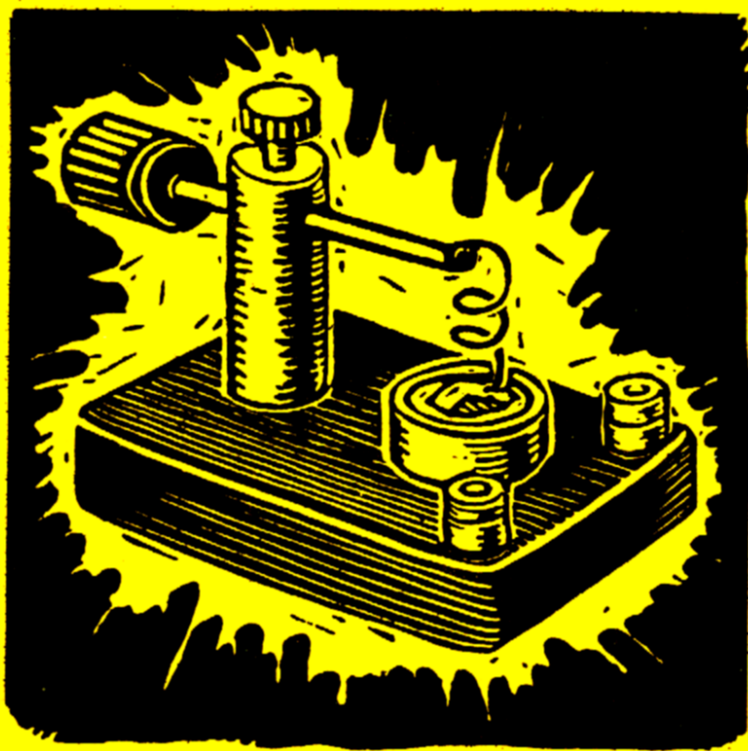


Indiana Historical Radio Society BULLETIN

Vol. 2

August 1973

No. 2



FORT WAYNE MEET

APRIL 29th was the date. The People's Trust Bank Building was the location. Another grand auction provided entertainment for everyone and also allowed some equipment to change hands. Several prizes were given during the program including a Music Master horn speaker. Mr. Stanley Sondles was the speaker for this meet. His early years with Magnovox when they were located in Oakland, California provided some very interesting subject matter. Displays of early radio equipment provided an intriguing spectacle for everyone present. Del Barrett, Joe Duray, Warren Johnson and Julian Stark were hosts for this meet.

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Jim Thomas of Kokomo, Indiana, was elected Vice President of the IHRS at the Fort Wayne meet. The election was held to fill the vacancy left by John Noble who has moved to Metairie, LA.



LAFAYETTE MEET

ON June 24th, the IHRS held its 3rd meeting of the year at the Tippecanoe Battleground near Lafayette, Indiana. Marshall Howenstein gave a talk on the development of WBAA and its place in the history of radio. A delicious meal was prepared by the wives of the members.

Early radio equipment was again numerous. A large display of speakers was assembled along with displays of Crosleys and AK's. The setting for the meet was very pleasant among the large trees on the site of the famous Battle of Tippecanoe. The weather was perfect and provided a leisure afternoon for many persons who visited our equipment display. Marshall Howenstein, Glen Rogers and Gary Vierk were host for this meet.



Radio Division
TELEPHONE MAINTENANCE CO.

20 So. Wells St., Dept. B, Chicago, Ill.

news roundup

MARSHALL HOWENSTEIN (Lafayette, IN) found a RCA UZ 1325 horn on his recent trip to the Northwestern U.S. and Canada.

JOHN NOBLE formerly of Indianapolis, IN., is now residing at 3608 Neyrey Dr. Metairie, LA 70002, John finds collecting difficult at this time but the tide will change when the new antique haunts are located.

ROSS SMITH (Elkhart, IN) restored a Freshman and found a pair of Frost Phones.

GLEN ROGERS (Lafayette, IN) has restored a Kennedy Model XV. A cabinet maker made a walnut cabinet for this set. It was well worth the effort and is a beauty.

