

Indiana Historical Radio Society  
**BULLETIN**

VOLUME 17

DEC. 1988

NUMBER 4





**Preservation For Posterity**  
 245 N. Oakland Ave., Indianapolis, IN 46201

## 1988 OFFICERS

**PRESIDENT**

Eric von Grimmenstein.....  
 (317) 849-0563

**IHRS Business, Activities, Publicity**

9318 Seascape Dr.  
 Indianapolis, IN 46256

**VICE PRESIDENT**

John Foell  
 (219) 637-9501

**Legal Matters**

7083 C. R. 11A  
 Auburn, IN 46706

**SECRETARY**

Charles Saxton.....  
 (317) 291-5664

**Correspondence, Applications**

5532 W. 25th St.  
 Indianapolis, IN 46224

**TREASURER**

Marilyn B. Johnston.....  
 (317) 945-7735

**Dues, Financial, Address Change**

R. 1, Box 218-A  
 Windfall, IN 46076

**HISTORIAN**

Dr. Ed Taylor.....  
 (317) 638-1641

**Donations, Scrapbook Material**

245 N. Oakland Ave.  
 Indianapolis, IN 46201

**EDITOR**

Jim Fred.....  
 (317) 268-2214

**News, Articles, RADIOADS**

R. 1, Box 41  
 Cutler, IN 46920

IHRS is a NON-PROFIT organization which was founded in 1971. Annual membership dues are \$8.00 which includes first class quarterly IHRS Bulletin. RADIOADS are free to all members.

•• PLEASE ••

**Send a stamped, self-addressed envelope  
 when requesting information.**

# News for Members

\* \* \* AWARD \* \* \*

Long-time IHRS member Robert E. Lozier of Monroe, N. C. presented a paper, with slide illustrations, on "Collecting and Radio Development in Italy" at the 1988 Antique Wireless Association conference in Canandaigua, N.Y.

Robert was the recipient of the prestigious 1988 Houck Award for Historic Preservation at the AWA grand banquet. Congratulations Robert.

THE REPRODUCER, journal of the Vintage Radio & Phonograph Society (VRPS) is alive and well again.

For information on this active group, dedicated to the historical preservation of early wireless and phonograph, please send a SASE to: VRPS, P. O. Box 165345, Irving, TX 75016. Dues are \$13.50/yr.

**FRONT COVER:** French, 1930, highly stylized Phillips radio ad with Father Christmas carrying a basket of art-deco radios. Freely translated "Not a Beautiful Christmas Without Radio".

# **IHRS RADIO EXHIBIT**

## **CLEAN UP DAY**

On Saturday, August 27, 1988 a crew of IHRS members and Auburn-Cord-Dusenbergl Museum helpers participated in a general "clean up" of the IHRS Radio Room at the ACD Museum in Auburn, IN. Over the past year, the ACD Museum has undergone major renovations in the physical plant including the installation of a new air conditioning system. This work resulted in moving the radio displays to accommodate the construction and the accumulation of dust, etc., inside the display cases. A hardy crew of workers took a little more than three hours to "put things right" again. Workers included Preston Young, Herman Zeps, Jim Heller, Del and Helen Barrett, John and Katie Foell (all IHRS), Frank Bueker (ACD Museum) and, as members of both organizations, Ross and Wava Smith and George Capen.

During this work session the 1936 Scott All-Wave Imperial donated to the museum exhibit by Jack and Lynn Bickhard of Antwerp, OH was installed and played.

Tuesday, September 6, 1988  
The Vidette-Messenger

## **JORJA HERSHMAN**

Valparaiso, Indiana — Jorja A. Hershman, 38, of Valparaiso, died Monday, September 5, at Porter Memorial Hospital.

She was born May 26, 1950 in South Haven, MI, a daughter of Warren and Nelda (Spencer) Hoyt, Mrs. Hershman graduated from L. C. Mohr High School, South Haven, MI in 1968. She was Manager of Audio Junction, Curator of Wilbur Cummins Museum of Electronics, and was active in the Valparaiso Tech Alumni Association. Mrs. Hershman was a Meals on Wheels Volunteer.

