



Vol. 34

Winter 2005

No 1



KOKOMO, INDIANA

Radio Swap N Sell
Vintage Radio Contest
Repair Seminar
Silent Auction
Awards Luncheon
Vintage Radio Drawing!

34th Annual IHRS SPRING MEET - 2005

Friday, May 6 - 4 PM to 8 PM &
Saturday, May 7, 2005 - 7 AM to 2 PM
The Johanning Civic Center -



Hope to See You in Kokomo!



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Responsibilities

Activities, Business,
Administration, & Publicity

Sites and Dates of Meets

NOTE

Applications and Correspondence
Dues, Financial, and Address
Change. Please Notify
Immediately of Change of Address.

News, Articles, Photos for
publication in Bulletin

Donations & Scrapbook Material

IHRS Museum Curator

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

IHRS e-mail Web site address: www.indianahistoricalradio.org

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

Upcoming Regional Events of Interest to Members

MSARC For information contact George Freeman ralogeum@aol.com

NARC ACTIVITIES - 2005

For NARC meet info contact: Jim Thompson, 612-822-4000 or Kip Wallace, 612-544-2547, KipWallace@dl-inc.com

ARCI ACTIVITIES - 2005

New Location Info: Tom Klienschmidt 847-255-8128 or Art Bilski 630-739-1060. OLDRADIO@NTSOURCE.COM

MICHIGAN ANTIQUE RADIO CLUB

Extravaganza Lansing, Michigan

Info: Oran Sauder murrellr@ameritech.net (248) 437-4413 John Reinicke – john.reinicke@fanucrobotics.com (248) 626-4895

Join the AWA-ANTIQUÉ WIRELESS ASSOCIATION

THE ORIGINAL AND LARGEST HISTORICAL RADIO-COLLECTOR GROUP The AWA publishes a quarterly *Old Timer's Bulletin*.

Membership is only \$20 per year. Write to: Antique Wireless Association, Inc. Box E, Breesport, NY 14816 <http://www.antiquewireless.org>

JOYCE W. PECKHAM (AWA) died of cancer on Sunday, Nov. 21, 2004 at the age of 67. Joyce was well known to many IHRS members as the long time secretary of the **Antique Wireless Association**. It was she who organized the registration process at the AWA Conferences held in Rochester, NY each year. Several IHRS ladies helped with AWA registration through the years and they enjoyed working with Joyce. She will be sadly missed. Her surviving family includes her husband of 46 years, Lauren A. Peckham and two sons, David and Kent. Joyce was a Magna Cum Laude graduate of Elmira College with a Bachelors and Masters degree in education. In her early years she taught Biology and Mathematics at Horseheads NY, High School. In addition to her several AWA duties, she was very active in her church, an avid flower gardener and a collector of pottery, being a member of the Majolica International Society. She, her husband and sons have owned and operated a pipe organ service company since 1971. The IHRS has sent a check to the AWA Communications Museum fund in her memory

2005 IHRS DUES NOTICE

Your Indiana Historical Radio Society membership is now due if your mailing label reads 12/04. Please send a check payable to the **Indiana Historical Radio Society** in the amount of \$15.00 for a one year membership or \$25.00 for a two year membership. Send your payment to: Fred Prohl, IHRS, 3129 Lanam Ridge Road, Nashville, IN 47448. Please include your current mailing address, if not on your check, and your email address, if you have one. Membership questions? Contact Fred at fprohl@att.net or call him at 812-988-1761.

President's Column

Greetings to all the membership of the IHRS. I am Alex Whitaker, your new club president. I was previously president of the IHRS in 1998-1999, but had to resign due to the premature birth of my daughter, Jessica. Jessica is now fine, is 5 years old, and is in kindergarten. I am glad and honored to have another chance to lead the IHRS.

The first item on my agenda was to have an IHRS officer's meeting. That meeting was November 3 at the old south side Shapiro's Deli. Many items of business were discussed, including contests, meetings, etc. We'll be talking about some of these at the business meeting at the February meet. Your IHRS officers serving for the next year are: Bill Morris – Vice President; Herman Gross – Secretary; Dr. Ed Taylor – Historian; Dr. Mike Clark – "Bulletin" editor; Fred Prohl – Treasurer; and Fred Schulz – IHRS Museum Curator. I feel privileged to get to work with a fine bunch of gentlemen who are all dedicated to the hobby and the IHRS.