JIM FRED (Cutler, IN) located several sets including: a Freshman, AK 55 Crosley AC set, and some old car radios.

WARREN JOHNSON (Fort Wayne, IN) picked up a very unusual crystal set at a Ham Fest.

JOE DURAY (Fort Wayne, IN) recently restored a Grebe CR-9 to beautiful condition.

FRED C. PROHL (Indianapolis, IN) acquired a Stewart Warner 300 and a Diamond T (AC with bias batteries) manufactured in South Bend, IN in 1927-28.

GARY A. VIERK (Lafayette, IN) has added a Michigan Midget, Manhattan Jr. horn speaker, Radiola III with adapter on top for 199s and a Radiola III.

The AWA National Historical Radio Conference will be held September 7, 8, 9, at the Sheraton Inn, Canandaigua, N. Y. Here is a good chance to meet with many friends whom you have corresponded with over the years. The program will be exciting and will have much to offer the historical radio buff. The Indiana Historical Radio Society will handle the QUIZ PANEL and the electronic scoring for this event.

DAY-FAN ELECTRIC COMPANY

FORMERLY THE DAYTON FAN & MOTOR COMPANY

DAYTON, OHIO

WHEN WIRELESS WAS YOUNG

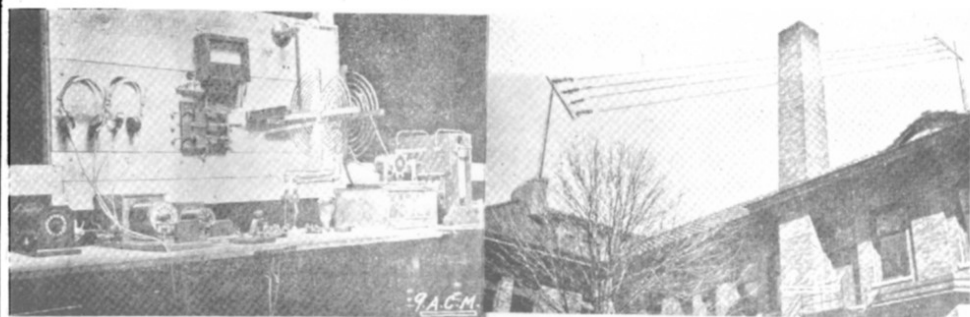
by

Marshall Howenstein

What is thought to be Indiana's first wireless station built and operated by a high school radio club came into existence in Goshen back in 1915. The station was licensed by the government under the call letters 9 ACM, with a power of one kilowatt. The radio club consisted of about half dozen boys under the sponsorship of the school principal. This was the romantic and magical era of the latest discovery - WIRELESS TELEGRAPHY.

Not many books regarding the building of equipment could be found in the public library, so a great deal had to be learned through trial and error. Much of the equipment had to be built from parts obtainable by mail order. The club was not to be denied success, and one winter's night NAA at Arlington, Va., was heard clearly 25 feet away with the earphones lying on the table. Many hours were spent in the attic of the high school building, where the station was located, contacting other amateurs in Ohio, Pennsylvania and New York states after the commercial stations went off the air at 10:00 o'clock.

In 1918, all amateur stations were shut down by the government when we went to war with Germany, and 9ACM became a victim of the order.



Our photo shows the station at the height of its operation in 1918. It was among the first to make use of the new DeForest audion detector tube with two filaments. The only remaining gear of the station is the transformer on the far right of the photo, which weighs 67 pounds, now in the Tippecanoe County Historical Museum in Lafayette, Indiana, and the DeForest audion tube, with one filament still good, in the possession of Mr. Jerry Raffensperger, of Illinois.

MAGNAVOX

THIS BULLETIN needs your help. Please contribute news items, ads, articles, and old advertisements that need not be returned. Send material to the editor.

Atwater Kent Line Unveiled for Press

THE Atwater Kent Radio Corporation is again in business. They plan to produce stereo equipment using only the finest components. Distribution of merchandise should begin this month in the eastern United States.