On May 17, 1980, on the Campus of Valparaiso Technical Institute, she married Arthur L. Hershman, who survives. Also surviving are her parents, a brother, Kenneth, and a sister, Nancy Yates, all of Michigan.

\*\*\*\*\*

It is very sad, but all of us who knew Jorja are relieved that her suffering is over. We will miss her sunny, effervescent personality. Even when Jorja was in pain, she set a remarkable example of vivacity and she was a superb hostess to our club when the meetings were held at Valparaiso Technical Institute.

Arthur, your many friends in IHRS extend their condolences and prayers. We will never forget her.

Memorials may be made to the Immanuel Lutheran Church or to Wing 2 West at Porter Memorial Hospital.

\*\*\*\*\*

Flowers were sent from "IHRS Friends".

December 1988

Dear IHRS Members and Friends,

If I had the responsibility for compiling and mailing the IHRS Bulletin four times a year, I would jump off my barn roof! And many of you know how tall it is. So, Jim, this is my contribution to the Bulletin!

Since I am incapable of coming up with an article of interest on wireless or receivers for our Bulletin, I'll share what I feel comfortable with -- just a short visit with you about your radio society.

Many of you are unable to travel the distance required to attend our meetings here in Indiana -- but you sure would be welcome if you're ever able to plan a visit to Mid-America. A new year is almost upon us. Try to schedule a portion of your 1989 vacation in Indiana and make it coincide with our Annual Spring meeting in Fort Wayne, May 5 and 6. Or, if you cannot make that meeting, watch the Quarterly Bulletins for our upcoming meetings. We have four Seasons and four Meetings. You pick the times.

Not all of you are aware of how much growth we have had in IHRS during 1988. You're about to find out! Right after this little visit with you, I'm sharing a list of the new members for the 1988 mailings. All of our neighboring states have submitted applications for membership but look at the new members from Ohio! I try to send a welcome to each new member. If I've missed you, let it be so stated right now -- WELCOME TO THE BEST RADIO CLUB OF ALL and I'm only slightly partial. Ha.

I am asking our Editor, James A. Fred, a Charter Member, to enclose an Information Sheet and a Membership Application with your December Bulletin. Pass these on to a friend, neighbor,

relative or even an acquaintance that would be an asset to the club. Let us work together and try for one new member per week in 1989. I'll be looking for the applications in the mail.

As your Treasurer, I work for you, and for the benefit and growth of IHRS. If at any time you have a correction or amendment to the form of address on your mailing envelope, please let me know. Would you like your Ham Call added? Would you prefer to be addressed by your nickname? Check the spelling we are using. (I have a problem with some of the handwriting.) I make mistakes and find it very difficult to proofread my own work. The way I can improve IHRS' image and promote growth is to do the very best bookkeeping and communication job possible. Help me to help you and IHRS. Let me hear from you.

I'm about ready to close this non-technical article.

If you know of someone in the society that is ill, please let me know. When you make an outstanding buy or trade, let me know. If you just received recognition for one of your hobbies or specialties, please share it with your friends. Give me the gist of what you want to say and I'll do my best to put it together for our Bulletin. And, don't forget to send your ads.

I'll be looking for your NEWS and your DUES.

Happy, Healthy Holidays to YOU and YOURS.



NEW IHRS MEMBERS FOR 1988  
(state is not shown for Indiana members)

Billy J. Arnold, Petersburg  
John B. August, FPO San Francisco CA  
Scott Badders, Fort Wayne  
Leonard Baxter II, Greentown  
John Bok, Zeeland MI

NEW IHRS MEMBERS FOR 1988 (continued)

