

Wild Goose Association

Minutes of the 93rd Meeting of the Board of Directors October 22, 1990.

1. Call to Order.

The 93rd meeting of the Board of Directors convened at the Ramada Renaissance Hotel in Long Beach, CA and was brought to order by the President, Jim Culbertson, at 7:45 P.M.

The following board members were in attendance:

Jim Culbertson, President
Carl Andren, Treasurer
John Beukers, Secretary
Jim Alexander
Walt Dean
Kjell Enerstad
Robert Lilley
Henry Marx
Mike Moroney
Dave Scull

Also in attendance were:

Dave Olsen, IOA Representative and WGA Member.
Marilyn Beukers, recording secretary.
Mark Morgenthaler, WGA Member
Tom Gunther, U.S. Coast Guard

Written proxies were received from the following:

John Illgen, appointee John M. Beukers
Vern Johnson, appointee Jim Van Etten

Vern Johnson's proxy was not valid due to the absence of Jim Van Etten.

2. Quorum

The Secretary reported that the attendance by Board Members and their proxies constituted a quorum in accordance with Article II, Section 2 of the By-Laws. The Secretary also noted that 2/3rds of the Board were present permitting changes to the By-Laws to be made if voted by the 2/3rds majority.

The President stated that an agenda for the meeting had been distributed and would be followed.

3(A). Adoption of the Minutes for the 91st Board Meeting.

The minutes of the 91st Board Meeting had been distributed to Board Members at the 91st Board Meeting but it had been suggested that approval of the minutes be deferred to this Board Meeting rather than take the time to read through them at the 91st meeting. Upon a motion made by Carl Andren and seconded by Bob Lilley, the minutes of the 91st Board meeting were adopted.

3(B). Adoption of the minutes for the 92nd Board Meeting

The minutes of the 92nd Board Meeting had been sent to all directors prior to the 93rd Board Meeting. A motion was made by Walt Dean and seconded by Jim Alexander to approve the minutes of the 92nd Board Meeting without reading. All were in favor and the minutes of the 92nd Board Meeting were approved.

4. Secretary's Report

The Secretary's Report outlining the Secretary's activities had been mailed to the Board of Directors prior to the meeting.

The Secretary discussed the requirements for the WGA computer and computer operators to be provided by Navcom after the transition to that company. This subject is covered in the Computer system report addressing the tasks as reported in the Facility Report for the October 22nd Board of Directors meeting.

After discussion and upon a motion made by Robert Lilley and seconded by Henry Marx, the Secretary's Report was accepted.

5. Treasurer's Report.

The Treasurer, Carl Andren stated that the annual report was in transit with his luggage and would be presented at the next board meeting.

6. Executive Committee,

Approval of the Executive Committee's report for the 92nd Board Meeting.

A motion was made by Carl Andren and seconded by Walt Dean to approve the Executive Committee Meeting Minutes Report for the 92nd Board meeting. All were in favor and the Executive Committee Meeting Minutes were approved.

It was noted at this time that changes to the By Laws recommended by the Constitution Committee needed to be voted upon. It was decided to defer this matter to the next Board meeting to be held on October 25th 1990.

7. Standing Committee Reports

Audit Committee

The Treasurer stated that he had been unable to reach the Chairman of the Audit Committee, Dave Carter, but would continue trying to get in touch with him.

Awards Committee Report.

The report had been provided by Bob Frank and sent to all directors prior to the meeting. It was noted that the President's award and honorary Membership award required approval by the

Board of Directors. A motion was made by Walt Dean and seconded by Jim Alexander to approve the two awards. All were in favor. President Jim Culbertson stressed that next year the WGA should make a Medal of Merit award.

Constitution Committee

The Constitution Committee report dated September 28th was accepted upon a motion made by Dave Scull and seconded by Walt Dean. Voting action on the recommendations was deferred to the next Board meeting.

Carl Andren referred the Board to page 5 of the minutes of the 91st Board Meeting and requested that the Fiscal Year of the Association be clarified. The matter was deferred to the next Board meeting.

1990 Convention

A verbal report was made by Jim Alexander at the meeting. He expected fewer people to attend the Convention because of the budget cuts within the government. He felt that there would be some Coast Guard representation. Reservations slipped from the estimated 150-170 to 92. Erica Faust, the convention planner was able to change arrangements for the drop in the number of meals with the hotel and saved the WGA an estimated \$4,700. Mark Morgenthaler stated that he thought the Convention would be of a high quality. Henry Marx stated that the WGA should no longer rely on Coast Guard, and convention planners will have to be more user oriented. He confirmed that there was a lot of interest in the user community. Kjell Enerstad suggested that there would be a big interest in Europe the minute the Loran system is accepted in Europe and it will be a promotional matter to get in touch with the user community. Alexander stated that it was difficult to get the local media interested in the convention to obtain publicity. Henry Marx stated that he has been trying to get user information into the Navigator magazine. There followed some general discussion and upon a motion by Henry Marx and seconded by Carl Andren, Jim Alexander's verbal report was accepted into the record.

