



Indiana Historical Radio Society
PRESERVATION FOR POSTERITY

VOL. 23

JUNE 1994

NO. 2

THE RADIO EXPERIMENTER'S MAGAZINE

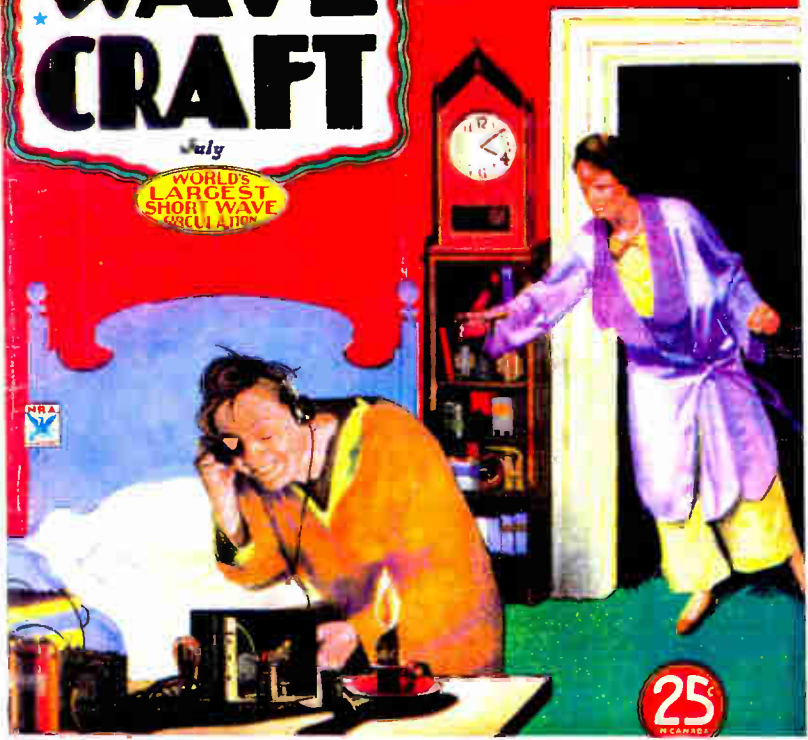
**SHORT
WAVE
CRAFT**

July

WORLD'S
LARGEST
SHORT WAVE
CIRCULATION

HUGO CERNACK
Editor

"AUSTRALIA at 4 A. M."



25¢
U.S. CANADA

Indiana Historical Radio Society

BULLETIN

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 of Meetings

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

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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.



IHRS 1994 SUMMER SWAP MEET

SATURDAY, AUGUST 27

HIGH DIVE PARK PAVILION

ELKHART, INDIANA

REGISTRATION - \$2.00 - AT THE DOOR
INCLUDES SPOUSE AND FAMILY

8:30 A.M. - SWAP AND SELL
COFFEE & DOUGHNUTS FOR EARLY BIRDS

9:30 A.M. - ENTER ITEMS IN CONTEST

CATEGORIES

- i. Radios of 1920s
- ii. Radios of 1930s
- iii. Radios of 1940s
- iv. Radios of 1950s
- v. Your Ugliest Radio
- vi. Your Favorite Radio

10:00 A.M. - PLACE ITEMS FOR SILENT AUCTION

11:30 A.M. - CLOSE OF SILENT AUCTION - 10% DONATION
EXPECTED FOR IHRS EXPENSES

12:00 M. - CARRY-IN DINNER
- VOTE FOR ONE ITEM IN EACH OF THE
SIX CONTEST CATEGORIES

1:00 P.M. - BUSINESS MEETING

2:00 P.M. - SWAP MEET CONTINUES

FOR ADDITIONAL INFORMATION CONTACT:

- DOUG McINTOSH, Chairman
219/264-4658

SEE ELKHART MAP NEXT PAGE

I-80 & I-90

Ind. Toll Road

SEVERAL MOTELS
ELKHART, INDIANA

St.
SR-19
Cassopolis

Bristol Street

IHRS

500 E. Beardslley
[Parking]

WEST BEARDSLEY

ST. JOSEPH RIVER

To South Bend

US 20 City

MAIN ST.