Frederick R. Butt, Syracuse  
Alice and Lewis Coe, Crown Point  
James A. DiRuzza, Dayton OH  
Darren S. Duncan, Needham  
Neil Dunder, Cicero  
Howard V. Eicher, Spencerville  
George A. Freeman, Madison  
Edward P. Gardner Jr., Stratford CT  
Luther E. Hall, Indianapolis  
Charles S. Hart, Eaton OH  
James L. Heller, Auburn  
Pauline and Robert W. Hoke, Galena OH  
John G. Johnson, South Pekin IL  
Kenneth S. Kenaga, Midland MI  
Wayne King, Lawrenceburg KY  
George Raymond Kosch, Marblehead OH  
Russ Lawrence St., Indianaapolis  
Roger A. Loucks, Elkhart  
David G. Mantor, Anderson  
Kenneth B. Miller, Pittsburgh PA  
Kim E. Mills, Indianapolis  
Kenneth W. Nightenhelser, Arcadia  
Michael Norman, Lake Station  
John D. O'Connor, Indianapolis  
Dave Palmer, Lexington KY  
William V. Pataki, Newburgh  
Harry Poster, South Hackensack NJ  
Grady Richards, Cincinnati OH  
Michael S. Sabodish Sr., Cliffwood NJ  
Richard E. Sage, Aledo IL  
Norman Sandbach, Long Branch NJ  
Walter N. Smith, LaPorte  
Charles S. Stinger, Hamilton OH  
Allan Stockall, Indianapolis  
Bruce Tanner, Okemos MI  
Fred Terhaar, Okeana OH  
William M. Wade Jr., Prospect Park PA

NEW IHRS MEMBERS FOR 1989

Sandy and Les Freed, Lafayette  
Mark W. Greenia, Sacramento CA  
Maurice A. Hill, Dayton OH  
Bengt Svensson, Skaerholmen, SWEDEN



# Museum Fund Gift

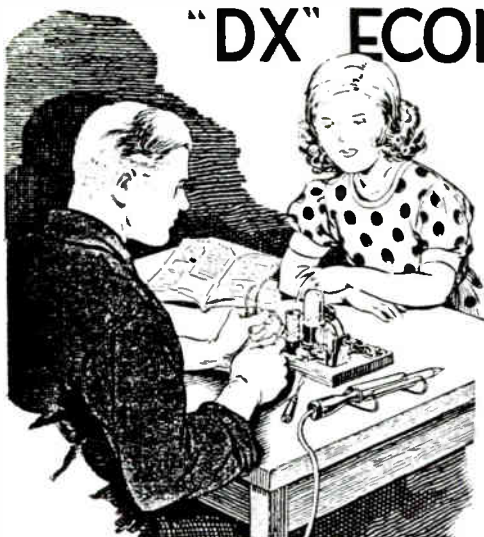
The following items are a gift to IHRS from the Smith Frye estate by Mrs. Frye of Elkhart. If interested write or call Ross Smith, 1133 Strong Ave., Elkhart, IN 46514, 219-295-7770. Pick-up only or will bring pre-paid items to the next IHRS Meet.

1. Scott post-war AM-FM 15 tube tuner (some crazed spots on chrome) and No. 10993 amplifier and power supply with 12 tubes. Includes Scott record changer in drawer but no cabinet and no speaker (Don Johnston has Scott speakers). Has current FM band. \$90.00
2. Collins FM Stereo Tuner with eye 15.00
3. Harman-Kardon Citation ILI-X AM-FM Tuner with 12 tubes 15.00
4. Eico Model HF-60 Ultra-Linear power amplifier with five tubes 20.00
5. Eico Model HF-61 Hi-Fi master audio control 2.00
6. Heathkit Model AC-11 chanel separator 2.00
7. Heathkit Model XO-1 cross-over, Elect. 2.00
8. Heathkit Model RF Signal Generator 5.00
9. Heathkit Model V-7A VTVM 5.00
10. Old tube tester for 4 & 5 prong tubes with Jewel Meter (modified) 5.00
11. Jensen RP-10S 16  $\Omega$  Horn Tweeter 5.00

Please make checks payable to IHRS

# "DX" ECONOMY SPECIAL

By Stanley Johnson, W9LBV



FOR THE beginner who wants to graduate from the crystal set stage, or the radio experimenter who enjoys DX-ing with a simple broadcast receiver, this one-tube "Economy Special" has a host of interesting features. Designed in breadboard fashion for easy construction, it has unusual "DX" (distance getting) ability with good headphone volume.

