

BOARD OF DIRECTORS

- W. N. DEAN* *President*
- J. F. CULBERTSON* *Vice President*
- L. F. FEHLNER* *Secretary*
- D. A. CARTER* *Treasurer*
- J. ALEXANDER*
- B. AMBROSENO*
- C. S. ANDREN*
- L. D. HIGGINBOTHAM*
- V. L. JOHNSON*
- A. W. MARCHAL*
- E. L. McGANN*
- W. L. POLHEMUS*
- W. SCHORR*
- J. P. Van ETTEN*



WILD GOOSE ASSOCIATION

1 November 1985

MINUTES OF THE 69th MEETING OF THE BOARD OF DIRECTORS

The 69th meeting of the Board of Directors was held as scheduled Wednesday, 23 October 1985 at the Sheraton Santa Barbara Hotel, Santa Barbara, Calif.

The following attended:

Directors	Members
C. S. Andren, President	H. Boettcher
J. A. Alexander	R. D. Bronson
B. Ambroseno	R. L. Frank
D. A. Carter	B. Grant
J. F. Culbertson	J. L. Toms
W. N. Dean	R. Miller
J. D. Illgen	
V. L. Johnson	
A. W. Marchal	
J. P. Van Etten	

The number of Directors present met the requirements for a quorum. The agenda is presented at Exhibit 1.

Item 1 - Call to Order

The meeting was called to order by President Carl Andren at 0922, 23 October 1985

Item 2 - Secretary's Report

After some discussion, the minutes of the 68th Meeting were determined to be correct. Dean moved they be accepted, seconded by Culbertson. Motion carried. The Secretary's report from Fehlner dated October 15, 1985 was received by all board members. Copy of the report is presented at Exhibit 2.

Item 3 - Treasurer's Report

Carter submitted his written report, presented at Exhibit 3. Carter also presented a general comparison of WGA financial activities for the past three years, copy at Exhibit 4. This analysis indicates that the WGA has made money on the Conventions in 1982 and 1983, losing money in 1984.

In reference to investing WGA funds, concern was expressed that this might require additional filing with the IRS which might make it counterproductive. It was decided not to instruct the treasurer to seek interest-bearing vehicles for the treasury funds. Culbertson moved acceptance of the Treasurer's report, seconded by Van Etten. Motion carried.

Item 4 - Standing Committee Reports

a. Constitution and By-Laws - Formation of a WGA Chapter in Europe has not yet been made official. The Peoples Republic of China also is interested in forming a chapter. No action was taken.

b. Conventions - 1984 - Approximately \$3000 loss is estimated, despite printing of the proceedings by ASEC. A formal report has not yet been received.

1985 - The convention, about to start, is well in the "blue", according to Illgen. Important speakers have been scheduled. A WGA "first" is that one paper, from the U.S. Naval Observatory, was rejected.

1986 - Marchal reports that hotel space in New Orleans is available, but prices are high. After discussion, it was decided that a hotel in the \$85 range would be acceptable to most members. Marchal still needs volunteers for most support activities.

1987 - The Washington area is the choice for the 1987 Convention, but no chairman has yet been identified.

c. Awards - Frank reported on the awards to be presented at the convention. These are the Medal of Merit to James Meranda, Best Paper to Lt. R. J. Hartnett and Lt. R. T. Hewitt, USCG, Service Award to C. Andren, L. Sartin, R. Hassard, B. Ambroseno and F. Radin. A copy of the Awards Committee Report dated Oct. 23, 1985 is presented as Exhibit 5.

d. Journal - No acceptable candidate to replace Ambroseno as editor has yet been identified.

e. Membership - Johnson reported welcoming 65 regular members, 1 associate member and 1 life member since April 9, 1985. His written report is presented as Exhibit 6. Approximately 20 of these are European members. It was moved by Van Etten, seconded by Alexander, that all members receive copies of the Proceedings of the 1985 Convention. The motion passed. The cost of shipping overseas was discussed as a factor which could affect the price WGA should charge. Boettcher suggested that journals could be bulk shipped to the European chapter.

