

The  
Indiana  
Historical  
Radio Society

**BULLETIN**

Vol 35

September 2006

No 3

**Restoring a Basket Case RADAK page 12**



**also inside: Ligonier - the Musuem Meet  
Looking Forward to Greenfield page 7  
the Ted Rogers Collection page 9 and back cover  
Have You Read? page 8**



## Officers

Alex R. Whitaker President

2927 South East Street

Indianapolis, Indiana 46225

(317) 787-2854 e-mail: ehscott@sbcglobal.net

Dr. Michael Clark, Vice President

2482 Somerset Circle, Franklin, Indiana 46131

(317) 738-4649 email: ripmaclark@earthlink

Herman Gross, Treasurer

1705 Gordon Dr.

Kokomo, Indiana 46902

(765) 459-8308

email: hw12x12hrs@sbcglobal.net

Michael Feldt, Secretary

12035 Somerset Way, East

Carmel, Indiana 46033

(317) 844-0635 e-mail: feldt@msn.com

Editor Fred Prohl

3129 Lanam Ridge Road

Nashville, IN 47448

(812) 988-1761 email fprohl@att.net

Dr. Ed Taylor, Historian

245 North Oakland Avenue

Indianapolis, Indiana 46201-3360

(317) 638-1641

Fred Schultz

1246 Lincolnway South

Ligonier, Indiana 46767

(260) 894-3092 e-mail: olradio@ligtel.com

## Responsibilities

Activities, Business,

Administration, & Publicity

Sites and Dates of Meets

Applications and correspondence

Dues, Financial, and Address

Change. Please Notify

Immediately of Change of Address.

## NOTE

News Articles, Radio Ads, Photos  
for Bulletin publication

Donations & Scrapbook Material

IHRS Museum Curator

**Bulletin Deadlines:** News, Articles & Radio Ads, 2/15, 5/15, 8/15, 11/15

**IHRS Web site address:** [www.indianahistoricalradio.org](http://www.indianahistoricalradio.org)

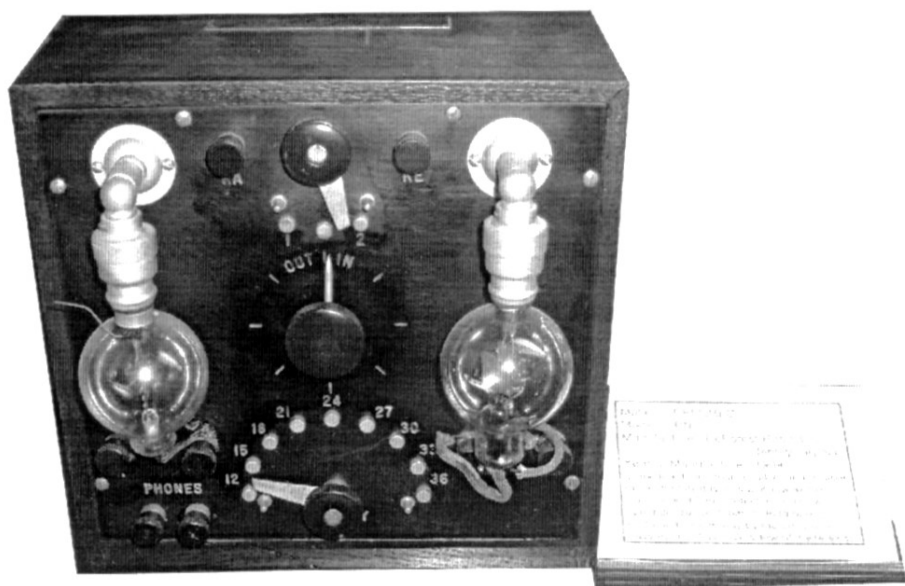
The INDIANA HISTORICAL RADIO SOCIETY is a non-profit organization founded in 1971. Annual membership dues of \$15.00/year or 2 years/\$25.00, includes the quarterly IHRS "BULLETIN." Radio-Ads are free to all members. Please include an S.A.S.E. when requesting information. Send applications for membership and renewals to Herman Gross, our treasurer as noted above.

## Indiana Historic Radio Museum – Report



Fred Schultz (left) talks with, Gene Hile (center) and Rick Kline at WNRL Ligonier. The two volunteer announcers broadcast news of the Indiana Historical Radio Society Meet in Ligonier for the duration of the event.

Approximately 100 visitors toured the Museum over Friday and Saturday of the meet.



On display at the Museum – a rare Deforest PN with two spherical audions. Picture – Ed Dupart

## From the President of IHRS

Greetings to all the membership of the IHRS. I hope you all have had a great summer, full of fantastic finds and rewarding restorations. Since my last message, we've gone through the summer radio meeting season, and have enjoyed the first Ligonier "Museum" Meeting. This will be my last "President's Message" to you, as I am stepping down as your IHRS President in October. Your current Vice President, Dr. Mike Clark, has agreed to take my place. Mike and I are swapping offices, with me taking over as Vice President. This swap is by no means confirmed until IHRS Officer elections are held at the Greenfield Meeting in October. Nominations are welcomed from the floor at the business meeting. So, if you want to serve your club, stand up and be recognized!