Speaking of gentlemen, I was notified that one of the club's founding members, Jim Fred, was ill in October and November, and had spent some time in the hospital. He is at home now and on the mend. Jim has not been to many meets recently, partly because of health problems. Some of the newer club members may not know him or his name. Jim is literally a giant in the antique radio collecting field. He, like other IHRS founders, was collecting and preserving radios and radio history when much of it was simply being thrown away. Jim's articles about radio collecting and restoring were in various electronics magazines in the 1960's and 1970's. I have several of them, and they were (and still are) a valuable technical resource. I learned how to fix 1920's battery radios by reading one of his articles. Antique radio collecting has been shaped by Jim's influence. Jim has held many offices in the club, and was co-editor of the "Bulletin" (along with Marilyn Johnston) when I first joined the club in the early 1990's. So, if you see him at one of the meets, make sure to talk to him. He is a gentleman and a wealth of information. Mr. Fred still runs his own home-based company making WD-11 replacements, as well as many other radio restoration parts. The IHRS sends our "get well" wishes to Jim. I will include his address at the end of this article so that you can send your regards to him if you wish.

The "silent (but prettier) half" of the IHRS Museum, Marcella Schultz, is seriously ill. Her Dad, long-time IHRS Museum Curator Fred Schultz, told the IHRS officers of her illness in February. Marcella has been the driving force behind the founding, maintenance, and growing of the IHRS Museum in Ligonier since the early 1990's. While Fred has been the more visible of the pair, Marcella (according to her Dad) deserves most of the praise and credit for

her work. She did all the grant writing for the Museum and its new affiliated low power FM station, WNRL (West Noble Radio Ligonier – licensed to the Indiana Historic Radio Museum), receiving about 85% of the grants she requested. Evan Bayh, Democratic Senator from Indiana, helped champion Marcella's cause of bringing a radio station to the community, located in Noble County in northeastern Indiana. Senator Bayh used his influence to push through her request for low power FM for Ligonier, something that took over two years. Her efforts were so outstanding that CBS did a documentary on low power FM licenses, and she was prominently featured in it. WNRL is now on the air, and provides a valuable community service for Ligonier, as well as providing lots of publicity for the Museum and the IHRS.

On February 26, 2005, Fred and Marcella Schultz were presented with plaques, honoring them both on the tenth anniversary of the founding of the IHRS Museum. Herman Gross and I went to Ligonier, and the presentation was made at the Museum. The club is really lucky to have great individuals like Fred and Marcella working for it. Pictures of the presentation will be elsewhere in this issue. The IHRS's thoughts and prayers will be with her as she fights her illness. Marcella and her family welcome cards, calls, and e-mails. Please direct all correspondence to Fred Schultz's address, etc. info given in the front cover of the "Bulletin."

The officers and members of The IHRS extend their condolences to Fred and Mary Prohl on the recent untimely death of their son, Steven. Our thoughts and prayers are with you.

I was informed back in November that long-time AWA Secretary Joyce Peckham passed away after a brief illness. The sympathies of the IHRS go to her family. Joyce was one of the stalwarts of the AWA, and will be missed. The Antique Wireless Association is affiliated with the IHRS, and backs the May meeting at Kokomo. This meeting has traditionally been called the AWA/IHRS "Spring Fling."

As I always said back when I was IHRS President in 1998, your officers are there for you. If you have any questions, comments, etc. please don't hesitate to call, e-mail, or write one of us. Also, I would encourage anyone who would like to write an article for the club's "Bulletin" to do so. Dr. Clark needs the articles. His directions for article submissions are detailed in this issue of the "Bulletin."

So, get to work on those winter projects and contest entries, and we'll see you in May for the "Spring Fling" at KOKOMO!!!! (I can't wait!).

Alex R. Whitaker
IHRS President ehscott@sbcglobal.net

INDIANA HISTORICAL RADIO SOCIETY

"ABOVE AND BEYOND" AWARD

In Grateful Recognition and Appreciation
For Your Selfless Contributions Towards
The Success of the
INDIANA HISTORIC RADIO MUSEUM

Ligonier, IN.

2005

The above is the text of the plaques presented to Fred and Marcella Schulz.



**IHRHS President Alex Whitaker presenting award to Fred and Marcella Schultz
at The Indiana Historic Radio Museum**

Dave's Service Bench

Dave Mantor

merrijoy@comteck.com

This edition of *Dave's Service Bench* will feature several different areas of reporting. As the months slip by, I come up with different clips to share, but often each one by itself isn't full-length. Hence, one IHRS edition is needed to kind of square things up, and this is the one.

Recently, I have been in touch with Jack Ward, the gentleman, you will recall that has written a newer version of the old John T. Frye monthly story of Carl and Jerry. The last one he wrote was in 2001. When we talked, he probed my thoughts a little bit about doing another sequel to his "1953" version. If it can be completed, I think it will be a dandy. Stay tuned for future updates.

