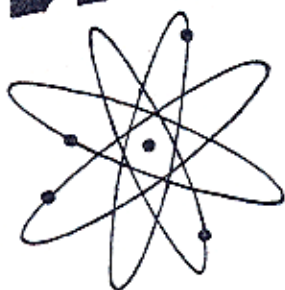


# W4CA LOG



*Amateur Radio News in  
The Roanoke Valley*

W4CA LOG  
P.O. Box 2002  
ROANOKE, VA.



FIRST CLASS MAIL  
Address Correction  
Requested

Van Wimmer  
Route 4, Box 428 F  
Salem, Va. 24153

W4CA LOG

JANUARY 1970

CLUB HOUSE - 110 Union Street, Salem, Va. 24153

CLUB MEETINGS: Second and Fourth Friday each month  
TIME: 8:00 P.M. (unless otherwise stated)

PRESIDENT - - - - - Van A. Wimmer - WA4BIX, R.F.D. 4, Box 428F  
Salem, Va. 24153 Phone - 389-2806

ACTIVITIES - - - - - Richard L. Genter - K4BKX

SECRETARY - - - - - Sam D. Kent - K4CEK, 3028 Carolina Dr., S.W.  
Roanoke, Va. 24014 Phone - 344-1801

TREASURER - - - - - Geo. W. Chilman - K4WYR, 3534 Overbrook  
Dr., S. W., Roanoke, Va. 24018  
Phone - 774-5916

EDUCATION DIRECTOR - - - Buddy Cole - WN4IWH, 330 White Street  
Salem, Va. 24153 Phone - 389-4691

PUBLICITY DIRECTOR - - - Earl T. Abbott, Jr. - K4GEJ, Rt. 1,  
Box 18D, Roanoke, Va. 24012

EQUIPMENT DIRECTOR  
& LOG DISTRIBUTION - - - Bob Anderson - K4UMK, 3703 Colony Lane, S.W.  
Roanoke, Va. 24018 Phone - 774-2621

LOG PRINTING - - - - - Earl Wood - WA4HYA, 120 Noble Ave., N. E.,  
Roanoke, Va. 24012 Phone 345-7503

EDITOR - - - - - Phil Sharr - WA4KSR, 3150 Golf Colony Dr.,  
Salem, Va. 24153 Phone - 389-5506

CLUB ACTIVITIES

Richard Genter K4BKX, Director

January 9, 1970 - - - - - Lesson 3 "Alternating Current Theory"

Text: AMECO Amateur Radio Theory Course

Pages: 29-65

Instructor: S. D. Kent - K4CEK

Quiz on Lesson 2 - Magnetism

January 23, 1970 - - - - - Lesson 3 continued

\* \* \* \* \*

WANTED

To Buy - - - - - Antenna Rotator, Ham "M" or equal

To Sell - - - - - EICO CW Transmitter (90W) \$50.00

WA4BIX 389-2806

To Buy - - - - - One piece of aluminum 12" x 12" x 1/4" -  
no holes, round or square.

WA4KSR P. C. Sharr 389-5506

To Sell - - - - - Heath Apache Transmitter and HQ 170 Receiver -  
Both real reasonable.

K4ZGY - Roy M. Kinsey, Jr. 389-6322

SELL: SWAN 500 C  
HEATH HW 12-A  
SWAN 250  
EICO TRANSMITTER  
6 & 2 METER CONVERTERS  
WA4HYA 345-7503

AMATEUR RADIO NEWS ITEMS

<u>Census of Amateur Radio Licenses in Fall 1969</u>	<u>Va.</u>	<u>U.S.A.*</u>
Novice	274	17,467
Technician	821	57,958
Conditional	872	37,668
General	2,225	105,182
Advanced	1,101	48,873
Extra	276	9,520
Club	57	3,452
Military	40	880
Total	5,666	281,000
YL'S	121	9,419

\*Continental U.S.A. 48 states and D.C. only

\* \* \* \* \*

Notice to Amateur Radio Operators who are also U.F.O. enthusiasts

There is a UFO organization which is directed by WB6RPL, 624 Farley St., Mountain View, California 94040. He is seeking members. If you are interested, contact him.

\* \* \* \* \*

# THE WIDDERS NEWS



Tinker Mountain Lodge was the scene for the Widders' annual Christmas party on December 6. Approximately 27, including Widders and guests were present for the festivities.

The following officers, elected during the November meeting, were installed: President, Connie Wagner; Vice President and Activities, Eva Wagner; Secretary, Sally Bobbit; Treasurer, June Wood; Reporter, Betty Lamons; Card Chairman, Bette Chilman; and Callers, Louise Martin, Darlene Pinion, and Eunice Evans.

Awards were presented by Hilda Ferrell, retiring President. Perfect attendance awards went to Bette Chilman, Hilda Ferrell, and Betty Lamons. Stinker of the Year went to Darlene Pinion. Chris Cole was named Widdler of the Year.

Door prizes were won by Phoebe Cole, Jim Cole, Chris Cole, Connie Wagner, and George Chilman.

Many thanks to the Nan Lee Beauty Shop for the door prizes!

## IMPORTANT NOTICE:

The next meeting of the Widders Club will be held Friday, January 16, at the home of Virginia Rudolph at 360 Koogler Drive, N. W., in Roanoke. June Wood will be co-hostess.

Secret pals for the year will be drawn during the January meeting.

Hostesses for 1970 will remain the same for each month as they were during '69. If for some reason you cannot serve as hostess during your appointed month, make arrangements to trade with someone, and let Connie know.

Belated birthday wishes are in order for Grechen Sharr, Bette Chilman, and Darlene Pinion who had birthdays during December. A belated "Happy Anniversary" to Louise and Jim Martin who celebrated their anniversary on Christmas Eve.

## HELP!

Please help me make the Widders News complete each month. You may mail news items to me at 5629 Brahma Road, S. W., Roanoke, Va., 24016, or call me after 5:30 p.m. at 774-7726 by the last week each month.

HAPPY NEW YEAR, and I'll see you January 16.

Betty Lamons, Reporter

Electrical Impulses and Eyesight - - - From Auto-Call

Faculty members at the University of the Pacific Graduate School of Medical Science in San Francisco have a new insight into research of blindness. They are not working with the eyes. They are working with the back, and television cameras and electrical impulses. Already they are getting results.

The method is simple in concept: Instead of the eyes transmitting the nerve impulses, a small television like camera receives the visual impressions. These are transmitted to 400 small electrodes attached to a person's back. Because the skin has nerve receptors arranged in a pattern, similar to the retina of the eye, the impulses may be transmitted to the brain. After extensive training, the blind person can form a visual conception in his brain from the stimulator vibrations on his back.

Dr. Cecil C. Collins, associate professor in the Department of Visual Science, says the blind person actually sees the objects out in space, instead of feeling them on his skin. A bulk first-run model of the system has allowed blind persons to identify various objects within a close visual field. The television camera features a zoom lens. With the camera, the person can discover such visual concepts as perspective, shadows, shape distortion and changes in size.

The working model would consist of a one-pound garment worn under the shirt and an eight-ounce vidicon camera worn on the head like a miner's lamp.

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