Wm. D. Goldberg will head the new Atwater Kent Radio Corp. Mr. Goldberg has been in the business for over 30 years with such companies as Morse Electro Products, Olympic, CBS and Stromberg Carlson.

Many radio stations are including old time radio programs in their schedules. Consult your local newspaper or call the radio station for information. In Indiana WSMJ FM - 99.5 (Greenfield) and WASK FM - 105.3 (Lafayette), WASK AM 1490 (Lafayette), are broadcasting old time radio.

PUBLICATIONS

Jim Fred, Secretary of the IHRS, is writing a series of articles for the "Elementary Electronics" magazine entitled Antique Radio Corner.

The following books are available from Jim Fred, R1, Box 28, Cutler, IN 46920: Vintage Radio by Morgan E. McMahon (soft bound) \$4.95, Vintage Radio (hard bound) \$6.95, Radio Collectors Guide (soft bound) by Morgan E. McMahon \$3.95. Indiana Residents add 4% sales tax.

WANT TO MEET SOME OLD-TIMERS ?

Send for Vintage Radio, the 1887-1929 pictorial history of wireless and radio. 263 pages, 1000 photos.

Collectors: McMahon's 1921-1932 Radio Guide is a must! Over 50,000 facts.





GREBE

Broadcast Receiver

Doctor Mu

In the 1920's, the A. H. Grebe & Company provided an interesting twist to their advertisements. Listed below are some of the famous quotes that helped guide readers in the selection of a Grebe radio:

"Fame is the follower of reality." Yu Tse. The new Grebe Broadcast Receiver earns great fame through superior performance. Doctor Mu.

"Dimensions are limitless; time is endless." Chuang Tzu- The wise man conquers the barriers of time and space with the new Grebe. Doctor Mu.

"Music and Beauty make life pleasant." Yang Chu. The new Grebe Broadcast Receiver delights both ear and eye—Doctor Mu.

A Journey of a thousand miles, "said Lao Tzu, 'begins with a single step!'
"Let a Grebe Receiver be the first step of your radio-journey—lest you be compelled to return and start anew."

A man without thought for the future must soon have present sorrow—Think of the coming clear cold nights and buy that Grebe Receiver now! Doctor Mu.

"He who wants to know the road through the mountains must ask the experienced traveler."

In seeking the right path in Radio, let Grebe be your guide. Doctor Mu.

A. H. GREBE & CO., Inc.

Van Wyck Blvd., Richmond Hill, N.Y.

Western Branch: 451 East 3rd Street,
Los Angeles, Cal.

MARCH 1925

Oh, Boy!



You Can Have This Radio Set

Here's a Crosley one-tube Armstrong Regenerative Radio Receiver. Gets distant stations and interference is easily eliminated.

You can get this splendid set by building up a route of regular customers to whom you will deliver a copy of *Woman's Home Companion* or *The American Magazine* each month, or a copy of *Collier's*, *The National Weekly*, each week. Just think of the pleasure you will have with this set by doing just a little extra work after school hours. And to top it all, you get a cash commission on each sale you make.

Thousands of boys have been made happy with the rewards they have earned by our plan. Don't you want to be one of these happy fellows? I'll tell you how.

Write me to-night

Jim Thayer

The Crowell Publishing Company

Dept. W

Springfield, Ohio

FRIENDLY EXCHANGE

WANTED - pre-1940 car radios. I have vibrators and tubes for most old car radios. James Fred, R 1, Cutler, IN 46920.

WANTED - E. H. Scott and other "Classic" Radios. Also want literature pertaining to same. Don Johnston, RR 1, Box 218-A, Windfall, IN 46076.

FOR SALE OR TRADE - Zenith Super VII parts. Jim Thomas, 915 South Washington Street, Kokomo, IN 46901.

WANTED - RCA (DA) and Crosley phones. E. E. Taylor, 245 N. Oakland Ave. Indianapolis, IN 46201.

