19th

Minutes of the Nineteenth meeting of the Board of Directors held February 10, 1976 at U.S. Coast Guard Headquarters, Room 4338, Washington, D.C..

The following were in attendance:

W. N. Dean

E. Durbin

C. F. Fehlner

E. L. McGann

R. A. Pasciuiti

(K. R. Bruhl)\*

(T. Verardi)\*

(H. Patch)\*

(W. F. Reveille)\*

Absent from the meeting:

W. F. Roland
T. Daniels
D. Higginbotham
D. Haislip
D. M. Beukers
J. A. Parini

The meeting was brought to order at 10:10 a.m.

J. P. VanEtten

- 1. The President read the minutes of the seventeenth and eighteenth meetings of the Board of Directors held on September 24th and December 3, 1975. The minutes were approved as written.
- 2. In the absense of Bill Roland, Treasurer, a formal Treasurer's Report was not submitted. It was the general consensus that the Association was in the black and the past year's events were successful.
- Conventions: A twofold plan developed. The regular Fifth Annual Convention will be held in the greater Washington, D.C. area. A second meeting will be held 6 months after the October meeting. This meeting will be held on the West Coast to inaugurate West Coast Loran-C coverage.

Bill Reveille accepted Chairmanship of the October '76 convention committee. A Technical Chairman was not appointed in anticipation that Norm Dickerson would again accept the position.

The following convention theme was selected: "Technical and Legal Enforcement of Marine Law Using Loran-C". Ed Durbin suggested that the theme be expanded to read, "(Or, Whose Country is this Anyhow)". There was no action on this suggestion.

Ed McGann accepted task of Publicity Chairman to attract international participation.

The display of equipment at the convention is to be encouraged.

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4. The West Coast Meeting is anticipated to be held back-to-back with some similar organization such as ION-RTCA-etc. A coordination committee was appointed:

John Hopkins - Chairman Ed Durbin Ed McGann Bill Reveille

- 5. Walt Dean accepted Chairmanship of the Elections Committee. A President and four Directors are required to be selected.
- 6. Leo Fehlner presented samples of insignia for lapel pins-tie tacks, etc. There is a one time die charge of approximately \$190.00 (WGA retains ownership of die). The cost of pins range from \$1.65 to \$5.00 depending upon material used. Ed McGann to investigate another firm in the Boston area for comparison. It was agreed that WGA would underwrite and absorb the cost of the die.
- 7. The President read the WGA letter of May 15, 1975 to USCG (Copy to OTP) concerning interference in the Loran-C Band. Leo Fehlner, Chairman of the WGA IRAC Liaison Committee presented an overview of the World Administrative Conference by ITU in 1979 and some of the problems that will be encountered. Tom Ferardi presented additional input that the international political problems are substantial; that some nations don't have the necessary voting power and that a grass roots movement needs to be started outside of Region II to get ideas moving and into the conference agendas.

Tom also presented a different approach to the interference problem in that the various low frequency transmitter services could occupy the same or near frequency if these transmitters were operated orthogonal to each other. Tom recommended that some means be found to encourage growth of this basic idea on an international basis in the low frequency regions.

Leo Fehlner is to attend the February 18th meeting of the Techniques Working Group of the IRAC Technical Subcommittee for the purposes of presenting technical information on time multiplexing of transmitter radiation.

8. The President read the Ed Condon West Coast Workshop Summary. Possible WGA actions items were covered:

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## 8. (Continued)

- A. Loran A/C Overlap Time
- B. Receiver Descriptions Pro's and Con's
- C. Radio Navigation Journal primer on Loran Receivers.

No firm course of action was reached on the solution of overlap time. Ed Durbin suggests that it is just too early to respond and is it really a problem?

Ed Durbin accepted Chairmanship of a committee, who with Walt Dean will prepare in generic terms, a description of the various types of Loran-C receivers in laymens language; keeping in mind the various and different user oriented operational uses. A suggested Test Regime and performance characteristics will also be prepared.

The user to at least have some guideline to select and choose a receiver from the various manufacturer's types offered.

- 9. Bill Reveille advised that the next edition of the Goose Gazette will be released soon. The President requested that the West Coast Loran-C Conference Summary be included.
- 10. In the absence of John Beukers, Keith Bruhl advised that the work on the Loran-C System Description was at a temporary standstill, and in particular, the issue of Loran-C communications.
- 11. The President presented a draft letter as a discussion item toward recommending reasons to re-examine the Loran-C/Loran-A overlap period (to as much as five years). The draft was thoroughly discussed. No Action taken.
- 12. A motion to adjourn was introduced by McGann and seconded by Fehlner. The meeting was adjourned at 2:16 P. M.

Respectfully submitted,

Keith R. Bruhl

for

John M. Beukers

Secretary

March 11, 1976

KRB:mw