No A-battery is required, as the type 117N7-GT tube operates directly off the 110-volt a.c. or d.c. power line. Another feature is the 30c 4½-volt "C" battery which serves as a B-battery to provide ample power, thanks to the effectiveness of a screen grid regenerative detector circuit. Drain is so low that this battery should last about 6 months with ordinary usage.

All parts, including the tube and battery, less headphones cost only about \$4.50 even at the slightly advanced prices quoted in the new fall catalogs issued by the large mail order radio parts houses. The wood base is detailed in Fig. 1 and the location of the various parts indicated. Sand the board smooth and bevel the top edge slightly for a neat effect. Each part is mounted with short wood screws except the variable condenser. A hole is drilled through the board and countersunk on the underside for a 6-32 machine screw to mount this condenser. The antenna and ground binding post strip is raised to clear the board by means of washers or short bushings through which the wood screws are inserted. An Eby octal socket mounts directly on the baseboard. Photos A, B, C and D

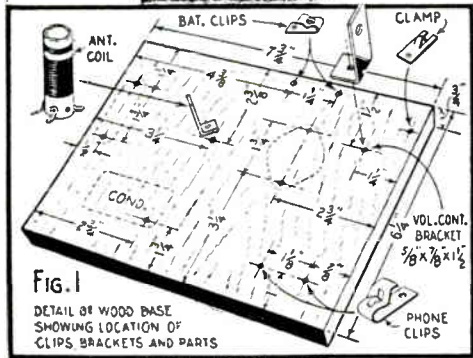
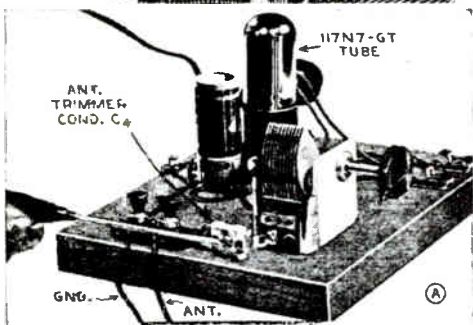
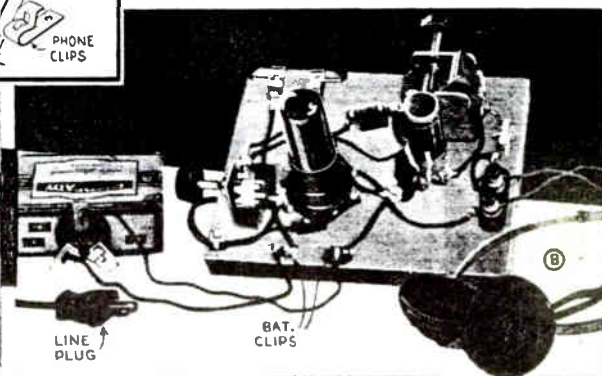
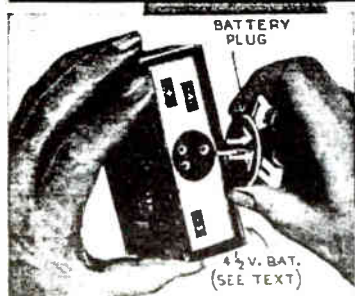


