



records to him - and other files and historical data will be moved to a central repository - probably with Beukers.

Eventually all records, historical files, past Proceedings and Journals, new member literature, fact sheets, etc. should be located centrally and NOT moved with changes in composition and duties of Directors. Beukers may be able to handle this on site with some cost to WGA. All historical and archival records should be located there also.

The basic purpose is to modernize the handling of Secretary position, which has to be picked up from Fehlner, and provide the capability to expand the WGA membership pursuant to initiatives Beukers has been describing for well over a year. The process would be undertaken in discrete steps to determine if the Board desires to keep moving ahead in that direction or change (reverse) course. Looking well ahead, with continued growth in membership, WGA should consider executive or professional management of the organization.

The question is: "Does the Board want to move ahead?" The following comments and discussion took place:

Dean - Need membership approval to proceed. Plan to present plan to members at General Meeting on Thursday morning - to get membership reaction.

McGann - Concurred that we MUST do something - WGA represents radionavigation system with largest user community in the world.

General - Need contingency plan - focus on users - want to see things on spread sheet - what happens if we don't make membership goals - see greater involvement of Board (YES) - this is a MAJOR transition point (YES) - we are moving toward a paid staff (YES).

It was the consensus of the Board that we should move ahead with the project as discussed. That we need to be enthusiastic about the project at the General Membership meeting later this morning.

The motion was made to approve execution of Beukers growth strategy proposed today and in the past recognizing the commitment necessary. The motion was seconded and approved.

### Item 3\1990 Convention

Reopened discussions started at last Board meeting. Ideas for location included Oklahoma City as mid-continent Loran-C chains would be about to go on air. FAA Technical Center could help (Chick Longman as chairman?). FAA put lots of time and money into mid-continent expansion. Question raised how much support Chick Longman (now retired) would get from FAA Center? Also he has no experience with WGA convention process and procedures. Need to hold convention where many members can easily attend discussed. We may have large increase in membership by then. Suggest have a Board meeting at FAA Technical Center first to feel things out. Perhaps focus on Oklahoma City for the 1991 Convention after Loran-C chains are on air. After additional discussion and volunteering by Jim Alexander to chair the convention in SOCAL, Board voted to hold 1990 Convention some place in Southern California.

Item 4-Future Board Meetings

January Board meeting will be held in conjunction with the ION winter technical sessions in California. Maybe Spring meeting in Oklahoma City and the Summer meeting on East Coast (Washington, DC).

Item 5-General Items Discussed

Bob Frank discussed availability of many of the papers from the first three WGA Technical Conventions at which Proceedings were not published. He could make copies for sale. Discussed need to get these into the library with other Proceedings. Frank will announce availability at General Meeting. (Exhibit 1)

Passed on suggestion to Bob Lilley concerning possible printing of a standard "boiler plate" with each newsletter which lists Directors, addresses WGA official address and a phone number, membership information, etc.

Ed McGann asked to have his Massachusetts attorneys review WGA Charter and Articles of Incorporation to verify our tax exempt and non-profit status.

Illgen had an attorney (Bob Olson-Santa Barbara) review the paperwork. On the surface Attorney Olson felt the paperwork was in order but due to the differing laws in each state that he recommends a Massachusetts attorney evaluate WGA status. WGA is incorporated in the Commonwealth of Massachusetts.

Alexander read proposed letter to SECDOT from WGA as discussed during earlier Board meeting. Board approved letter to be sent with examples of incidents of degraded Loran service. Heads up will be provided first - Ed McGann will have it typed and sent.

Item 6-General Meeting Agenda reviewed by Illgen

Item 7-Next Meeting

The next meeting will be held in conjunction with the winter ION Technical Meeting in California during January 1989. Board will be notified of time and location.

Item 8-Adjournment

The meeting was adjourned at 0755, 27 October 1988.

J.F. Culbertson  
Acting Secretary

cc: President  
Board  
R.W. Lilley  
R.H. Miller  
R.L. Frank  
J.O. Alexander  
D.C. Scull

## MINUTES OF THE 83rd MEETING OF THE BOARD OF DIRECTORS

The 83rd meeting of the Board of Directors was held as scheduled at the Portland, Oregon Hilton Hotel. See Exhibit 1.