This was the first year that the summer meeting, previously held at High Dive Park in Elkhart, was moved to Ligonier. Ligonier is the home of the IHRS Museum, which gave the meeting the "Museum Meet" moniker. Weather was beautiful that Saturday, with temperatures dipping down into the upper 50's in the early morning....this was a welcome change from the 90's we had been suffering through. There were several vendors set up and selling early, with the meeting going into full swing sometime around 8am. There was room inside the Ligonier Community Center for the meeting to move inside in case of inclement weather. However, the day stayed beautiful and cool enough for everyone to enjoy the meet outside.

WNRL - FM, which stands for "West Noble Radio Ligonier", is located inside the Community Center. This low power FM station, founded by the late Marcella Schultz, along with her Dad, Fred Schultz, IHRS Museum Curator, broadcast music and interviews with radio collectors at the meet all morning. Some of the IHRS members interviewed included Fred Schultz, John DenHartigh, Pete Nauseda, and Mike Feldt. Former Club president Terry Garl graciously supplied the meet with his portable PA setup, and the broadcasts from WNRL were piped through it for the enjoyment of those in the parking lot.

The old equipment contest had several quality entrants in its two categories, which were "Tube - type Portables" and "Cost Me Less Than \$20." Some notables were a rare and unusual Pilot portable and a seldom seen Philco multi-band Transoceanic clone (I had never seen



one like it in almost 20 years of collecting). See elsewhere in the "Bulletin" for contest results and pictures.

One of the best parts of the old meeting in Elkhart was the pitch-in lunch. That tradition was carried over to Ligonier with a huge feast for IHRS members and vendors. There was so much food that all attendees were eventually allowed to enjoy lunch, after which there was still a lot left over. A special thanks goes to all the ladies that helped set up the luncheon and cleaned up afterwards.

The business meeting, which followed lunch, had a few items of new business. First, the IHRS dues structure will be adjusted slightly to compensate for increasing costs. The \$25 for two years offer will be dropped, and membership will be a flat \$15 a year. This will take effect on January 1, 2007. So, renew before the end of the year and save \$5 off a two year membership. Also discussed was the general success of the new Ligonier meeting. There were a few snafus, as could be expected, but none were serious. These will be planned for next year. All in all, we couldn't have asked for a much better meeting.

For the fourth or fifth time in the last two years, I have to announce the passing of another IHRS prominent member. Past IHRS President Robert "Bob" Shuck passed away on August 24 at the age of 73. Bob had been in poor health as of the last few years, and had not been seen at as many meetings as he had attended in the past. Bob and his wife, Inez (who survives him), were fixtures at every meet from the 1970s through the late 1990s. I believe that they were doing registration when I attended my first IHRS event, the 1989 winter meeting at the Holiday Inn in Beech Grove. Inez and Bob were always welcoming and friendly to new members and attendees at the meetings. Personally, he mentored me and several other young collectors when we first became active in the IHRS. Bob's patience, friendly demeanor, and huge knowledge of the hobby will always be remembered by those who knew him. He'll certainly be missed. The sympathies of the IHRS go to Inez and family. Look for his obituary in this issue.

I'd like to close with a special thanks to all the IHRS officers that I've had the privilege of serving with the last few years, and to the members of the club for their support. It's been a fun ride, and I look forward to continuing to serve as your Vice President. I'll see you all at the October meeting in Greenfield.

Alex

# **The Indiana Historical Radio Society**

## **2006 - 07 Meeting Schedule**

### **Fall Meet**

**Riley Park, Greenfield – October 7, 2006**

\* \* \* \* \*

### **2007 - Winter Meet - 2007**

**Hornet Park, Indianapolis – February 12, 2007**

### **2007 – Spring Meet – 2007**

**Johanning Civic Center, Kokomo – May 4-5, 2007**

## **Regional Organizations of Interest to Members**

**Mid South Antique Radio Club** For information contact George Freeman [jgfree@verizon.net](mailto:jgfree@verizon.net)

**Northland Antique Radio Club** [www.geocities.com/northland.geo](http://www.geocities.com/northland.geo)

**Antique Radio Club of Illinois** [www.antique-radios.org](http://www.antique-radios.org)

Next meeting – October 1, 2006, American Legion Hall,  
Carol Stream (Chicago West)

**Michigan Antique Radio Club** see [www.michiganantiqueradio.org](http://www.michiganantiqueradio.org)

Next meeting – November 4, 2006, County Fairground, Kalamazoo

### **AWA-Antique Wireless Association**

The original and largest historical radio group. Membership is \$20 per year. Write to: Antique Wireless Association, Inc.Box E, Breesport, NY 14816 [www.antiquewireless.org](http://www.antiquewireless.org)

### **Treasurer's Report – Ligonier, 2006**

Attendees: 80

Income :Registration \$130.00, Donations (Coffee/Auction) \$70.20

Expenses: Facility Rental (\$175.00,) Insurance (35.25)

TOTAL FOR MEET (\$10.05)

Memberships: New & renew. \$150.00

Total all of the above: \$139.95

IHRS bank balance. 22 Aug. '06: \$7258.75

Submitted by Herman Gross. IHRS Treasurer

## On Saturday, October 7 the Indiana Historical Radio Society will meet at the Riley Park Shelter, Greenfield

The Riley Park Shelter is located one block north of US 40 on Apple Street, Greenfield. Radio Swap space is available inside and outside the shelter building.