1991 Convention.

Dave Scull presented the report for Convention Chairman Zeke Jackson. Joe Cox of Navcom has two hotels in mind that have reasonable convention rates, the Hilton hotel and Greuter hotel in Williamsburg, VA. Scull stated that they may decide to use Erica Faust, Convention Planner from the current Convention. A motion was made by Dean and seconded by Lilley recommending that a Convention Planner be used to assist with the Convention arrangements. Scull stated that Joe Cox tried to reach Erica Faust but did not get an answer to his call. There was consideration of a change in the Convention date to September from October.

1992 Convention.

A motion was made by Carl Andren and seconded by Henry Marx to accept the 1992 convention report which had been mailed to the directors before the meeting. All were in favor. John Beukers mentioned that there would be an international meeting on Wednesday after lunch. Kjell Enerstad stated that the success of a convention in Europe would depend upon the outcome of the NW Europe Loran-C working group and the decisions made by member countries. There followed a lengthy discussion relating to the prospects of success of the NW Europe initiative.

Journal Committee Report

The Journal report was submitted prior to the meeting. Chairman Beukers noted that the willingness of the Loran Industry to advertise would be a key factor in getting the Journal off the ground. Adequate material is available. This subject is to be taken up at the Loran Business meeting to be chaired by Mark Morgenthaler at the Convention. A motion to accept the report was made by Robert Lilley and seconded by Jim Alexander. All were in favor.

Membership Report

Jim Culbertson stated that the goal this year had been to double the membership of the WGA. John Beukers provided statistics of the membership noting that there were more than 200 new members. He also noted that there were close to 100 that had not renewed their membership. Motion to approve the report was made by Henry Marx and seconded by Walt Dean. All were in favor.

Newsletter Report

This report had been submitted to the Board of Directors prior to the meeting. A motion to accept the newsletter report was made by John Beukers and seconded by Dave Scull. All were in favor.

Nominations and Elections Committee Report

No report was submitted.

FAA Liaison Committee Report

The FAA Liaison Committee Report had been previously submitted by Robert Lilley and sent to all directors. A motion to accept this report was made by Dave Scull and seconded by Henry Marx. All were in favor.

Old Business

By-Laws Change

This matter will be brought up at next board meeting.

Loran Technologies and Application Committee.

The President noted that this committee needs a chairman and requested that the Board make suggestions..

Mid Continent Dedication

Bob Lilley stated that the FAA was planning a dedication for the completion of the Mid-Continent Chain on May 15 & 16th, 1991 and that there was to be a planning meeting in El Paso, Texas in November. Lilley stated that the FAA would like to have the WGA participate and suggested that the WGA would get considerable visibility. The dedication was to be on the 14th May 1991 and a User Forum was planned for the following day. Attendance at the dedication was to be by invitation only while attendance at the User Forum would be limited to 1000. Kjell Enerstad said that he needs help from the FAA by providing a formal announcement that they support Loran-C in the National Airspace System. He added that the WGA should provide information to ICAO. Bob Lilley explained the role of the FAA MLS/Loran-C/GPS project of office headed up by Dick Arnold. Enerstad thought that the FAA should write an article for ICAO publication. The role of NASAO, represented by Paul Burkett attending the Convention, would be supplying information that could be used to submit to ICAO.

Computer System.

The Secretary John Beukers reviewed the proposed WGA computer system and the plans to transfer this to NAVCOM Systems. He stated that Joe Cox of NAVCOM had made a visit to the Beukers facility and that all of the tasks had been reviewed. Jim Culbertson said it was a question of who would take on the responsibility. Walt Dean will be taking the role of Executive Secretary. Beukers stated that he anticipated that the move to NAVCOM would take place in the spring and he would develop a schedule for the transfer.

FRP Watch Dog.

There was general discussion relating to the soon to be published 1990 FRP and the arrangements for input to the 1992 revision. Dave Olsen provided the meeting with the plans for announcing the public meeting. He requested that the WGA provide labels to the RSPA so that everyone would be notified. Olsen noted that Secretary Skinner of the DOT had signed off on the 1990 FRP and that it had gone to Cheney for signature. It would then go to the printer with an estimated publication by the end of the year.