One area that isn't discussed much in our hobby of antique radios and related pieces of equipment is the element of safety. Some seem to think it isn't as much of a priority now with transistorized battery sets that do not deal with higher amounts of voltage as they once did. Then, too, we've grown a bit lax with important practices that once were labeled by technicians to discuss first with a novice before working on a radio. I'd like to revisit some of these thoughts and practices that were considered important enough that my brother took me into his shop and emphatically showed me what not to do.

In addition to enjoying old radios, I am also a ham radio operator. For the 43+ years that I've been licensed, I can still remember early references to doing everything in a safe manner; one hand behind the back when going into a chassis, double-checking to make sure the radio is unplugged, using only UL-Approved insulated screw drivers and probes and watching out for "charged" capacitors. There are no doubt other preventative measures one can and should use, but these will get us started.

I have been in the habit over the past few years of plugging everything into fused terminals (surge protectors). They aren't fool-proof in that they become inoperable when the power goes off and therefore are unable to protect against power surges. But as far as protecting yourself and your equipment during normal operation, they will perform adequately and safely.

Of course, the habit of always unplugging a set before you disconnect the line terminal at the back of the 50's and 60's style radio is important. If you don't, the receptacle at the end of the power cord is "live." Most radios have a sticker in place to warn against such practice but many do not read and heed warnings.

Dave's Service Bench (continued)

One safety practice that you will find in most ham publications in regard to entering into your receiver or transmitter chassis is "one hand behind the back." Simply said, this refers to the possibility of one's second hand forming a perfect ground by touching the metal chassis while the other hand is probing. In my "sillier" days, I knocked off the end of a high voltage protected screw driver by inadvertently grounding it on a high-voltage tube terminal. It was not a smart act as it could have been my last act upon this earth. Fortunate for me, that was not the case. Extreme care must always be taken when a "live" check of components is necessary.

Years ago a friend of mine told me how as a teen-ager, he and his friends found out that they could take a capacitor, charge it in a 117 VAC receptacle and then shock unsuspecting friends. Again, youth has a way of doing the "unsmart" things, sometimes with dire results. We are all aware of how precious life is. Yet a shock from a fully-charged capacitor under a chassis could very well change one's life forever. Grounding capacitors before going in with your fingers is a good habit to practice and will probably save your life.

Shortcuts usually only save time; many, however, end up being avenues of unsafe habits. As my mother was always fond of saying, "Anything worthwhile doing is worth doing right." When working on your radio sets, always choose the safe route.

A post script to the last issue's reference in *Dave's Service Bench* to the Super Pro/BC-779 family of receivers: I'm planning one day to use one of those receivers in my vintage teletype system, a set-up given to me by Hal Hunt of Decatur. (Don't give up on me, Hal. I'm still hoping to do it.) It will feature all of the components of a working unit receiving and transmitting in radio teletype code. The transmitter to be used is still unknown.

Finally, within this column and starting next issue, I am going to begin the renewal/restoration project of a *Henry Field Shenandoah Five* given to me by my father-in-law, the late Carl Strand. It still looks good with its wooden case and front bakelite panel. After all, when one lives in a 110+ year old house, you'd expect a few old battery sets here and there, eh? Keep a good thought, give a smile and help someone have a great day.

Dave Mantor
merrijoy@comteck.com

Comments From Your New Bulletin Editor

For those of you who haven't heard: Ed DuPart is no longer the editor of The IHRS Bulletin. He is being replaced by a newcomer who will attempt to fill one of his shoes since I have only one leg. I am a retired physician and former professor from The Indiana University School of Medicine and serve on the editorial boards of several scientific journals. I certainly intend no major changes in The Bulletin and hope to follow in the able footsteps of all the previous editors.

The job I am assuming is more that of a "Complier" than that of an "Editor"-my real job is to take all the contributions from our members and compile them into a Bulletin. This material is recorded on a CD-R and sent to Fred Prohl who reads it, makes any corrections, adds a current mailing list and forwards the disk to our publisher who prints The Bulletin, stuffs it into envelopes and mails it to our members. Since we use First Class mail, the delay from the publisher to your home is minimal and, if you are experiencing any difficulties with receiving your copy of The Bulletin, you should contact Fred at the address shown in the inside cover of The Bulletin.

The Bulletin is a forum for announcements of future club activities as well as for the meetings of other clubs. We also hope to feature a column from our president in every issue as well as regular contributions from several members. WE NEED CONTRIBUTIONS FROM OUR MEMBERS IF OUR BULLETIN IS TO BE A VIABLE VOICE FOR OUR CLUB. PLEASE SEND ME ARTICLES AND PHOTOGRAPHS FOR USE IN THE BULLETIN. My addresses are in the inside cover of the bulletin.