General admission is free. Swap N Sell vendor fee is \$5.00 for current members of the Indiana Historical Radio Society and \$10.00 for non-members.



### Schedule of events:

7:00 AM Set up Swap N Sell of vintage radio equipment. Set up is indoor or outdoor, first come first serve.

8:00 AM The IHRS Fall Foliage Meet officially begins

10:00 AM Enter contest items in the shelter for "Popular Vote Judging"

**Contest Categories:** 1 My favorite radio  
2 Commercial Amateur Radio Equipment

10:00 AM Silent auction entries in place in the shelter – bidding begins

11:00 AM Silent auction ends – buyers pay for items.

11:15 AM Contest Popular Vote closes and ballots counted

11:30 AM Pitch-In Lunch – Bring a dish to share.

Tables will be available for Vintage Radio Displays

An IHRS Business meeting will immediately follow the lunch

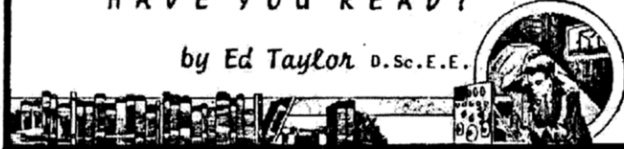
### Contacts for the IHRS Fall Greenfield Meet:

Glenn Fitch, 765-565-6911

Fred Prohl, (812) 988-1761 or email indianahistoricalradio@att.net

HAVE YOU READ?

by Ed Taylor D.Sc.E.E.



## Kenneth Strickfaden, Dr. Frankenstein's Electrician

**K**enneth

"Mr. Electric" Strickfaden,

innovative special effects genius, set the standard for Hollywood's mad scientists. Strickfaden created the science fiction apparatus in more than 100 motion picture films and television programs, from 1931's *Frankenstein* to the *Wizard of Oz* and *The Mask of Fu Manchu* to television's *The Munsters*.

From his birth in 1896 to his death in 1984, Strickfaden's life was filled with adventure. This book details it all, from his early years working in amusement parks, through his Hollywood days, to his lecture tours for science classes across North America. The book also discusses how later films show his influence. It reveals the fate of his collection of equipment, and is richly illustrated with photographs. Appendices provide a selection of notes, doodles, and scribbles from Strickfaden's notebooks, informal sketches, correspondence, documents, and a chronology of his film and television contributions.

Retired science teacher **HARRY GOLDMAN** founded the Tesla Coil Builders' Association and edited and published the *TCBA News* for 20 years. His work has appeared in *Filmfax*, *Radio Today*, *American West* and numerous other publications.

He lives in Queensbury, New York.

ISBN 0-7864-2064-2

McFarland & Company, Inc., Publishers  
Box 611, Jefferson, North Carolina 28640  
[www.mcfarlandpub.com](http://www.mcfarlandpub.com)

## Radio and Ted Rogers

I was born on a farm near Ridgeville, Indiana in 1922. I became interested in radio when I was about twelve years old. I would like to get old radios the neighbors discarded and try to figure out how they worked. When I was fourteen, I built my first radio. It was a one-tube short-wave set, and the first station I received on it was Rome, Italy. This was very exciting, and, from then on, I was hopelessly hooked on radio.



**Ted Rogers with a Slagle Radio**

After graduating from High School, I went to Fort Wayne to attend Indiana Technical College. My Dad had died when I was sixteen, and we were still in the Great Depression, so I had very little money (like everyone else!).

I got a part-time job in a radio repair shop, making fifty cents an hour. My boss was Vern Slagle. He formerly owned the Slagle Radio Company in Fort Wayne. They built some very good Slagle radios, but, like many other manufacturers in that era, went bankrupt during the Depression. He was unsuccessful in re-establishing a radio manufacturing operation, but he had one of the best radio repair shops in town. I worked my way through college making fifty cents an hour, and this was before the days of student loans, scholarships, etc. When WWII happened, I joined the army. I went through Signal Corps OCS and after getting my commission, was sent overseas to Italy. I was in the Army just short of four years, and, fortunately, came out unscathed.

After the war, I started my own one-man radio repair shop in Huntington, Indiana. I settled in Huntington because that's where my wife and two children were. They had lived with her brother and his wife while I was overseas. In a few years, this shop had grown to the point where I had several employees. We got into TV when it came along, and we also did a lot of two-way radio maintenance and sold and installed large sound systems.

In 1964, I had the opportunity to get into the manufacturing end of electronics. I found that this was where the real money was, and in 1970 I sold the retail part of the business and concentrated on manufacturing from then on. →



## Ted Rogers (continued)

The business started as Rogers Radio Shop, then became Rogers Radio and TV Company, and then was incorporated in 1969 as Rogers Electro-Matics, Inc. We were a contract manufacturer, building electronic controls for various manufacturers in diversified fields. We built mostly printed-circuit board assemblies.

