

BOARD OF DIRECTORS

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WILD GOOSE ASSOCIATION

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APRIL 10, 1979

MINUTES OF THE 37th BOARD OF DIRECTORS MEETING

The meeting was held in Conference Room 7200, NASSIF Building, Department of Transportation, Washington, D. C., and convened at 9:30 a.m. The following Directors and members were present:

Bahar Uttam
Vern Johnson
Carl Andren
Paul Abramson
Walt Dean
Leo Fehlner
Lloyd Higginbotham
Hank Hilbun
Dan Panshin
Vernon Weihe

Agenda Item 1 - Call to order.

President Uttam called the meeting to order at 9:30 a.m.

Agenda Item 2 - Minutes of the 36th meeting.

Mr. Uttam reviewed the minutes of the previous meeting and called for exceptions or additions to them. Minutes were reviewed, corrections made and accepted.

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Agenda Item 3 - Reports

- a) President's Report - Mr. Uttam announced the following appointments:
- Mr. Paul Abramson DOT/TSC to the WGA Board of Directors.
 - Mr. Lloyd Higginbotham to be Co-chairman with Captain William Roland of the 1979 WGA convention.
 - Mr. Ron Warren to be Technical Chairman of the 1979 WGA Convention.
 - Mr. John Illgen to be Editor of the WGA Newsletter.

Mr. Uttam discussed other appointments to the WGA Board. He advised that Mr. Mike Eton had been asked to be the Canadian Representative to the board. Mr. Eton expressed his gratitude but was concerned that he might have difficulty attending WGA Board meetings in Washington. Mr. Eton to advise Mr. Uttam of possible other Canadian candidates. Mr. Uttam also advised that the board opening for a major marine distributor was still open. Board members to consider candidates for appointment. Mr. Uttam stated that the revised letter to Radm Stewart concerning The Loran C Signal Specification was sent out on March 7th. It is now in Committee within U. S. Coast Guard who are preparing a response.

- b) Secretary's Report - Mr. Abraczinskas was absent. Report was deferred.
- c) Treasurer's Report - Mr. Andren submitted the Treasurer's Report to be distributed with the minutes. Mr. Andren stressed that there were still delinquent 1978 Journal Advertising monies of \$2,255.00. Additional effort would be made to reduce the outstanding balance.
- d) Convention Chairman's Report - Mr. Johnson advised the board that he had shipped 500 copies of the 1978 Convention Proceedings to CDSI for mailing to members and those non-members who were registered at the convention. Copies not

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utilized by CDSI for mailing would be returned to Lloyd Higginbotham for sale. Mr. Johnson has mailed a copy of the proceedings and a photograph of themselves to the speakers, panel members, etc.

Mr. Johnson reported that if the proceedings were printed outside of ITT for the total membership the cost would have been \$6,000.00 (\$10.00 a copy). He suggested that the WGA consider whether it should continue mailing the proceedings to all members.

The subject of a theme for the next convention was raised but this item was deferred.

e) Standing Committee Reports:

- 1) Executive - No meeting was held.
- 2) Constitution - Mr. Fehlner suggested modifying the WGA Constitution to have the President's term run for two years. A consensus of approval was expressed by the board. No motion was made. Item is deferred.

Mr. Uttam raised the standing question of The Wild Goose working together as a division of the Institute of Navigation. Mr. Hilbun stated that since the WGA are advocates of the Loran System this would be against the ION by-laws. There was no additional discussion.

- 3) Membership - Mr. Higginbotham gave the board this report -

The membership listing at CDSI is finally in working order. There were 332 1978 Navigation Journals and 466 Convention Proceedings mailed last week. The book rate of 46 cents was applied to the Proceedings and the bulk rate to the Journals.

The newsletter prepared by Mr. Uttam has been placed in a work order status at CDSI and should be mailed shortly.

The membership status is approximately the same. The dues notices should be mailed within a week or two. Mr. Higginbotham recommended that the ballots for the upcoming election not make reference to the dues status this year.

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Mr. Dean's election ballots to be mailed after the dues notices.

