

Board of Directors

Robert W. Lilley..... President
David C. Scull Vice President
Walter N. Dean..... Secretary
Carl S. Andren..... Treasurer
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Maurice J. Moroney
William L. Polhemus

Wild Goose Association



*The International Loran
Radionavigation Forum*

Minutes of the 103rd Meeting of the Board of Directors.

1. Call to Order

The 103rd meeting of the Board of Directors was convened at 5:35 pm at the Copthorne Hotel, Birmingham, England, by President Robert Lilley, Thursday, August 27, 1992

2. Attendance, Proxies and Statement of Quorum

The following Board members were in attendance:

Bob Lilley, President
Dave Scull, Vice President
Walt Dean, Secretary
Jim Culbertson, Past President
Jim Alexander
Dave Amos
John Beukers
Laura Charron
Bruce Hensel
Mike Moroney

Also attending: John Illgen
Dave Olsen

The secretary reported that the number of Directors present constituted a quorum, but did not equal the two-thirds required for ratification of amendments to the By-Laws.

3. Approval of Appointed Directors

Appointment of David Last and Bruce Hensel as Directors for a period of one year was approved unanimously by the Board.

4. Standing Committee Reports

RTCA - Special Committee 159. Working Group 3 has been reconvened to review the requirements for TSO C60-b. Moroney volunteered to follow the progress.

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P.O. Box 556, Bedford, MA 01730, USA

Audit - Charron has contacted volunteers for the audit but has not been able to get together with Andren to get the work done. Scull will contact Andren to try to move things along.

Convention 1993 - Problems at Trimble have forced Morgenthaler to withdraw as '93 convention chairman, after doing considerable research in the Monterey/San Francisco/Reno area. Illgen volunteered to chair convention in Santa Barbara, and will proceed on that basis, having already gotten some volunteers. The Board approved the use of Erika Faust in making arrangements.

Convention 1994 - B. Uttam offered to chair a convention in the Boston area for '94.

Convention 1995 - V. Denisov has volunteered Moscow as the site of the '95 convention. Lilley has written a letter (copy attached), showing interest and requesting a proposal outlining arrangements deemed desirable.

5. New Business

Resolutions - Two resolutions were developed as a result of the 1992 Convention, copies of which are attached. These were intended for delivery by John Beukers to British and other authorities at his discretion.

Fish Expo - The relative desirability of cooperating or competing with Fish Expo was discussed, and it was proposed that contact be made with manufacturers who participate. No specific action was stipulated. Alexander volunteered to contact people at National Fisherman.

WGA Phonecon - the new WGA phone and FAX number (Ellen Lilley) will be 614-797-2081.

Flags - WGA should have flags of all countries involved in Ioran. Alexander volunteered to see that they be available for the '93 convention.

Service Contract - Scull noted that the contract with E. Lilley for data services expires December 31 1992. Motion to renew contract for one year was moved by Dean, seconded by Beukers and passed unanimously.

Board Meetings - Lilley suggested that the number of Board meetings be limited to 2 or 3 per year. There was no objection to the idea, but the details were not completely clarified.

6. Next Meeting

The next meeting will be held in conjunction with the ION National Technical Meeting in San Francisco, January 20-22, 1993, probably in the evening of Jan. 20.

Old Goose Association
BALANCE SHEET Aug 26, 1992

ASSETS

CURRENT ASSETS

Operating Account	43,519.86
Money Market	0.00
Convention Temp Funds	0.00
Bank C - Payroll	<u>0.00</u>
Cash: Total	43,519.86
Accounts Receivable	0.00
Advances Receivable	0.00
Inventory	0.00
Office Equipment	<u>795.00</u>
TOTAL CURRENT ASSETS	44,314.86

TOTAL ASSETS

44,314.86

LIABILITIES

CURRENT LIABILITIES

Accounts Payable	0.00
FIT Payable	0.00
SIT Payable	0.00
FICA Payable	0.00
FUTA Payable	0.00
SUTA Payable	0.00
SDI Payable	0.00
Local Tax Payable	0.00
Deduction A Payable	0.00
Deduction B Payable	0.00
Deduction C Payable	0.00
Sales Tax Payable	<u>0.00</u>
TOTAL CURRENT LIABILITIES	0.00

TOTAL LIABILITIES

0.00

EQUITY

EARNINGS

Retained Earnings	31,760.00
Current Earnings	<u>12,594.86</u>
TOTAL EARNINGS	44,354.86

TOTAL EQUITY

44,354.86

LIABILITIES AND EQUITY

44,354.86

Wild Goose Association
 / INCOME Oct 1, 1991 TO Aug 26, 1992

REVENUE

REVENUE

Dues Renewal	9,800.00
Dues - New Members	630.00
Papers	233.50
Bibliographies	0.00
Proceedings	1,098.10
Video Sales	195.00
Convention 1989	0.00
Convention 1990	0.00
Convention 1991	10,000.00
Convention 1992	19,014.00
Business Cards	0.00
Journal Sales	0.00
Newsletter Ads	0.00
Donations	0.00
Interest Earned	0.00
TOTAL REVENUE	40,972.60