I moved the business to Syracuse, Indiana in 1971. I built a new, state-of-the-art factory here and operated it until I was over seventy years old. I loved every minute of it. When I sold it in 1993, we had thirty-five employees and were grossing almost \$5 million a year. I sold it to an employee I had brought up through the ranks with this in mind. He is still operating the business on substantially the same basis, and doing quite well.



After retiring, I took up the hobby of collecting and restoring old radios, so I have come full circle. Many of the radios in my collections bring back memories of working on similar models when they were relatively new. I thoroughly enjoy every minute I spend on them. – Ted Rogers

*Editors note: I'm glad I accepted Ted's invitation to all attendees of the Ligonier Meet to see his collection. It is outstanding! The back page of this Bulletin displays just a sample of what Ted has accomplished with his hobby. All of his collection is showroom quality. On this page, as evidence to his attention to detail and dedication to do it right, we have included pictures of some of Ted's radio repair workspace. I think about my garage work bench and . . . . .*



## **We Remember**

**Serge Krause** Indiana Historical Radio Society Founding Member Serge L. Krauss passed away on Saturday, August 5, 2006. Born August 13, 1914 in Napoleon, Ohio, he graduated from Napoleon High School in 1932 and attended the Indiana Institute of Technology in Fort Wayne. As an electronics engineer, Serge worked for ten years with RCA where he designed a variety of audio facilities equipment for broadcasting stations, sound film recording equipment for Hollywood, theater sound equipment and electronic detection, guidance, and military communications equipment. He then worked for C. G. Conn Ltd., retiring in 1978. He helped Conn enter the electronic organ business, designing its components and earning numerous patents, including two for the well-known "Strobo-Conn" tuning devices. After his retirement, Serge was active in the Indiana Historical Radio Society (Vice President in 1975) and the Antique Wireless Association. He preserved a vast collection of wireless radio, telephonic and related equipment, in which he was an acknowledged and published expert.

\* \* \* \* \*

**Bob Schuck** Long time Indiana Historical Radio Society member Robert "Bob" Schuck, passed away Thursday, August 24, 2006. He was born February 8, 1933 in Corydon, Indiana. Bob graduated from Arsenal Technical High School in Indianapolis and owned Standard Television Sales and Service. Bob used his technical skills well in the restoration of 1920's, 30's, 40's and 50's radios. He was former President of the Indiana Historical Radio Society (three years as IHRS VP and two as IHRS President 1981-85) and Indianapolis Television Technicians Association. Bob was 73.

# Clapp-Eastham

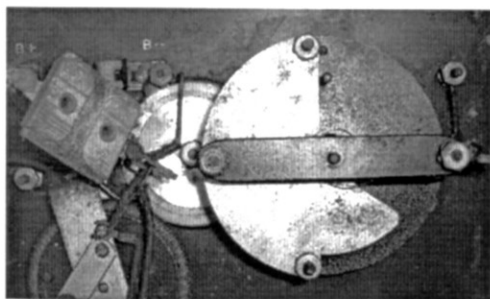
Radak R-3

By

Ed Dupart

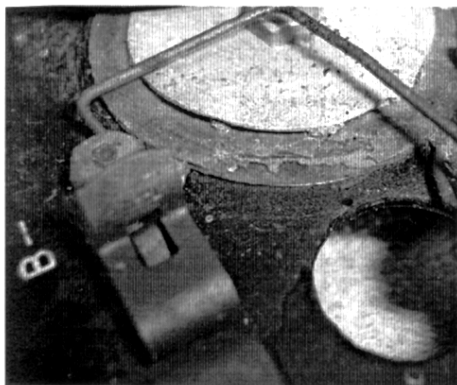
I have a friend who says he never has much luck finding radios at rummage sales, but over the years I have found several good radios at rummage sales in Indiana and Michigan. Of course, I let people know what I'm interested in, sometimes in subtle ways, and it's amazing what turns up. This past Spring I was at a rummage sale near our house in Indiana and they had an old wall phone and I mentioned that I have a friend nearby that collects antique phones and in the discussion

she mentioned that she knew him. I told her that I would let him know about the phone and that he looks out for old radios for me. About that time her husband came out and said he had an old radio that I might be interested in seeing. So, he went back in the house and came out with this old corroded radio and from ten feet away I couldn't tell what it was, except that it was from the 1920's. On closer inspection, I discovered it to be a Clapp-Eastham Radak R-3. I asked him how much he wanted for it and he came up with a price and I counter offered and he said no. I told them I passed up one for \$150.00 and it was the earlier, more desirable HR version and it didn't need any work and it was complete. Thankfully, his wife said, "What are you going to do with it? You are trying to get rid of stuff!" With that he said, "OK, I'll take it." I was now in the possession of a radio with the following



missing parts: the lid, a grid leak, a wire from the variable capacitor, the tube and the battery box. Also, the variable capacitor had so much corrosion that the plates touched and the nickel plating was off of many of the parts.