Fig. 1

DETAIL OF WOOD BASE SHOWING LOCATION OF CLIPS BRACKETS AND PARTS

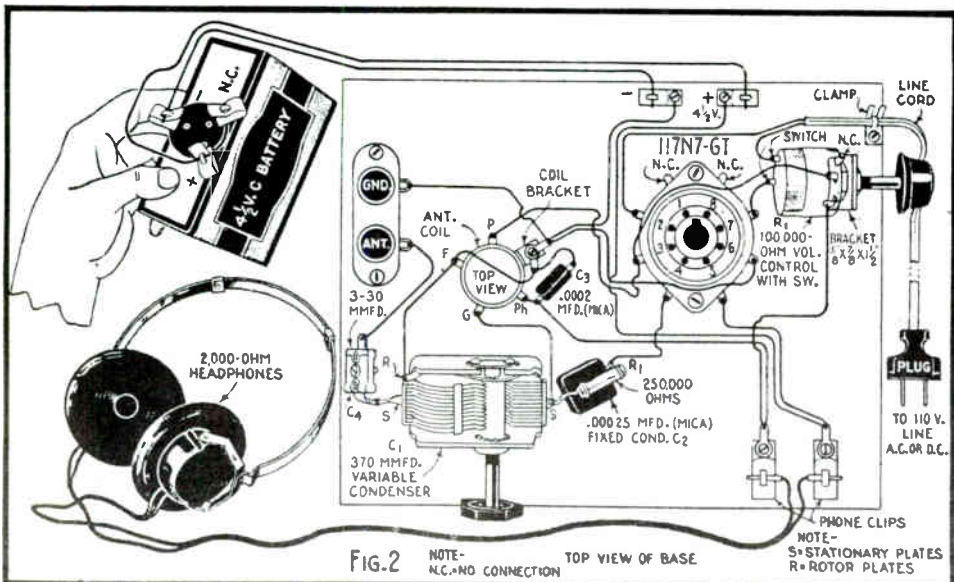
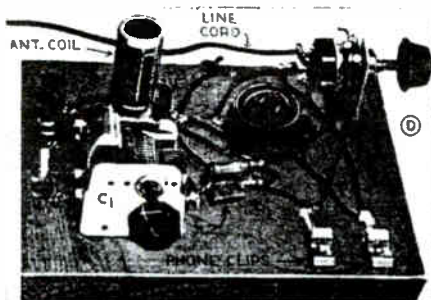


# for BEGINNERS

show various views of the assembly, and all connections are clearly indicated in the simplified wiring diagram Fig. 2, which is a top view of the baseboard. It will be noted that the frame of the tuning condenser ( $C_1$ ) is common with the rotor plates  $R$ ; terminal lugs ( $S$ ) for the insulated stationary plates will be found on both sides of the condenser.

The antenna coil may be any low impedance solenoid single layer wound type, for a 370 or 365 mmfd. tuning condenser; do not use a high impedance type. This coil consists of two windings, one large and one small, as indicated in the schematic circuit diagram Fig. 3. The coil terminal connections shown in diagram Fig. 2 at  $F$  and  $G$  are for the ends of the large winding in the particular coil used in the model. Some coil manufacturers locate the terminals in a different sequence, therefore be sure to trace yours out and connect them accordingly. Either end of the large winding may be used for the ground end: in other words, the ( $F$ ) end which is to be connected to the soldering lug under the coil mounting-bracket screw. The "tickler" or small winding terminals are  $P$  and  $PH$ , and should be connected to the leads shown although the small coil terminals

(Continued to page 182)

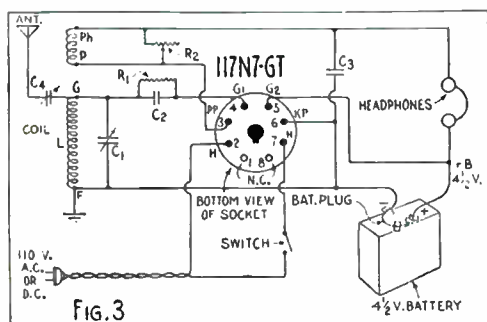


# "DX" Economy Special Receiver

(Continued from page 137)

may be in a different location on your particular antenna coil.

It will be noted that the power cord is secured to the baseboard with the clip portion of a Fahnstock clip; or an insulated double pointed tack may be used for this purpose. This power cord should be kept as far as possible from the rest of the wiring, to eliminate hum pickup. Use No. 18 or 20 hookup wire with push-back insulation for all connections and solder each connection carefully with rosin-core solder. A detailed list of materials is available from Popular Mechanics radio department without charge if desired.



When all wiring is completed, check your connections carefully with diagrams Figs. 2 and 3. To place the set in operation, connect the antenna and ground and insert the battery plug as indicated in the photo B. A 15-foot indoor antenna will do for local reception, however, for "DX" it will be necessary to use a long outdoor antenna. The ground connection should be made to a clamp on a cold water pipe if possible. Now, with the headphones on, snap on the switch and wait a moment for the tube to heat up. Then, with the volume control advanced, turn the variable condenser ( $C_1$ ) until you hear a whistle. Finally, retard the volume control until the whistle stops and the station is clear. Adjust trimmer condenser ( $C_4$ ) with a small screwdriver as indicated in photo A for best results with the particular antenna you are using. It will be found in most cases that it should be turned completely shut for greatest volume. In case no whistle is heard, and stations cannot be tuned in, merely reverse the connections P and PH on the small "tickler" coil. The blueprint number for this article is R-296.

