

BULLETIN

Indiana Historical Radio Society
PRESERVATION FOR POSTERITY

VOL. 23

MARCH 1994

NO. 1

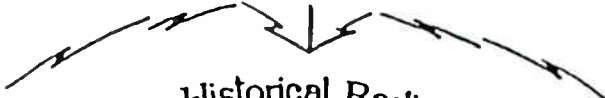
ATION



From left: Pattie Adams, Marjorie Fitzpatrick, Inez Shuck, Marilyn Johnston, and Dick Bury.



2/19/94 Contest winners, see page 4.


 Indiana Historical Radio Society
 BULLETIN

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IHRS RESPONSIBILITIES

Activities,
 Business,
 Publicity

Sites and Dates
 of Meetings

Applications,
 Correspondence

Dues,
 Financial,
 Address Changes

News,
 Articles,
 Radioads

Donations,
 Scrapbook
 Material

Bulletin Deadlines

News, Articles, Radioads--2/15, 5/15, 8/15, 11/15

BOARD of DIRECTORS

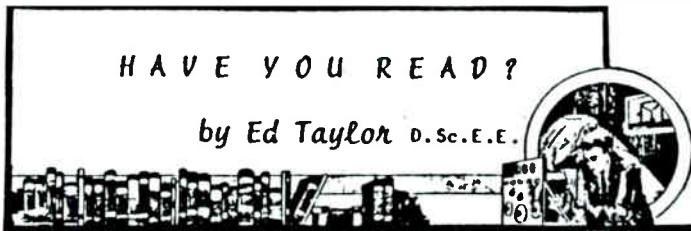
Dr. Michael A. Clark
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Fred C. Prohl
 Eric Sanders
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 James Thomas
 Eric VonGrimmenstein

The Indiana Historical Radio Society is a non-profit organization founded in 1971. Annual membership dues are \$10.00, which includes the quarterly *IHRS Bulletin*. Radioads are free to all members. Please include a S.A.S.E. when requesting information.

HAVE YOU READ ?

by Ed Taylor D.Sc.E.E.



Radios

of the Baby Boom Era

1946 to 1960

Imprint of Howard W. Sams & Company
Indianapolis, Indiana 46214-2012

This is an extraordinary visual journey in search of that ever-elusive object, the perfect radio. Radio aficionados will encounter the mundane to exotic works of art in this six volume series which offer picture references from the Sams PHOTOFACT® library.

With approximately 3500 photographs of radios, these guides will be of assistance in identifying most radios which were manufactured in the 14 year span immediately following World War II. Arranged by brand names, there are two radios pictured on each page. Yes, catalins and early transistors are included.

How refreshing to find a recent publication with useful information but without some, self-appointed, "expert's" supposition of appraisal or monetary value. This is NOT a price guide.

In the back of each volume are four indices:

- * Tube line-up of pictured radios.
- * Tube substitutions.
- * Similar model numbers to pictured radios.
- * Listing of manufacturers, location, and brand names.

Basic trouble-shooting tips, to help solve old radio service problems, are also included. Copies of schematics and service data, on any of the pictured radios, are currently available from the Sams Company.

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*For radio enthusiasts everywhere,
keeping the memories alive*

March 1994

Dear IHRS Members,

Hope your Christmas and New Year's Holidays were great and that you acquired whatever you have always coveted and wanted--in mint condition. We didn't spend the holidays with children and grandchildren but we were with our brothers and their families and we had fun and now have great memories.

Inez and Bob Shuck must have prayed for a month for the great meet they hosted. The February 19 IHRS Winter Meet was larrrrge and well-attended. Weather was baaaad before and after the meet but exceptionally nice for the meet.

First Place in the Popular Vote Contest went to Edna Yanczer, Warson Woods (St. Louis), Missouri for her Hudson Ross. It was beautiful and deserving. Second Place went to Fred Schultz for his Grebe MUI. Many deserving sets were on display. Congratulations to both of you winners and thanks to all of the members who had entries. Someone commented that there were too many items in the contest, but how can you have too many Favorite Radios? No way.

The luncheon and business meeting were both well-attended. Fred Schultz brought and shared the artist's rendition of the Ligonier, Indiana IHRS Museum blueprint. See the Museum Update article elsewhere in the Bulletin. Good work, Marcella and Fred.

Herman Gross made a report on the progress of the Annual Spring Meeting. One important change will be to have a "Made In Indiana" category in this year's Old Equipment Contest. This will be an ongoing category every year in the future. Also, there will be A Security Person in the contest room this year. Registration, Banquet, and Indoor Flea Market fees have not increased from 1993's and are lower than they were in 1991 and 1992. Read your 1994 Twenty-Third Regional Radio Festival Flier carefully to absorb new facts and changes.

Nominating Committee Chairman, Glenn Fitch, will be contacting members in Kokomo for our 1994 Slate of Officers. Herman W. Gross and Don K. Johnston are

-serving on this committee. Please help these volunteers to complete their thankless assignment. Where would you like to serve?

Chairman of the Auditing Committee, Peter F. Yanczer, and his committee members, Michael Feldt and Robert C. Sands will be auditing IHRS' books in May.

Russell B. Rennaker Sr. W9CRC, author of A Radio Journal, 1912 - 1940, born in rural Grant County Indiana in 1906, played basketball and was on the school track squad, played in the school and church orchestras, obtained his 'ham' license at age 13, received his commercial operator's license and married the girl next door in 1926.

Russ has been in the 'radio business' all of his life: WFBM, Indianapolis; CBS, Chicago and NY; transferred to Washington DC in 1939. Russ was with the State Department during WWII and then went with ITT in Telecommunications.

In 1973 Russ retired and moved back to Indiana with his bride. Now that's an old-fashioned married man! He is active in amateur radio, writes fiction as a second hobby, and is an asset to Indiana Historical Radio Society's Membership. This official Senior Citizen will speak on The Golden Years of Radio at our banquet in May.

Don't we have the most interesting, one-of-a-kind members in IHRS? We are looking forward to Russ and his bride, Ruth, joining us at the Friday night banquet.