TOTAL REVENUE

40,972.60

EXPENSE

ADMINISTRATION

Contract Services	7,600.00
President Expenses	75.71
V P Expenses	500.00
Secretary Expenses	120.43
Treasurer Expenses	58.00
Contract Services Expenses	1,796.22
Newsletter Expenses	1,682.88
Congressional Expense	0.00
Election Expense	274.53
Membership Expenses	0.00
Awards Expenses	333.07
I A L A Liaison	1,006.95
Convention Expense	0.00
Journal Expenses	0.00
Proceedings Expense	0.00
Freight Expense	0.00
Wages	0.00
FICA Expense	0.00
FUTA Expense	0.00
SUTA Expense	0.00
SDI Expense	0.00
Equipment Expenses	1,078.70
Proceedings Expenses	0.00
Convention Exp 1989	0.00
Convention Exp 1990	0.00
Convention Exp 1991	0.00
CONVENTION Exp 1992	12,516.60
Convention Exp 1993	500.00
Misc	857.83
Postage/Delivery	17.50
Office Supplies	0.00
License/Permits	0.00
Accounting Expense	0.00
Bank Service Charges	0.00
Video Supplies	0.00
Document Expense	0.00
TOTAL ADMINISTRATION	28,418.42

TOTAL EXPENSE

28,418.42

INCOME

12,554.18



Wild Goose Association

1992 Annual Convention and Technical Symposium
August 24 – 27, Birmingham, England

*The International Loran
Radionavigation Forum*

Organizers

Convention Chairman (U.K.)

John M. Beukers
East Ridge, Longborough
Moreton-in-Marsh
Glos. GL56 0QX, England
Phone: 44 (0)451-870777
Fax: 44 (0)451-870222

Convention Co-Chairman (U.S.)

Maurice J. Moroney/DTS-52
Transportation Systems Center
Kendall Square
Cambridge, MA 02142, U.S.A.
Phone: (617) 494-2026
Fax: (617) 494-2628

Technical Chairman

John D. Illgen
Illgen Simulation Tech., Inc.
250 Storke Road, Suite 10
Goleta, California 93117, U.S.A.
Phone: (805) 968-8661
Fax: (805) 968-1311

Technical Co-Chairman (U.S.)

Frank Cassidy
Datamarine International
53 Portside Drive
Pocasset, MA 02559-1900, U.S.A.
Phone: (508) 563-7151
Fax: (508) 564-4707

Technical Co-Chairman (U.K.)

Dr. David Last
University of Wales, Bangor
School of Elec. Eng. Sci., Bangor
Gwynedd LL57 1UT, Wales, U.K.
Phone 44 (0)248-351151
Fax: 44 (0)248-681031

Navtech Seminars, Inc.,

Carolyn McDonald
2775 S. Quincy Street, Suite 610
Arlington, VA 22206-2204, U.S.A.
Phone: (703) 931-0500
Fax: (703) 931-0503

Birmingham Convention & Visitors Bureau

Kim Bate
National Exhibition Center
Birmingham B40 1 NT, England, U.K.
Phone: 44 (0)217-804321
Fax: 44 (0)217-804260

Mr Vladimir I Denisov
69 Prospekt Mira
Moscow, Russia CIS

Dear Mr Denisov

The Wild Goose Association appreciates your kind invitation to hold our Convention and Technical Symposium in your country. Our Board of Directors will be most pleased to act on a proposal from you, outlining the necessary arrangements for a WGA Convention in the Autumn of 1995:

- (1) What advantageous travel arrangements can be made?
 - a) from the U.S
 - b) from Europe/UK and other countries.
- (2) What advantageous hotel arrangements can be offered?
 - a) rates
 - b) room services
 - c) suites
- (3) What support services will be contributed?
 - a) computer
 - b) copying
 - c) facsimile
 - d) audio-visual
- (4) What costs will you contribute?
 - a) hospitality suite
 - b) banquet
 - c) exhibition facilities

Again thank you for your invitation. The Board and I look forward to receiving your proposal.

Yours sincerely,

Robert W. Lilley
Robert W Lilley, Ph.D
President.

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Wild Goose Association



*The International Loran-C
Radionavigation Foundation*

RESOLUTION

THE WILD GOOSE ASSOCIATION HAVING CONCLUDED ITS 21ST ANNUAL CONVENTION AND TECHNICAL SYMPOSIUM IN BIRMINGHAM, ENGLAND WITH THE THEME "LORAN-C/GPS MIX - SHARING THE FUTURE" OVER THE PERIOD 24-27 AUGUST 1992, THE GENERAL ASSEMBLY CONSIDERED RECENT INTERNATIONAL LORAN-C DEVELOPMENTS.

NOTING: THE CONTINUING RAPID EXPANSION OF THE LORAN-C AND CHAYKA RADIONAVIGATION SYSTEMS THROUGHOUT MANY PARTS OF THE WORLD AND IN PARTICULAR:-

(a) THAT THE NORTHWEST EUROPE LORAN-C AGREEMENT BETWEEN NORWAY, DENMARK, GERMANY, IRELAND, FRANCE AND THE NETHERLANDS TO ADOPT THE LORAN-C SYSTEM WAS SIGNED ON AUGUST 6, 1992;

(b) THAT CHINA, THE REPUBLIC OF KOREA, JAPAN AND THE RUSSIAN FEDERATION WILL SIGN AN AGREEMENT IN SEPTEMBER TO PROVIDE A FAR EAST RADIONAVIGATION SERVICE USING LORAN-C AND CHAYKA;

(c) THAT IN INDIA THE DECCA NAVIGATOR SYSTEMS AT CALCUTTA AND BOMBAY HAVE BEEN REPLACED BY LORAN-C SYSTEMS;

(d) THAT THE LITTORAL STATES OF THE MEDITERRANEAN SEA ARE PURSUING THE RETENTION OF THE PRESENT LORAN-C CHAIN, THE PROVISION OF LORAN-C COVERAGE OF THE IBERIAN PENINSULA AND MEANS OF LINKING WITH THE CHAYKA CHAIN COVERING THE BLACK SEA;

(e) THAT JOINT LORAN-C/CHAYKA CHAINS ARE BEING DISCUSSED FOR THE BARENTS SEA, BALTIC SEA AND BERING SEA;

(f) THAT COVERAGE OF THE LAND MASS IN ADDITION TO THE COASTAL CONFLUENCE ZONE OF THE UNITED STATES AND CANADA HAS NOW BEEN COMPLETED.