## Joseph F. Riley

ATTICA — Joseph Franklin Riley, 81, 1005 Summit St., Attica, and 3810 S. Mission Hills Road, Northbrook, Ill., died at 10 p.m. Thursday, Sept. 8, 1988, at St. Elizabeth Hospital, Lafayette, following a one year illness.

He was born Feb. 20, 1907, in Attica, the son of Everett Joseph and Lula Benamire Riley. He was married Nov. 21, 1942, in Chicago, to Helen L. Kerger, who survives.

He graduated from Attica High School in 1925. He was a beekeeper and inspector of bee colonies for the state of Indiana after his graduation. He enjoyed flying planes and helicopters. During World War II, he served with the O.S.S. under the U.S. Navy department and taught primary flying to Naval cadets at Glenview Naval Air Station.

Most modern-day portable military communication equipment was of his design. In 1928, he went to South Bend as chief engineer for the Colin Kennedy Corp. In 1936, he went to Chicago and became president of the Howard Radio Corp. In 1945, he started the Cabinet Craft of Attica. Later he founded the Radio Materials Corporation in Chicago and then built a plant in Attica in 1948.

R.M.C. is the first privately owned company to install rooftop heli-ports. He was the first person to fly helicopters with news photographers to cover the Indianapolis 500 race.

In 1957, R.M.C. merged with P.R. Mallory Company and he became the principle officer and director of that company. In 1978, Riley and his wife repurchased R.M.C. from P.R. Mallory Company and independently operated it for the past 10 years. He retired in August of 1987. He loved gardening and raised hybrid orchids in his greenhouse.

## **IHRS RADIO DISPLAY at the MISHAWAKA PUBLIC LIBRARY**

When Don Myers placed a radio display in his home town library at Plymouth, the word spread and he was invited to place a display in the Mishawaka Library, home town of the Lyradion. Don, with the help of his wife Sylvia and Ross Smith, dressed the window with 24 radios and associated equipment. Radios for the display were loaned by Don Myers, Mike Feldt, Jim Fred, Del Barrett and Ross Smith. Radios will be on display for the months of November and December. Many good comments and requests for IHRS memberships have come from observers.

“GOLDEN DAYS OF RADIO” (Left to Right)

TOP ROW: Sparton Blue Mirror and Radiola 16 with Radiola 103 Speaker.

SECOND ROW: Crosley 50 with phones and a 1917 Navy Loose Coupler.

THIRD ROW: Meck Pacemaker, Atwater Kent 84 Cathedral, Crosley Plastic, Emerson Pocket Portable, 1939 Sparton with push buttons, Zenith Golden Triangle, 1932 Kennedy Cathedral.

FOURTH ROW: Lyradion Portable, Philco Portable, Grebe Synchronphase, Radiola Senior, Lyradion 4-tube chassis and Capehart ITT International Portable.