Lexington Ave.

US 20 City

QUALITY MOTEL

NAPPANEE

GOSHEN

S.R. 19

US-33

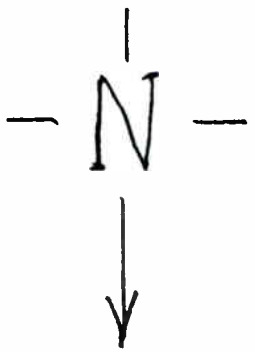
SOUTH MAIN ST.

US 20
By-Pass

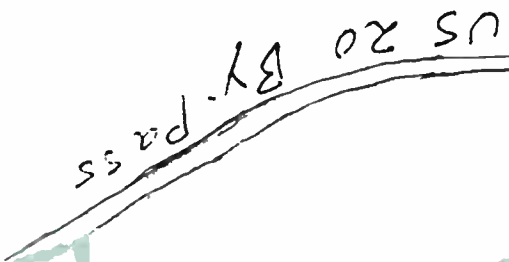
S.R. 1

Nappanee

US-33

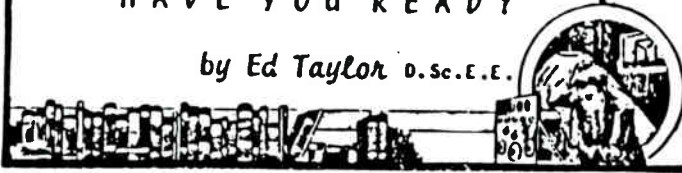


(NOT TO SCALE)



HAVE YOU READ?

by Ed Taylor D.Sc.E.E.



Poster's
RADIO & TELEVISION
PRICE GUIDE

Harry Poster has done a splendid job in upgrading his RADIO & TELEVISION PRICE GUIDE. He has amplified his original 28 page pamphlet to 195 pages in this second edition. He has also expanded the time frame from 1935-1990 to 1920-1990. Most of the collectable radios from the original guide are included in this edition plus hundreds of early battery-type receivers and A.C. radios.

The book is divided into four basic sections:

- * Tube Radios
- * Transistor Radios
- * Novelty Transistor Radios
- * Vintage Television Receivers

Like all pricing guides, the approximate retail value listed is for complete units, with no cracks or chips in the cabinets, and with all of the original knobs and trim pieces. The text states that the radio or TV need not work to command the listed prices.

There are hundreds of black and white illustrations plus eight pages of color photographs to assist in identifying the receivers.

ISBN 0-87069-687-4 is published in paperback by Wallace-Homestead Book Company at \$17.95.



IHRS/AWA 23RD SPRING REGIONAL MEETING

1994's Spring Meet was a rousing success if measured only by the wonderful weather and number of attenders! Possibly the largest meet IHRS has ever held.

Thursday noon I arrived at Ramada with cans of blue marker spray to mark the flea market spaces. It had rained the previous days, which made it impossible to do it earlier. To my amazement, the gravel flea market area was almost half full and active trading going on! There ended my attempt to make the parking spaces any more visible than I'd accomplished a week earlier with some white house paint! By evening the gravel lot was almost full. Some, who arrived late Friday morning, were put in the grassy overflow area or in the parking lot East of the Ramada. We had over 90 flea market 'vendors' this year. (The grassy overflow area might not be available next year because of construction planned for that area. This may pose a real problem for us!)

Edna and Pete Yanczer, and John Jones hosted the Thursday evening Hospitality Hour again this year. Edna served coffee, cokes, and popcorn with help from Shirley Gross. Pete and John presented an amusing evening of very high quality oldtime movies, including a brief film featuring the 'Hoosier Hot Shots'. The films selected by Pete and John were quite a hit judging from the laughter heard during the showing of the comedies. Thanks again Edna, Pete, John and Shirley for a most enjoyable evening. A great way to kick off the May Meet!