FOR MORE INFORMATION, CONTACT JOHN BEUKERS: PHONE 0451-870777
Wild Goose Association, Inc. FAX 0451-870222
P.O. Box 556, Bedford, MA 01730, USA

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*The International Loran
Radionavigation For*

(2)

RESOLUTION CONTD..

NOTING FURTHER: THAT THE UNITED KINGDOM AND ICELAND WITHDREW FROM THE NORTHWEST EUROPE DISCUSSIONS BEFORE THE AGREEMENT WAS SIGNED.

RECOGNISING:

(1) THE POLICY OF IALA ON TERRESTRIAL RADIONAVIGATION SERVICES;
AND,

(2) THE DECISION OF THE COUNCIL OF THE EUROPEAN COMMUNITIES DATED 25 FEBRUARY 1992 ON RADIONAVIGATION SYSTEMS FOR EUROPE.

RECOGNISING ALSO:

THAT THE FULL POTENTIAL OF THE LORAN-C AND CHAYKA SYSTEMS IS ONLY ACHIEVED BY VALIDATING SYSTEM PERFORMANCE IN CONJUNCTION WITH THE USE OF RECEIVERS EMPLOYING MODERN DIGITAL TECHNIQUES.

RESOLVES: THAT ADMINISTRATION IN AREAS COVERED BY THE LORAN-C AND CHAYKA SYSTEMS BE URGED TO:

(1) RECOGNISE THESE SYSTEMS AS BEING ACCEPTABLE FOR PROVIDING A RADIONAVIGATION SERVICE IN THEIR AREA.

(2) CONSIDER BECOMING SIGNATORIES TO THE APPROPRIATE AGREEMENT WHERE ONE EXISTS. IN PARTICULAR THAT THE UNITED KINGDOM AND ICELAND RECONSIDER THEIR DECISION REGARDING THE NORTHWEST EUROPE AGREEMENT.

(3) PROMULGATE A MEANS FOR TIMELY NOTIFICATION OF THE RADIONAVIGATION SYSTEM OPERATIONAL STATUS.

RECOMMENDS:

THIS RESOLUTION BE BROUGHT TO THE ATTENTION OF ALL ADMINISTRATIONS IN AREAS COVERED, OR TO BE COVERED BY THE LORAN-C AND CHAYKA SYSTEMS.

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*The International Loran
Radionavigation Forum*

RESOLUTION

THE WILD GOOSE ASSOCIATION, THE INTERNATIONAL LORAN RADIONAVIGATION FORUM, AT ITS 21ST ANNUAL CONVENTION AND TECHNICAL SYMPOSIUM IN BIRMINGHAM, ENGLAND, CONSIDERED INTERNATIONAL DEVELOPMENTS IN TERRESTRIAL AND SATELLITE RADIONAVIGATION SYSTEMS.

NOTING:

(A) THE CONTINUING RAPID EXPANSION OF THE LORAN-C AND CHAYKA RADIONAVIGATION SYSTEMS THROUGHOUT MANY PARTS OF THE WORLD;

(B) THE INCREASING DEVELOPMENT OF SATELLITE NAVIGATION CAPABILITIES, INCLUDING GPS AND GLONASS, LEADING TOWARD A GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) SERVICE;

RECOGNISING:

(A) THAT WHILE EACH OF THE TERRESTRIAL AND SATELLITE RADIONAVIGATION SYSTEMS INDIVIDUALLY PROVIDE BENEFITS TO USERS, THE COMPLEMENTARY USE OF THESE SYSTEMS WILL SIGNIFICANTLY ENHANCE THE NAVIGATIONAL INFORMATION AVAILABLE;

(B) THAT THE HIGHEST PRACTICABLE DEGREE OF NAVIGATIONAL INFORMATION SHOULD BE USED FOR THE MAXIMUM POSSIBLE BENEFIT TO MARINE, AERONAUTICAL AND LAND USERS, INCLUDING ALL SAFETY, ECONOMIC AND ENVIRONMENTAL APPLICATIONS.

RESOLVES:

THAT ADMINISTRATIONS AND AUTHORITIES RESPONSIBLE FOR NAVIGATION IN THEIR AREAS BE URGED TO PROMOTE THE COMPLEMENTARY USE OF LORAN-C AND CHAYKA WITH GLOBAL NAVIGATION SATELLITE SYSTEMS, AS THEY BECOME AVAILABLE, AS A MEANS OF PROVIDING THE MOST COMPLETE AND ACCURATE NAVIGATIONAL INFORMATION TO MARINE, AERONAUTICAL AND LAND USERS, AND

RECOMMENDS:

THAT ADMINISTRATIONS, AUTHORITIES, NAVIGATIONAL INSTITUTIONS AND ASSOCIATIONS WORLD WIDE:

(1) TAKE DUE NOTICE OF THIS RESOLUTION OF THE WILD GOOSE ASSOCIATION;

W. Lilley..... President
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RESOLUTION CONTINUED...

(2) SUPPORT THE COMPLEMENTARY USE OF TERRESTRIAL AND SATELLITE RADIONAVIGATION SYSTEMS; AND

(3) PUBLICISE WIDELY INFORMATION ON THE SPECIFICATIONS, CHARACTERISTICS, BENEFITS, STATUS AND PLANS OF THESE SYSTEMS.