WANTED - Name plate for inside lid of Kennedy 281. Also need parts for Michigan MRC-2 (pg. 128, Vintage Radio, new edition). Ross Smith, 1133 Strong St., Elkhart, IN 46514.

TRADE - New in (faded) box - Antenna coils (6) for a Pilot Super Wasp Kit, Range 14 to 500 meters. Wanted-Main tuning dial for RA section of the RA/DA. Joseph P. Benne, 494 Hirseh Avenue, Calumet City, IL 60409.

TRADE - Ak 10-B, completely restored to original condition and operating beautifully. Part No. 4560, Warranty No. J2324. Want - AK No. 5, breadboard, part No. 4275. Want - AK No. 9, part No. 4445. Will trade splitdorf R-500 in original operating condition, cabinet almost mint, all parts original. No tubes swapped, yours or mine. Pictures traded before deal is firmed up. John Noble, 3608 Neyrey Drive, Metairie, LA 70002.

WANTED - Crosley Model 52. Gary A. Vierk, 2505 Kickapoo Drive, Lafayette, IN 47905.

WANTED - Crosley Pup. Glen Rogers, 1005 So. 18th St., Lafayette, IN 47905.

Advertising is free to all members.
Send ads to the Society Editor.

Advertisements for the next issue
must be received not later than
September 25th.

WATCH THOSE AK BOARDS

THESE Boards are made of one-piece hardwood stock and are susceptible to warping. It is important that the board be placed on something very flat, otherwise it will tend to take the contour of the shelving it is sitting on. If warping has already occurred place the board on a flat surface and it will straighten up again.

Gary A. Vierk

The Century Wonder--Instructions

GROUND—Get a single strand wire, attach one end to clip marked ground by pressing top lever of clip and in setting wire thru loop. Connect other end of wire securely to water pipe or radiator, be sure surface is clean.

ANTENNA or AERIAL—Use another single strand wire, attach one end to clip marked antenna and attach other end to bed springs (about 25 feet) or to outside aerial.

How to make Aerial. Take 100 feet 7 strand copper wire, to each end attach 1 insulator, then fasten 1 foot of hay-wire to each insulator. You can attach this wire from your chimney to a tree or post in ally or run it on house-top from end to end.

Be Sure All Connections are SOLID and CLEAN.

Tuning Coil. Leave coil as it is. Move cat-wisker slowly over crystal from 1 side to other, if not loud enough, slip leather-loop down and spread coils slowly apart.

Be sure cats wisker touches crystal firmly. Adjustment may be made by moving antenna clip slowly to left or right.

Connect phone points to the 2 clips marked phones.

This set is guaranteed to give perfect results if instructions are followed. If for any reason you do not get perfect results, return it to your dealer and it will be replaced.

Steel constructed buildings require an outside aerial to obtain satisfactory results.

FRANK S. KOHN CO.

506 West 45th. Street

CHICAGO, ILL.

The Receiver

famous thru Performance

LOEWE RADIO IN A "BOTTLE"

by

Robert G. Middleton

THE LOEWE multiplex valve, shown in Fig. 1, was practically a radio in a "bottle". It was manufactured in 1924, and consisted of a triple triode with resistors and capacitors, all internally wired to form a detector and two-step RC-coupled audio amplifier arrangement. The only external components were a tuner and batteries. Fig. 2 shows the appearance of the Loewe tube plugged into its tuner. Honeycomb coils were used in a non-regenerative hookup. A 4-volt A battery, 90-volt B battery, and 1.5-volt C battery were utilized. Plate detection was employed, with no grid capacitor or grid-leak resistance. The 1.5-volt C biased the detector grid for optimum plate-detector action. A 6-volt C battery was also used in the second audio stage to bias the grid of the output tube section. Although other manufacturers, such as Van Horne/Musselman manufactured triple triodes in the era, Loewe was the only manufacturer of the radio in a "bottle".