The panel was also cracked in the usual place where the HR's and R-3's crack and that is in the upper right hand corner around the headphone binding posts. After hooking up the Clapp-Eastham a couple of times, I realized the inside fahnstock clips require a lot of pressure to get the



wires in place. This pressure to insert the wire may be the real reason the panel cracks in the upper right hand corner.

So, if you have one of these radios, use care when hooking up the B+ and B- wires. Oh yes, It was full of mouse nesting material and a good 1/2" of mouse poop at the bottom of the case and the cabinet was cracked on the side panel. My

wife said, "You paid how much for that piece of junk?!" I told her I have been looking for one of those radios for about 25 years and knew if I got one it would be a basket case.

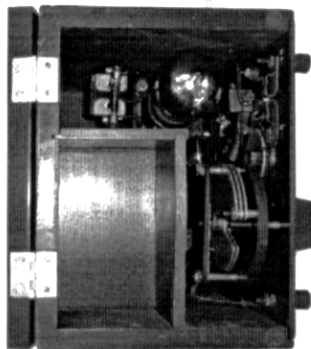
Now, to start the cleanup and restoration process. In order to remove the panel and clean the radio, I had to drill out one of the cabinet screws, because it was so rusted into the wood and wouldn't budge. Once I did that, I cleaned out the mouse nest and droppings, took the vacuum cleaner to everything and used a toothbrush and paintbrush to clean out the dirt. Then I sanitized everything with a powerful industrial strength cleaner that my school uses. A friend and I bought a case of the stuff and it removes tobacco stains, old wax and a host of other nasty stuff. Amazingly, the tube socket and the filament rheostat were perfect! I then disassembled the radio completely, taking pictures so that I would know where everything went. Today's digital cameras make that process so much easier than making drawings. I expected the panel to be a thin sheet of Bakelite, like so many other radios of that time period, but it was actually a thick piece that was milled down in places that left mounting pads for the coil. The panel did not have the same thickness around the headphone binding posts and the peek-hole for the tube and the panel had a slight natural curve that would straighten out when it was mounted to the cabinet. My theory is that the slight curvature and the varying thickness of the panel gave the panel a stress that resulted in the crack in the upper right hand corner. I treated the panel like a car and used plastic filler to fill the hole and the crack both front and back.

## RADAK Restoration continued

After wet sanding, I painted the entire front of the panel flat black, which is virtually identical to the original Bakelite color. On the backside I painted only part of the panel and wet sanded it and you can't tell where the paint ends and the Bakelite starts. I used a sharp awl to clean out the lettering in the panel and used a white crayon to re-fill the lettering. The panel is now done and it looks good.

An oddity with the knobs is that the tuner knob used gold lettering and the tickler knob used white lettering and the part of the knob that had the lettering is made out of steel, not Bakelite.

Now, on to the restoration of the electrical parts. I took the variable capacitor completely apart and used sandpaper on the plates to get the deep corrosion off. I started with 220 grit, then to 400 grit and finally fine steel wool, which gave the aluminum its original polish. I repeated this process with the round flat bypass capacitor that was composed of copper and brass plates with mica wafers. I carefully cleaned all the binding posts and switch parts. The switch parts and the fahnstock clips lost its nickel plating and when I retire I will re-plate them. For now, they look old, but clean. Well, it is old! As of this writing, 83 years old!



The cabinet had a crack, so I had to glue that as well as some of the other joints. That turned out well. The cabinet appears to be mahogany or walnut with a red tinge to it, so I decided to make the lid out of walnut. Last year, I cut down a walnut tree in our yard and I decided to cut some wood boards from it for who knows what projects and I'm glad I did. I got out my planer and sized the top and the pieces for the battery box for the proper thickness.



Then I cut them out with the table saw and used the table saw to create the proper joints for the battery box. I sanded the pieces with 220-grit sandpaper. Then, I used red mahogany lacquer toner for the base coat, a dark brown lacquer toner on top of that and several layers of clear lacquer on top of all that, with lots of wet sanding in-between the coats. I can't stress the wet sanding between the coats enough. It's the difference between a rough surface and a glass smooth surface, which is the way they came out of the factory. I put everything back together, straightened out the grid leak circuit and replaced the missing wire from the variable capacitor. The rest of the cabinet looked pretty good after a thorough cleaning, so I didn't refinish it and now this piece of junk actually looks pretty good!

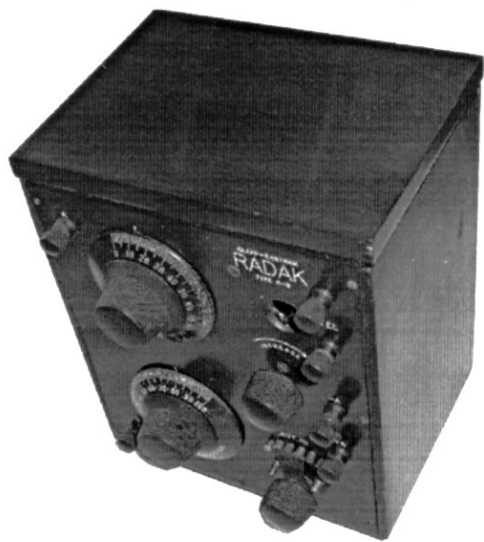
I tested it out and the first thing I heard was Morse code and I thought maybe I was on one of the ham bands, but I never heard a CQ. It turns out; I was picking up aeronautical beacons down in the long-wave regions! I had a tremendous amount of hand capacity problems with the variable capacitor and I couldn't pick up any AM stations. The hand capacity problem was due to having the variable capacitor in backward or 180 degrees off, so I turned it 180 degrees and remounted it. Not being able to pick up AM was because of still dirty switch contacts and more cleaning took care of that. After all that, I reconnected it and it worked great! Just like a one tube regenerative radio should. After about \$150.00 worth of work, I am now the proud owner of a Clapp-Eastham Radak R-3 and I don't plan on parting with it.