### \Attendees\

#### \Directors\

J.D. Illgen  
J.F. Culbertson  
C.S. Andren  
J.M. Beukers  
R.D. Bronson  
D.A. Carter  
V.L. Johnson  
W.L. Polhemus  
M.J. Moroney  
W.N. Dean  
E.L. McGann  
J.P. VanEtten

#### \Proxies\

L.F. Fehlner  
(Exhibit 2)  
  
D.C. Scull

#### \Members\

Bob Lilley  
R.L. Frank  
J.O. Alexander

### \Item 1\ - Call to Order

The meeting was called to order at 1625 on 24 October 1988. The number of Directors present met the requirements of a quorum.

Illgen reviewed the agenda and emphasized a large fraction of the Board meeting would be devoted to the WGA expansion program being championed by John Beukers. Illgen emphasized the need to decide in favor of this proposed expansion program for the following reasons:

1. Users are interested in joining the WGA (this segment represents dramatic growth).\*
2. The WGA today is where the Association of Old Crows (AOC-Electronic Warfare Association) was 20 years ago when AOC's Board decided expansion of operations (administrative and financial) as well as providing more benefits to the membership.
3. The WGA has a "champion" in John Beukers who is strongly supported by Jim Culbertson.
4. Substantial planning information has already been provided by John Beukers and Jim Culbertson and the expansion program as proposed has virtually no financial risk to the WGA.
5. Expansion of the WGA provides a stronger organization forum to foster the technical merits of Loran-C and the need for a mix of navigation/position location systems that includes Loran-C.

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\* During the Portland symposium it later became clear more users were in attendance without any advertising.

Illgen emphasized that a strong commitment by the Board to support Beukers' efforts was necessary to successfully achieve the objectives of this "growth strategy."

#### Item 2- Secretary's Report

The Minutes of the 82nd Meeting of the Board were accepted with the following correction:

Item 4, Paragraph h - Culbertson stated he is not aware of the FAA Loran-C Planning Working Group report submitted on his behalf by Carter. Illgen believes he may have report.

Secretary's Report dated 10 October 1988 was delivered to the President and acting Secretary. Due to its size and the limited time available, this report was not read or taken up by the Board. Most of the content related to the pending transfer of Secretary responsibilities. (Exhibit 3)

#### Item 3- Treasurer's Report

The Treasurer's Report was approved as submitted. (Exhibit 4)

#### Item 4- Committee Reports

##### a. Conventions

1987- Illgen to write letter to close all accounts.

1988- Bronson reported the following: 105 registered as of 23 Oct - have exceeded room guarantee to hotel - motion to designate the technical meeting room as "nonsmoking area" approved - motion to print 50 percent more (than registered attendees) copies of Technical Proceedings approved.

1989- Motion approved to hold convention from Sunday, 29 October 1989, through Wednesday, 1 November 1989, at the Tara Hyannis Hotel and Resort as stated in memo by Moroney/McGann dated 3 October 1988. (Exhibit 5)

1990- Discussed need for someone to champion convention along with possible locations including North Dakota, Colorado Springs, Oklahoma City, and Southern California. The fact that Washington, DC, has always served as "center of gravity" for WGA discussed - 1991 candidate. Item to be discussed further at second Board meeting scheduled for Thursday, 27 October 1988.

b. Journal (1987-1988)- Item discussed at length at earlier Executive Committee meeting. Beukers provided each Board member with folder containing a discussion of 17 topics and diagrams that relate to his initiatives and the Journal publication. Board was requested to review this material and be prepared to approve initiatives at the next Board meeting on 27 October 1988. Motion approved to print and distribute WGA Fact Sheet (fold-out), revised to delete the words "a non-profit organization," at cost not to exceed \$300.

c. Membership- No Report. Bill Garmany has agreed to become the new Chairman. Toms will be requested to continue mailing new membership packages until an orderly transfer of materials can be accomplished pursuant to the changes in secretary, membership, and data base management responsibilities. Plans are to centrally locate all

the past Proceedings, Journals, etc. and NOT transfer them on to each subsequent Membership Chairman.

d. Newsletter-Bob Lilley will become the new Editor of the Newsletter (Goose Gazette)., Use of bulk mailing was discussed and will be explored. Miller to produce January 1989 newsletter. After that Lilley to take charge.