The Seminars on Friday got off to a slow start. It's hard to pull oneself away from the flea market! But attendance picked up nicely. Our thanks to Carl Bryant, Bob Miller, Ross Smith, and Pete Yanczer for presenting an interesting program. Thanks to Pete for coordinating the Seminars.

The Ladies Luncheon, held this year in the Red Lobster's Cabin Room, was well-attended. Those who didn't go missed out on a terrific presentation of early quilt design history by Xenia Cord, a Hoosier Historian. She showed samples of 19th and 20th Century quilts, two of which related to radio. The history of

the WLS Quilt was intriguing. Many thanks to Shirley Gross, who arranged this event and put together bags of favors for each attender.

The Friday evening banquet was BIG. Sixty-eight people packed the Haynes-Apperson room. Two more tables had to be quickly set up--we had lost track of how many tickets were sold. Luckily, the cooks had prepared enough entrees.

The feature speaker was Mr. Russ Rennaker. He shared personal stories of his life as a broadcast engineer in the very early days of radio. An interesting article about Russ can be found on page 5. of the March 1994 IHRS Bulletin. Russ is an occasional contributor to the Bulletin.

In December 1993 I contacted Mr. Rennaker to ask if he would be our banquet speaker. I met with him and his wife, Ruth, in their home. He wasn't sure if anyone would be interested in hearing about his experiences. I assured him we would be. He asked for time to think it over. After the Holidays, in January, he called me and said he'd do it. I met with him again to discuss some details. I was very relieved that he accepted. For the next couple of months Russ honed his presentation, using a tape recorder as an aid.

We all know now that Russ held the audience spellbound! After the banquet many people flocked around Russ to ask questions and to get a copy of his publication, A Radio Journal 1912 - 1940, personally autographed. Thanks, Russ, for adding to our most enjoyable evening!

Prior to Russ' talk, Jim Thomas, Contest Chairman, presented ribbons to First and Second Place Winners in the Old Equipment Contest. The first Founders Trophy was presented by Jim to Clif Bolton. (See complete Old Equipment Contest Results following my coverage of the meeting.)

Shirley and I solicited local and national businesses for door prizes. They were awarded by a drawing at the end of the banquet. Thanks Shirley for fixing the flower centerpieces and to the following contributors: Pizza Hut, Wal-Mart, Nuts & Volts Magazine, Lowe's, Hook's, Frontier Electronics, Antique Electronic Supply and IHRS.

Clif Bolton was the Saturday Auctions Chairman. On the Monday, before the meeting, our auctioneer called me and said he'd have to back out of his commitment. What a predicament! Mr. Gary Smith (of G. L. Smith & Associates, 317/628-2866) saved the day for us by volunteering to do our Saturday auctions.

I told Mr. Smith that we would need him from 10 a.m. to about 12:30 p.m. Much to my embarrassment, the auction stretched out to past 3 p.m.!! Mr. Smith stuck it out almost to the bitter end, with Clif Bolton finishing up for the last few items. Mega-Thanks to Gary Smith; Clif Bolton; Mike Clark; Alex and Terri Whitacre; Vic, Don, and Marilyn Johnston; Doc Taylor; Pete Yanczer; Ty Gregory; Walt Sanders; Bryan Durbal; and the many others who helped with the auctions. (following this article, see Chairman Bolton's report on the auctions)

Hats off to our intrepid ladies who manned the front lines--the registration tables Friday and Saturday--a thankless job. They were Ruth Clark, Linda Thomas, Shirley Hausske, Shirley Gross, and Terri Whitacre, with intermittent help from me. (That's why I missed the seminars again!) Not a large crew for such an important and involved task.

Thanks to Walt Sanders for helping me clean up the flea market area. I'm told Pete Yanczer went out later and put the litter filled boxes in the dumpster--thanks again, Pete!