# **RADAK**

RELIABLE RECEIVING SETS  
Licensed Under Armstrong Patent  
1,113,149

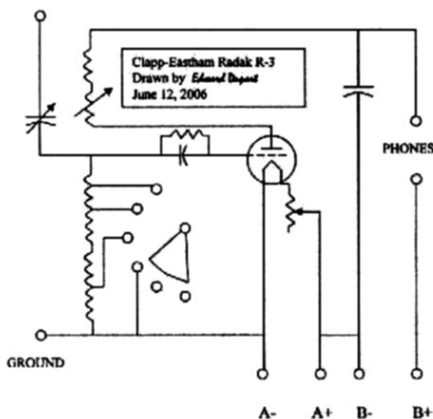
**BUILT BY AMERICA'S OLDEST MANUFACTURER**

**Clapp Eastham Co.**  
107 Main St. Cambridge, Mass.



## RADAK Restoration continued

ANTENNA



Grid Leak Capacitor: 250 picofarad

Grid Leak Resistor: 1-5 megohm

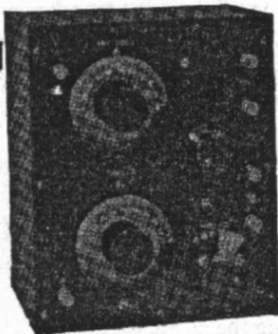
Bypass capacitor: .001 - .002 microfarad

Tube: 00A, 01A, WD-12, 99

—you can't buy a  
better receiving set  
anywhere, at any price

**\$40<sup>00</sup>**

*IHRS member, Ed Dupart, is noted for his knowledge of vintage radio circuits. He is a frequent contributor to the Bulletin as well as a presenter of radio repair and restoration seminars at IHRS radio meets. He recently commented "getting a radio out to work on is great therapy for the aches and pains of earning a living."*



Licensed under Armstrong U. S. Patent No. 1,115,149.

**Specifications**  
CLAPP-EASTHAM TYPE H.R.  
REGENERATIVE RECEIVER  
PANEL—Condensator handles only fixed.  
CABINET—Solid mahogany.  
CONDENSER—Stationary type, 8  
Rotary 3 Stationary plates.  
Built as a Vernier.  
DIALS—Indestructible metal. White  
Ink on black ground.  
ANTENNA INDUCTANCE—Wound  
on Ferrite Tube.  
PLATE INDUCTANCE—Wound on  
milled ball.  
BINDING POSTS—Black Rubber  
Covered.  
SWITCH—Fan Blade.  
REGULATOR—C. E. Type H 400.  
CIRCUIT—Single circuit regenera-  
tor. Licensed under Armstrong  
U. S. Patent No. 1,115,149.  
"B" BATTERY—Contained in com-  
partment inside cabinet or ex-  
ternal as desired.

**Q**UALITY—and at a reasonable price—is the appeal that the Clapp-Eastham Type H. R. Regenerative Receiver makes to men who know wireless equipment. The specifications and the Clapp-Eastham reputation tell them the story. To the novice, the appearance of the set, the clear, sharp tones, its wide range, and the perfect regeneration on all wave-lengths between 180 and 805 meters, is convincing evidence. The quality in the solid mahogany Cabinet is reflected all throughout the set. Ask your dealer to show it to you. If he's temporarily out—and he may be, because the demand has been phenomenal—write us. Send 6c in stamps for the C-E Radio Catalog. If you're at all interested in wireless you ought to have it.

H.R. ad from Radio  
News, June 1922 →

**CLAPP-EASTHAM COMPANY**  
RADIO ENGINEERS and MANUFACTURERS  
120 Main Street CAMBRIDGE, MASS.

127-91

Wet/dry sandpaper can be used either dry, like common woodworking sandpaper, or wet, using a rubber sanding block and solution of liquid detergent and water. Wet-sanding lubricates the surface being abraded, reducing scratches. The water also carries away loose pieces of abrasive as well as finish particles and prevents the sandpaper from loading up.

1. Sand the surface to 320-grit. Thoroughly remove sanding dust from the pores of the wood using compressed air or a shop vacuum and tack cloth.

