsored conference, but only if and when some combination of the two organizations enters the discussion.

Mr. Bond said the ILA should also maintain its collaboration with RIN – as an element of moving worldwide.

Dr. Offermans drew attention to the DGON conference. Although the Germans don't endorse Loran at this point, why not propose collaboration, and have two conferences where Loran is a part of the equation? In 2009, he suggested one conference combined with RIN/ILA, and a U.S. conference in the Spring (maybe with ION?).

Mr. Bond closed out the discussion with the reminder that there is considerable work yet to do in the U.S. and we don't want ILA to lose focus. We will continue this discussion as events unfold.

6. Approval of 148th Meeting Minutes: *[These minutes were re-distributed by e-mail on October 5, 2008.]* The minutes were approved by voice vote.

7. Treasurer's Report: Mr. Erik Johannessen distributed paper copies of the Treasurer's report for the period ending September 30, 2008. The report is attached to these minutes.

In response to a question from Mr. Conover about credit-card handling fees, it was recommended that the Operations Center shop the account around for better rate. The Secretary will deliver the message to our Operations Director, with a suggestion that she contact Mr. Conover.

8. Secretary's Report: Dr. Bob Lilley reported that minutes have been taken and distributed as required, and support has been provided for President Bond's correspondence and briefings; for the ILA election committee; receipt and response or referral of inquiries received by ILA; assistance to the ILA Operations Center for member renewal and support, database, and convention operations.

Archive activity continues, with scanning, OCR and posting of ILA documents to the web page archive section. Older Board minutes and membership lists are the current project, as we continue to clear out paper and produce CD- and web-based Association records.

With reference to the web page, **Dr. Offermans** asked Mr. Johannessen if he would post the latest copy of the *eLoran* description document on the main pages of the ILA web page.. (The draft is there now, and the final copy is posted in the Archive section.)

9. Committee Reports, Special Reports and Assignments

- **Audit:** Chair **Mr. Johannessen's** auditor at Megapulse does this. No audit problems were reported. The 2008 books have been closed, and the new fiscal year opened October 1, 2008..
- **Awards:** Chair **Bill Roland**. Awards were not included in the ILA-37 program. *[After the meeting, contact with Mr. Roland confirmed that he is ready to hand off the Awards committee responsibility. Dr. Offermans had previously expressed interest in the Awards Committee, and the Secretary and Operations Director are assisting in the transition from Mr. Roland to Dr. Offermans. Awards for the 2007 and 2008 meetings will be "caught up" at ILA 38.]*
- **Congressional Liaison:** Chair **Mr. Larry Barnett** – no report at this meeting.
- **Constitution:** Chair **Dr. Bob Lilley** – no report at this meeting.
- **Nominating:** Chair **Dr. Diggle** presented 2008 election results; these are attached.
- **GAUSS:** Chair **Dr. Gerard Offermans** reported no GAUSS meeting at ILA-37, and he referred members to the current LORIPP/LORAPP version of the e-Loran Signal Specification on the RTCM Committee 127 website for evidence of current standardization work.
- **Membership:** Chair **Mr. Erik Johannessen** – no report at this meeting
- **Newsletter:** Chairs **Messrs. Otis Philbrick and Al Frost** – no report at this meeting
- **RTCM:** RTCM's **Robert Markle** discussed the eLoran Minimum Receiver Specification being developed. The objective is to firm up this receiver specification, and to review the signal specification.

Dr. Offermans inquired about status of the various signal specifications which have been mentioned in recent meetings: USCG, ILA, and the LORIPP/LORAPP have all taken steps toward preparing such a specification.

It was noted that the "Coast Guard specification" is for *modernized Loran-C*; not to be confused with a specification for a fully-functional eLoran system.

Mr. Doherty asked about the publication schedule for the receiver specification. **Mr. Markle** replied that the first draft will be available at the SC-127 working session tomorrow (November 1, 2008). Once that draft is "finished," there is a 60-day RTCM voting period. **Dr. Ben Peterson** was quoted *in absentia* as thinking "several years" would be required to develop a full eLoran specification and get it approved and issued by USCG. The remark was made that "We don't need to wait that long."

Dr. Paul Williams said that Europe currently uses Loran-C with Eurofix, and that a final specification will eventually be required. The core services vs application services concept is supported. Need the European Consortium to act, and it will be a few years in Europe for a final specification.