Name of the Association

Kjell Enerstad raised the problem of the name of the Association suggesting that the WGA will not be taken seriously in Europe. President Culbertson said that the Executive Committee will take this up for addressing overseas community. It was suggested that all should stress that the WGA is "The International Loran Radionavigation Forum."

New Business

(a) Appointments.

President Culbertson stated that he will want to appoint two Board members for a one year term of office and requested nominations. He also stated that he would be making appointments for committee responsibilities and needed volunteers and nominations. Kjell Enerstad was to continue as IALA representative. Henry Marx and Bruce Hensel would serve on the Marine and Land user liaison committees respectively. Several names were suggested and there followed general discussion.

(The appointments made are contained in Jim Culbertson's subsequent Memorandum of 1 November 1990 attached.)

(b) Agenda for General Meeting.

Jim Culbertson presented an agenda for the general meeting.

(c) Loran-C World Initiative.

This is to include the NW Europe planning activities and other active areas (McGann to furnish).

(d) Special Committees Chairman.

Jim Culbertson stated that the Executive Committee was in favor of reducing the number of committees. He then discussed the new WGA structure defining the committees that would remain. There was discussion relating to an International Committee and Tom Gunther recommended that we have a representative from the Far East. He also felt that the Coast Guard should be on one or more committees.

(e) Loran-C in the Persian Gulf.

There was a lengthy discussion of the use of Loran-C internationally with specific reference to the use in the Persian Gulf. It was evident that a substantial quantity of Loran-C receivers had found their way over to Saudi Arabia.

(f) WGA-Coast Guard Correspondence.

Jim Culbertson reviewed the correspondence that he had had with Admiral Applebaum. There was discussion in which it was felt that the Coast Guard could do more for the land user. Tom Gunther volunteered that the Coast Guard does not have the staff to look after both sea and land. Bob Lilley noted that the FAA was looking after the aviation community.

(g) Evaluation of Convention Planner.

Jim Alexander stated emphatically that using a convention planner for the 1990 Convention had saved the WGA a significant amount of money and strongly recommended that this practice be continued. He suggested that there were two phases - 1. The initial contract, finding the place and negotiating with the hotel/facility. 2. A follow-on contract to take care of reservations and to work with the hotel. He noted that there are often changes of hotel personnel that result in contract difficulties with the hotels. He was pleased with the performance of Erica Faust. The \$2,600 spent with her was more than returned in savings that she was able to make.

Board of Directors Meetings in 1990 and 1991.

The next Board meeting, the 95th, will be held at 6:30am, Thursday, Oct. 25th at the Ramada Renaissance Hotel, Long Beach, CA.

The 96th will be held on Jan. 22nd, 1991 during the ION Meeting in Phoenix, AZ.

The 97th will be held on April 18th, 1991 at NAVCOM in Virginia.

The 98th is scheduled for July 19th, 1991 somewhere on the East Coast.

The 99th and 100th will take place during the Convention in Williamsburg, VA during October.


There being no further business to come before the meeting, and upon a motion made by Bob Lilley and seconded by Walt Dean, the meeting was adjourned at 10:10 PM.

Respectfully submitted,



John M. Beukers, Secretary.

MEMORANDUM

To: Board of Directors
From: Jim Culbertson 
Date: 1 November 1990
Subject: Officer Appointments and Committee Assignments

The following officer appointments have been made:

Vice President - Dave Scull
Secretary - Walt Dean
Treasurer - Carl Andren

The following **Standing Committee** Chairman have been appointed:

Audit Committee.....Unappointed
Awards Committee.....Bob Frank
Constitution Committee.....Jim VanEtten
Convention Committee - 1991....Zeke Jackson
Historical Committee.....Walt Dean
Journal Committee.....John Beukers
Membership Committee.....Walt Dean
Newsletter Committee.....Bob Lilley
Nominating/Elec. Committee.....Jim VanEtten
Loran Technologies/Apl. Comm..Dave Amos

The following **Special Committee** Chairman assignments have been made:

Government Liaison.....Mike Moroney
Congressional Member.....Dan Cross
USCG Member.....Dave Scull
FAA Member.....Bob Lilley
DOD Member.....John Illgen
International Liaison.....Ed McGann
IALA Liaison.....Kjell Enerstad
User Liaison.....Bruce Hensel
Aviation Member.....Bob Lilley
Maritime Member.....Henry Marx
Land Applications Member..Bruce Hensel
Loran Businesses Liaison.....Mark Morgenthaler
RTCA Liaison.....Walt Dean
IOA Liaison.....Dave Olsen
WARC Liaison.....Paul Arnstein
FRP Review.....Andrew Serrell

John Beukers is assigned as **Executive Administrator** for the period of transition of the office of Secretary.