The WGA logo filing was done by the ITT legal department. Johnson will check on the status and the availability of ITT support for renewals which may be due every 5-6 years.

It was agreed that the WGA factsheet needed to be updated, but the only concrete suggestion was that the masthead be updated.

Decals have been prepared by the European Chapter. Some are to be put on sale at the 1985 Convention.

f. Newsletter - Dean reported that newsletters had been published leading up to the Convention. He indicated the need for a new editor for the coming year. R. Miller volunteered for the job, and Dean indicated his willingness to appoint him to the post.

g. Nominating and Election - Van Etten confirmed the results of the election. Copy of memo dated July 2, 1985 is presented as Exhibit 7. Dean was elected President, Van Etten, Polhemus, Schorr, McGann and Ambroseno were elected Directors. Dean proposed that J. Illgen be appointed Director for a period of one year, starting immediately. Nine Directors voted in favor, a majority, so Illgen will be a Director until October, 1986.

h. Congressional - Andren reported that the \$5 million for Loran is still in budget committee confusion, although the prospects seem good for its eventual approval. There seemed to be no word on A76 contracting of Loran-C.

Item 5 - New Business

a. There was no discussion of a Loran Standards Committee

b. The Washington, DC area was the almost unanimous choice for the 1987 Convention. A chairman needs to be selected soon.

Item 6 - Next Meeting Date

The IDN meeting in Long Beach, CA, on 21-23 January, 1986 was generally agreed to as a suitable time and place for the next meeting of the Board. President-Elect Dean will confirm.

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 V. I. WEIHE

EXHIBIT 1

P. 1



WILD GOOSE ASSOCIATION

TO: WGA Directors and Committee Chairmen
 FROM: WGA President
 DATE: 22 October 1985
 SUBJ: 69th MEETING OF THE BOARD OF DIRECTORS

The next Board of Directors meeting will be held Wednesday, October 23, 1985 at 9:00 AM at the Sheraton Santa Barbara Hotel, Santa Barbara, California.

AGENDA

1. Call to Order
2. Secretary's Report
3. Treasurer's Report
 - (a) Investment of WGA Funds in Interest Bearing Accounts
4. Standing Committee Reports
 - (a) Constitution Johnson
 1. WGA Europe
 2. WGA Charter - People's Republic of China
 - (b) Conventions
 1. 1984 Convention Report Sartin
 2. 1985 Convention Report Illgen
 3. 1986 Convention Status Marchal
 - (c) Awards Frank
 - (d) Journal Vacant
 1. 1985/86 Journal - Selection of a Managing Editor

EXHIBIT 1

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- (e) Membership Johnson
 - 1. Current Status of Membership
 - 2. WGA Logo - Filing
 - 3. WGA Fact Sheet Update
- (f) Newsletter Dean
- (g) Nominating and Election Van Etten
- (h) Congressional McGann
 - 1. A76 Contracting of Loran-C
- 5. New Business
 - (a) Establishment of a Loran Standards Committee
 - (b) 1987 Convention Site - Discussion
- 6. Establish next meeting date.

Carl S. Andren
President

DATE

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EXHIBIT 2



WILD GOOSE ASSOCIATION

118 Quaint Acres Drive
 Silver Spring, MD 20904
 October 15, 1985

Memo

TO: Board of Directors
 FROM: Secretary
 SUBJECT: Secretary's Report

LAST MEETING

The 68th Meeting of the Board was held on 9 April 1985. The Minutes of this meeting have been distributed to the President, Directors and Committee Chairmen. At this meeting, the Board agreed to meet on 13 August 1985. This meeting was not called by the President. Therefore, the Minutes of the 68th Meeting have not yet been approved. There has been no action on any items which were under consideration at the 68th Meeting and deferred to the next Board meeting. Action items stemming from or deferred from the last meeting are (see Minutes):