I am using a Dell computer and Microsoft Word as a word processing program. Please send your contributions on a standard 3 1/2" disk or on a CD-R disk. You may also email contributions to my email address. If you cannot submit an electronic copy of a manuscript, please send a clear typed manuscript which I will scan into The Bulletin. ALL SUBMISSIONS TO THE BULLETIN MUST BE IN AN ELECTRONIC FORMAT OR TYPED-THIS INCLUDES CLASSIFIED ADS. Please do not be bashful with any suggestions you might have for improving The Bulletin

Michael A. Clark, Ph.D., M.D., F.C.A.P.
IHRS Bulletin Editor

IHRS & AWA 2005 Spring Meet

Friday, May 6 & Saturday May 7, 2005

34th Annual Vintage Radio Meet at The Johanning Civic Center in Kokomo, Indiana

Located on the northeast leg of the US31 bypass, the Civic Center provides space for an all indoor meet with ample room for all activities. The space is on ground level with a large bay door for easy vehicle unload/load.

Friday May 6

- 3:00 pm** Doors open for indoor Swap N Sell set up
(Pioneer Room).
- 4:00 pm** Radio Swap n' Sell.
- 8:00 pm** Doors locked for the evening.

Saturday May 7

- 7:00 am** *Radio Swap n' Sell.* Indoor set up continues.
Set up for Old Equipment Contest, Operating Radio
Display, and Silent Auction.
- 9:00 am** Doors close to additional setup.
- 9:00 am** Old Equipment Contest and Operating Radio set-up closes.
Contest judging begins.
- 10:00 am** Registration of consignment and donation items
for the silent auction closes.
Bidding begins.
- 10:30 am** Vintage Radio Repair and Restoration Demonstration
- 11:00 am** Silent Auction closes.
- 11:30 am** Awards Luncheon
Menu: Oven baked steak, gourmet macaroni and cheese,
mashed potatoes & gravy, green beans, garden salad, rolls,
fruit cobbler, coffee, ice tea and water.
- Join us for lunch and be eligible for a
"Vintage Radio" give away.***
- 2:00 pm** Spring Meet concludes

Fees - Registration is 5.00 per family, good for both days. One Swap n' Sell space for the sale and trade of vintage radio equipment is \$10.00, good for both days (the space includes one eight foot table.) Awards Luncheon is \$8.00 per person.

Need a small amount of table space? Sign up for **"Share a Table"** Pre-register with a request to share a table. We will hold a 1/2 table space for you at half the Swap N Sell cost.

IHRS/AWA Spring 2005 Meet (continued)

Old Equipment Contest - Contest is open to all Indiana Historical Radio Society and Antique Wireless Association members. Non member entries will be for display only. The Founders Award is reserved for IHRS members. The entries are judged by historical significance, documentation, and condition of radio.

Contest Categories:

1. Indiana Made Radio
2. Homebrew (RX or TX)
3. 1920's Table Battery Radios
4. Transistor Radios
5. Crystal Sets
6. Cathedral / Tombstone Radios
7. Open - Radio related - You decide!

Operating radios will be judged in the appropriate contest category:

OR1. An operating 1920's battery radio with a horn speaker.

OR2. An operating 1930's AC radio.

Radio Display - Want to show off a set, generate a discussion? Space will be available to place your radio related equipment on display.

Pre-Register - Send a check for meet registration (\$5.00 per family), Swap N Sell table reservation (\$10.00 per table), and Awards Luncheon (\$8.00 per person) payable to IHRS, to:

Fred Prohl, 3129 Lanam Ridge Road, Nashville, IN 47448

Motels: (Listed from closest to Civic Center to farthest.)

1. Comfort Inn 522 Essex Dr (US-31) - - (765) 452-5050 or 1-800-228-5150

2. Clarion Inn 1700 E. Lincoln Rd - - (765) 459-8001 or 1-800-228-2828 (This was the old Ramada Inn for previous Kokomo meets.)