Board of Directors

as F. Culbertson President
avid C. Scull Vice President
Walter N. Dean Secretary
Carl S. Andren Treasurer
John D. Illgen Past President
John M. Beukers Exec. Administrator
James O. Alexander
David H. Amos
Kjell O. Enerstad
Bruce E. Hensel
Robert W. Lilley
Henry E. Marx
Edward L. McGann
Mark P. Morgenthaler
Maurice J. Moroney
William L. Polhemus
James P. Van Etten



*The International Loran
Radionavigation Forum*

Wild Goose Association

Executive Administrator's Report January 16, 1991

1. General Administration

The general administration of the Wild Goose Association continued with the objective of passing the function over to Nav Comm during the next few months. The computer system has not yet been purchased and is pending resolution of the financial outcome of the last convention.

2. Post-Convention Publicity

The attached press release was mailed to the media database. An article was written for IALA News, the latter being published in the 4th Quarter issue of the IALA Bulletin, copy also attached.

3. Dues Renewal

Dues renewal remittances were mailed to all 1990 paid up members and returns have started to come in. There have been approximately seventy-five returns to date. The dues renewal process was complicated by the lack of documentation from the convention registration process.

4. Proceedings

The Proceedings manuscripts were received from Bob Miller, 1990 Technical Chairman, were reviewed and then sent to OMNI Press of Madison, Wisconsin. A proof was returned by the printer and there was lengthy discussion regarding the quality. It should be noted that the price is less than half of what we paid last year. However, the Board should assess the quality to determine whether it is acceptable for the future.

A set of labels was prepared using the convention list and sent to the printer for drop shipment of the Proceedings. Copies of the Proceedings will be mailed out to pre-requests and new requests as they come in.

Wild Goose Association, Inc.
P.O. Box 556, Bedford, MA 01730, USA

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5. Preparation for Moving

Packing and file consolidation is underway and the various procedures and programs that have been used for the past three years are being refined.

6. Prospects

Manufacturers' cards continue to pour in providing a steady flow of new members and, in particular, a few seriously interested individuals and organizations.

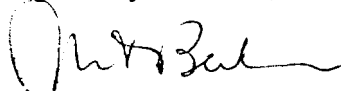
7. Orders

Packaging and sending out orders for Proceedings and videos as well as copying of Proceedings and Papers continues on a regular basis.

8. Telephone Contacts

Incoming telephone requests for information about Ioran continue to be substantial - so much so that quite often the writer is talking to one party and a second call comes in on the second line requiring a return call at WGA expense. This problem has been resolved by removing the drop down line so that callers will get a busy signal and will retry their call. This economy measure should be noted by the Board of Directors.

Respectfully submitted,



John M. Beukers
Executive Administrator

The Wild Goose Association

La "Wild Goose Association" (WGA)

by JOHN M. BEUKERS, Secretary

SUMMARY. The 19th Annual Convention and Technical Symposium of the Wild Goose Association — the International Loran-C Radionavigation forum was held at Long Beach, California, on 23rd-25th October. Representatives came from Canada, England, France, Ireland, The Netherlands, Japan, Norway, Scotland, the United States, the Soviet Union and Wales.

Highlights were the national (US) and international expansion of Loran-C, station refurbishment, joint Loran/Chayka coverage, activities and proposals for NW Europe and the taking up of a position by the WGA which clearly shows that this Association, while pleading the cause of Loran-C, is all for the use of various radionavigation systems so that there will be now and for the future the best and most economic possible hybrid system.

RÉSUMÉ. La 19ème Convention annuelle et le Symposium Technique de la Wild Goose Association, le Forum international du système de radionavigation Loran-C, se sont tenus à Long Beach, en Californie, du 23 au 25 octobre 1990. Des représentants de l'Angleterre, du Canada, d'Ecosse, des Etats-Unis, de France, d'Irlande, du Japon, de Norvège, des Pays-Bas, du Pays-de-Galles et de l'URSS y ont participé.

Les principaux sujets abordés ont concerné l'expansion du Loran-C aux Etats-Unis et sur le plan international, la modernisation des stations, les démarches entreprises en vue d'une couverture complète de l'Extrême Orient par un système harmonisé Loran-C/Chaika, les travaux et progrès du Groupe Loran-C de l'Europe du Nord-Ouest et la prise de position de la WGA qui indique clairement que cette Association, tout en plaidant la cause du Loran-C, prône l'utilisation de divers systèmes de radionavigation en vue d'obtenir une hybridation, la meilleure et la plus économique possible, aujourd'hui et à l'avenir.