2. When using open-grained woods, such as oak, ash, mahogany or walnut, fill the pores by applying a paste wood filler. Use a plastic scraper, working across the grain, to pack the filler into the pores. Remove excess with a squeegee, once again working across the grain to avoid pulling the filler. Dry overnight, then sand lightly with 220-grit sandpaper. Apply a second coat of filler, removing the excess with the squeegee as before. When the filler is dry, sand again with 220-grit sandpaper

3. Apply a finish of your choice and let it dry overnight. We tested this technique on oil-based spar varnish, oil-based polyurethane, water-based polyurethane, and oil-based enamel paint. Any sheen -- gloss, satin, or semi-gloss -- will work. You can bring gloss finishes to the brightest sheen. The flattening agents in satin and semi-gloss finishes prevent them from being worked to attain a high gloss.

4. Now it's time to "knock down" brush marks, drips, or dust flecks in the finish. Put about 1/2" of water in a shallow plastic tray and add a couple of drops of liquid detergent. The detergent, by reducing the surface tension of the water, allows it to more effectively wet the sandpaper and the work piece. Dip 500-grit wet/dry paper backed with a rubber sanding block into the detergent solution and work the surface in a circular motion. Be careful not to oversand the edges. Keep the sandpaper wet with clean detergent solution. Periodically wipe the surface dry to inspect it. When the surface has a uniform dull sheen, wipe it clean with a damp sponge and let it dry. →

### Wet Sanding (continued)

5. Apply a second coat of finish and let it dry overnight. Wet-sand again as in Step 4 and wipe dry. Now apply a third coat of finish, but this time, let it dry two days to make sure the entire film of finish is dry.

6. Just as in Step 4, wet-sand the surface, this time starting with 1000-grit wet/dry sandpaper, progressing to 1500-grit and finally 2000-grit. Buff with a clean, soft cloth.

7. Get out the car wax and apply and polish the work piece according to the directions. (Any automotive cleaner/wax will do.)

Resin-impregnated sandpaper, in grits ranging from 320 to 2000, is available from auto-body paint and supply stores. The abrasive particles on these sandpapers are of a more uniform size than those of common woodworking sandpapers and are more securely bonded to the backing paper.

reference: "Wood Magazine" at [woodmagazine.com](http://woodmagazine.com)



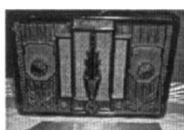
This space is available for your comments and observations concerning the Bulletin contents. Weather it be your experience with a suggested "How To Fix" a radio problem, observations concerning a technical description, or you caught a grammatical error, we would like to hear about it. Send your **FEEDBACK** to the Bulletin editor, Fred Prohl, 3129 Lanam Ridge Road, Nashville, IN 47448 or email to [indianahistoricalradio@att.net](mailto:indianahistoricalradio@att.net)

# Ligonier 2006 – Snap Shots

Pictures contributed by Ed Dupart



contest 1<sup>st</sup> place  
Zenith, Tom Williams



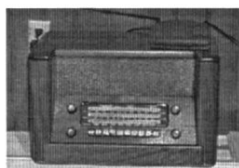
contest 1<sup>st</sup> place  
Crosley, Fred Prohl



contest 2<sup>nd</sup> place  
Crosley, Ed Dupart



contest 2<sup>nd</sup> place  
Emerson, Fred Prohl



An operating contest entry



Well presented portables in the contest



Very unusual leather cased  
portable in the contest



Vintage radio advertising clock designs



Lunch – A Summer Meet favorite.



Herman looks happy  
with the food choice



## In the parking lot at the Ligonier Recreation Center





### **Gerald and Marjorie's Auction of Radios and Phonographs**

Long time members Gerald and Marjorie Fitzpatrick have sold their building and will sell at auction the entire contents at 410 Wall Street, Jeffersonville, Indiana 47130. The Public Auction is on Saturday, October 21, 2006 at 10:00AM. Radios include a working Mid-West radio and other as is radios. Riders Manuals 1 through 23 with index, Sam's early radio manuals in book form with index, specialty books on radios and phonographs, Crank phonographs, Victor 812, Edison 150, Ambrola 30, Edison Standard plus several other working phonographs. There are also several phonographs that need repair, radio parts, lots of radio tubes, phonograph parts, motors, cranks, turntables, lids, doors, 2 and 4 minute cylinder records, books, lots of tools, clamps, shelving, storage cabinet and misc.. There will be some surprises.

Gerry and Marj hope to spread the news of the auction so the equipment ends up in the hands of radio and phonograph collectors/repairers.

**For Sale:** Photocopies: Manuals for B&K E-200D Sig. Gen, Radiola III, IIIA, 17, 18, 25, 60, 100, 100A & 103 and other paper, some original. LSASE or email for list. Herman Gross, 1705 Gordon Drive, Kokomo, IN 46902 765-459-8308 Email: [w9itt@sbcglobal.net](mailto:w9itt@sbcglobal.net) 06/06

**Wanted:** Original Output transformer or Output transformer with speaker for Zenith Radio Model 4-K-331 and volume control. Also original speaker and turntable for RCA Model 612-VS and the loop antenna. Please call Steve Kohut at (260)375-4334, leave a message if no answer or write at 2610 E. 1000 S., Warren, Indiana 46792 06/06