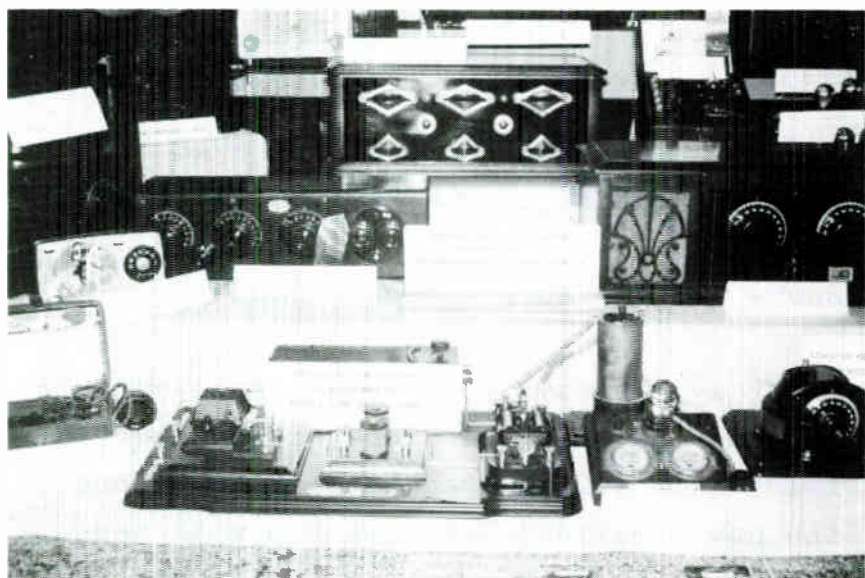
FIFTH ROW: M-W Hopalong Cassidy, Atwater Kent 20, Diamond T & Philco Mantel Clock.

BOTTOM ROW: 1890 Weston Voltmeter, WW-1 Transceiver spark set, Replica of Marconi Coherer Circuit, Sterling Tube Tester, Atwater Kent 3955 Board & Horn Speaker.

Area radios included the Lyradions from Mishawaka, Kennedy and Diamond T from South Bend, ITT Capehart from Fort Wayne and John Meck from Plymouth. The Meck Pacemaker was the first production model radio to be produced following WW-II.

R. S.





# ANNOUNCEMENT!

ANNUAL INDIANAPOLIS MID-WINTER SWAP MEET  
AND FLEA MARKET OF OLD RADIOS & ARTIFACTS

*Buy - Sell - Trade - Swap - Admire - Drool*

Saturday, February 18, 1989 (mark your 1989 calendar NOW) at the Sheraton Northeast, I-465 Exit #42 and Pendleton Pike. (Note the new location) See brochure with map.

- 9:00 AM EST Free coffee & donuts for early arrivals.  
Set-up tables are supplied.  
Favorite radio contest with judging by popular vote.
- 12:00 Noon Luncheon will be served for \$4.75 including tip & tax.
- 1:00 PM Short business meeting.

If you were at Bob Shuck's auction, this is an opportunity to see yourself on video.

We have arranged *SPECIAL* IHRS overnight rates of \$35.00, for 1 to 4 persons in a room, at the Sheraton. Mention your IHRS membership when you register for the room.





### **Indiana Radio Firsts**

**First radio station: WSBT — Started in 1921 by the South Bend Tribune.**

**First campus radio station: WBAA — Begun in 1922 at Purdue University.**

**First cities to have FM radio stations: Elkhart, Terre Haute, New Castle and Muncie, all in 1947.**

**First (and only) radio station operated by prison inmates: WIRP at Pendleton (call letters come from the institution and town — Indiana Reformatory, Pendleton)**

**First radio station to broadcast the Indiana State High School basketball tournament finals — WOWO, Fort Wayne in 1924.**

**First police department in Indiana (and third in the world) to get a radio license — Indianapolis Police Department in 1928, although it didn't go on the air until 1935.**

**First push-button automobile radio — Produced in 1938 by Delco Radio Division of General Motors Corp. in Kokomo. (Delco at Kokomo also produced the first all-transistor car radio in 1957.)**

**Source: *The Indiana Book of Records, Firsts and Fascinating Facts***

# From The Mailbag

The YEARY Communications Catalog is now FREE to IHRS members. Mr. Yeary is a new member and his catalog contains many items of interest to radio collectors, and experiments. Write to: Yeary Communications, 12922 Harbor Blvd., No. 800 Garden Grove, CA 92640.

FOR SALE: You pick up, no shipping. Item 1, Scott Deluxe All Wave radio, Serial 131, chasis, power amplifier, Auditorium speaker, with tubes, and short-wave antenna tuner, all for \$175.00. Item 2, 1938 Hallicrafters Sky Buddy receiver, nickle silver dial on left side, works well, \$75.00. Write or phone John J. Shafer, 602 N. Tanglewood, Springfield, OH 45504. Phone: 513-399-8605.