IHRS' 1994 is shaping up to be an unusually rewarding year in many, many ways. The museum forecast looks so very rosy. The membership is growing--over a dozen new members at the Indianapolis Winter Meeting. The new BEST OF SHOW Founders' Award will be a reality in May 1994. Renewals are continuing to come in. Meeting dates are all firm and 1995 dates are being worked on. Articles are being volunteered for the Bulletin. Committees are named and are making plans. Let us all continue to be optimistic for IHRS' health and growth.

You are a wonderful group to work with.

Have a safe trip to Kokomo,

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Marilyn

IHRS President

FIRE!

By George A. Freeman

(c) WIKI 1994

(Installment I.)

Bud Wyatt glanced out his kitchen window. His mouth dropped. Less than 40 feet away dancing flames and silent smoke reached four times as high as my garage right next door. Bud's mind raced. He pondered escape routes for his wife and daughter. He phoned for help. Firemen were already on the way. He phoned me. No answer.

I was driving home to Madison, Indiana on a five-hour trip from Cleveland, Ohio. I would know nothing of the fire until I tried to get my car into the garage late that Saturday afternoon, October 17, 1992.

I spotted signs of the fire as I entered the alley. Mounds of black litter lay ahead. My neighbor's 19th Century wooden barn was completely gone including boxes of antiques and collectibles stored inside. My concrete block garage containing some 350 vintage radios and collectibles remained but the roof had been ablaze. Roofing shingles melted down the front of the garage in thick, black ooze.

I was suffering more damage inside myself, silently, than the building was. None of the neighbors had to leave their homes. Bud Wyatt took the pictures accompanying this series.

I couldn't bring myself to phone my friend and insurance man, Bob Gardner, until the next day, a Sunday. He met me at the disaster site. Bob said he'd notify the insurance company and offered to find someone to cover the opened burned out roof and get a bid for work to restore the building. I bought a lock and a chain to secure the door firemen had broken open to fight the flames.

Tommy Scroggins, contractor, covered the opened roof sections with bright blue tarpaulins. It rained that weekend. Scroggins' workmen began removing debris October 26. My neighbor, who had lost the barn, phoned me complaining her insurance man still hadn't returned her frantic calls to report her loss. My new garage roof was completed October 29.

LESSON ONE: Make sure your insurance representative is competent, experienced, and responsive. Your rep may have to go to bat for you in even an adversarial role with the insurance company. Learn if he/she can do that.

LESSON TWO: Make sure the insurance company your rep wants to hook you up with can do their job professionally. Bob Garner advises you ask about the Best Guide Rating for the company being touted. Bob calls this the authority on the rating of insurance companies. Consumer Reports Magazine rated my firm, Cincinnati Insurance Company, No. 2 for satisfied customers in a survey reported August of 1992. I had three previous losses due to freezing pipes and lightning strikes at my radio station, WIKI, and knew from experience Cincinnati would promptly take care of their responsibilities. My check for \$6,300 dated October 30 covered the repairs to the interior and roof of my garage less my deductible--a new roof for \$100!

LESSON THREE: DOCUMENTATION Since I began collecting radios, I attempt to document each radio, reproducer, tube, microphone, advertising piece, etc. by means of 12 indices: (1) Trade Name (2) Manufacturer (3) Model Number (4) Serial Number (Fellow MAARC Member, Joe Pawell, points out serial numbers can add value and/or information about the manufacturing valuable sequence in assessing the artifact.) (5) Year of Manufacture (6) Does it have accompanying schematic or tube layout? (7) Interesting Features (One radio's paper labels were completely obliterated by the Firemen's hoses. I finally ID'd it by the call letters on one of the pushbuttons. This had been noted in my item 7.) (8) Value when I bought the item (9) Price I paid (10) to whom, and date and place of the transaction (11) Documentation I subsequently find to describe, advertise the item (12) Retail price of the artifact when it was originally offered for sale.

Sound like a lot of record keeping? It's fun! We're all tempted to lavish attention on the most recent acquisition at the expense of older 'finds'. This record-keeping is a healthy means by which you vent your new found zeal when details of the transaction are fresh. The process is a value-adding function you'll find constructive and it enhances your artifact.

The above documentation procedure was key to my getting a second insurance check for over \$16,000 to cover losses of my old radios.

(Installment 2 details the step-by-step process of filing your claim.)

See fire related photo on the back cover of the Bulletin

REPLACING ELECTROLYTIC CAPACITORS

Chester A. Gehman
150 Burwell Road, R. 2
Winsted CT 06098

In restoring 'old' electronic equipment--especially those of vacuum tube design--replacement (or at least THOROUGH testing) of electrolytic capacitors is recognized as standard procedure. Several methods used by 'restorers' will be recognized as one encounters more and more examples. Perhaps the WORST case I have encountered was one where an 'open' electrolytic was merely shunted by a 'hang-up' under the chassis. True, this probably reduced the original complaint of hum and/or oscillation, but it left the receiver vulnerable to certain future problems when the 'open' capacitor finally shorted.

A more acceptable technique involves disconnecting the suspected unit and replacing it with a suitable hang-up under the chassis. Of course, if RELIABLE 'can' capacitors are your good fortune to own, replacement is cosmetically ideal, both above and below the chassis. There are very few sources for suitable can-type units, and most NOS capacitors--even after careful reforming--suffer from excessive leakage, reduced capacity--or both. New high-efficiency electrolytics in tubular form make ideal replacements.

Several of my fellow collector-restorers have attempted to retain the results in as nearly original form as possible--both above and below the chassis. (How many 'repaired' receivers have you encountered where the 'guts' is dangling dangerously loose?) Some have more or less carefully removed the top seal of wet electrolytics and hidden replacement tubulars inside. This is fine--except for the obvious butchering of the top cap.

I do considerable work with Philcos, Grunows and other receivers using can-type electrolytics and use the following procedure. First, carefully disconnect (all) leads to the original unit, noting polarity and the SOURCE of the leads. (Make your own schematic if none is available.) Be aware that the negative terminals of filter capacitors do not ALWAYS return to chassis; input capacitors, in particular, may return to CT of HV xformer. Second, if the can is fastened by a clamp (as with many Philcos) measure from the bottom of the capacitor to the CENTER of the clamp, then remove the unit. (The can is going to be cut at that center line.)