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

FOR MORE INFORMATION, CONTACT JOHN BEUKERS: PHONE 0451-870777

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*The International Loran
Radionavigation Forum*

August 5, 1992

Director General
Norwegian Defence Communications
and Data Services Administration
Oslo Mil/Akershus
Oslo 1, 0015
NORWAY

COPY

Dear Mr. Hoegberg:

It is with gratitude that we write to you on this historic day that heralds a new era of radionavigation in Europe. The signing by six European countries of the Northwest Europe Loran-C Treaty is a direct result of NODECA's continued support and the dedication of employees of this agency over an extended period of time.

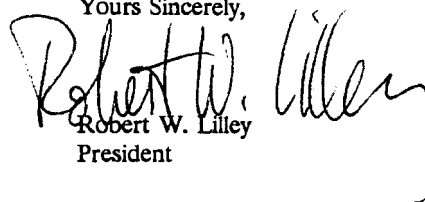
The Wild Goose Association would like to highlight the Chairman of the Northwest Loran-C Policy Group, Andreas Stenseth and the group's Secretary, Kjell Enerstad, as two of the individuals with whom our Association has worked closely over the years. These two gentlemen have performed in an unqualified professional manner displaying both patience and diplomacy during lengthy and, at times, frustrating negotiations.

The WGA, with its loran experienced members, has played its part in the wings and is appreciative of being asked, on occasion, to provide information and clarification on technical and policy matters as the need arose. The WGA stands by to assist in any way possible to ensure the success of this new Loran-C program that was born today.

It is not by coincidence that the 21st Annual Convention of the Wild Goose Association is to be held in Europe, the first ever outside of the United States. It was a gamble that the treaty would be signed in time but we felt the presence of our loran expertise should be made readily accessible to those that need to learn of an unfamiliar technology, so we took this risk. We are looking forward to a good European turn-out at the Convention which will take place in Birmingham on August 23-27.

As President of the WGA I wish to congratulate you on a job well done

Yours Sincerely,


Robert W. Lilley
President

RWL:crp

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

1

COMMISSION OF THE E.C.

D.G. VII-D3

Jdd WP LCBIR3 —

*Jacques deDieu
European Community
Dir. General for Transport*

WILD GOOSE CONVENTION - BIRMINGHAM 25 AUGUST 1992.

I am very glad and proud to be invited to give on behalf of the Directorate-General of Transport of the EC-Commission the keynote address to your twenty first annual Convention, in particular when it is the first time that the WILD GOOSE ASSOCIATION goes Europe.

Mr. Chairman in your very kind invitation you asked the Commission to set the tone for the technical symposium because of the involvement and interest it is showing in radionavigation matters.

Being no technician I will restrict my self to political aspects.

When I joined the Commission three years ago, one of the first letters I received was an invitation to attend your nineteenth annual convention in Long Beach California.

Through the enclosed leaflet introducing your association I discovered the world and the friends of LORAN. Unfortunately for me, I could not convince my Director General to send me to Los Angeles without any evidence to justify the Commission presence.

Today, barely three years later, things have changed, especially on European level.

Before giving you a brief review of the facts which led to the involvement of the Commission I owe our American friends a very short explanation of the role of the Commission on the European scene.

Together with the Council, consisting of the Ministers of the twelve EC-countries, -the UK is one of them and is now chairing the Council until the end of this year-, the directly elected European Parliament and the Court of Justice, the Commission is one of the four institutions forming the European Economic Community, which is a political and economic organization, ruled by the EEC-Treaty.

The task of the Community is to establish a common internal market and through the development of common policies, such as the one in the transport sphere, to promote throughout the Community an harmonious development of economic activities, expansion, an increase in stability, a high standard of living and closer relations between the states belonging to it.

One of the main institutional duties of the Commission, assisted by its technical departments, such as the Directorate general of Transport, is to propose appropriate measures to Council and Parliament for the realisation of the policies.

With the objective of ensuring the safety of navigation in Europe and neighbouring areas, the development and improvement of aids to navigation is one of the actions which the Community is currently concerned with. This concern dictates the role of the Commission.

For the benefit of my colleagues and friends of the EC member states I am prone to make already at this stage a reference to Maastricht and to the magic word SUBSIDIARITY.

The principle of subsidiarity requires that the Community should only exercise its powers where EC action is essential for the effective attainment of the Treaty objectives, and where measures by the Member States individually are insufficient to that end.

Fresh tasks are only to be taken on by the Community when they prove essential at that level, in order to protect its citizens and all those who travel through the European area without borders.

Although this principle of subsidiarity will only come into force at the beginning of next year, in accordance with the provisions added to the EEC Treaty by the Maastricht Treaty, I will demonstrate during this intervention that the Community and, in particular the Commission, have applied this principle *avant la lettre*, in advance and will still be guided by the same principle in the future.

With this background information it will now be easier for you to assimilate the key elements of the Community and Commission action in the radionavigation field.

The Commission was present at Trinity House in London in March 1987 where the International Association of Lighthouse Authorities called a radionavigation Conference after the announcement by the United States Coast Guard to cease funding and manning all its LORAN C stations outside of the US at the end of 1994, offering at the same time to transfer all or part of Loran C station equipment to interested host nations, when these would not be needed further by the US.

At that time the Commission had shown some interest in the development of a single European LORAN C system, but did not want to intervene leaving the responsibility for action for providing an answer to the US Coast Guard, direct to the concerned host nations.

Building up its policy with regard aids to navigation the Commission took note of one of the main conclusions agreed by the Conference: the need to maintain, after the introduction of new satellite navigation systems, terrestrial radionavigation systems for the foreseeable future in appropriate national and regional areas.

