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VOL 86-2
5 pp.

WILD GOOSE ASSOCIATION

QUARTERLY NEWSBULLETIN

Summer 1986

FOREWORD (Editor) Bob Miller

This being mid September tends to indicate that the second issue for the year 1986 is somewhat late. Voluntary work sometimes is subject to sacrifices beyond control. As before, however, we will continue to accept all input material right up to press time. Your input is respectfully requested. The address to send your contributions for our publication is:

Kaman Tempo
1613 University Boulevard NE
Albuquerque, NM 87102 Phone: (505)242-0508

The Wild Goose Association Quarterly Newsbulletin is next scheduled for release in the month of December.

PRESIDENT'S COLUMN (Walt Dean)

As of the latest reading, the Mid-Continent chain is still on track in the '87 budget. The Coast Guard is in the planning stage with the present plan calling for four new stations in the gap area. The Canadians are showing considerable interest in possible expansion of their Loran chains, in cooperation with the U.S. expansion, but political problems still exist.

TREASURER'S REPORT (Dave Carter)

Beginning Balance (11 Dec. 85)	$14,139.16
Cash Flow	1,512.00
Ending Balance (20 Jan. 86)	$15,651.16

RECEIPTS:		EXPENDITURES:	
Dues	$2,429.00	Returned dues check	$ 17.00
Journal sales	10.00	Secretary expenses advance	400.00
	$2,349.00	Corporation filing fee	10.00
		Membership Committee advance	500.00

The above status of our Treasury is a repetition of the Spring report.

MEMBERSHIP FEES (Leo Fehlner)

This item also needs to be reprinted. Check the mailing label on your

newsletter. If the date on the label is a number less than 1986, you owe your dues! Don't become a fatality on our roster.

LEO FEHLNER RECOVERING NICELY (Editor)

Leo recently underwent heart surgery and is well on the way to complete recovery. In addition, Leo will be soon retiring from his position at Johns Hopkins Applied Physics Laboratory. He has reported that he intends to remain active in the Wild Goose Association. Best wishes and good health to you, Leo.

CHUCK SLOCOMB TO BE ROASTED (Walt Dean)

Chuck Slocomb who presented the Wild Goose Association with John Wayne's banner at the 1985 convention in Boston and who also gave a great talk on whales at the 1981 convention, will be honored at a "CHUCK ROAST" Long Beach, CA. The date for this event is Friday, October 3rd and the location is the Spruce Goose Dome. Anyone interested in attending may contact Jim Culbertson at (714)531-7974 for additional details.

BOOK REVIEW (Walt Dean)

"THE LORAN-C USERS GUIDE" by Bonnie Dahl, published by Richardsons' Marine Publishing Inc., P.O. Box 23, Streamwood, IL 60103.

This book claims to be "...the most complete Loran-C book available!" That it may well be, for the maritime user, as it covers the subject quite well. Ms. Dahl has researched her subject quite well as evidenced by the [illegible] page bibliography. She goes into the history of Loran-C, the civilian portion, in good detail. All of the Loran fundamentals and descriptions of the chains are well covered. A considerable part of the book is devoted to practical use of Loran - obviously derived from first-hand sailing experience in Lake Superior. Much of this should be valuable to the beginning user of Loran. The nitpickers among us may have a few problems with some details, such as the difference between noise and interference and the definition of a cycle, but the average customer for this book probably won't care.

DUAL RATING LORSTA PORT CLARENCE (USCG Radionavigation Bulletin, Nr. 20)

The Federal Aviation Administration plans to fund the addition of LORSTA Port Clarence to the Gulf of Alaska chain. The Coast Guard now plans to install the necessary equipment at Port Clarence this October. No operational date is set but it should be in the spring or summer of 1987.

LORSTA YAP MOVING TO GUAM (USCG Radionavigation Bulletin, Nr. 20)

By spring 1987, the Coast Guard should be comnpleting operational tests of a new Loran-C transmitter, LORSTA Barrigada, on Guam in the West Pacific. This new station will replace Yap, several hundred miles to the southwest, the Zulu secondary in the Northwest Pacific chain. The economical and practical reasons for this decision are numerous. Exact coordinates for the tower at Barrigada are not yet available. Users in this area having receivers with coordinate conversion capability will have to contact the manufacturers to

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obtain modifications to their hardware; users operating on time differences will require new charts having new LOP's.

DRO 86 PROCEEDINGS PUBLISHED (Leo Fehlner)

Proceedings of HYDRO 86, the U.S. National Ocean Service hydrographic conference held on March 25-27, 1986, in Norfolk, VA, are now available from one of the co-sponsors, The Hydrographic Society of America. The bound publication contains 23 technical papers ranging from the latest developments in airborne and ground-based data collection system to proposed digital data exchange standards, data base management and automated chart production systems. Copies are available for North American requestors at $15 each (postage-paid) from:

The Hydrographic Society of America
P.O. Box 732
Rockville, MD 20851 Phone: (301)443-8232

All other requests should be directed to:

The Hydrographic Society International Headquarters
North East London Polytechnic
Longbridge Road
Dagenham, Essex RM8 2AS, UK Phone: 01-597 1946

LORSTA MARCUS ISLAND BACK IN SERVICE (Cdr Hal Millan)

The 1350' antenna at Marcus Island has been replaced with a 700' antenna. It was expected that the field strength for Marcus Island would be reduced by 3dB.