## Early Communications exhibit

What may be one of the finest public exhibits of early telegraph and telephone instruments in Indiana is on display in the south window of the County Office Building at Third and Columbia.

These old instruments are part of a collection belonging to Glenn E. Rogers and me. Both of us are charter members of the Indiana Historical Radio Society, as well as of the Tippecanoe County Historical Association.

The exhibit covers the era from the telegraph office of a railroad station, Western Union and Postal Telegraph offices, to the early commercial and house telephones.

A picture of Annie Ellsworth, 17, who gave Samuel F.B. Morse the first message to sent by wire from Washington, D.C. to Baltimore on May 24, 1844, may be seen. The message read: *What hath God wrought?* Her parents later moved to Lafayette. Pictures of Morse and Alexander Graham Bell, inventor of the telephone, also are shown.

The north half of the large window display is filled with wireless and early radio apparatus once used in amateur and commercial stations. The entire collection spans many years of collecting for the purpose of restoration and preservation of early instruments of communication, a hobby followed by many thousands throughout the world.

The public is invited to stop by and see the exhibit.

**Marshall Howenstein  
West Lafayette**

# RADIO ADS

**WANTED:** Someone to re-record from wire to cassette some prized family wire recordings. Write: Sally Herrolz, 2715 E. Ryan Dr., Indianapolis, IN 46220.

**FOR SALE:** 100,000 vacuum tubes, SASE for list. Karen, c/o Palmer Moe, # 320 Jodrschke Rd., Grass Valley, CA 95945.

**WANTED:** UV tube socket for WE 215A or VT5 tube, base of tube is 11/16 inch dia. Front panel components, ie, name plate, dials, dial plate, pointer, and latches for WE model 4B, 4C, or 4D. Early 30's "RCA-Cunningham tube manual. Tad Drogoski, 507 Coal Valley Rd., Jefferson Bora, PA 15025.

**WANTED:** Police Scanners, working or not, crystals, spare parts, service manuals, Sams Photofacts, anything Scanner related. **Especially** looking for a Bearcat "lil Tiger". Please send model number, asking price, and condition in first reply. Michael Sabodish Sr., 11-A Matawan Ave., Cliffwood, NJ 07721. All replies will be answered.

---

---

# Old radios part of Myers' life

IHRS member, Don Myers, recently had an outstanding display of 14 magnificent antique radios in the Plymouth, Indiana Public Library. They are all part of Myers' 130 archaic radio collectibles and test equipment which date back as early as 1918.

Some of the radios which were displayed at the library included a 1918 WW-1 communications receiver/transmitter which was used for the international code; a battery operated 1923 Atwater Kent, and a 1939 Emerson pocket radio.

Don Myers' radio "craze" began in his teenage years when he used to go around to neighboring farmers in the Culver area and repair radios. This is what initiated Myers into the radio repair and electronics career. One of Myers' first jobs was with the Temple Radio Corporation in Chicago, but after the great stock market crash, the ensuing depression brought him back to Indiana. He settled in Rochester, Indiana with his wife Sylvia, then to Plymouth, Indiana where he worked as service manager for Montgomery ward until WW-2. He then moved to the Bendix Corp. in South Bend, Indiana where he made electronic control systems for gun turrets on bombers for the war effort.

Soon he became acquainted with John Meck, owner of Meck Industries in Plymouth which was the first company to manufacture post-war radio receivers. Meck asked Myers to work for his new (1945) company. Myers eventually became the floor production superintendent.

A Meck Trail Blazer table radio and a Scott console radio are two prize items in the Myers collection.

Myers doesn't work on new radio equipment anymore, preferring to tinker with, repair and restore only the older models.

Courtesy of Plymouth, IN PILOT-NEWS

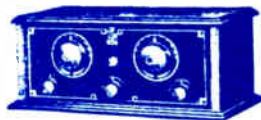
E. T.



## KING COLE Radio Products

*Insure  
Profitable Sales  
and  
Satisfied Customers*

King Cole  
Radio Receiver  
List, \$80.00



ANYLITE ELECTRIC COMPANY  
Fort Wayne, Indiana