**For Sale/Trade:** See our new website for beautifully restored radios. Choose from deco tabletop models to gorgeous consoles. Always open to reasonable offers. Check us out at: [www.tubularradio.com](http://www.tubularradio.com) Actively collecting Zenith and other high-end 30's wooden sets. Bob Snively, Richmond, Indiana  
Phone; (765) 935-3746 E-mail; [totallytubular@aol.com](mailto:totallytubular@aol.com) 06/06

**FOR SALE:** Reproduction Philco cathedral cabinet parts and reproduction cabinets for model 20, 21, 70, 90. Grandfather clock finials: Philco 570, GE H-91, Crosley 124. Philco Colonial Clock top trim and finials. Rider's Radio Index, 1 through 23 -\$20.00 ppd. Books, SASE for list. All plus shipping. Philco cabinets, front panels, see page 22 in Volume 29, #4 the Winter edition. Other parts, inquire. Call or e-mail for details. Note new phone # and address. Dick Oliver c/o Antique Radio Service, 1725 Juniper Place, #3 10, Goshen IN 46526. New phone # (574) 537-3747, e-mail [dolivears@aol.com](mailto:dolivears@aol.com) 06/06

**Interested in TV history?** Want to see how it started? Try this Web site. [www.televisionexperimenters.com](http://www.televisionexperimenters.com) You'll be amazed how far we've come. Pete Yanczer, 635 Bricken Place, Warson Woods, MO 63122-1613 06/06

**For Sale:** Aiwa model TP1001 high quality Reel to Reel tape Player/Recorder with 69 7" reel to reel tapes, some acetate, mostly high quality mylar. Recorded in 60's and 70's, mostly home radio recorded, some professionally recorded. 1960 TV, radio coverage death of Kennedy. Old radio shows, professionally recorded. Dr. Demento radio recorded. WOXR Oxford, Ohio radio recorded, mostly humor. \$200.00 for all, can deliver. Cogly A. Hall (812)689-5330 06/06

**For Sale:** 1932 Admiral 40L, Walnut, \$85.00; 1947 Admiral 7T10-C, \$35.00; 1932 Aetna, \$65.00; 1947 Airline 74BR1501B, \$75.00; 1946 Arvin 544A, \$55.00; 1935 American Bosch model 4, \$75.00; Balanced Amp, New, \$115.00; 1950 Crosley 10-135, White, \$115.00; 1950 Crosley 10-137, Chartreuse, \$115.00; 1950 Crosley 10-138, Maroon, \$100.00; 1950 Crosley 10-140, Green, \$110.00; 1934 Crosley 5M3, \$110.00; 1934 Crosley 515, 1935, \$95.00; 1946 Farnsworth ET-064, Black, \$75.00; 1948 Farnsworth GT-051, White, \$125.00; 1948 Firestone, 4-A-79, \$45.00; Jackson tester, wooden case, \$12.00; 1932 Kadette Jewel (400, \$185.00; 1932 Majestic, Walnut, \$65.00; 1927 Peerless Speaker, Mahogany, \$45.00; 1942 Philco 42-PT95 Walnut, \$50.00; 1930 Philco 20, Walnut, \$250.00; 1934 Philco 60, Walnut, \$150; 1931 Philco 70, Mahogany, \$350; 1931 Philco 90, Walnut, \$500.00; 1939 RCA 9TX31, Bakelite, \$65.00; 1924 RCA 103 tapestry speaker, \$175.00; 1927 Rolla Speaker, Mahogany, \$40.00; 1947 Sentinel 309-W, brown, \$45.00; 1932 Silvertone 1407, Walnut, \$195.00; 1932 Silvertone 1801, Walnut, \$85.00; 1949 Silvertone 9001, Brown, 65.00; 1925 Sonochorde Speaker, \$150.00; 1946 SkyRover 9022H, White, \$45.00; 1949 Zenith 7H920, Brown, \$45.00. All radios have been restored unless otherwise specified and are in nice condition. All items subject to prior sale and my inventory changes depending upon what I sell and what I find. If interested, contact Bill Arnold, Washington, In , 812-254-1702 or email [bbarnold1@gmail.com](mailto:bbarnold1@gmail.com) (\*note new email address) 06/06

## Write!



**Radio ads** - Free to IHRS members. Please limit them to 100 words. Unless we are advised otherwise, we will run ads for two issues. The exception would be where services, etc. are being listed. Please send your ads to the editor at the address shown on page 2. Please, type all ads before submitting them. If you cannot submit an electronic copy, we can scan in a typed copy.

**Articles** for publication. Radio history or restoration and repair of radio, your own radio collection; someone else's radio collection; your recent or memorable radio find; your experience at a radio event. Pictures are encouraged. We can scan good quality color or B&W prints. Sending jpeg pictures on CD-R works well. Please do not email high resolution pictures, your editor is on dial-up and the download time is unbearable.

Case console dial,  
manufactured in  
Marion, Indiana,  
1936. From the Ted  
Rogers collection  
(see back of this  
Bulletin.)



# Some of Ted Rogers' Radios

Pictures by Ed Dupart and Fred Prohl



Zenith  
Stratosphere



Westinghouse



Slagle



A 1936 Case, Stromberg Carlson  
Corner Console, and a Philco