INTRODUCTION

The 19th Annual Convention and Technical Symposium of the Wild Goose Association was held in Long Beach, California, on 23rd-25th October, 1990. Representatives from Canada, England, France, Ireland, The Netherlands, Japan, Norway, Scotland, the United States, the Soviet Union, and Wales were in attendance. Highlights of the Convention were the national (US) and international expansion of Loran-C and the progress towards introducing Loran-C into the US National Airspace System (NAS).

COMPLETION OF LORAN-C COVERAGE IN THE UNITED STATES

Four new transmitting stations, located north-south in the middle of the continent, are being added to the existing network of transmitters. These will provide complete coverage of the United States for coastal navigation, aircraft navigation and for land mobile use. CDR Thomas Gunther of the Office of Navigation Safety and Waterway Services, US Coast Guard, reported that the South Central chain (SOCUS), with the exception of the station at Las Cruces, will be operational in December 1990, and the North Central chain will come on line in April of 1991 along with the Las Cruces station. He added that the stations at Boise City and Gillette, were already on air and being tested and that dual rating of existing stations was complete.

A dedication of the new chains is to be held on 14th May, 1991 at the Las Cruces station followed by a Loran-C Users Forum to take place at the Airport Hilton Hotel in El Paso, Texas on 15th May, 1991. Further information can be obtained from Michelle B. Ingram in the FAA MLS/LORAN/GPS Program Office, 800 Independence Avenue SW, Washington, DC 20591. Telephone: (202) 267 7586.

LORAN STATION REFURBISHMENT

In addition to new stations the US Coast Guard is in the process of upgrading and refurbishing existing transmitter control, monitoring and communication equipment. A status report on this program was provided by LCDR Douglas Taggart and LT Ben Stewart from the US Coast Guard Engineering Center at Wildwood, New Jersey.

CHAIN TIME SYNCHRONISATION

Synchronisation of Master clock timing, by satellites, to UTC to within 100 nanoseconds was described by Ms Laura Charron from the US Naval Observatory, Washington DC. This important action will permit cross chain operation and increase the number of transmitters that can be received at any location. This was reported to be a significant step towards meeting the signal availability requirements for aviation to make instrument approaches at uninstrumented airports.

FAA SETS UP LORAN PROGRAM OFFICE

The work underway in the Microwave Landing System/Loran-C/Global Positioning System (MLS/Loran-C/GPS) office within the Federal Aviation Administration (FAA) was reported by the program manager, Mr Richard Arnold. He stated that the FAA was committed to bringing Loran-C into the NAS as quickly as possible and emphasised that safety was of prime concern. He further stated that GPS would remain a supplemental radionavigation system until such time as technical and operational issues are resolved. Mr Arnold noted that funding had been allocated for Loran-C monitor stations and a system for communicating an automatic warning to user equipment in the event of transmitter failure. A paper covering this subject was presented by Dr Robert Lilley from Ohio University. The immediate goal is for ten airports per state to be certified for instrument approaches for public use in the coming year.

SOVIET CHAYKA AND LORAN-C

An impromptu address by Lt General Funtikov of the Soviet delegation stressed the desire to link the Soviet Chayka system with Loran-C in other parts of the world. Specifically mentioned were China, Republic of Korea (ROK), Japan, European countries and the continued co-operation with the United States. Further evidence of this international desire to co-operate was given by CDR Thomas Gunther of the US Coast Guard who reported on his attendance at the September 1990 IALA meeting in the Far East. Quoting from the recommendation issued by the meeting, he stated "The

meeting unanimously reached the technical opinion that complete coverage of the far eastern area by Loran-C/Chayka will meet the needs of navigation for at least 15-20 years as the primary long range terrestrial based system, to supplement the GLONASS and GPS systems". It was further recommended that Far East Loran-C/Chayka technical working group be established with representatives from China, ROK, Japan, USSR and with participation from the US Coast Guard.

NORTH WEST EUROPE

The Norwegian Defence Communications and Data Services Administration (NODECA) and the North West Europe Loran-C policy group were represented by Mr Kjell Enerstad who provided an update on the North West Europe Loran-C system. He noted that all members of the policy group, with the exception of Denmark which had requested more time for considering the matter, were committed to establishing a North West Europe Loran-C coverage. In this vein the radio frequency signal environment in Europe and its effect on Loran-C reception was the subject of several papers which stressed the need for better receiver designs and cautioned against over optimistic predictions of coverage.