Mr. Doherty urged that we should publish now whatever we can support, to “get it moving.”

Mr. Jacques Manchard asked, “Will IALA be involved?” If so, we must route information to the IMO, through Dr. Nick Ward.

10. ILA37 (London) Convention Review: Paul Williams, Erik Johannessen

President **Langhorne Bond** described the 2008 meeting as a “great success,” and this characterization was echoed by Dr. Paul Williams, the ILA’s representative on the convention committee. He said RIN was pleased at ILA’s contributions to the meeting. Treasurer **Erik Johannessen** endorsed the joint concept with RIN, and reported that in Mid-May the business arrangements were completed with RIN. Final accounting to follow.

11. ILA-38 Convention Venue and Chairperson(s)

A variety of possible venues was brought forward from several contributors. Seattle, San Diego, Washington and Portland (Maine) in the US were considered, as were a repeat meeting in London, and other cities.

On the matter of ILA/ION cooperative meeting, **Mr. Doherty** will not engage with ION until ILA decides time and location. ION is concerned about scheduling, given their busy meeting schedule. ION would like to do it in Washington, DC in Early November. Details will come later, as planning proceeds.

12. Appointed Directors and Officers for 2009: The Board agreed to Mr. Bond’s appointment of Dr. Chris Bartone, Mr. Erik Johannessen, and Mr. Seung Gi Gug to one-year terms as Directors.

Mr. Offermans has stepped aside as Vice-President, and the Board agreed with Mr. Bond’s appointment of **Mr. Zachariah Conover** as Vice-President.

13. Old Business

ILA Operations Center Contract: **Mr. Bond** proposed that the current arrangement with independent contractor Ellen Lilley be continued without change. *Agreed to without objection.*

14. New Business

Mr. Manchard noted that we receive the “Coordinates” publication and asked what we might contribute to / learn from India’s program. **Dr. Lilley** will initiate e-mail correspondence with the editor, Bal Krishna, and try for involvement from India; **Dr. Offermans** was asked to follow up.

15. Awards for last year: See Awards Committee report, Para. 9 above.

16. Adjournment

The meeting was adjourned by President **Langhorne Bond**, at 5:40 PM

Results of the ILA Election, 2008

President: Re-elected to a 1-year term

Hon. Langhorne Bond - Bond and Associates

Directors: Elected to three-year terms:

Zach Conover – Crossrate Technologies
Tom Gunther – Booz-Allen and Hamilton
Sherman Lo – Stanford University

The president and directors take office at the close of the 2008 Convention and Technical Symposium in London, UK, October 27-30, 2008. See www.loran.org (EVENTS) for information.

The ILA thanks its membership for participating in the election as candidates and as voters. We look forward to a successful 2008-9!

The full board for 2008-2009 is given below. Terms expire at the convention in the years given:

President		
- Langhorne Bond	2009	
Past-President		
- Linn Roth	2009	
- John Beukers		(consulting)
Elected Directors		
- Sally Basker	2010	
- Marc Clerens	2010	
- Zachariah Conover		2011
- Thomas Gunther		2011
- Tamotsu Ikeda	2010	
- Bob Lilley	2009	
- Sherman Lo		2011
- Jacques Manchard	2009	
- Gerard Offermans	2010	
- Chuck Schue	2010	
- Paul Williams	2009	
- Durk van Willigen	2009	
Appointed Directors (one-year terms)		
- (vacant)	2009	[Erik Johannessen]
- (vacant)	2009	[Seung Gi Gug]
- (vacant)	2009	[Dr. Chris Bartone]

Zachariah Conover joins the Board for a three-year term. Sherman Lo and Tom Gunther are re-elected to three-year terms.

Submitted by Dr. David Diggle, for the Nominations and Elections Committee

[At the 149th meeting, Mr. Bond received Board ratification of his appointments: Erik Johannessen, Seung Gi Gug and Chris Bartone to one-year terms.]

Treasurer's Report

The fiscal year for ILA closed on 30 September 2008. The year end statements were completed 3 weeks later and show that the general financial health of the ILA remains satisfactory. In the current statements we are recognizing convention expenses but no revenue from advanced registrations for the upcoming convention in London. As a result there is a small loss for the year. Both of the conventions in Groton (2006) and Orlando (2007) resulted in surpluses that have improved the cash position of the ILA over the last couple years. Annual operating expenses have remained relatively flat during the same period.