Given the involvement of several EC-Member States in the international discussions on the US Coast Guard Loran C proposal, and given the previous and potential interest of the Commission in the subject, two years later, the Commission was invited by the UK-government to comment and to give the Commission's views on a consultative document on the future of marine radionavigation in United Kingdom waters.

The Commission took note that the UK Department of Transport was in favour, under certain conditions, of a change of terrestrial system in the UK and expressed its intention to participate in a North European Loran C chain.

Answering the invitation of the UK the Commission stressed that given on the one hand the North-European developments and the interest shown by France, Italy and Spain for a similar LORAN C system in the Mediterranean area, it was very interested in the generalization of a terrestrial radionavigation system in Europe and made an offer to develop an initiative in this field.

At the request of IALA the Commission has participated since 1990 in an IALA working group which was set up to examine the technical, operational and organizational aspects of maintaining Loran C in the Mediterranean area.

The Commission was also invited, as an observer to attend the meetings of the North-west European LORAN C Policy group.

In September 1990 the Directorate General of Transport evaluated the situation and decided that time had come for European action.

This was based upon following determinants:

- the technical merits of Loran C for marine, air and land navigation were demonstrated,
- the possibility to extend the system, at low costs, to the entire European area and to link it with other chains in the west and the east,
- international developments and the IALA policy with regard aids to marine navigation.

and, may be the most important one in our policy-building process,

- the fact that combined satellite/Loran C coverage will offer the highest degree of system verification and continuity of radionavigation coverage, for the benefit of safety and environmental protection.

Without wishing to blame the US authorities, whose role, was not to defend the LORAN technology, it must be said that their decision to abandon LORAN C in Europe for GPS created the impression that, in the era of satellites, an obsolete technology was offered to Europe. This forum does certainly not need to be convinced that this was totally wrong.

Recent investments in the LORAN technology in the continental USA and in France, international developments and of course the merits of the system itself, were laid on the table as evidence. Objections against the system were overruled.

European action with regard to Loran C was entirely justified due to:

- the risk of dismantlement of the basic infrastructure by the US Coast Guard, in absence of a positive answer to their offer to the host nations,
- the intention of some Member States of the EC to withdraw from the North-West European Policy Group,
- the lack of progress in the Mediterranean talks.

These elements may have seriously jeopardised the development of a European network.

Therefore, anticipating the outline of its general policy with regard to aids to navigation, the Commission decided in January 1991 to present a formal proposal for a Council decision on LORAN C.

The proposal was fully supported by the Economic and Social Committee, an advisory body in which the industry and the social partners are represented. Taking note of a change in the policy in the UK and endorsing constructive amendments of the European Parliament, the Commission, in November 1991, amended and widened its proposal into a proposal on radionavigation systems for Europe.

With the formal adoption of the Decision on radionavigation systems for Europe on the 25th February of this year by the Council of Ministers of the European Communities the first decisive step into the establishment of the radionavigation policy in the European Community was taken.

The Decision taken is an example of subsidiarity.

The European Community, recognizing the need for a terrestrial radionavigation system, states that the establishment of regional LORAN C systems must ensure coherent and complete coverage of the European maritime area.

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To this end the Member States and the Commission are obliged to support efforts to set up a worldwide radionavigation system, including European regional Loran C chains, with the purpose of enlarging worldwide LORAN C coverage in order to improve the safety of navigation and the protection of the marine environment.

Member States are not required to abandon radionavigation systems such as Decca and Omega, neither they are obliged, at this stage, to join regional LORAN C Chains. Nevertheless they have to strive and do the utmost for the realisation of regional LORAN C chains in Europe.

Respectful of the subsidiarity principle the Commission hopes that all Member States will, in due time, take the necessary steps to set up or to join regional agreements on LORAN C. Those who decide to participate in such agreements are bound to seek to achieve the configurations which cover the widest possible geographical area in Europe and in neighbouring waters.

The Commission, which was charged by the Council to ensure coordination between Member states participating in regional LORAN C agreements, is very satisfied about the recent developments and commitments of the EC Member States with regard to the coverage of the northern European area. For this area no further action is necessary at this stage.

For the Mediterranean and the Iberian peninsula the situation is totally different.

Today there is still no formal political commitment of the states involved, to set up a policy group for the realisation of a suitable chain in southern Europe.

The Commission will do its utmost to help Member States make a decisive step into the signature of such a commitment. I am making use of the presence of our American Coast Guard friends to appeal for joint efforts in this matter.

The Commission will evaluate the situation in the course of September and, respectful of the subsidiarity principle, will propose, if the need arise, the necessary measures as urged by the Council.

The most important outcome of the Council decision for the Commission is the recognition at European community level of the need to set up a European radionavigation plan which takes into account the development of satellite systems, existing terrestrial systems and the radionavigation plans of the Member States.

Taking into account the US plan and the intentions of the Commonwealth of Independent States it is obvious that LORAN C will also play an important role in the European system.

With regard to satellite systems the Commission already has the responsibility to reflect on the development of civil and internationally controlled radionavigation system that will meet the requirements of transport in the 21st century.

Appropriate contacts with ESA, the European space agency and INMARSAT are envisaged.

The Commission supports also the idea of the establishment of a joint IMO-ICAO planning group, to which it intends to participate actively.

Coming back to the European radionavigation plan it is the wish of the Commission to present to the Council and parliament, as soon as possible, mid 1994 is a tentative date, an extensive report on radionavigation aids and a draft for a radionavigation plan for Europe.