WGA ANNOUNCES NEW TECHNOLOGY COMMITTEE

The WGA Board of Directors unanimously approved the formation of the "Loran Technologies and Applications

Committee" whose charter is to define and act upon technical issues of Loran-C with the objective of overall system improvement (transmitted signal, receivers and operation). The newly elected WGA Director, Mr David Amos was selected and agreed to serve as the Chairman of this important committee. Technical issues that need attention should be addressed to Mr Amos at Synetics, 540 Edgewater Drive, Wakefield, MA 01880. Telephone: (617) 245-9090. Fax: (617) 245-6311.

WGA RADIONAVIGATION POLICY STATEMENT

To clarify the WGA stand with respect to Loran-C and other radionavigation aids, in particular GPS, the Board of Directors recently approved a Statement of Policy which was made available to attendees. This clearly states that while the WGA is an advocacy group for Loran-C, the Association supports interoperability between radionavigation aids to obtain the best and most economic mix for today and the future.

CONCLUSION

Attendance at the Convention was less than that of previous years due in part to the US budget negotiations, however, the attendees were of high calibre and the papers of outstanding quality. Significant progress towards multi-national adoption of Loran-C was accomplished due to the excellent communications between countries and individuals.



The European Harbour Masters' Association (EHMA) Association des Capitaines de Ports Européens

by ALEX SMITH, Secretary EHMA and IAPH Representative in Europe

SUMMARY. A definitive article about the history, formation and functions of an important group of professionals who have been meeting since 1961 on an informal basis. The Association was formally inaugurated in 1985 and their Third Congress was held in Bremerhaven from 13th to 18th May, 1990.

Long standing close links with IALA exist.

Readers who wish to get in touch with the Secretary of EHMA may wish to write to him at 50 Gorham Avenue, Rottingdean, Brighton, East Sussex BN2 7DP, England. Telephone: International +44 273 302 606. Fax: International +44 273 309 836 or he can be obtained c/o The British Ports Federation, Victoria House, Vernon Place, London WC1B 4LL, England. Telephone: International +44 71 242 1200. Fax: International +44 71 405 0169. Telex: 295741 BRITPA G.

INTRODUCTION

For many years, Harbour Masters, like other groupings of highly qualified professionals, have found it useful to meet and exchange information with colleagues from other ports wherever they might be located.

At one such meeting in Duesseldorf, Federal Republic of Germany, in 1961, the Harbour Masters present agreed unanimously that regular, structured meetings would be more beneficial to their common interests.

RÉSUMÉ. Cet article rappelle l'histoire de la formation de ce groupe important de professionnels, qui se réunit de façon informelle depuis 1961, et décrit ses activités. L'Association a été officiellement constituée en 1985 et son 3ème Congrès s'est tenu à Bremerhaven du 13 au 18 mai 1990.

Ses liens avec l'AIMS datent de plusieurs années.

On peut écrire au Secrétaire de l'EHMA à l'adresse suivante: 50 Gorham Avenue, Rottingdean, Brighton, East Sussex BN2 7DP, Angleterre. Téléphone: +44 273 302 606. Fax: +44 273 309 836 ou par l'intermédiaire de: The British Ports Federation, Victoria House, Vernon Place, London WC1B 4LL, Angleterre. Téléphone: +44 71 242 1200. Fax: +44 71 405 0169. Telex: 295741 BRITPA G.

The first of these was held in Le Havre from 22nd to 24th May, 1962. Subsequent meetings were held in:
Liverpool 14th to 16th May, 1963
Hamburg 26th to 28th May, 1964
Rotterdam 21st to 22nd September, 1965
Amsterdam 23rd September 1965
London 23rd to 25th May, 1967
Antwerp 5th to 8th May, 1969
Le Havre 2nd to 6th June, 1975



Wild Goose Association

THE INTERNATIONAL LORAN RADIONAVIGATION FORUM

Contact: John M. Beukers

Phone 516-862-7500

Fax 516-862-7403

FOR IMMEDIATE RELEASE.....

United States and Soviet Global Radionavigation Plans Find Common Ground

An unusually open and frank discussion of the status and plans of Soviet radionavigation took place at the 19th Annual Convention of the Wild Goose Association held on October 23-25, 1990 in Long Beach, California. In a formal and impromptu address, Lt. General Funtikov, Deputy Director of the Interradionavigation Committee and leader of the Soviet delegation, spoke of expanding the working agreement with the United States and the need for cooperation with the countries of Europe, China, the Republic of Korea, and Japan to combine the Soviet Loran-like system (Chayka) with Loran-C. Informal discussions revealed that the Soviet Union is deeply concerned about the cost of radionavigation and is currently debating the future role of terrestrial and satellite systems in a total system mix.