It is forecast that the 2008 convention will result in little change in the financial position of the organization and the Treasurer will likely advise that the criteria for selection of next year's convention location be more strategic than financial.

Tax returns for FY07 were completed and filed in February 2008.

Pending approval by the ILA Board of Directors, the ILA Statements of Profit and Loss and the Balance Sheets covering the past three years will be available to any member upon request to erikj@megapulse.com

International Loran Association

Balance Sheets

	October 1, 2008	October 1, 2007	October 2, 2006
Assets			
Hocking Valley Bank	40,106.63	44,625.55	26,585.75
Keypoint Credit Union	2,308.54	3,696.14	5,457.09
	<u>42,415.17</u>	<u>48,321.69</u>	<u>32,042.84</u>
Liabilities and Equity			
Retained Earnings	48,321.69	32,042.84	38,747.63
Net Income/(Loss)	(5,906.52)	16,278.85	(6,704.79)
	<u>42,415.17</u>	<u>48,321.69</u>	<u>32,042.84</u>

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Statements of Profit and Loss

	Year Ending October 1, 2008	Year Ending October 1, 2007	Year Ending October 1, 2006
Revenues			
Membership Renewals	7,150.00	4,860.00	5,075.00
Conf ILA34 Santa Barbara	-	-	18,670.00
Conf ILA35 Groton, CT	-	31,415.00	5,410.00
Conf ILA 36 Orlando	16,350.00	15,845.00	-
Conf ILA 37 London	-	-	-
GAUSS	735.00	945.00	735.00
Conference Sponsors	3,561.00	3,900.00	6,239.00
Other Income	945.00	420.00	895.00
Interest Income	179.67	250.77	176.30
	<u>\$ 28,920.67</u>	<u>\$ 57,635.77</u>	<u>\$ 37,200.30</u>
Expenses			
OPNS Support	11,400.00	11,400.00	13,300.00
Bank Service Charges	1,757.40	1,697.00	1,351.80
Conf Exp ILA34 Santa Barbara	-	-	23,013.20
Conf Exp ILA35 Groton, CT	-	-	750.00
Conf Exp ILA36 Orlando	16,541.89	22,580.88	-
Conf Exp ILA37 London	1,155.65	3,000.00	-
Awards	797.83	-	-
Printing expenses	423.15	-	672.62
Office Supplies/Expense	592.70	418.32	489.59
Telephone	1,042.73	175.39	1,001.00
Postage & Freight	315.84	1,073.76	1,025.56
Marketing/Promotion	500.00	629.57	629.57
Website	300.00	25.00	1,213.00
	<u>\$ 34,827.19</u>	<u>\$ 41,356.92</u>	<u>\$ 458.75</u>
Net Income / (Loss)	<u>\$ (5,906.52)</u>	<u>\$ 16,278.85</u>	<u>\$ (6,704.79)</u>

Documents/ILA

October 2008

ACTION ITEMS – 149th Meeting of the ILA Board
(Items in parentheses refer to Minutes paragraphs.)

Bob Lilley: Locate forum software and test (Para. 4)

Board: Seeking volunteer to administer/moderate the forum, refer inquiries, etc. (Para. 4)

Jim Doherty: Arrange for ION letter to ILA re: collaborative meetings. (Para. 5)

Ellen Lilley: Contact Zach Conover re: Bank fees for credit-card acceptance (Para. 7)

Erik Johannessen: Post new board members' names on the web page. (Para. 8)

All: Prior to November 30, suggestions will be accepted for venue for the next meeting. Need location plus conference and technical chairs. (Para. 11)

Bob Lilley: Send venue message to membership (Para. 11)

Mr. Bond: Decision on/after November 30 on venue (Para. 11)

Bob Lilley: Initiate e-mail with Bal Krishna, editor of India's "Coordinates" e-magazine, and try to begin an ILA dialog in India. Copy Dr. Gerard Offermans for follow up.

Bob Lilley: Distribute minutes for approval, 2009 stationery, election 2009 preview, board matrix file. Continue archive transfer from paper to computer media.