- 4) Historical - Mr. Dean Reported that nothing was new. Mr. Fehlner commented that he might have some documents to contribute.
- 5) Awards - Mr. Hilbun reported that nothing was new. Mr. Fehlner advised that he has sent Mr. Hilbun the award's documentation.
- 6) Nomination and Election - Mr. Dean submitted the candidate slate for the upcoming WGA election. Mr. Higginbotham moved that the nomination slate be closed. Mr. Dean seconded. The motion carried. Mr. Dean advised the board that the mailing of election ballots is to be done by CDSI. Mr. Dean to send the envelopes to CDSI. There was discussion by Mr. Dean and the board as to which membership list (1978 or 1979) should be used for the election. Mr. Dean made a motion that "Members who have paid their 1978 dues to be considered members in good standing for purposes of balloting for 1979." Mr. Johnson seconded the motion. The motion carried. Therefore by special action of the Board of Directors Mr. Dean is directed to use the 1978 and 1979 membership lists for this purpose.

f) Special Committee Reports -

- 1) Congressional Liaison - Mr. McGann was absent - No Report
- 2) FAA Certification - Mr. Polhemus was absent - No Report
- 3) System Characterization - Mr. Johnson reported for Mr. Van Etten.

Mr. Johnson reconfirmed Mr. Uttam's report that the letter covering the WGA's recommendations on Loran C Signal Specification was sent to the USCG Chief of Staff by Mr. Uttam on March 7, 1979. USCG now preparing a reply.

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The U.S. Coast Guard has completed a new draft of the Signal Specification. It is now in internal review. After internal review is complete (2 weeks is forecasted) it will go for Field Review (W. Mooney, C. Potts, W. Hayes, EECN etc.). Also at that time the specification will be given to the WGA for review.

In the Signal Specification the chains are categorized in terms of category 1 or 2 and single or dual rate. The ancillary information provided is in terms of chain data sheets, predicted coverage charts, ECD, isobars etc.

- 4) Spectrum Clearance - Mr. Fehlner advised that nothing was new. The ball is in the Government's Court.
- 5) Publicity - Mr. Beukers was absent - No Report. Mr. Johnson stated the need for getting notices of the WGA convention out to the media (Aviation Week, etc.). Mr. Higginbotham suggested we try to get the assistance of Mr. Harry Raven or Mr. Bill Rice. Item deferred.
- 6) Radionavigation Journal - Mr. Uttam reported that the 1978 Journals were mailed by CDSI. The request for advertisements in the 1979 Journals would be out soon.

Agenda Item 4 - Other Business

- a) Discussions on the 1979 Convention. Mr. Fehlner suggested that the WGA arrange for a banquet speaker now, not one month before the convention. The recommendation was also made that the speaker not be technical as in the past, but possibly a good entertainer. The idea of a hospitality suite again was discussed
- b) Mr. Uttam requested Mr. Abramson to advise the board on what programs the Transportation System Center is working on in the Loran C area. Mr. Abramson reported on the following programs.
 - 1) Power Line Interference - A program was done last fall in the state of Tennessee. The report should be published in a month. It was also noted that The Power Line Interference in the Boston area was terrible.

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- 2) Land Application - A short test last month was done in the state of Vermont using the TSC Van and marine receivers. The purpose was to see if Loran C could be used for Cadastral Surveys (survey to establish tax boundaries) for the state of Alaska.
- 3) Airborne Application - Currently testing airborne uses of Loran C for landing aid applications. The program is entering into the flight phase segment after some preliminary hardware problems.
- 4) Land Application - New York state Loran C Demonstration Program. Decision on contractor award should be made this month.

Los Angeles Demonstration - Gould is writing a report which should be out in the next month or two.
- 5) Marine Application - St. Lawrence Seaway Test Program. Using Loran C and Radist with Motorola Mini Ranger as a baseline.
- 6) Land Application - U. S. Senate directed DOT contract with Purdue University. Automotive area concerned with Loran C antennas, Grounding, Shielding, etc.
- 7) Marine Application - TSC starting tests with GPS. Tests to be conducted on the west coast first, followed by further studies in the Gulf of Mexico on the Texas A & M 175' research vessel.
- 8) Benefits Analysis - Loran C for caribbean is an FY81 request. TSC is hoping to help. Further analysis forecasted for Hawaii and the North Slope of Alaska.
- 9) Mid Continent Chain - In DOT's spring review process for determination whether to include in FY81 budget.
- 10) Land Application - TSC developing a Loran C land R & D plan later this year. Study what needs to be done such as receiver design, calibration etc.

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- 11) Civil Radionavigation User's Workshop - Conference to be held October 9 - 11, 1979 in Washington, D. C. TSC trying to insure that Air, Marine and Land users attend.
- c) Theme for the 1979 WGA Convention "Loran C Support for Marine, Air and Land Users".
- d) Mr. Uttam advised the board that fellow board member Leo Fehlner had received wide press coverage (TV and Newspaper) on APL's LONARS System.
- e) The next Board of Directors meeting will be held on Tuesday, June 12, 1979 at USCG Headquarters, Room 6336, Washington, D. C.

Raymond J. Abraczinskas
Secretary