Third, if the unit is of the WET variety, and still contains liquid, hold it upside down and drill a small 'drain' hole in the very bottom.

CAUTION--the electrolyte is quite caustic--dispose of it wisely. Fourth, carefully scribe a line around the can at the level found in step no. 2. Scribe a second short line intersecting the first at right angles. This second line is to assure proper alignment of the two parts after dissection. See Figure 1.

Fifth, using a FINE hacksaw blade, VERY CAREFULLY cut off the bottom, following the mark made in step no. 4. (I use a jeweler's blade.) Now clean out the old material, including any insulating lining. Sixth, obtain a piece of THIN metal about twice as wide as the measurement of step no. 2 and just long enough to fit snugly INSIDE the can as a patch. (Suggested material: aluminum beer or soda can.) This may be nestled down inside the bottom section of the unit and secured with epoxy applied to the INSIDE of the can--not to the metal patch. See Figure 2. Seventh, assemble suitable replacement cartridge capacitor(s) with insulated color-coded wire extensions: red or orange +; black or brown for -. Insert replacements in top of unit. (I use corrugated pasteboard to fill the void). Feed wires through bottom, apply epoxy to INNER surface and rejoin the two section, using the alignment mark.

When the epoxy has set, replace the 'new-old' can electrolytic and reconnect. The clamp (if one was employed) will hide the incision. This also works on cans held by a threaded stem and others. Keep the cut near the bottom. ENJOY.

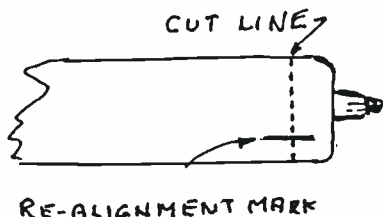


FIG. 1

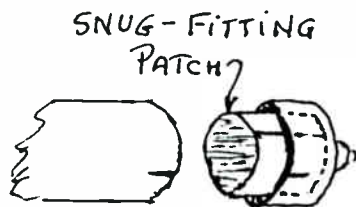


FIG. 2.

RESTORATION TIPS
SERVICING PADDER TRIMMING CAPACITORS

by Ross A. Smith

Padder capacitors are screwdriver adjusted trimmers that are larger than antenna or oscillator trimmers. They are used for peaking the low end of the broadcast band of the larger sets of the 1930s, 40s, and 50s. Because of the extra cost involved, there were millions of small ac-dc sets made during this period with no padder capacitors. Sets without padder capacitors must be aligned by using the oscillator trimmer on top (or side) of the oscillator section of the tuning capacitor. The alignment procedure is to rock the tuning dial back and forth very slowly while adjusting the trimmer in very short steps until the position of highest output is reached on the tuning meter you are using for the alignment operation. I use 600 to 650 Khz on the signal generator. Some instructions will call for 550 Khz on the signal generator. Some instructions will call for 550 Khz at the bottom of the dial. In turn, the high frequency end of the dial is peaked with the antenna trimmer--usually located on the antenna section of the tuning capacitor. If you are lucky, low and high ends of the dial will track and you will have maximum output on both ends and between. If not, a compromise will need to be made between the two, or bending of the tuning capacitor plates at the high frequency end may be necessary. Good tracking on both low and high ends is much easier to obtain when a padder capacitor is used.

A 1930s vintage RCA came in the other day for circuit restoration. After a complete re-capping--including electrolytics--the set played but refused to respond to low end alignment. Upon examination, it was found that the PADDER screw would not turn because of heavy rust between the screw and the mounting threads. After filing and soaking with WD-40, still no results. The capacity of the old

trimmer was checked and found to be frozen at a value around 800 uuf. A new trimmer was required with a range of 400 to 900 uuf. It was a large compression type with multiple plates and mica insulation with higher capacity range than even the 350 uuf antenna tuning section of the tuning capacitor. WHAT TO DO? Trimmers in my stock were all too low. In checking the Antique Electronics Supply catalog, none were listed that were large enough. After pondering over the problem an idea flashed before me. My stock box contained a ceramic trimmer section from an old IF transformer with two trimmers (I always save everything). By connecting the two trimmers in parallel and connecting a disk capacitor of 390 uuf in parallel with them, I came up with a trimmer range of 400 to 900 uuf--exactly the range of the frozen trimmer. After installation, the padder worked very well and low end sensitivity increased considerably.

A good capacity checker (meter) is essential for restoration. It cannot only be used for checking capacity values, but used to ensure that every capacitor you use, including new ones, are up to par. Re-forming electrolytics is easy with the voltage steps provided.

SAD NEWS

ONE OF IHRS' BEST "BEHIND THE SCENES" WORKERS, HERMAN ZEPS, HAD A MISHAP. HE FELL ON THE ICE AND BROKE 2 BONES IN HIS LEG (WHICH ONE, HERMAN?) HIS FIRST CAST INHIBITED THE MOVEMENT OF THE KNEE. HE NOW HAS A CAST ON THAT PERMITS MOVEMENT OF THE KNEE. HIS DOCTOR HAS ADVISED THAT THERE WILL BE AT LEAST ONE MORE CAST DOWN THE ROAD. WE MISSED YOU AT INDY LAST MONTH, HERMAN. YOUR IHRS FRIENDS WISH YOU A SPEEDY RECOVERY SO YOU MAY JOIN US IN KOKOMO--YOUR OLD ALMA MATER! How about sending your Buddy a Get Well OR sympath card? Herman's address: P.O.B., 319 South Williams, Bluffton IN 46714

WE WANT TO SEE YOU IN KOKOMO, HERMAN!

INDIANA HISTORICAL RADIO SOCIETY'S MUSEUM UPDATE

By Marcella and Fred Schultz, Curator

The IHRS Museum, to be located in Ligonier, Indiana, has been given a Free Booth at the Creative Visions Antique Mall in Ligonier. All proceeds from the donations go to the Building Restoration Fund. Anything collectable will be appreciated and items need not be radio related. Now is the time to clear out the attic, basement, or garage for a good cause. Items may be dropped off at RADIO SHACK in Ligonier or call 219/894-2779 (days) and we will pick up the items at the May Meeting in Kokomo.