GOOSE CALL FOUND (Editor)

Having lost our famous goose call device traditionally used to bring our convention sessions to order, attempts to obtain a replacement were continually hampered by what appears to be technological advances. The original device was mechanically operated - similiar to the method used for furnishing a musical accordian with its air supply. The newer devices are usually in the form of a pocket device and require certain oral skills to effectively emulate the true call of a honker. Fearing the requirement for an extensive training period for any operator, a coast to coast search was implemented to locate a source of supply for one that any untrained WGA member can operate. Recently, a source has been found and an order has been placed. It is expected to be available in New Orleans for the 1987 convention to maintain a long standing tradition.

1986 WGA CONVENTION REPORT (Editor)

Bill Marchal, Convention Chairman, has made the mailing of agenda and reservation information for the 15th Annual Convention in New Orleans at the International Hotel. The golf and tennis tournaments begin in the afternoon of 21 October while the official opening ceremonies begin the afternoon of the 22nd. Bill Mooney, Technical Sessions Chairman, has put together a great llection of papers in five different divisions of technical sessions coordinating with our theme "LORAN-C.....-THE QUIET EXPANSION".

Both Bill's have the information on the street at an early date although they will be mailing the final program soon. Don't delay in

registering because your early submissions really relieve those last minute burdens!!!!!!

RECAP ----------

* Convention Dates	October 22-24, 1986
* Location	International Hotel, New Orleans, LA
* Theme	"1986 - The Quiet Expansion"
* Contacts	General: Bill Marchal (504)733-6790/865-7881
	Technical: Bill Mooney (617)494-2122

ELECTION RESULTS (Editor)

The results of the recent election for President and Directors are as follows:

PRESIDENT: Walter N. Dean
DIRECTORS: David A. Carter
James F. Culbertson
John D. Illgen
Jimmie L. Toms

Hearty congratulations to all (hope I got this correct)!!!!!

DAVE CARTER TO SAUDI ARABIA (Walt Dean)

Dave Carter, Treasurer and Director, left JAYCOR as of 15 September to become COCO of the Saudi Arabian Loran chain. Tentatively, Carl Andren will take over as Treasurer. Good luck, Dave!

MEETINGS OF INTEREST (Editor)

INTERNATIONAL SYMPOSIUM ON MARINE POSITIONING (INSMAP '86)
Marine Technology Society's Marine Geodesy Committee
USCG National Center Auditorium, Reston, VA, 14-17 October 1986
Contact: CDR Mark Ethridge
NCG1X1, NGS/NOAA
6001 Executive Blvd.
Rockville, MD 20852

15th ANNUAL LORAN-C TECHNICAL SYMPOSIUM (THE WILD GOOSE ASSOCIATION)
"Loran-C.....The Quiet Expansion"
The International Hotel, New Orleans, LA, 22-24 October 1986
Contact: Bill Marchal
c/o Offshore Navigation Inc.
P.O. Box 23504
New Orleans, LA 70123 Phone:(504)733-6790

PLANS '86 POSITION LOCATION AND NAVIGATION SYMPOSIUM
"Navigation into the 21st Century"
Caesars Palace, Las Vegas, NV, 4-7 November 1986
Contact: Thomas A. Stansell
Magnavox - Box 7 - Plans '86
2929 Maricopa St.
Torrance, CA 90503 Phone:(213)618-1200 ext.3040

INSTITUTE OF NAVIGATION NATIONAL TECHNICAL MEETING
"A Superbowl of Navigation Technology"
Anaheim Mariott Hotel, Anaheim, CA, 20-23 January 1987
Contact: John Clark
c/o The Institute of Navigation
Washington, D.C.

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Rcd 4/20/86 approx Vol 86-2

WILD GOOSE ASSOCIATION CALL FOR PAPERS

15TH Annual LORAN-C TECHNICAL SYMPOSIUM October 22-24, 1986 New Orleans, Louisiana

THEME - THE QUIET EXPANSION

LORAN-C is on a roll!! Authors are invited to submit a one page abstract to the technical chairman for papers on listed or other topics in the following areas:

General

Federal Radionavigation Hearings
Coast Guard systems update
FAA plans and status
DOD system use
LORAN-C protection criteria
Mid-Continent expansion

International System

Loran-C expansion in China
Saudi Chain Performance
LORSTA Sylt Double-Rating Tests
European Loran Planning update
Mini-chain deployment and use
Canadian Expansion Considerations

Coast Guard Related

Pt. Clarence Double Rating
ROS revisited
Operations changes related to Aviation
Chesapeake Bay survey
A-76 Status
Loran-C Signal Specification upgrade
Transmitter replacement program

Aviation Related

Pilot monitor program
Loran-C MOPS (RTCA 137A)
NPA accuracy requirements (AC-9045A)
Airport certification status for NPA
FAA monitor procurement
CONUS overflight data analysis

General System Considerations

DMA plans for ASF data update /distribution
Chart Update (NAD-27 to NAD-82)
Gulf of Maine Calibration Results
Loran-C Receiver Architecture
Marine Navigator MOPS
Canadian East Coast Chain(5930) calibration

Land Applications

Users reports on operational systems
System designs
Performance versus promise
Michigan AVM study
Fleet operations

Paper Schedule

Abstracts to Technical Chairman	June 1, 1986
Acceptance/Instructions	July 1, 1986
Papers to Technical Chairman	September 1, 1986*

General Chairman

Bill Marchal
c/o Offshore Navigation Inc.
P.O. Box 23504
New Orleans, LA 70123
(504) 733-6790

Technical Chairman

Francis W. Mooney
Two Surf Street
Marblehead, MA 01945
(617)-631-6585(h),494-2122(w)

***This is a key date because proceedings will be issued at the conference**