Shirley and I learned a lot about putting on this Spring event and have some changes to suggest to those who chair the event for 1995. We welcome suggestions from the membership to help improve our meet. Don't be bashful. Drop us or Marilyn a note with your ideas. You might consider what task you can volunteer for, for the '95 Spring Meet. Every Member is expected to contribute from time to time, you know. We hope we haven't over-looked anyone who helped make this meet so successful! We certainly are grateful to everyone who helped and to the Coca Cola Co. and Ramada Inn, Kokomo for their help and generosity.

We hope a good time was had by all!

Sincerely, Shirley and Herman Gross,
Co-Chairmen for 1994

OLD EQUIPMENT CONTEST RESULTS
INDIANA HISTORICAL RADIO SOCIETY and ANTIQUE WIRELESS ASSOCIATION
TWENTY-THIRD REGIONAL RADIO FESTIVAL

Best of Show & the First Founders Trophy went to Clif Bolton for his RADJO Crystal Set Display

<u>CATEGORY</u>	<u>WINNERS</u>	<u>PLACE</u>	<u>ENTRY</u>
Open Class	Ken Louther	First . .	Zenith 'Walton' Tombstone
	Kent King	Second . .	Workrite Wave Converter
Crystal Sets	Clif Bolton	First . .	RADJO
	George Hausske	Second . .	Steinite
Transistors (Made in USA)	Neal Rogers	First . .	1957 GE
	- - -	Second . .	- - -
Kits/Homebrew	Kent King	First . .	Best Superhet
	Pete Yanczer	Second . .	Day-Fan Kit
Microphones	John Jones	First . .	Microphone Collection, including the First Wireless Microphone
	Pete Yanczer	Second . .	Skinderviker Microphone
Made in Indiana	Mike Feldt	First . .	1925 Cardinola Mod. 2N
	Clif Bolton	Second . .	Kingston B-Battery Eliminator

Ribbons were awarded in all six Categories. Congratulations to all winners and deep felt thanks to all participants.

Please come back next year.

Jim Thomas, Contest Chairman, May 13, 1994

IHRS/AWA AUCTIONS

May 14, 1994

Many, many thanks to Gary L. Smith. Gary did a super job, even though he had worked the night before our auctions. I'm sure he was very tired by day's end. After the auctioneer, who had promised to be there on Saturday, called Herman Gross and canceled out the very week of our meeting, Gary offered to donate his time and talent to IHRS. He was a lifesaver for IHRS.

The Auctions were practically an all day event. They lasted until around 3 p.m. Many donated items were auctioned first and just the donated items put more than \$700 into the IHRS Treasury. The consigned items from members were of nice quality with the highlight of the day being the sale of a Zenith 835 10-tube Chrome Front crossing the block at \$900.00. That was a good tonic for the Treasury, too. The Zenith went to Illinois.

Thanks to the buyers for their patience and generous bidding and to all the helpers. I am concerned that I will not remember everyone who pitched in to help: thanks to Don Johnston for assisting the Auctioneer in identifying items; thanks to Bryan Durbal, Pete Yanczer, Clif Bolton, Glenn Fitch, and others for assisting and serving as runners and wherever they were needed; and thanks to Ed Taylor, Terri Whitaker, Mike Clark and Marilyn Johnston for their clerical skills.

All in all, it was a very worthwhile day for IHRS and I enjoyed serving as a coordinator and as chairman for the Auctions.

Clif Bolton



Getting the most out of your radio?

No matter if your set is home-made, custom-built or factory product, there are dozens of little items in installation and operation which determine between average and wonderful results. Invest a quarter in "The Gateway to Better Radio" and know you enjoy the best. Your dealer has your copy or order direct from

CLAROSTAT MFG. CO., Inc.

Specialists in Variable Resistors

285-7 N. Sixth St., Brooklyn, N. Y.