On February 26 the Committee for the Ligonier Visitors Center and the Antique Radio Museum held a donation auction. Many people in the community made donations and--despite the extremely cold weather--over 2,500 dollars was raised. This amount will be matched by a local donor.

Another Ligonier businessman had already donated 1,000 dollars to go toward property taxes, insurance and miscellaneous expenses. The museum project has been well-received in the community. Many citizens have been graciously volunteering their time and money.

CRYSTAL RADIO KIT

For those collectors who are looking for different types of crystal radio kits a new one is now available. The copy of the advertising shown on page 18 is printed on a box of "Little Debbie Lemon Stix". The coupon and \$5.95 will get you the crystal radio kit. If you don't want to buy a box of Lemon Stix I have a few coupons available, one to a collector, which I will send you upon receipt of a 29¢ stamp.
Jim Fred, Editor.

"WITH DEEP APPRECIATION"

"Dear Marilyn, tell everyone thank you for the get well card following my hip surgery. I'm home and no more pain. Hallelujah! Always thought it was my knees. They bother a little but can live with them. Am anxious for the restrictions to be released but it takes time.

"Glad to hear all your family is well. Imagine the children are growing. We plan to come to Kokomo. Hated to miss Indianapolis but was in hospital.

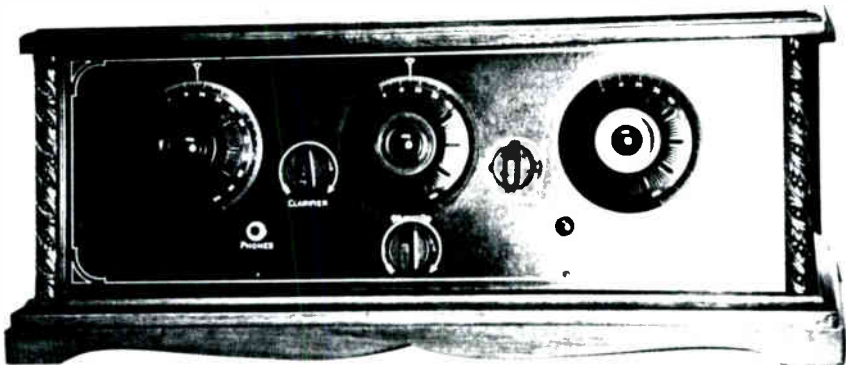
"If you put a note in your news letter I'd be grateful.

Until Later,
Carolyn"

Note: Ladies, if you didn't get an opportunity to send Carolyn Knipfel your get well wishes from Indianapolis, her address is R. 3, 200 Langham, Morton IL 61550. If you have never met Carolyn, you will enjoy meeting one of the mainstays and backbone of the Antique Radio Club of Illinois at our IHRS Spring Meeting.

WE WISH YOU A SPEEDY RECOVERY, CAROLYN, AND WE'RE LOOKING FORWARD TO SEEING YOU SOON.

Until May, Your IHRS Friends



13 Wheeler Aertone, 5 tube, uses 201A's, a very conventional 3 dial TRF set.

IHRS FOUNDERS' AWARD

By D. Johnston & J. Thomas

The annual presentation of IHRS' BEST OF SHOW Trophy will continue at the 1994 Spring Meeting in Kokomo, Indiana on May 13 and 14.

The original IHRS' BEST OF SHOW project, conceived by Glen Rogers and Ron Scranton, was kicked off at the Auburn, Indiana Meeting on May 9, 1981. Trophies were presented annually for thirteen years. See Vol. 22, No. 2 for names of the recipients of the past trophies and Vol. 22, No. 3 for the announcement that active Charter Members are making contributions to the Founders' Award project. The new trophies will be practically the same as the Scranton/Rogers awards but will bear a plate designating "Founders' Award" and the presentation "date".

The plan is for the new trophies to be awarded for the next ten years at our annual Spring Meets. The Master Trophy will have the winner's name inscribed each year and will be on display in Dr. Taylor's Museum until the new museum in Ligonier, Indiana is a reality. At that time the Master Trophy will be proudly displayed in IHRS' Museum. Will your name be recorded on the Master Trophy in the next ten years?

It is always a great pleasure for the judges to make the decision on BEST OF SHOW and for the Contest Chairman to present the trophy. If you lost out previously or--if your radio related item did win--now is a golden opportunity for you to win a Founders' Award. No radio related item may receive a BEST OF SHOW trophy more than once. The IHRS Member may be awarded the BEST OF SHOW Trophy more than once for another radio related item.

Only IHRS active Members are eligible for the FOUNDERS' BEST OF SHOW AWARD.

Judges will be IHRS Members. There will be at least three judges and no more than five. Judges are not to vote pro or con on their own entries. If there is not a majority vote among the judges, Members of the Board of Directors who are present at the Spring Meeting will agree on a qualified Member to cast a vote to create a majority. If fraud or misrepresentation is proven to the satisfaction of the judges, another eligible entry will be chosen from the remaining radio related items. The fraudulent entry and owner will be disqualified.

If the rules need amendment in the ten-year period, the active Founders will rewrite, amend, and agree by a majority on the revisions.