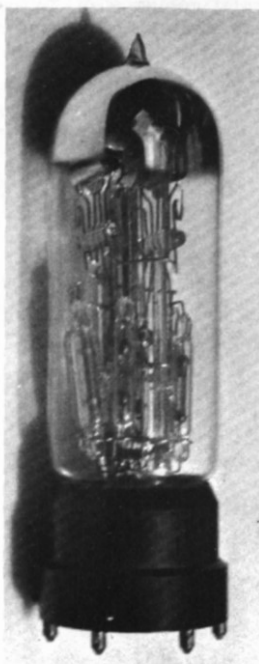


Fig. 1

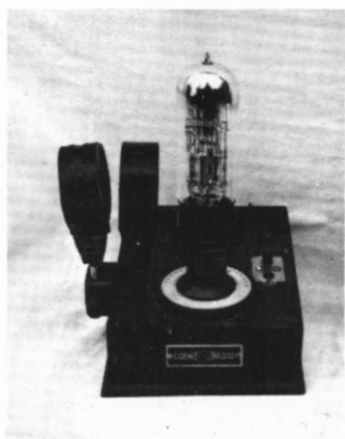


Fig. 2

OFFICERS

President	ROSS SMITH, 1133 Strong Avenue, Elkhart, IN 46514
Vice President	JIM THOMAS, 915 So. Washington Street, Kokomo, IN 46901
Secretary	JIM FRED, Rural Route 1, Box 28, Cutler, IN 46920
Treasurer	E. E. TAYLOR, 245 N. Oakland Ave., Indianapolis, IN 46201
Historian	MARSHALL HOWENSTEIN, 807 Elm Drive, W. Lafayette, IN 47906
Editor	GARY A. VIERK, 2505 Kickapoo Drive, Lafayette, IN 47905

The INDIANA HISTORICAL RADIO SOCIETY has a minimum of four meetings each year. These meetings are held at various locations throughout the State of Indiana. All members are invited to participate. Guests are Welcome.



NOTICES

CORRESPONDENCE requires SASE.

Membership applications available upon request.

IHRS Constitutions available upon request.

IHRS Stationery available from Ross Smith at \$2.25 per 50 sheets. Good quality bonded paper used.

IHRS Museum photos available from Ross Smith at \$1.00 each for B&W 5x7 or \$1.75 each for B&W 8x10. The entire set includes 16 photos. 50% discount for Museum exhibitors.

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() USER () AGENT () DEALER

Name

Address



"Coast to Coast"
reception
verified by Miraco Users



FEBRUARY, 1925

Every Miraco user is an enthusiastic booster—these letters are typical of the many we receive.

Maryland Hears Europe

During International Radio Week I received European stations several times upon my Miraco. Who wouldn't be satisfied with results like this?—Jos. E. Cook, Owings Mills, Md.

California Hears East Coast

Miraco works fine. Last night I got Cuba on loud speaker. I also pick up East Coast programs in spite of local interference.—Clinton Elliott, Long Beach, California.

Illinois Hears London

Miraco operates wonderfully. Thursday night I heard the program from the Hotel Savoy, London, for about 35 minutes.—Carl Mackey, White Heath, Ill.

Bermuda Hears California

On my Miraco I have received KGO at Oakland, Cal., a distance of over 3,000 miles in last four weeks. Also have received five stations about 2000 miles away and about twenty over 1,000 miles away.—I. O. L. Spurling, Spanish Pt., Bermuda.

Nevada Hears Cuba

Am able to get all Eastern Coast stations with my Miraco as well as Havana, Cuba and Mexico City. Also all Canadian stations. Had Havana loud enough to broadcast same over telephone a distance of 300 miles.—A. A. Ewing, Rox, Nevada.

Vermont Hears Mexico

I have received stations as far as Mexico City, Mexico, Calgary, Canada, Cuba and Texas on my Miraco.—A. V. Little, Vergennes, Vt.

Mass. Hears Belgium

Nov. 27th at 11:35 P. M. I heard 2LO London, England on the Miraco. Nov. 29th at 11:40 P. M. heard 8BR, Brussels, Belgium. You can't get a better set for the money.—M. J. Discoe, Pittsfield, Mass.



All the Proof you want is waiting for You!