On other matters, the status and plans for Loran-C in the National Airspace System (NAS) was given by Richard Arnold, Program Manager of the FAA's MLS/Loran/GPS Project Office. He stated that the FAA was committed to bringing Loran-C into the NAS as quickly as possible and emphasized that in doing this, safety was of prime concern. He further stated that GPS would remain a supplemental radionavigation system until such time as technical and operational issues are resolved. Mr. Arnold noted that funding had been allocated for a system to communicate an automatic warning to user equipment in event of Loran-C transmitter failure and for the installation of additional Loran-C monitor stations. He noted that the immediate goal was to get ten airports per state certified for Loran-C instrument approaches for public use in the coming year.

Four new Loran-C transmitting stations, located in the middle of the U.S. continent, are being added to the existing network of transmitters. These will provide complete coverage of the United States for coastal navigation, aircraft navigation and for land mobile use. CDR Gunther of the Office of Navigation Safety and Waterway Services, U.S. Coast Guard, reported that the South Central chain (SOCUS), with the exception of the station at Las Cruces, will be operational in December 1990, and the North Central chain (NOCUS) will come on line in April of 1991 along with the Las Cruces station. He added that the stations at Boise City and Gillette were already on air and being tested and that dual rating of existing stations was complete.

A dedication of the new chains is to be held on May 14, 1991 at the Las Cruces station followed by a Loran-C Users' Forum to take place at the Airport Hilton Hotel in El Paso, Texas on May 15, 1991. Further information can be obtained from Michelle B. Ingram in the FAA/Loran/GPS Program Office, 800 Independence Avenue SW, Washington, DC 20591. Telephone (202) 267-7586

The Wild Goose Association is an organization that specifically addresses Loran-C Radionavigation for Land, Sea and Air. It draws its membership from System Users, Industry, Government and Institutions having a broad range of radionavigation interests. Membership is open to anyone who has an interest in fostering and preserving the art of Loran.

- 30 -

Wild Goose Association, Inc.
P.O. Box 556, Bedford, MA 01730, USA

Board of Directors

..... F. Culbertson President
David C. Scull Vice President
Walter N. Dean Secretary
Carl S. Andren Treasurer
John D. Illgen Past President
John M. Beukers Exec. Administrator
James O. Alexander
David H. Amos
Kjell O. Enerstad
Bruce E. Hensel
Robert W. Lilley
Henry E. Marx
Edward L. McGann
Mark P. Morgenthaler
Maurice J. Moroney
William L. Polhemus
James P. Van Etten



Wild Goose Association

*The International Loran
Radionavigation Forum*

Mid-Continent Celebration Report January 16, 1991

A planning meeting for the Mid-Continent Celebration was attended in El Paso, Texas, on November 14th and 15th, 1990. A final report on this meeting was provided by Ohio University under contract to the FAA. The WGA contributed to the report along with Paul Burket representing NASAO, and Kent Brooks and Bob Lilley were responsible for producing the report. The WGA has become very involved in the celebration and the Board should be aware of this and appreciate the effort required to bring this off.

Respectfully submitted,

John M. Beukers
WGA Mid-Continent Planning Representative

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William L. Polhemus
James P. Van Etten



Wild Goose Association

*The International Loran
Radionavigation Forum*

Journal Report January 16, 1991

A meeting was held during the Wild Goose Association's convention with manufacturers and loran-oriented businesses. The subject of advertising to produce revenue for the Journal was discussed. It is quite evident that for loran business to consider advertising in the Journal, the Journal has to be effective in making sales. Mark Morgenthaler has been active in developing strategy to interest loran business. A second meeting is planned during the ION meeting in Phoenix, AZ.

A great deal of effort has been made by Mark Morgenthaler and this office to obtain contacts within loran business and to improve the loran business database.

Respectfully submitted,

John M. Beukers

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Wild Goose Association

*The International Loran
Radionavigation Forum*

1992 Wild Goose Association Convention January 16, 1991

1. Convention Date

In order to minimize the cost, the Oxford Chamber of Commerce suggested the use of one of the Oxford colleges during their vacation. In order to take advantage of this, the convention would have to be held in the latter part of August. It is requested that the Board consider this change to the date as spelled out in the By-Laws.

2. Contact

Contact has been made with a venue finder to whom we have provided specifications and we are currently awaiting a reply.

3. Technical Chairmen

The Technical Chairman is John Illgen and the overseas technical co-chairman is David Last.

4. International Community

The international community will be involved. In a meeting at the WGA convention of international representatives, they indicated a general willingness to serve on the committee. The objective will be to have a member from each interested country. This is now particularly important because of the progress of the North-West European Planning Group.