1. Approval of Minutes of 68th Meeting
2. From Treasurers Report: Effect on our tax exempt status if we were to invest part of our funds or accept earnings on our banked funds (e.g. NOW).
3. From Convention Comm. Report:
 - (a) Settlement of 1984 Convention accounts and final report to Board.
 - (b) 1986 Convention Plans. (Do we have a hotel?)
4. From the Journal Committee: Invitation to Culbertson to be Managing Editor. (Will there be a 1985 Journal?)
5. From the Membership Committee:
 - (a) Reaffirmation of the use of our logo.
 - (b) "WGA Europe". (We are still receiving mail with this letterhead.)
 - (c) WGA Fact Sheet update

Memo to Board of Directors

6. From New Business:

- (a) "Standards Committee" and related matters initiative.
- (b) Awards Committee Report update

GENERAL

Relative to the Constitution and By-Laws, the next printing of it in the Journal must be amended as follows:

Replace sentences one (1) and two (2) of Article VI Section 4 of the Constitution in their entirety with the following sentence: "There shall be twelve (12) directors elected by the membership of the Association to serve for a period of three (3) years and thereafter until their successors have been duly chosen."

The Nominating and Elections Committee reported the 1985 election results on 2 July 1985. Walter Dean was elected President. The nominees elected to be Directors were James VanEtten, William Polhemus, William Schorr and Edward McGann. Bernard Ambroseno assumes the Board vacancy caused by Dean's election and Andren replaces Ambroseno as immediate past president on the Board. By appointment by Dean, James Culbertson will be Vice President, Leo Fehlner will be Secretary and David Carter will be Treasurer for 1986. Committee chairmen have not been appointed as of the date of this report.

As of the most recent printing of mailing labels for the Convention (20 September 1985), there were 529 regular, honorary or life members on the individual membership active list. (The list also includes a "no-mail" category of names of former members who have been Directors, or President or recipients of awards.) Since the last mailing, we have received about 20 applications which brings the total active individual membership to about 550. A small fraction of these are not in good standing, (i.e. 1983/84 last year dues paid). The 1983's will be purged if not paid up by 1 April 1986. We have 18 organization members; 2 have not paid 1985 dues. Of the 18, 11 are Associate, 5 are Corporate Class 1, and 2 are Corporate Class 2.

OBSERVATIONS AND RECOMMENDATIONS

Your Secretary strongly urges the Board to give long and serious consideration during the next year to the future health of our Association. We have been very fortunate to have maintained our membership between 500 and 550 in recent years, but how long can this last? Every year 10-15% have their membership revoked (by our rules) but are about evenly replaced by new members.

Why does anyone join the WGA? Just to attend the Convention? Less than 10% attend. What do we do for the others?

Memo to Board of Directors

1. Send them the Proceedings - so out of date as to be already archivable.
2. Send them Newsletters - maybe 2 a year.
3. Send them Journals - but many months beyond year of the issue - one year none.
4. Undertake initiatives to foster and perfect the art of loran - but not since the loran signal specification initiative.
5. Greet new members with decals and calligraphic certificates - but not for the last 5 years.

We have got to correct these faults and do more for our members or they will lose interest and the WGA will die. This is a very difficult task in an all-volunteer organization. Nevertheless, your secretary places it before the Board and hopes the Board will find a solution. How can we distribute newsletters more frequently (bi-monthly)? How can we create, maintain and use a public relations mailing list? How can we become of interest to users? How can we become useful to newcomers to loran (e.g. FAA)? This list is not exhaustive. The Board will undoubtedly have more questions; but there is one initiative that we have got to take. The power elements of the new transmitters are ready to tackle the 21st Century. Why shouldn't transmitter timing control also be ready? We must press for the best possible control, especially if loran is to support aircraft and ships under constricted conditions. The technology exists today. If it is not applied to better control, we may lose a plane or ship. We will also lose the opportunity to fully understand ground wave propagation and put to rest the persistent "old spouse's tales" about loran.