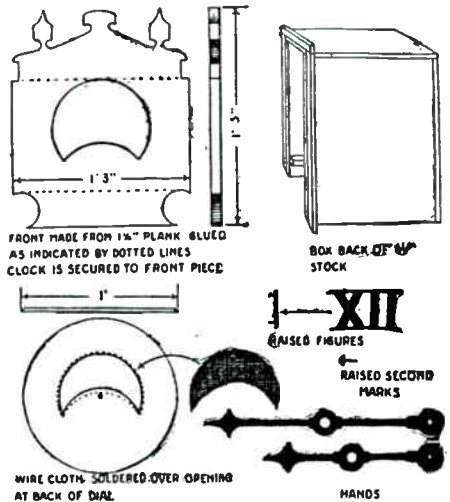
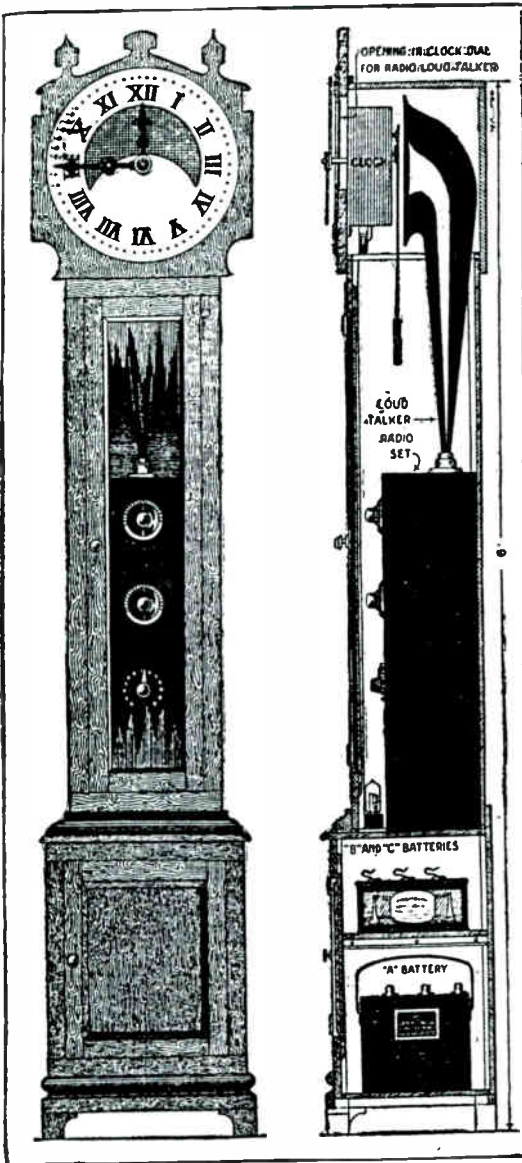
Remember, BEST OF SHOW radio related items cannot be awarded a trophy more than once. This includes the radio related items awarded the Rogers/Scranton Trophies. The owner(s) of the radio related item(s) must be current IHRS Member(s) and may be an IHRS Founder. The Member or Founder may be awarded the BEST OF SHOW Trophy more than once for a radio related entry during the ten years that the Founders' Award project is enjoyed.

IHRS 1994 CALENDAR

- Friday & Saturday, May 13 & 14
Ramada Inn, Kokomo, Indiana
Contact: Herman & Shirley Gross
317/459-8308
- Saturday, August 27
High Dive Park, Elkhart, Indiana
Contact: Ross A. Smith
219/295-7770
- Saturday, October 15
Riley Park, Greenfield, Indiana
Contact: Glenn Fitch
317/565-6911

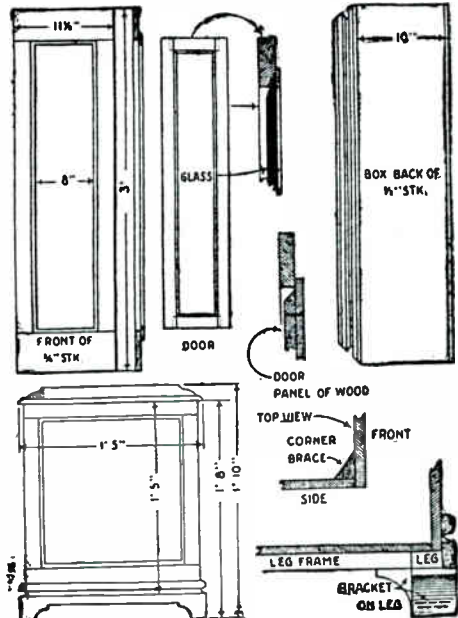
Home Mechanics

Putting the Radio Set in Grandfather's Clock

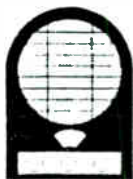


Above is shown in detail the construction methods for the top of the clock. The front is composed of two or three separate pieces glued together to give the necessary width. The box to contain the clock is fairly simple. Note the brackets for fastening the front to it. The dial may be of brass or copper, with a few coats of enamel. The numbers may be procured at almost any hardware store and are enameled black. The same is the case with the hands. The numbers and minute marks are fastened to the dial with pins as shown. The wire cloth outlet for the loud speaker is soldered to the rear of the dial.

—William Butterfield.



The furnishings of no home are complete without a Grandfather's Clock. One of the best adaptations for it is the installation of the radio set in its body. The illustrations here not only show how to place the radio set in the clock but also show how to construct the clock itself. Directly above is shown a front and side elevation of the complete piece. The clock work is contained in the top, the radio set proper is installed in the pedestal and the batteries necessary for operating the set are placed in the bottom. The radio cabinet is, of course, set on end. The loud speaker is placed on the top of the radio cabinet and the horn delivers sound through a perforated metal aperture in the dial of the clock. The actual design of the radio cabinet must be such that it will leave room for the horns on top, which must set evenly on end and be held fast to the back of the clock case. Details for the construction of the pedestal and base of the clock case are shown at the right. All trim used is standard and may be obtained at any lumber yard. It will be found best to use walnut or oak throughout, though other woods will serve. The completed piece may be finished in any style to suit the builder. All joints should be tongue and groove style and should be glued. Likewise the corner braces should be glued and tacked. Heavy ordinary glass or beveled edge plate glass may be used for the pedestal door.



Society for the Preservation of Antique Radio Knowledge
Proudly Presents:

Midwest RadioRama 94

A Show, Swap Meet, and Gathering for Antique Radio Enthusiasts

Cincinnati, Ohio - June 25 & 26, 1994

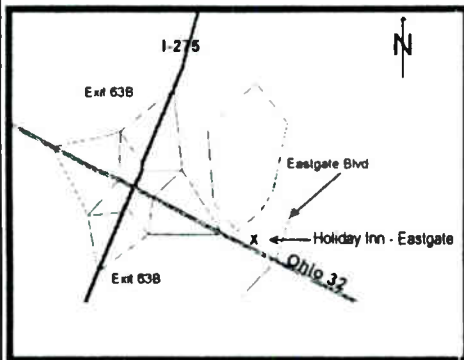
Host Hotel:

Holiday Inn - Eastgate
(I-275 at Ohio 32 Exit 63B)
4501 Eastgate Blvd
Cincinnati, Ohio 45245
(513) 752-4400

Deadline for Guaranteed Room Reservations:
June 12, 1994

Note:

You must mention this event when reserving and registering for rooms at this hotel to assure proper handling and room assignment.