At this stage the Commission Services are of the opinion that the provision of appropriate radionavigation aids, with suitable requirements, mandatory if necessary, on a European level, will be of the benefit to:

- control and monitor the safe, timely and efficient carriage of people and cargo by sea, air and inland transport modes,
- offshore exploitation, marine surveys, fishing and recreational crafts,
- fleet management and emergency rescue,
- protection of the environment in areas with high density traffic and marginal weather conditions,
- cost optimisation for the countries providing radionavigation aids,
- reduction of user's costs by the development of suitable low cost receivers.

Preliminary to the realisation of the European radionavigation concept the Commission Services will discuss the policy objectives and relevant aspects with the governments of the Member states and the third countries with which the Community has signed cooperation agreements and will try to identify the real users' requirements.

Interests of the involved radiocommunication industry will not be neglected.

All these commitments and intentions represent a lot of work and money.

With regard the financial aspects it is worthwhile to refer again to the Maastricht Treaty. A specific chapter of this Treaty is of particular interest in assessing Community contribution to infrastructure for transport and telecommunication in the field of transeuropean networks.

Under which conditions a future coherent European radionavigation system could be incorporated in the concept of Trans-European network has to be investigated.

Within the Trans-European network, projects identified of common interest and financed by the Member States, could receive some specific financial support from the Community and in addition some financial support from the, to be set up, Cohesion Fund, which applies to Spain, Portugal, Greece and Ireland.

About the recovery of investment costs for aids to navigation the Commission Services believe that the EC dimension is appropriate, in terms of both a coherent geographical area and an institutional framework for the application of the "user pays" principle. Investigation in this field will start soon. The first step will be the gathering of information from the Member States on the cost of providing marine navigation aids.

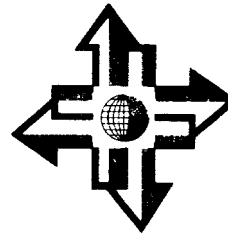
At the end of this review of our prospects for the future I want to stress that I am confident about the future of LORAN C, taking account of the international developments and the very interesting and important contributions that were made to the LORAN C/GPS tutorial and, last but not least, more especially as the WILD GOOSE will continue to foster and promote the art of LORAN.

I like to emphasize in this forum, that for the Commission LORAN C has an additional merit, the one of being responsible for the start of the European radionavigation policy.

Finally, I wish you a fruitful successful and pleasant convention and really hope to have a another opportunity to report to your association on the progress accomplished at European level.

Jacques de Dieu

**International Council of
AIRCRAFT OWNER and PILOT ASSOCIATIONS**



Reply to:

☐ **INTERNATIONAL HEADQUARTERS**

421 Aviation Way, Frederick, MD 21701, U.S.A. • Tel. (301) 695-2220 • Telex 89-3345 • Cable Address IAOPA

☒ **EUROPEAN REGIONAL OFFICE**

50a Cambridge Street, London, SW1V 4QQ, England • Telex 262284 Ref. 2290
Tels. day (01) 834 5631, (01) 834 9307 night (0483) 506566, (0483) 506568
Telegrams: Aviacentre, London SW1V 4QQ

Robert W. Lilley,
President,
Wild Goose Association, Inc.
P.O. Box 556,
Bedford,
MA 01730,
U.S.A.

3rd September 1992

Dear *R. Lilley*

Sadly I am in the embarrassing position of having to write and apologise for my failure to meet the duties I volunteered for at the Birmingham Symposium of the Wild Goose Association.

Having accepted your invitation to Co Chair a session on the last afternoon of the Symposium, an unscheduled meeting of the ECAC Harmonisation of pilot licences in Europe (on which I serve) was laid on to meet the European Commission's deadline for the completion of our work. There were a number of issues that I had to present personally at this meeting and as a result I informed David Last (my UK contact) that I would not be able to attend until lunch time on the last day. He assured me that if my travel plans went awry, he would be able to stand in for me.

Unfortunately, my last flight out of Amsterdam was cancelled and I was unable to get a flight the following morning in time to make the session I was co chairing. This was particularly annoying to me as there were a number of issues

MEMBER ASSOCIATIONS

AOPA-Australia
AOPA-Austria
AOPA-Belgium
AOPA-Brazil (APPA)
AOPA-Canada (COPA)
AOPA-Colombia (AAG)

AOPA-Denmark
AOPA-France (APPA)
AOPA-Germany
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AOPA-Ireland
AOPA-Israel (IAGA)

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AOPA-Japan (JAOPA)
AOPA-Luxembourg (UPL)
AOPA-Netherlands
AOPA-New Zealand
AOPA-Nigeria (NAOPA)

AOPA-Norway
AOPA-Philippines
AOPA-Singapore (RSFC)
AOPA-South Africa
AOPA-Spain
AOPA-Sweden (SPAF)

AOPA-Switzerland
AOPA-U.K.
AOPA-U.S.A.
AOPA-Venezuela (FVA)

I needed to discuss regarding Loran - 'C'.

As a participant in the European Air Navigation Planning Group of ICAO, I have enclosed documentation concerning implementation of R.NAV in Europe and I needed some information regarding the comments on page 17 which concerned me and my necessary input to this Group.

Once again I must offer my most sincere apologies for my non attendance at the Symposium and hope that my notification of absence reached David Last in time to avoid any disruption of the proceedings.