Leo F. Fehlner
Secretary

LFF:jp

cc: President
Directors
WLPolhemus
WSchorr

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EXHIBIT 3



WILD GOOSE ASSOCIATION

TREASURER'S REPORT
October 23, 1985

Balance from April 9, 1985 \$ 15,204.42

TRANSACTIONS

RECEIPTS

Dues	\$ 1439.00	
Journals/Proceedings Sales	712.00	
1983 Convention return	2577.01	
1984 Journal Ads	5975.00	
	<u>10,703.01</u>	25,907.43

EXPENSES

Membership Committee	\$ 300.00	
Election Committee	441.47	
1984 Journal Expenses	4921.88	
1984 Convention expenses	1776.77	
1985 Convention expenses	4000.00	
Newsletter expenses	444.70	
Miscellaneous fees & expenses	234.50	
	<u>12,119.32</u>	13,788.11

WGA Account Balace as of October 23, 1985 \$ 13,788.11

Submitted:

Approved: _____ Date _____
Board of Directors

David A. Carter, Treasurer

Leo F. Fehlner, Secretary

A GENERAL COMPARISON OF WGA FINANCIAL ACTIVITIES
FOR THE PAST THREE YEARS

Note: Figures are rounded

<u>RECEIPTS</u>		<u>EXPENSES</u>		<u>NET</u>
Dues	\$16,750	General expenses	\$9,000	+ \$4,750
		Computer	3,000	
			<u>\$12,000</u>	
Journal Sales/Ads	14,300	Journal expenses	10,000	+ 4,300
1982 Convention	3,600	1982 Convention	1,600	+ 2,000
1983 Convention	2,500	1983 Convention	500	+ 2,000
1984 Convention	3,000	1984 Convention	--	- 3,000
1985 Convention	4,500	1985 Convention	--	- 4,500
				+\$ 5,550

EXHIBIT 4

EXHIBIT 5
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Wild Goose Assn
Awards Committee Report
October 23, 1985

The awards for this year are summarized on the attached press release and copy of the Medal of Merit citation. No president's award or honorary membership award were made, and no suggestions or nominations were received. The paper award was made on the basis of advance copies of the 1984 Symposium Proceedings furnished to committee members by Mr. Hassard, but many other possible sources for suitable papers were also checked. Note that the Bylaws were changed this year by the Board of Directors so that all papers in WGA publications are eligible, and also service awards can now be given to non-members.

Four extra geese for paper awards have been ordered, Mr. Fehlner has a new order of Medal of Merit on hand, so supplies for all awards for next year are on hand.

By this report I wish to extend thanks to my committee members, John Beukers, Walt Dean, Ralph Johler, and Jim Van Etten, for much diligent work. All committee discussions were conducted by long distance telephone.

A more diligent effort to get some membership participation in award nominations is required for next year. An appeal had been prepared for the Newsletter for this past year, but got lost somewhere along the way.

Respectfully submitted.

R L Frank
Robert L. Frank, Chairman.

WILD GOOSE ASSOCIATION
PRESS RELEASE
October 24, 1985

The Wild Goose Association, a professional organization of individuals and organizations having a common interest in Loran (long range navigation) made awards at its fourteenth annual convention in Santa Barbara, California, today, as follows:

Medal of Merit to James I. Meranda, Consultant, Temecula, California, for pioneering work on microcircuit digital Loran-C receivers and hard limiting signal processing which reduced costs of commercial Loran-C receivers.

Best Loran Paper to Lt. Richard J. Hartnett and Lt. Ronald T. Hewitt, U. S. Coast Guard, for "The U. S. Coast Guard's Loran-C Remote Operating System" in the Proceedings of the Thirteenth Annual Technical Symposium of the WGA.

Service Award to Carl Andren, Megapulse Inc., Washington D.C., for president of the Wild Goose Association for 1984 and 1985; Larry Sartin, A.S.E.C., Burlington, Ma., for chairman, 1984 Convention; Roger Hassard, Vitro Corp., New London, CT, for chairman 1984 Technical Symposium; Bernard Ambroseno, Epsco, Inc., Westwood, MA, for Editor of the Radionavigation Journal 1980 to 1984; Frank Radin, Epsco, Inc., for Art Director and Mechanical Designer of Radionavigation Journal 1982 to 1984.