General Admission:

\$7.00 per Family. (All at one address.)
One fee covers both days' activities.

Swap Meet Vendor Fees:

\$15.00 Per Parking Space
(Includes General Admission passes for two)
One fee covers both days' activities.

Agenda

Friday, June 24

6:00PM - 9:00 PM Hospitality Room
Snacks, Beverages
Comaraderie

Saturday, June 25

Dawn to Dusk Swap Meet
8:00AM - 10:00AM Exhibit Check-In
12:00PM - 5:00PM Open Exhibition: Loudspeakers 1924-1929
2:00PM Tour: Gray History of Wireless Museum
4:00PM Seminar: Early Electrostatic Speakers
7:30PM Seminar: A Discussion of the Design and Operation of 500,000 Watt WLW, 1934 - 1939

Sunday, June 26

Dawn to Dusk Swap Meet
10:00AM - 12:00PM Open Exhibition: Loudspeakers 1924-1929
1:00PM - 2:00PM Exhibit Display Removal
2:00PM Tour: 500KW WLW Site

Door Prizes - Saturday and Sunday!

OPEN EXHIBITION

Loudspeakers: 1924 - 1929

A secured, open exhibition of unique Loudspeakers manufactured between 1924 and 1929 will be the Featured Exhibition at Midwest RadioRama '94. Persons wishing to display unique examples of early loudspeakers should contact Peter Palm, (513) 561-4411, by May 31, 1994 for display consideration.

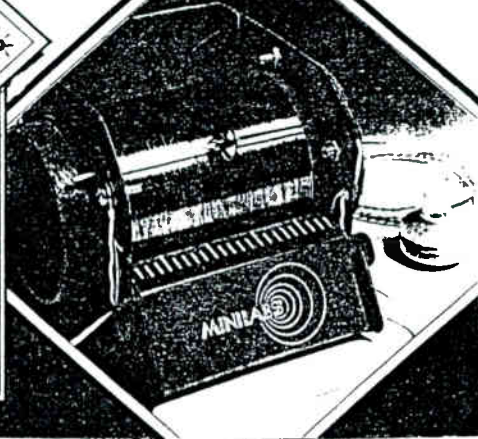
Information

For more information about Midwest RadioRama '94, or to reserve Vendor Spaces, contact Harold Parshall at (513) 298-4044 (weekdays 9-4 ET), or (513) 268-2909 (evenings until 9:00 PM ET)

CRYSTAL RADIO



- BUILD A REAL WORKING RADIO
- COMPLETE WITH A TUNING COIL, ANTENNAS, AND EARPHONE
- NO BATTERIES NEEDED
- EASY ASSEMBLY
- AGES 8 THRU ADULT



Wouldn't it be fun to play detective and make your own fingerprints? With one of these kits, you can do just that. Some of your science dreams can become reality. Let the Crystal Radio, Electro-magnetix or Fingerprint science kits be your beginning into the world of science. Each kit includes easy-to-follow instructions. For ages 8 & up. Adult supervision is recommended.



Send order form to: Science Kit Order P.O. Box 9855 Clinton, IA 52736 989B

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Allow 6-8 weeks for delivery. Offer good in the U.S. only. One order where prohibited, restricted, or regulated.

Offer expires August 31, 1994

(Offer expiration date is not related to product freshness date.)

Shipments made to Commercial USA destinations only.
AGES 8 & UP ADULT SUPERVISION RECOMMENDED!
Order form may not be reproduced.



LEMON-BITE

ITEM	QUANTITY	PRICE EACH	TOTAL
Crystal Radio Kit	1	\$5.95	
Electro Magnetix Kit	1	\$5.95	
Fingerprint Kit	1	\$5.95	

Add Shipping and Handling

\$1.50 for the first kit

\$1.00 for Each Additional Kit

Georgia & Iowa Residents Add Applicable Tax

TOTAL -CHECK OR MONEY ORDER ONLY

(Make check or money order payable to: Science Kit)

See page 12 for details.

HARDIN "MAC" McCAULEY

Word has been received of the death of a long-time IHRS Member--Mac McCauley, 72, of St. John, Indiana. He died December 22, 1993.

He is survived by his wife Ruth; two daughters, Mary Ann Sacco of Merrillville and Betty J. of DeMotte; three sons, William of Bloomington; Ronald of St. John, and Dale of Crown Point; ten grandchildren; four sisters; two brothers and numerous nieces and nephews.

Mac was a retired employe of the Blaw-Knox Company, veteran of World War II, and a member of St. John Evangelist Catholic Church, where Mass was held on December 28 with the Rev. Keith Virus officiating. At rest, Chapel Lawn Memorial Gardens, Schererville.

Mac was a Ham Radio Operator and a member of IHRS for 21 years. He joined in February 1973. He will be missed by his many friends at our northern Indiana meetings. Our deepest sympathy goes to his family from the Indiana Historical Radio Society Membership.

HELEN H. HANSELMAN

May 15, 1910 - January 3, 1994

Word has been received of the death of Helen Hanselman.

In the 1970s and during the early, formative years of IHRS, Helen and her husband, Dr. Russell C. Hanselman, were very active IHRS Members. They both contributed a great deal to IHRS growth. Dr. Hanselman died in 1983.

Helen was a graduate of Oberlin College in Ohio, a former head biologist and chemist for Abbott Labs in NY, and she taught at Smith College.

Helen is survived by one son, Keith, of Angola, Indiana.

Indiana Historical Radio Society Members send Keith and his family their sympathy in the loss of his Mother.