3. Motel 6 2808 S. US-31 - - (765) 457-8211 or 1-800-466-8356 (This was the old Howard Johnsons, adjacent to the Clarion)

4. Fairfield Inn 1717 E. Lincoln Rd - - (765) 453-8822 or 1-800-228-2800

(motels 2, 3 and 4 are located across the street from Delco/Delphi)

Contacts: Fred Prohl, 812-988-1761 - - Herman Gross, 765-459-8308

SPARKY REMEMBERS

By Bob O'Friel

Most of us are familiar with Nipper, the RCA mascot and Bonzo, The Crosley pup. Few people outside the narrow circle of Gennett Record aficionados are aware that Gennett also had a canine trademark named "Sparky". Beginning with this issue, Bob O'Friel will bring his vast knowledge of Gennett Records and electronics to us in his column, "Sparky Remembers". The opinions and assertions are those of Bob and are not the official opinions of the IHRS. As Chico Marx says to Groucho in "A Night at the Opera": "Everybody knows there ain't no sanity clause." Did 'Sparky' really exist?

THE BATTLE OF THE TUBE TESTERS

Bob O'Friel

I have noticed articles appearing from time to time in the last year or so on tube testers and felt that the checker users might be interested in the following. Back in the 1940's, I was employed by Srepcu Inc. an electronics parts distributor in Dayton Ohio. I was the assistant manager in the Test Equipment department and the Hi-Fi department. I previously had a Radio-TV repair business specializing in Hi-Fi installations for various Audio Equipment dealers. I had chosen the Hickok tube testers as the more accurate of the available equipment at that time and owned a type 600A as the instrument for my shop. There was also a Tube Tester manufactured in Dayton at that time that was the primary brand that was sold. It was priced at \$129.95 at the time as compared to the \$179.95 cost of the Hickok. After some research, I began emphasizing the Hickok line. I utilized a test procedure in which I would explain the differences to the potential customer and, using a 6CD6 or 6BG6 tube, would depress the proper buttons to set up the tests. I would activate the "test" button and, since it was a new, known to be good tube, the meter would indicate good. I then would disconnect the slip on plate cap with the result of seeing the meter indicate "replace". The additional advantage of the Hickok was that the tube chart indicated the gain of the tube in micromhos as to the design standards and relative performance was displayed accordingly. Then using the same tube in the competing product, I would press the "Test" button and, of course, it would test good. I then would disconnect the plate cap and would repeat the test. Surprise, surprise, it would still indicate "good". I then asked the potential customer how important he felt the plate element to be in the operation of a tube. The answer was obvious. The sales of the Hickok testers increased to the point of a letter being sent by the Manufacturer's Rep stating that they felt like having a "Hero's" Badge "issued in my behalf. I sold many Hickok 600A's during this

time in addition to other models in their line such as the 752. One can realize other advantages in the ability to test on the basis of knowing the gain of the tube by setting the tester up from the ratings specified in the tube manuals for tubes known to have similar characteristics. By setting the various switches to correspond with the pin-outs for the replacement tube, you can complete the setup. In other words, you can set up the tests for tubes that are not shown by referring to the tube manuals. The fact that the Hickok testers can also read the gas content in the tubes is another advantage. That benefit has been of value to me numbers of times. I am presently using an updated model 752.

I can recall that only once did I fail to sell the Hickok. The customer was setting up a new shop and made the decisions based on staying within the budgetary limits he had established for the complete line up of the equipment. I respected the opinion of the customer. I hope that these observations will be of some help to some of the readers.

In the next issue we will have an article on Radio Station WVOB.

Bob O'Friel

IHRS Winter Meet - Hornet Park - February 12, 2005

Contest results:

Toy Crystal Radios: 1st Fred Prohl, Carron Tee-Nee Ra-di-o
2nd Peter Yanczer, Liberty Central Trust Bank
(premium radio)

1920's Battery Radio: 1st Mike Feldt, Tilman T-18
2nd Jerry Ayers, Tuska

We had 87 family registrations. Twenty-two Swap N Sell vendors rented 27 tables. Receipts from the meet: 87 registered = \$435.00, 27 tables = \$135.00, Donation auction = \$55.00, Donation jar = \$65.79, Coffee cup/Bulletin = \$5.00 Dues = \$400.00, IHRS Deposit 2/14 = \$1095.79

Expenses: Hornet Park Community Center = \$400.00, Insurance = \$123.00, Coffee/doughnuts etc = \$43.42, Name tags & misc supplies \$14.00, Total expense = \$580.42

Exclude the \$400 dues renewal for a positive \$115.37 for the meet.