IHRS Member Recognition

MARGARET and WELDON HOOK

By George A. Freeman

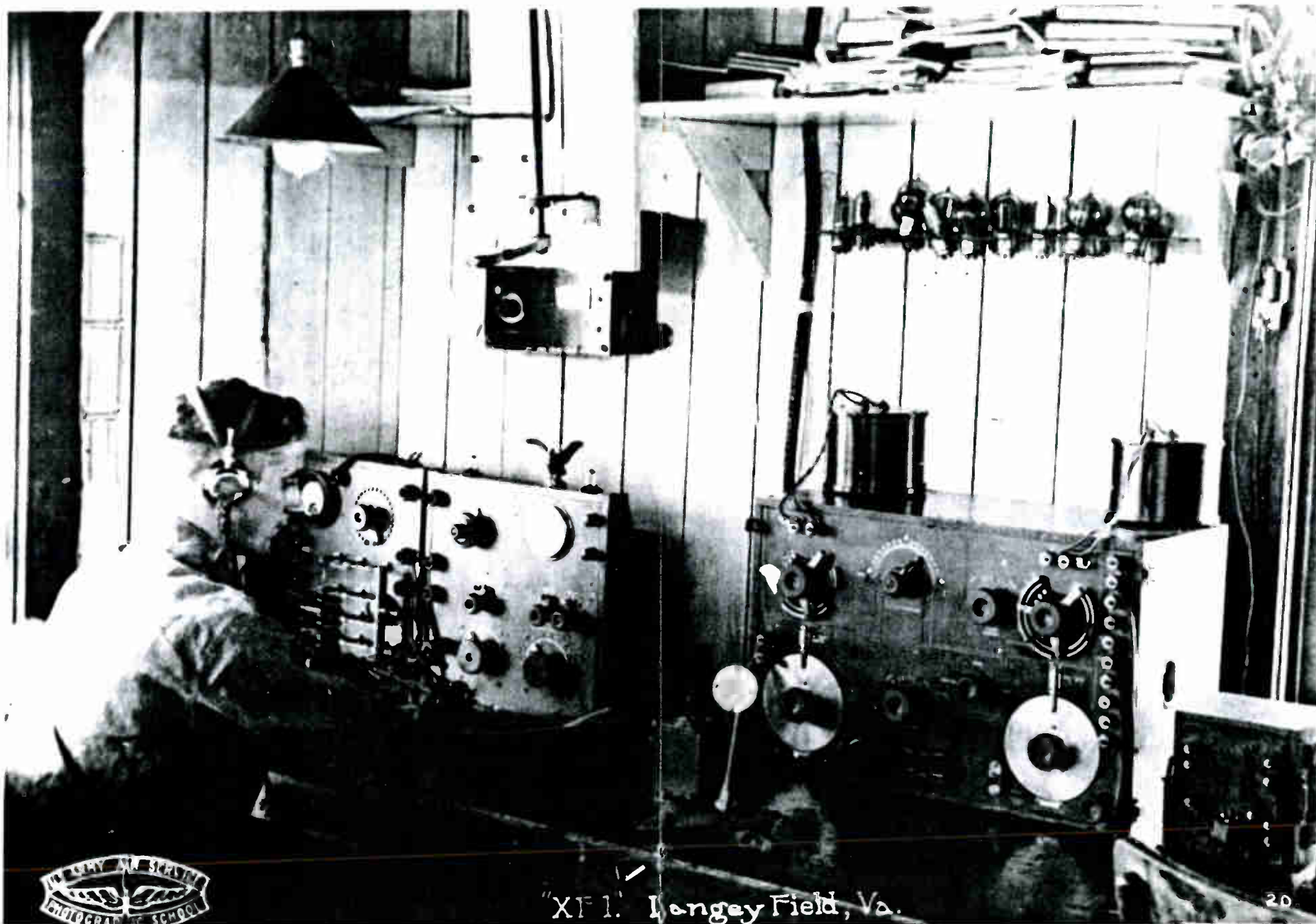
Recently I had a chance to buy a Crosley Pup from an Arizona man. I asked for photos. Weldon Hook, my mentor, got out two pups and we evaluated the pictures with a magnifying glass and ascertained that the set was all original and in good condition.