Sincere Regards

R. D. Campbell

R. D. Campbell,
Technical Co-ordinator,
IAOPA (EUR).

CC Mr Frank Cassidy
Dr David Last

*I believe
it did
R. D. Campbell
9/21*

John M. Beukers
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Glos. GL56 0QX
England

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September 1, 1992

Councillor Peter J.P. Barwell
The Council House
Birmingham B1 1BB

Dear Peter,

PAMELA

I am moved to write you a personal note of thanks for taking an interest in the members, their wives and guests of our Association. Many of those attending the Civic Dinner, while acknowledging the formality of the evening, were impressed with the personal interaction of Barbara and yourself making the evening so enjoyable and one to remember. The elegance and setting of the evening was magnificent and appreciated by all. To achieve the formality of an event of this nature and yet maintain the informality and personal warmth enjoyed by our group is a credit to yourself and your wife.

Permitting the intrusion of our award presentations at the Dinner was kind of you and meant a great deal to both the Association and the recipients, for this I also thank you.

In addition, your personal attention to the gift presented to the Association did not go unnoticed. Our family has been in the computer pre-press business for some years and understands the work entailed in creating the effect on the magnificent glass vase. This gift will be treasured for years to come.

Our President, Rob Lilley took off for a European vacation after the Convention. He asked to be included in this note of thanks and will, of course, be writing separately on behalf of the Association upon his return to the United States.

I appreciate, and will do what I can to follow up on your introduction to the Earl of Caithness. Perhaps this may provide the opportunity to provide some background that will encourage the United Kingdom to reconsider becoming a signatory to the Northwest Europe Loran-C Agreement. If successful, such action will reverse the negative attitude towards the U.K. in the radionavigation community that was created by the U.K.'s withdrawal from the group last year.

Once again, as Chairman of the Convention, thank you for making my job easier and adding so much to our 21st birthday. I trust our paths will cross again in the not too distant future and I look forward to that time.

With very best wishes for the remainder of your term of office.

Yours sincerely,



FAXSIMILE COVER SHEET

NUMBER OF PAGES INCLUDING THIS ONE (2)

John M. Beukers
Beukers Technologies, Inc.

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To: BOB LILLEY

Fax No: #12

Date: SEPT 10 '92

Subject/Message: PROTOCOL

Bob
Per y. report

[Signature]

INTRODUCTION

The following notes indicate the general procedure which is customary in the City when the Lord Mayor attends public functions.

The Lord Mayor's Secretary will be pleased to assist organisers in the detail of proceedings when these involve the attendance of the Lord Mayor, the Lady Mayoress, the Deputy Lord Mayor or a Deputy acting for the Lord Mayor.

GENERAL

The title Lord Mayor has been accorded to the first citizen of the City of Birmingham since 1896. The Lord Mayor shall, by law, have precedence in the City but not so as to prejudicially affect Her Majesty's Royal Prerogative.

ARRIVAL

As, in many instances, the Lord Mayor may be unacquainted with those responsible for the organisation of your function, it is mutually helpful if an appointed person meets the Lord Mayor at the entrance to the building when he arrives. The Lord Mayor (and the Lady Mayoress if she attends) should then be escorted and introduced immediately to the President, Chairman or whomever acts as host, or, in certain circumstances, to the assembled company.

When the Lady Mayoress only attends the function, or when the Lord Mayor is represented by the Deputy Lord Mayor or by a Deputy, similar arrangements should be made.

RECEPTION

When the Lord Mayor enters an assembly it is customary for those present to rise. Similarly, this courtesy is extended to him when he leaves the meeting.

PRECEDENCE

Unless the Lord Mayor occupies the Chair, he should be seated on the immediate right of the Chairman. This also applies to seating arrangements at lunches and dinners.

At lunches and dinners, when the toast of "The City of Birmingham" is given (though this toast is not obligatory) it usually follows that of "The Queen".

When the toast is omitted but the Lord Mayor has previously consented to speak, it is customary to accord him the privilege of being the first to propose or respond to the toast immediately following the loyal toast.

Similarly at meetings or social gatherings, the Lord Mayor would be the first speaker, though an introduction may appropriately be made by the Chairman of the meeting.

INFORMATION FOR THE LORD MAYOR

It is of considerable help to the Lord Mayor if a copy of any formal programme, order of proceedings or agenda, together with an approximate time-table of the function can be sent to the Parlour at the earliest convenient date but at least a week before your function.

FORM OF ADDRESS

The formal announcement when the Lord Mayor only is present is:-

"The Right Worshipful, The Lord Mayor Councillor Peter Barwell"

When the Lady Mayoress is also present it is:

"The Lord Mayor and The Lady Mayoress Councillor and Mrs Peter Barwell"

This is also the correct description for printed matter.

The usual mode of address is:

"My Lord Mayor - my Lady Mayoress" or when the Lord Mayor is represented by the Deputy Lord Mayor he is addressed as "Deputy Lord Mayor"

Similarly if the Lord Mayor is represented by a Deputy, who will be a former Lord Mayor, it is:

"Mr. Deputy"

The correct descriptions are:-

"The Deputy Lord Mayor, Councillor Turner" and "The Lord Mayor's Deputy (Councillor *****)"

Organisers may have other queries and the Lord Mayor's Secretary or the Parlour Staff can always be consulted on these. It is emphasised that neither the Lord Mayor, the Lady Mayoress, nor the Deputies should be called upon to speak or to take an active part in any ceremony associated with the function they are attending, unless previous advice has been given by the Parlour and consent obtained.

FAXSIMILE COVER SHEET

NUMBER OF PAGES INCLUDING THIS ONE (2)

John M. Beukers
Beukers Technologies, Inc.

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To: Rob Liley

Fax No: #12

Date: Sept 7 1992

Subject/Message: Personal thank-you to
L.M. Peter Barwell.

Rob,
I trust you had an enjoyable few days and time to relax after the rigors of the Convention.