Fred Prohl, IHRS Treasurer

1936 RCA 8T

by Ed Dupart

Back when I was 14, my brother Don gave me an RCA 8K floor model radio, which I restored electrically. The cabinet was OK, except for the top, and at that time the radio was only 24 years old. I had it for several years and enjoyed it considerably, but I also needed a bicycle at the time. A friend of mine, Steve Zondlak, also enjoyed my radio and wanted it. He also had a bicycle and so we made a trade. I had the bicycle for years and when we moved to Indiana, I still had the bicycle and eventually wore it out. Steve still had the radio and no way was he going to part with it, so the search was on for another RCA 8K. In the meantime, I discovered that the 8T was the same radio in a



table model version and, with space a premium, I decided to focus my search on the 8T. I placed an ad in the IHRS Bulletin letting people know I was looking for an 8T and that it could be a basket case. That's when John Kellar told me he had one that needed a lot of work, but wasn't interested in selling it, but knew of one in Arizona. The one in Arizona was probably going to be expensive, so I decide to wait. John in the meantime, decided he had enough projects and let me purchase this radio from him at the Fall IHRS radio meet in September of 2004. Actually, I went to his house after the show and got a grand tour of his Meck radio collection and picked up the RCA there. John used to work for Meck and has an extensive collection of Meck products. I also purchased a pre WW II German radio from him for my son who is interested in WW II memorabilia.

The RCA needed extensive cabinet work as well as the chassis, which had considerable rust. The output transformer was off the speaker and mounted inside the cabinet, plus the speaker needed adjustment. Surprisingly, the capacitors were for the most part good and so I changed only the audio and filter capacitors. The chassis was cleaned up using Naval Jell, sandpaper and a lot of elbow grease and then applied Rust-Oleum aluminum paint sparingly to prevent any further rust, plus for color matching.

I replaced small pieces of missing veneer and cut out the bad section of veneer at the bottom of the cabinet and replaced it with a strip of veneer. Not quite original, but was better than the alternative of replacing the entire veneer on the front of the radio. I kept the original coloration as close as possible, except for the sides. I just couldn't darken that beautiful wood.

The radio works quite well and I love looking at the dial and tuning eye at night.

RCA introduced the tuning eye and they made their first appearance in their line of 1936 radios as an option in their better radios. Collectors seek after many of RCA's 1936 radios and, I believe it is partly because of the tuning eye and their dials. The radios are high quality, well built and perform and sound well.

Ed Dupart

Have you Read?

By Dr. Ed Taylor

Normally, Dr. Taylor publishes a book review in his column. This month, by editorial request, he is sharing with us his thoughts on a new Thomas Edison commemorative coin set issued by the United States Mint.

It is not very often that new artifacts are available for "Edison" collectors. The U.S. mint has issued a 2004. Edison silver dollar celebrating the 125th anniversary of the incandescent light bulb. The coin is packaged in an informative presentation case featuring Edison's many achievements. When the cover, of this case is opened, the pictured light bulb turns on. It would appear that Rube Goldberg is alive and well and is designing circuits for the U.S. mint. How many components does it take to turn on a light? Typically, only one switch. This unit utilizes a printed circuit board loaded with one IC chip, three transistors, one capacitor, one diode, and nine resistors connected to a photocell in order to turn on a LED. A most unusual aspect of this tribute to the electric light bulb is: IT WILL NOT TURN ON IN THE DARK. Old Tom would be appalled.

Available from the U.S Mint as Edison Collector Series number 3C7 for \$49.95+\$4.95 postage. Telephone 1-800-872-6468.

Ed Taylor

RADIOADS

These ads are 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, I can scan in a typed copy.

For Sale: Acme Earphones,\$20.00; 1947 Admiral 7T10-C, Original \$35.00; 1932 Aetna, Walnut, \$65.00; 1932 American, Walnut, \$65.00; Home made Balanced Amp, \$115.00; 1935 Clarion TC-20, Walnut, \$125.00; 1950 Crosley 10-136, Black, \$100.00; 1950 Crosley 10-137, Chartruse,\$100.00; 1950 Crosley 10-138, Maroon, \$100.00; 1931 Crosley 148, Walnut, \$225.00; 1946 Delco R-1230, White, \$70.00; 1935 Delco 1106, Walnut, \$125.00; 1932 Knight, Walnut, \$125.00; 1932 Majestic, Walnut, \$65.00; 1927 Peerless Speaker, Mahogany, \$45.00; 1942 Philco 42-PT95, Walnut, \$50.00; 1948 Philco 48-225, Maroon, \$40.00; 1930 Philco 20, Walnut, \$250.00; 1931 Philco 70, Mahogany, \$350.00; 1939 RCA 9TX31,Bakelite, \$65.00; 1924 RCA 103 tapestry speaker, Black, \$100.00; New Tapestry Speaker Bonnet, \$10.00; Sentinel 309-1, White, \$45.00; 1950 Silvertone 2, White, \$65.00; Simpson 260, \$35.00; 1934 Sparton 67, Walnut, \$140.00; 1932 Standard, Walnut, \$65.00; 1939 Truetone D-2015, White, \$100.00; Utah speaker, Mahogany, \$45.00;1949 Zenith 7H920, \$45.00; 1950 Zenith G725,Brown, \$35.00. Most of the radios have been restored and play nicely. If interested contact Bill Arnold 1 Cindy Kay Drive, Washington, Indiana 47501 or phone 812-254-1702. Also email: bbarnold@excite.com 3-29-05