<u>New Members Joining In:</u>	<u>Dues</u>	<u>Pro-Rated Dues + Next Year's</u>	<u>Bulletins</u>	<u>Total Dues</u>
Jan., Feb., Mar.	\$10.00		4	\$10.00
Apr., May, June		\$7.50 + \$10.00	4 + 3	17.50
July, Aug., Sep.		5.00 + 10.00	4 + 2	15.00
Oct., Nov., Dec.		2.50 + 10.00	4 + 1	12.50

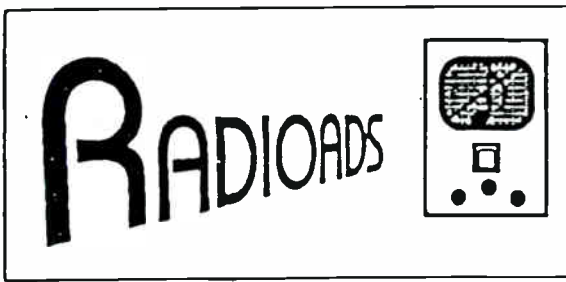
HUSBAND AND WIFE, FATHER AND SON, BROTHERS, ETC. ARE ONE MEMBERSHIP, AT THE SAME ADDRESS. DUES ARE \$10.00/YEAR or \$12.00/YEAR FOR OVERSEAS. (U. S. CURRENCY, PLEASE) MEMBERSHIPS RUN FROM JANUARY 1 TO JANUARY 1. THE FIRST YEAR'S DUES MAY BE PRO-RATED AT \$2.50/QUARTER WITH THE SECOND YEAR'S DUES IN FULL. FOUR BULLETINS ARE SENT ANNUALLY TO PAID MEMBERS.

W A S Y O U R E N V E L O P E M A R K E D

DUES RENEWAL NOTICE

A G A I N ?

Dues renewal payments have been coming in to your IHRS Treasurer at a very good rate BUT some of you are still delinquent! Please send your dues to Dr. Michael A. Clark, Treasurer, R. 2, Box 90, Franklin IN 46131 You will be helping your Treasury if you include a Self-Addressed Stamped Envelope for the return of your Membership Card and Receipt.



WANTED: or will trade for a box or cabinet for a 1927 Orpheus resistance coupled radio. Glenn Fitch, Box 246, Carthage, IN 46115. PH. 317-565-6911.

WANTED: telegraph instruments of all kinds, or shape, form, or condition. Also signs & books relating to same, especially Postal Telegraph & or Western Union, stock tickers, and all ancillary items. Will pay CASH.

FOR SALE: telegraph instruments & allied items (catalog \$2.00) + SASE. Goodman, 636 W. Grant, Charleston, IL 61920. Phone, 217-345-6771.

WANTED: phono cartridge, Zenith#142-72, ceramic for Cobra tone arm-turntable. Stephen Ewbank, 334, Branded Blvd., Kokomo, IN 46901. Ph. 317-457-2033.

WANTED: Buick Super Sonomatic radio to fit early 1940's car. This radio has 3 short wave bands. Arlo Brakel, 201 Deer Meadow, Gahanna, OH 43230. PH. 614-224-8606.

WANTED: Coils for HT-17, need 40M-10M QRP gear. Harry Blesy, 2409 Northgate, North Riverside, IL 60546. PH. 708-442-8855.

WANTED: audio transformer for Grebe MU-1. John Hollis, 4830 W. 73rd Ave., Schererville, IN 46375. Ph. 219-769-3102.

WANTED: seeking an old double button carbon microphone w/ring etc. or old RCA 77 or 77DX mic. to authenticate "Jazz Lives" program I produce for WICR. Bob O'Friel, 7631 Cape Cod Circle, Indianapolis, IN 46250. PH. 317-849-4028.

WANTED: Doron Brothers Electric Co., Hamilton, OH radio equipment & related material. Charles Stinger, 404 Ross Ave., Hamilton, OH 45013. Ph. 513-867-0079.

FOR SALE: Zenith Wave Magnet, SW & reg, 6½ ft. cord, & flat cap. VG, \$25.00, Philco remote 9 X 8 X 5, dial mechanism, tube & coil, good shape, \$35.00, plus shipping on both. Gilfred Baker, Box 139, 112 Pearl St., Emden, IL 62635. Ph. 217-376-3828.

WANTED: tube rejuvenator. Terry Ernsberger, 15655 CR40, Goshen, IN 46526. Ph. 219-642-3300.

WANTED: Pilot Super Wasp or parts. Emmett Smith, 2714 Alden Rd., Baltimore, MD 21234.

WANTED: chassis from any Philco wireless remote control receiver, especially stepper unit and antenna coil. Dan Healy, P.O. Box 764, Woodacre, CA 94973. Ph. 415-488-4596.

FOR SALE: General Radio 605-B Standard Signal Generator, W/manual & spare set of tubes. Excellent condition, \$75.00. Martin Piepenburg, R 1, Box 56B, Monterey, IN 46960. Ph. 219-542-2591.

WANTED: Daven 1½ X 1½ inch TV neon tube (Kini lamp), for scanning disc TV. Don Joyce, 8088 Whalen, Maineville, OH 45039. Ph. 513- 683-7013.

WANTED: battery box and handle with antenna for Zenith Royal 3000 portable. Francis Leist, 17511 Feighner, Zanesville, IN 46799. Ph. 219-638-4498.

FOR SALE: Philco console 38-116 in excellent condition, untested. \$225.00, also a nice 2 manual (2 keyboard) reed organ in playing condition, \$125.00. This is a small parlor organ and does not have an ornate top. Mike Clark, RR 2, Box 90, Franklin, IN 46131. Ph. 317-738-4649 (eves.).

WANTED: I am searching for a UV 217, a 50 watt type rectifier, half wave, high vacuum tube having a brass base and a tip on top. The other is a half wave, high vacuum rectifier, UV 216, similar to the UX216B, but has a brass base and tip on top. Any leads to either of these tubes will be appreciated. Leo Gibbs, 701 Brookfield Road, Kettering, OH 45429.

FOR SALE: A Radio Journal about the early days of radio by a pioneer of those years. \$9.00 plus \$1.05 postage. Russ Rennaker, 1011 Linda, Dr., Kokomo, IN 46902.

WANTED: Cathedral cabinets, Philco models 20, 60, 70, and 90, others considered, any condition. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. Ph. 219-522-4516.

WANTED: complete instruction manual for original Rider Chanalyst (not the RCA version). Will pay copying, postage, and handling costs. Marc Ellis, 1914 Colfax, Evanston, IL 60201. Ph. 708-869-1695.

ATTENTION: 1970's copies of IHRS Bulletins \$1.00 each. 1980's copies of IHRS Bulletins \$1.50 each. 1990's copies of IHRS Bulletins \$2.00 each. Please include postage with all orders. NOT ALL BULLETINS ARE AVAILABLE.
PLEASE CHECK WITH HERMAN BEFORE ORDERING.
Herman Zeps, P O Box 282, 319 S. Williams St., Bluffton IN 46714. Ph. 219- 824-2058.