Respectfully submitted,

John M. Beukers

Wild Goose Association, Inc.
P.O. Box 556, Bedford, MA 01730, USA

To: WGA Board

From: Robert W. Lilley *Rilley*

Date: December 20, 1990

Subj: Suggested Agenda Items for Board of Directors' Meeting,
Phoenix Arizona, January 22, 1991

1. User benefits

a. RTCA

If we could negotiate a corporate membership for WGA in the Radio Technical Commission for Aeronautics (RTCA), we might be able to offer, indirectly, a membership benefit. Corporate RTCA members receive a copy of each RTCA document as it is published (for the WGA library), and a 50% discount on subsequent purchases of RTCA documents. Various WGA members use these RTCA standards in their analyses, manufacturing processes, etc. They could receive the discount by ordering through the WGA.

Corporate membership is \$600 yearly, which may be beyond some of our members.

b. RTCM

WGA corporate Membership in the RTCM (marine) group might also be possible. I am less familiar with this group and its benefits.

c. IALA

Does our WGA membership in IALA gain any such benefits which we should be advertising to our membership?

2. WGA Awards Document

I have noticed that some other organizations publish a small booklet listing awards given over the years to members and others. Should WGA publish such a booklet, to preserve the record of our awards? Listings of recipients and dates might be appropriate for some awards, but for the Medal of Merit (and others?), a citation reprint and perhaps a picture of the recipient would be nice.

This will be some work, but the result should be worth the effort. It helps us "preserve the art" and "commemorate fittingly" our fellow Geese.

3. Product and Applications Bulletin

Should we offer distribution of "new product" info as a separate bulletin, or in the Gazette? Should this be free for mfgs and users?

EDI as consideration for this artwork problem, and they appreciated the gesture (and accepted the extra advertising).

Henry Marx has placed a "business card" ad for Landfall Navigation, the first of these ads we have received.

4. Critique

We received a letter (copy attached) from ex-member Arild Jensen, who indicated we were not serving his needs for information on loran with the Newsletter or with other products. I mention this item here to invite suggestions from the Directors if they feel changes in the Gazette are needed.

How about a "new products and techniques" section? I will need to find a contributing editor for this "column," if it seems to be a good idea.

5. Newsletter Committee makeup

The By-Laws require a committee of no fewer than two members. I have always considered that my committee is made up of the Directors, from whom I get most of my inputs for the Gazette.

35th BOARD
+ NEWSLETTER



NORWEGIAN DEFENCE COMMUNICATIONS AND DATA SERVICES ADMINISTRATION

OSLO MIL / AKERSHUS, N-0015 OSLO 1

TELEPHONE: 47 2 40 24 00 - TELEX: NODEC N 72946 - TELEFAX: 47 2 40 25 30

TELEFAX


To John Beukers Beukers Technologies, Inc Flowerfield Building 7, N.Y. 11780		Telefax-number 1-516-862-7403
Attention:		
Our reference	Previous reference	
Subject North West European LORAN-C system	No of pages to follow 1	Date 16. Jan. 1991

Text UNCLASSIFIED ONLY

Dear John!

**Enclosed please find a report from meeting
in the LORAN-C Policy Group.**

Regards



WRITTEN BY:

Name Kjell Enerstad	Signature
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Report from meeting in the LORAN-C Policy Group

I thought you would be interested in the results from the latest meeting of the LORAN-C Policy Group so here is a short report covering the main issues.

1. The meeting was held in Ottawa 8 to 10 January, host: Canadian Coast Guard.
2. The Netherlands represented by the Directorate-General of Transport, being representative of the Ministry of Transport, is prepared in principle to cooperate into the LORAN-C project to meet land navigation requirements and are requesting re-entry into the LORAN-C Policy Group. Two Dutch representatives participated as observers at the Ottawa meeting. Final Dutch position will have to be confirmed within the next 4 to 5 weeks.
3. Denmark is - subject to political confirmation - prepared to join the International Agreement on special terms which makes it necessary to slightly amend presently agreed terms. Denmark will be owner of LORAN-C installations on Danish territory, but will not share investments costs. Denmark will, however, pay a small share of the O&M costs.
4. Presently approved configuration (as presented at the WGA conference October 90, Long Beach) will in principle be kept. Small alterations might be necessary to accommodate the Netherlands.
5. The provisional Co-ordinating Agency established within NODECA staff, to be further developed and start preparation for realizing the project as if it was approved.
6. Signing of the Agreement is expected within the next few months's if presently agreed arrangements are politically approved by the Netherlands and Denmark.

Ratification of the Agreement by Parliaments will be necessary in some member countries, among them Norway.