For Sale: New & used tubes. Send a long SASE for list. Contact Ralph Keen, Jr. 1003 Sutton Rd. Greensboro, NC 27406-8812 Phone 336-674-7379 ⁶⁻⁹⁻⁰⁴

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. **Wanted:** Spkr/ OP x'fmr assembly for RCA 5T1. Herman Gross, 1705 Gordon Drive, Kokomo, IN 46902 765-459-8308 Email: w9itt@mindspring.com

For Sale: 2 brand new solid state Bogen 35w PA amplifiers in the box, \$250 ea. 1 used 100w solid state Bogen PA amp, \$200. 1 brand new solid state Radio Shack 20 w portable 12v/120v PA amp, \$75. 1 used solid state Radio Shack 20 w portable 12v/120v PA amp, \$50. Other misc. solid state amps, call. Brand new Electro Voice microphones, call. Outdoor PA speakers, some new, call. Used resistors, pots and capacitors, some dating back to the 30's, call.
Loren Willis, Box 282 301 S. Plum, Farmland, IN 47340 765-468-8501

RADIOADS (continued)

Wanted: 21EP4 picture tube - prefer Zenith or Rauland but will take what you have with non scratched face and good emission. State condition and price. Ship or I can pick up. John Foell, 6130 Deer Track Cove, Auburn, IN 46706-9323. (260)-627-0127 evenings, (260)-429-8202-days. Email to John_D_Foell@raytheon.com 12-01

Wanted: R.F. choke, Zenith part 20-135, for Zenith chassis 1204, as shown in Rider 8—41. Richard Ender, 806 Lee St., Milan, MI 48160. (734) 439-2545

For Sale: Now Available: A replacement for the UV99, our V999R replaces your UV99, our V999 operates the filament on 1.5 VDC. Both use a 5676 proximity fuse, subminiature tube. Our price: \$15.00 plus first class shipping. James Fred, 5355 S. 275W, Cutler, IN, 46920, phone (765) 268-2214.

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 Actively collecting Zenith and other high-end 30's wooden sets. Bob Snively, Richmond, Indiana
Phone; (765) 935-3746 E-mail; totallytubular@aol.com

Wanted: MYSTERY SCOPE Any information will be appreciated on a 5-inch 'scope made by Television Equipment Corp. of NYC, model TEC601. This unit is heavy and very well constructed. It appears to be of early 50's vintage (octals and miniatures) and was intended for TV servicing. This is a candidate for a possible fun restoration project.

Harold E. (Hal) Hunt 1209 Canterbury Dr Decatur In 46733 260-724-9700
(leave message) hchunt@adamswells.com

Wanted: Any information about Marconi No. 3574 receiver (made by "MWTC, Ltd. London") using carborundum, valve, and perikon detectors. Needed for restoration project. George B. Clemans, 851 West Wooster St., Bowling Green, OH 43402. (419) 352-7198, clemans@bgnet.bgsu.edu.

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

Wanted: Speaker assembly for a Radiola 26. Fred Prohl, 812-988-1761, fprohl@att.net 3-29-04

RADIOADS (continued)

For Sale: Philips Radio tube books. I am currently reducing my stocks of my book "Illustrated History of Philips Radio Valves to 1935" and am offering signed copies to fellow IHRS members for \$10 cash including air mail postage. Also available - Various American and British military tubes at \$5 each plus postage - JAN577W thyratron ? , 2K48 klystron, CV372, CV2868 thyratron, VU133 rectifier, CV73/11E1 pentode, CV415 small transmitting, CV398 trigatron, CV2902 gas diode, VU120 rectifier, SU2150 rectifier, VR118/KT2 tetrode, CV404 rectifier, CV354 low power triode, NGT2 argon relay, AWA (Australian) VT46/866A rectifier, Australian STC 3J160E small water cooled transmitting tube. I have about six of each tube available and most are new old stock. All 4 of the last listed tubes have stress cracks, no markings and are believed to be experimental. Photos are available and I welcome any enquiries.

Please reply to Fin Stewart, "Cockerdale", 380 Bulga Rd, Wingham, N.S.W. 2429, Australia.. email address - ferrowatte.m.380@bigpond.com

Wanted: Philco 512 Mandarin Red radio w/212 Red speaker or 514 Nile Green radio with 214 Green speaker or 513 Labrador Grey metal radio with 213 matching grey speaker. I prefer the Red model.