FOR SALE: \$200.00 three Honeycomb coils, two 201A tube receiver on 8 panels in 25 X 13 cabinet. Shipping charges extra. Arthur Bardish, 4042 Herman Ave. SW, Grand rapids, MI 49509. Ph. 532-3006.

WANTED: top for Atwater Kent model 55, also base and rear portion of speaker case, (pictured in Dec. 1991 Radio Age magazine). Louis Dombrowski, 363 Kerby Rd., Grosse Pointe Farms, MI 48236. PH. 313-882-5087.

FOR SALE: transmitting and receiving tubes, lots of them, SASE with your needs, will reply with price if I have them. Kent K. Parrott, 3170 W. Water St., Port Huron, MI 48060.

WANTED: AK-85 chassis, AK F-3 & F-6 spkrs., AK-JB speaker, torn cone or grill cloth is OK. Bob Nicholson, 3423 S. Long. Topeka, KS 66605. Ph. 913-266-9473, after 4:30 PM.

ATTENTION: Grebe Synchrophase, good cond., Philco model 90 in excellent playing condition, Philco model 70 in excellent playing condition. Mark Franklin, 4428 Spurrier Road, Big Clifty, KY 42712. Ph. 502-242-9275.

WANTED: glass dial scale for Dewald A-501, Round dial glass for Delco 1107 tombstone, Emerson 518 dial scale/window and knobs or will buy entire radio. Paul Garbarczyk, 7805 S. McVicker, Burbank, IL 60459. Ph. 708-599-8823.

FOR SALE: Brunswick Panatrope model Az-944 with original instructions and magazine ad. Original radio appears to have been replaced with a 10 tube RCA 5W7, \$400.00. Zenith Spinet model 10-H-571, it's all there, but needs some cabinet work, \$350.00. Mike Clark, RR 2, Box 90, Franklin, IN 46131. Ph. 317-738-4649 (eves).

WANTED: Philco Transitone, 49-501, 49-502, 49-503, also Truetone D2018, Silverstone 6110, or any chrome radio. Jerry Westerkamp, 6617 Britton Ave., Cincinnati, OH 45227. Ph. 513-271-9923.

WANTED: any early 1920's radios made by "Super Antenna Co.", Quincy, Illinois. Complete set or chassis only OK. See page 35 of February 1994, AWA OTB. Buy or trade. Allen Jochem, 2205 Broadway Ave., Quincy IL 62301. Ph. 217-223-6751.

WANTED: 1934-1935-1936 General Electric console radio models M-85, M-86, M-69, M-89, A-85, A-86, A-87, A-88, A-125, E-105, E-106, E-115, E-126, and E-155. John Checchio jr, 2629 Decamp Street, Apt 124, Elkhart, IN 46517. Ph. 219-295-7230.

FOR SALE: Photocopies-Service Manuals. AK (450 pages) \$35.00, Crosley Vol. 1 (322 pages) \$25.00, Vol. II (340 pages) \$25.00, Philco (354 pages) \$25.00, AK Instruction Manual (Breadboard models) \$7.50, Radiola 60 instruction & service notes \$8.00. SASE for list. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. Ph. 219-522-4516.

NEW PUBLICATIONS: Restore your Radiola III, IIIA, and Bal. Amp. \$2.00, The Gibson Girl Story, \$3.00, The AN/CRN-16 Emergency Radio Transmitter, \$3.00, The 829-B and 832-A at Audio Frequencies, \$3.00. In about 30 days a booklet titled How to Restore Audio Transformers will be available. All these publications are shipped post paid. James Fred, R 1 Box 41, Cutler, IN 46920.

WANTED: Radio Buffs who are musicians. We are looking to organize a group who are familiar with music of the 1920's to perform for the 1994 Kokomo event. It would be appropriate to play the music that the radios we collect were playing when they were new. At this point we need: a cornetist or trumpet artist, a trombonist, a banjo player, a pianist, a washboard player, and a Tuba, string base, or bass sax player. If this is of interest to you call Bob O'Friel at 317-849-4028 or write to me at 7631 Cape Cod Circle, Indianapolis, IN 46250. We will need some practice sessions.

PHILCO RADIOS: 1928 - 1942
by Ron Ramirez with Michael Prosise

The new book, Philco Radio: 1928 - 1942, offers a comprehensive look at Philco and its home radio receivers from 1928, when the Philadelphia Storage Battery Company began to make radio receivers, until WWII when production of radios was stopped for the duration.

The book is divided into chapters by year. The first chapter serves as an introduction with a brief history of the company through 1927, and shows some of its "Socket-Power" battery eliminators, which Philco marketed for use with battery-operated radio receivers in 1926 and 1927. The following chapters each deal with one model year of Philco's radio line.

Over 500 pictures of Philco sets are in this book, more than half of which are in color. Black and white illustrations used are taken from original Philco literature. The book also gives specifications on each Philco model, including tube count, frequency coverage, and power used (AC, DC or battery).

Ron Ramirez, the principal author, has been involved in antique radio since 1974, when he was introduced to the hobby through Jim Fred's 'Antique Radio Corner' in the now-defunct Elementary Electronics magazine. He eventually acquired a fairly diverse collection before deciding to specialize in Philco in 1990. Soon after, he began research on what became Philco Radio: 1928 - 1942. It was during his research that he became acquainted with Michael Prosise, who allowed Ron to reprint his monograph, 1928 - Birth of the Philco Radio in his book.

Ron now owns nearly sixty Philco radios made between 1928 and 1938, having sold or traded off all his other radios. He is also founder and president of Mid-South Antique Radio Collectors, and regularly contributes articles to Antique Radio Classified magazine.

Philco Radio: 1928 - 1942 is a softcover book and has 190 pages. It is available at \$29.95 plus \$4 shipping from the author at 811 Maple Street, Providence KY, 42450.

(See picture of Philco Radios: 1928 - 1942, R. Ramirez, and J. Fred on the back cover.)



See page 27.



FIRE - see pages 6 and 7.