The attached for you info. I think you have the protocol sheet for a formal letter of thanks - if not let me know

Great to have you here and look forward to a repeat performance without the Cajun chicken! and much love !!
yours John

GLYFAXCOVERSHEET C1AL C3

WILD GOOSE ASSOCIATION

103rd Meeting of the Board of Directors

Date: Thursday, August 27, 1992
 Time: 5:30 pm
 Place: Copthorne Hotel, Birmingham, England
 (Check bulletin boards for room)

Agenda

- | | |
|--|---------|
| ✓ 1. Call to Order | Lilley |
| 2. Attendance, proxies and statement of quorum ✓ | Dean |
| 3. Introduction of New Board Members | Lilley |
| 4. Standing Committee Reports
Conventions: 1992
1993-
94 95 | Beukers |
| 5. Old Business | |
| 6. New Business: | |
| 7. Next Meeting Schedule | Dean |
| 8. Adjourn | |

Committees

New Op Center Contract - Dave
 Op Center Move is complete -

Flags - \$1,200 J. Alexander
 P.R. - director/committee assignment?
 write/distribute?

Loran-C Fact sheet?

Fish Expo

D. Scott Report on NavCom closure -
 Moscow Symposium - when?

WILD GOOSE ASSOCIATION

102nd Meeting of the Board of Directors

Date: Monday, August 24, 1992
 Time: 3:00 pm
 Place: Copthorne Hotel, Birmingham, England
 (Check bulletin boards for room)

Agenda

- | | |
|--|--------------------------------------|
| 1. Call to Order | Lilley |
| 2. Attendance, proxies and statement of quorum | Dean |
| 3. Adoption of Minutes of 101st Board Meeting | Dean |
| 4. Secretary's Report | Dean |
| 5. Treasurer's Report | Andren |
| 6. Executive Committee Report | Lilley |
| 7. Standing Committee Reports | |
| Conventions: | |
| 1992 | Beukers |
| 1993 | Morgenthau <u>Moroney</u> |
| 8. Special Committee Reports | |
| 9. Old Business | |
| 10. New Business: | |
| 11. Next Meeting Schedule | Dean |
| 12. Adjourn | |

→ Agenda for General Meeting

Reports, etc.

Russian Letter

1993
con ✓

To B Ham

PAUL BURKET
will talk to
Frank Williams
Pres. RNAV

Mike
Working

Beukers Technologies, Inc.
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Moreton-in-Marsh, Glos. U.K.

Tel: 44-0451-870777
Fax: 44-0451-870222

To: Bob Lilley
Mike Moroney
Fax No: 614-593-1604
617-444-2628
From: John Beukers
Date: August 10, 1992
Time: 9:41 AM
File: 0810Lill

SD12
of

Subject: WGA Initiative for Convention. Important and Urgent.

Dear Bob,

I had a long talk with Mark Morgenthaler on Friday, relating the signing of the Europe Treaty and the worldwide expansion of loran now that the system is truly international with no U.S. involvement outside of the U.S. Mark gave me a briefing on his situation with Trimble, Trimble's product positioning, and the loran industry in general.

The bottom line is that Trimble are going after the airline business with their GPS RAIM product and have little interest in pursuing loran or loran GPS. This puts him in a difficult position with the corporation as he finds there is a conflict of interest. He also informed me that his ability to support the WGA was in jeopardy because of this, going as far as to suggest that he may find it difficult to Chair the 1993 Convention. (note my previous fax on this subject speculating that this might happen).

As to the loran industry, Mark's feedback is that there is little interest in loran because the manufacturers are spending all their R&D dollars developing GPS hardware. He tells me that no one is selling loran.

Be that as it may - outside the U.S. loran is becoming the navigational aid of choice evidenced by the host nation take over, the NW Europe Treaty, the C.I.S Chayka commitment and cooperation, the Far East agreement and other situations best known to Ed McGann at Megapulse. The consensus is that until GPS or equivalent is endorsed and controlled internationally, it can only be used as a supplemental aid and not formally accepted by treaty. (liability issues are foremost in the minds of authorities).

I believe that the WGA must take a stand with the industry apathy. This symposium has been convened in Europe for the express purpose of bringing loran to the European community and people are coming to hear and learn what is happening with loran and the use of loran and GPS. We have the makings of an excellent turnout and the meeting should not be spoilt because of the lack of loran support.

Mike?
Talk to
Mark

very
tough -
Mgmt
negative

Call
Mike M.
WED.

This is what I propose to do. The WGA will purchase four to six poster displays and I will undertake to prepare an exhibition of loran activity. Center to this display will be the signing of the NW Europe Treaty with some photographs and background, also something on NODECA. The remainder of the display will consist of loran activity and related navigation matters from the following but not exhaustive list. There will be no charge for the space, the WGA will foot the bill. I will have someone make an attractive layout of material. The display will be headed "Wild Goose Association - International Loran-C"

- * U.K Meteorological Office
Volpe Nat. Trans. Systems Center
- * University of Wales
University of Ohio
- * Trinity House
FAA Programs
USCG
- * C.I.S.
Manufacturers Literature
- * NODECA

I will contact those with and * requesting some photos and a brief write up. I know this is a last ditch effort to get some interest into the exhibition, my only other alternative was to cancel it but I felt this unfair to the few that have signed up.

I would like to get your concurrence with this proposal since it goes beyond what we have done in the past and will involve additional expense. If we agree to go ahead then what I will need are photos and brief captions etc. Even a list of projects. I can have titles made up by the fellow who is setting up the booths and displays.

I need an immediate response because if we are to do something I have to make some calls and many are on holiday at this time.

Regards,