Bob O'Friel, 7631 Cape Cod Circle, Indianapolis, IN 46250-1844 Phone, (317) 849.4028

Interested in TV history? Want to see how it started? Try this Web site. You'll be amazed how far we've come. <http://pyanczer.home.mindspring.com/Tour>
Note: all lower case except the upper case "T" in tour.

Pete Yanczer, 635 Bricken Place, Warson Woods, MO 63122-1613

FOR SALE: Federal Book: Limited supply again available. 64 page booklet describes Federal Tel. & Tel. Radio-from the beginning in 1921 to the end in 1929. Over 60 illustrations including pictures of early Federal RF and audio amplifiers as well as all early radios. Many federal parts are pictured and described. The article and speech by Dick Scramberger, the Federal expert, are included. All Federal models are listed with the year and month introduced, cost new, and description. The Federal Broadcast station, WGR first in Buffalo is included. There are two pages of references for more Federal information. This booklet contains more Federal information than exists in any other single spot. Good Quality printing. Please send \$7.95 (Including S&H) to Larry Babcock, 8095 Centre Lane, East Amherst, N.Y. 14051

RADIOADS (continued)

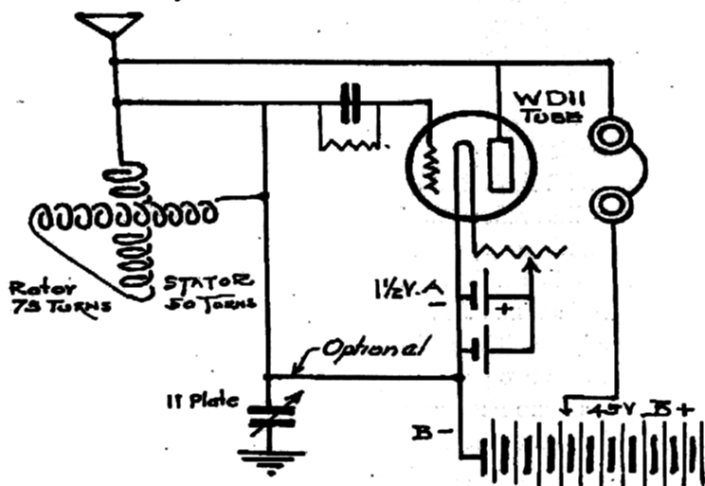
For Sale: Philco Bakelite Radios: Models B956, \$40.00; 46-250, \$40.00; 49-500, \$45.00; 49-905, 35.00; 51-930, \$45.00. Zenith Transoceanic Mod A-600 with spare tubes, \$150.00. 03-29-05

Ray Andrejasich (317) 846-6977

Wanted: I am wondering if any one has a power transformer that can be used in a Grebe—Garod 511. The original unit is mounted above and through the chassis with horizontal laminations (4—1/2" by 3—7/8"). The following specifications are required: **Primary** 120VAC, 60CY **Secondaries** 860VC1 (approx.) to deliver 430VDC to the filter at 150 MA, 5VAC at 3A —(5Z3), 2.5VAC at 3A —(two 45's), 6.3VAC at 3A —(nine 0.3A heaters) Also **Wanted:** I wonder, does anyone have any information on a Thordarson power transformer with the nameplate model No of 5604?. It is a vertical mount, and has HV, 5V and 2.5V secondaries. By "heft", I would guess it is good for about 100VA. This is an older unit, and I believe its revised Model No would be 56R04. Thanks, Harold H. Hunt hehunt@adamswells.com 12-03

FOR SALE: Photocopies: Hallicrafters 8-22, Zenith 1000-1, Radiola III, 18, 60, 100A, 103, Majestic 52, and other radio, tube, and Test Equipment manuals. Also some Novelty radios. LSASE for list. N.I.B. Western Electric 421A-\$55 postpaid. **WANTED:** Speaker/output xfmr. assembly for RCA 5T1. Herman Gross, 1705 Gordon Dr. Kokomo, IN 46902. (765) 459-8308, c-mail w9iut@mindspring.com

Try This on YOUR Antenna



Radio Topics – March 1923

Ochestraion De-Lux Horn Speaker Variations



A thick base version using a large driver arm reproducer. No manufacture's name on the reproducer. Horn is identified as manufactured by the Radio Cabinet Company, Indianapolis.



A shallow base version using a smaller driver arm reproducer, manufactured by J. S. Timmons, Philadelphia. Horn is identified as manufactured by Bremerman & Son's, Indianapolis.