One of Weldon's pups is the very radio given him by a neighbor back in Hettinger, North Dakota when Weldon was a pup. That's the radio in the picture. In 1934 when he was 20, he traded with Arnold Isdahllica for a phonograph. About 20 years later, Hoosier Weldon, visited his old hometown and happened upon Isdahllica's Radio/TV Shop. On a high, dusty shelf, behind the counter, in a place of honor, was Weldon's Pup--NOT FOR SALE. A year later Weldon returned with his wallet loaded, determined to retrieve the old one-tube pup, if there was any way. Isdahllica had died. His widow guessed the radio was tossed "with a lot of other old junk to the dump".

A forlorn Weldon and Margaret stayed the night at nearby Petrified Wood Park. Weldon laid there recalling the kindly neighbor who had given him the pup. The Hook family would comment on often seeing lights on at 4 a.m. in the neighbor's home as he listened to his Crosley Pup bringing in distant stations. The next day Weldon and Margaret were packing when who should appear but Widow Isdahllica with the little pup--its tiny battery tags fluttering.

Another radio Weldon treasurers is a Freed-Eisemann FE-18 (1925). This is the same make and model Weldon and his Father bought, as partners, when Weldon was 12 and earning \$2.00 a day working on a neighbor's farm. Father and son each paid \$16. for a second-hand FE-18.

As a radio collector, Margaret was a late bloomer. Born Margaret Dryden in Jefferson County, Indiana, 1922, she bought her first radio at a 1970's Virginia swapmeet. That radio is shown--a juke box look-alike. Margaret now owns more radios than Weldon. She has 100 and specializes in novelty radios. She's a good shopper. She found two Mickey Mouse Radios for this writer. I have found only one for her--the Holly Hobbie in the picture. This is a Hallmark Cards trademarked figure.



EARLY PHOTO REVEALS HISTORY OF LANGLEY, ANTIQUE TECHNOLOGY

USAF Photo

EVERY PICTURE TELLS A STORY

By TSgt. Vic Johnston
1st Fighter Wing Public Affairs

There are many photographs detailing Langley's rich history. The U.S. Army Air Service Photographic School was established here during Langley's early days and is a key factor for the sheer number of photographs of those times.

This is one of those photographs. It is obviously staged, but it shows the state-of-art radio or "wireless" equipment of the day. This picture of Station "XF-1" was taken sometime between 1918 and 1920. The radio operator is sporting a "Yes I have a bowl and a pair of scissors" style haircut. His right hand is on the wireless transmitter key.

The wireless shack of the day did not receive voice transmissions. All message traffic was in Morse Code, and it appears a copy of the code is posted to the operator's left. Just like the light bulb in the shade above the operator, the rack of vacuum tubes in the upper right portion of the photo all have tips. Smooth, tipless tubes came on the scene about 1921.

Above this rack of tubes, designated VT-1s and VT-2s, the military acronym denoting vacuum tube, is the tech data. Technical orders have been around as long as there have been military technical applications. It looks as though these T.O.s may have been neglected, however.

Hanging just to the right of the T.O.s are at least two other pairs of headsets. Unlike the headphones of today, these clunkers were heavy, cold and hard. Comfort was not a design factor when they were developed.

XF-1's equipment, from right to left comprised of what appears to be an SE-1000 detector box. Just to the left is the CN-240 NESCO Receiver. Atop the receiver are the primary and secondary loading coils. Just as microelectronics have shrunk computers smaller and smaller over the past few years, the CN-240 could now be replaced with circuitry the size of its smallest knob.



Weldon and Margaret have been IHRS Members for about 18 years. Dr. Ed Taylor introduced me to Weldon at my first meet about eight years ago. From the very first, Weldon and Margaret welcomed me to this great hobby of ours. Weldon has about 60 more years of collecting experience than I, yet he has been patient and helpful. He has encouraged me to participate in this hobby since day one.