e. Nominations and Elections-No current activity. Previous report of election results was issued by Van Etten in his memo of 5 July 1988. Will need Board member's ideas for next year's candidates shortly after 1 January 1989. Also get biographical statements from any candidates nominated.

f. Congressional-McGann discussed fund raiser breakfast for Congressman Denny Smith the following morning. McGann brought this up as a point of interest and not as a WGA-sponsored function. No progress on HYPERFIX issue with Navy. Briefed VADM Robbins, USCG (MARDEZ Pacific Commander) and Navy MARDEZ Planning Officer this morning on status of Loran-C worldwide and potential for use in mine warfare arena. The Government of Italy reportedly has announced Loran-C as an official navigation system. Importance of having Congressional staffers at the WGA Technical Conventions emphasized.

g. Awards-Committee Report as amended (Exhibit 6) introduced and accepted.

h. Civil (FRP Response)-Illgen discussed WGA official input to FRP and letter signed by RADM Nelson, USCG. Illgen already sent reply clarifying when WGA had submitted draft comments.

i. DoD-Illgen discussed current activities. DoD report prepared by WGA-DoD Working Group near completion. Expect draft for Board review 1st Quarter, 1989.

j. Audit-Illgen sent letter to Cal Culver. Cal will conduct an independent audit and provide results to the WGA.

k. Historic-Illgen expressed desire to document WGA history on a priority basis. Dean discussed IQA project to publish bibliography by Jack Pierce - and concern by IQA of WGA ignoring previous requests for WGA advertising and purchasing of this document. IQA wanted WGA to subsidize Pierce biography. Due to on-going programs, WGA has not participated in providing funds for the Pierce book. Acknowledging the book's availability by the WGA has occurred on several occasions. WGA has not ignored requests but will coordinate with IQA to air this concern.

#### Item 5-Old Business

a. Post Card-Beukers brought 1000 cards with him - these were distributed to II Morrow, Arnav, ANI, and other manufacturers for inserting with receivers being delivered. Beukers and Culbertson agreed that they were geared up sufficiently to begin handling any increase in membership.

b. IALA Paper-Culbertson reported that Fehlner was preparing first draft for review.

c. Oceans '89 Session-Being held 18-21 September 1989 in Seattle. Illgen and Dean to chair special WGA session set aside for Loran-C papers.

d. Maritime Defense Zone (feedback)-Culbertson/McGann met with VADM Clyde Robbins, USCG this morning in Alameda. McGann provided same briefing given to VADM Thompson last spring. Navy MARDEZ planning officer in attendance discussed HYPERFIX issue for mine warfare and supported usefulness of Loran-C in MARDEZ arena. McGann discussed general unwillingness by Navy to discuss HYPERFIX matter and to listen to Loran-C options. McGann and Illgen are working with Congressmen Smith and Lagomarsino on this issue. Preliminary meeting planned with Lagomarsino followed by meeting with Navy CNO 1st Quarter 1989. No additional briefings to USCG or Navy planned for near future.

#### Item 6-New Business

Illgen announced his desire to appoint Bob Bronson to the Board for a one-year term and ballots were distributed that included discussion of Bronson responsibilities for convention documentation. Appointment unanimously approved.

a. West Coast and Aleutian Loran-C chain service reductions. Board discussed off-air times, short notices, and apparent permissive Coast Guard attitude toward approving these types of services reduction. Board agreed that a strong letter to the Coast Guard should be prepared. Alexander and McGann took as action item.

b. Newsletter distribution to Loran-C transmitting stations, control monitor stations, R&D Center, etc. discussed and thought to be a good idea. Coast Guard Standard Distribution List has all the addresses. Culbertson or Alexander will obtain and provide to Editor Lilley.

c. Moroney discussed FAA prepared video tape on Loran-C which might be a nice thing to make available to Coast Guard personnel at Loran and monitor control stations to let them know how the Loran system is being used - a good refresher course for COCO's. Board agreed - process to have these made available not resolved.

#### Item 7-Next Meeting

The next meeting will be held at 0630 on Thursday, 27 October at the Portland Hilton in a room to be announced. Continental breakfast to be provided.

#### Item 8-Adjournment

The meeting was adjourned at about 1900, 24 October 1988.

J.F. Culbertson  
Acting Secretary

cc: President  
Board  
R.W. Lilley  
R.H. Miller  
R.L. Frank  
J.O. Alexander  
D.C. Scull