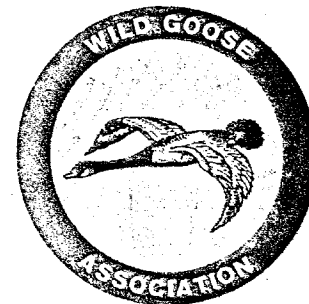


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**WILD GOOSE ASSOCIATION**

4 TOWNSEND ROAD, ACTON, MASSACHUSETTS 01720



5/1/74

NEWS LETTER

ITEM: WGA ELECTIONS

Please submit nominations for President and Board members to John Buekers - Buekers Labs, 30 Orville Drive, Bohemia, N. Y. 11716 by 22 April 1974 so we can get the ballots out. Please include a brief biographic sketch.

ITEM: USCG - LORAN C PUBLIC AWARENESS PROGRAM

As part of a "public awareness program" US Coast Guard cutters along the coastal areas of the US have been demonstrating Loran-C navigation to members of the press and the user community with dramatic results. Many newspaper articles and spot TV notices have resulted. USCG deserves congratulations for taking such a positive and aggressive position in serving the public interest.

ITEM: HONKING OUR HORN

Fellow WGA member Ralph Johler presented two Loran papers in The Hague, Netherlands during 25-29 March AGARD Conference on Irregular Surfaces and Inhomogenous Media. They were (1) "Propagation of a loran pulse over irregular, inhomogeneous ground by Ralph Johler and Samuel Horowitz" and (2) "Spatial and temporal electrical properties derived from LF pulse ground wave propagation measurements" by Robert H. Doherty. Copies can be obtained by requests to the authors at OT/ITS Dept of Commerce 325 Broadway, Boulder, Col 80302.

ITEM: RULES CHANGE

Effective 19 March 1974 the FCC adopted an amendment to its rules which allows operation on a secondary basis of commercial radio-locator systems in the Loran-C band. Licenses will be granted on a case by case basis through FCC channels with coordination through the US Coast Guard. Off-shore Navigation Inc. and Megapulse Inc. are currently testing a Megapulse built "Mini-transmitter" at Appalachicola, Fla under an experimental license IAW this rule change. The company indicates 500 mile ranges from a 150 foot antenna.

5/12/74  
ITEM: COMMERCIAL AVIATION TESTING LORAN-C

Pan American under contract to FAA is conducting suitability tests of both envelope and cycle switching receivers for overseas flights. EDO 600T, Teledyne TL 601 and Nav Systems ADL 81 are being used. Eastern Airlines is also doing some testing with an EDO 1200T. FAA jurisdictional officer is Alexander B. Winnick.

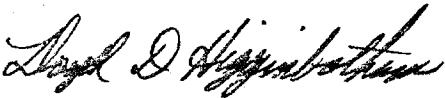
ITEM: GROUP PHASE STUDY

Applied Physics Lab under AF sponsorship is conducting scientific measurements on envelope to cycle discrepancy. If their theory proves to be correct we will be able to measure the propagation anomaly by measuring the ECD. Maybe we'll get that predictable accuracy yet. Keep trying Leo.

ITEM: WORKSHOP

Date of the workshop reported in last newsletter not yet known. DOT is hiring a contractor to organize and the WGA will have one or more members on the steering committee.

LOST: Bill Merrill has left Teledyne with no forwarding address.....



LLOYD D. HIGGINBOTHAM  
President