WGA Awards Committee, Robert L. Frank, Chairman

Wild Goose Association

CITATION on the award of the MEDAL OF MERIT to

JAMES I. MERANDA

The Medal of Merit of the Wild Goose Association is awarded to James I. Meranda in recognition of his extensive contributions to the development and fostering of Loran, including pioneering work on digital microcircuit Loran-C receivers and the reduction of costs by use of hard-limiting signal processing.

As early as 1962, at Sperry Gyroscope Company, he was a major contributor to the digital design of the first digital microcircuit receivers AN/ARN-76,78, 85, and a few years later the first manpack Loran receiver. He suggested the use of hard limiting in certain areas of the former and all of the latter designs and devised the application details. In his subsequent work at Teledyne, Litcom, Beukers Laboratories and other companies, his ideas were spread in the Loran community, and ultimately were a major contribution to the reduction of costs of commercial receivers. His work is documented by a number of patents and published papers, and many unpublished reports.

The Wild Goose Association gratefully acknowledges these and other valuable contributions which have been a significant factor in the promotion of Loran to the important state it enjoys today.

Awarded this 24th day of October, 1985,

Carl S. Andren, President.

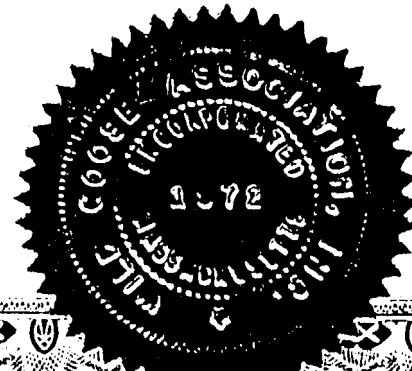


EXHIBIT 5
P. 3

1985

EXHIBIT 6

Second Report of Membership Committee
October 23, 1985

Since our last committee Report of April 9, 1985, we have welcomed and sent 1984 Radionavigation Journals to:

65 Regular Members
1 Associate Member
1 Life Member

Since our last committee Report of April 9, we have sent out:

11 Twelfth Proceedings (1983)
4 Eleventh " (1982)
2 Tenth " (1981)
2 Ninth " (1980)
3 Eighth " (1979)

We have yet to mail, as requested, thirty-five Thirteenth Proceedings (1984). One Fourteenth Proceedings (1985) has also been paid for.

In addition to those Journals sent to new members, we have had requests for and sent out twenty-one 1984 Radionavigation Journals.

(S) V. JOHNSON

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EXHIBIT 7



July 2, 1985

WILD GOOSE ASSOCIATION

MEMORANDUM TO: SECRETARY, WILD GOOSE ASSOCIATION

FROM: NOMINATING AND ELECTIONS COMMITTEE

SUBJECT: RESULTS OF ELECTION, 1985

WGA ballots for President and Directors were counted at ITT Avionics Division, 500 Washington Avenue, Nutley, N.J. on July 2, 1985 in accordance with Article IV, Section 5 of the by-laws. Results are as follows:

President:

Walter N. Dean	109	Edward McGann	1*
David A. Carter	90	William Polhemus	1*

Director:

James Van Etten	136	James McCullough	49
William Polhemus	111	Jimmie Toms	44
William Schorr	106	Vernon Weihe	43
Edward McGann	97	Ronald Warren	24
Bernard Ambroseno	92	David A. Carter	2*
John Illgen	88		

Ballots counted and certified by the following members of the Nominating and Election Committee:

James P. Van Etten

 James P. Van Etten, Chairman

Charles M. Kenney

 Charles M. Kenney, Member

Edward L. McGann

 Edward L. McGann, Member

Enclosure: WGA Ballots

*Write-in vote