When I took on the task of a radio display to raise funds for the Jefferson County, IN Historical Society Museum, Margaret helped with a display of her novelty radios. Weldon showed his Crosley RFTA, Pup and several other valuable Crosley early pieces.

The Hooks live very close to the former Powel Crosley retreat, "Sleepy Hollow Stock & Game Farm" in Jennings County IN. At one time the Hook farm contained 500 acres. Today more than half is in the possession of their children. As we drive down the little country road to their home, one sees the name 'Hook' on mailbox after mailbox. Margaret and Weldon will be married 54 years in 1994 and have raised five boys and one girl.

When I walk into a room with Margaret and Weldon, smiles result. What a wonderful thing to be able to say, "When Weldon and Margaret appear, everyone feels better."

Picture by Larry Hook. For more info about the Hook Family, see Vol. 19, No. 3.

To the left of the receiver is the key once again. Unlike a telegraph key, the wireless key had large contacts. The reason for the large metal contacts was because all of the power of the transmitter flowed through the key. Early radio stations had a very strong odor of ozone from the high voltage electricity flowing a few inches from the operator's hands.

Directly in front of the stoic operator appears to be a BC-96 or 96B receiver made by Lee DeForest. This second receiver is either a back-up to the CN-240 or is tuned to a different frequency. Perched on top near one of the two cover latches is an Eagle. Prepared to take flight, this bird appears to be the sole decoration for this austere station.

Just to the left of the BC-96 is the BC-86 or 86A transmitter. Upon close inspection, details of equipment manufacture become apparent. Heavy-duty construction is the standard. The knobs are made of hard natural rubber. All of the contacts and knife switch connections are of thick-gauge brass or nickel-plate. The meter movements displaying tube voltage data and the like are of course analog. Digital readouts would not become common until decades later.

Mounted on a board above the operator is the transmit/receive switch. Depending on whether he was transmitting or receiving, he had to flip the switch each time he changed his mode. Nowadays there is a coaxial switch that automatically does this when the microphone is keyed.

Although the whole setup is archaic by today's standards, it worked and it helped pilots and ground control stay in touch. The wireless operator could also receive messages from ships out at sea. All this meant living in the 20th Century with these new-fangled gadgets could be exciting as well as much safer.

Bruce Kelley, a founding member of the Antique Wireless Association, contributed technical identification for this story.

Courtesy of Langley AFB, The Flyer, May 27, 1994

FIRE!

By George A. Freeman

(c) WIKI 1994

(Installment II.)

One of the best years of my life was 1992. I won Best of Show awards at AWA and IHRS. The AWA exhibit documented a local lady, who had been General Electric's WRGB-TV Weather Girl in 1945. The IHRS exhibit related the imaginary 'WGRP in Cincinnati' to WKRS in Cincinnati and the real WGRP in North Vernon, Indiana.

One of the worst years of my life was 1992. A fire of undetermined origin mysteriously destroyed a barn next to the oversized garage housing almost all of my 350-piece vintage radio collection. Flames penetrated the roof. Some radios were split seconds from flash point when Madison Volunteer Firemen began quenching huge black clouds.

Karen Deere, Insurance Adjustor, choked and coughed. I was wearing an industrial breathing respirator mask. I had provided a list of 12 price guides plus reference sources from my library documenting values of many of my damaged or dirty artifacts. She photographed a card table covered with these reference sources. Karen took pictures of each wall of shelves holding the radios. She randomly selected three items for me to find from each legal length page of my inventory. She wanted me to show her the five different Crosley 51s I listed. I showed her a 51 with wooden front panel; another containing brass based, tipped tubes; a third parts set; an early 51-P; and a later 51-P. Gone was the question of whether I had inadvertently listed the same radio four times too many.

When I took out the separate policy on my radio related collection, I provided an inventory list. The insurance company calls this 'the scheduled list'. Many more recent purchases were never recorded.

Next I prepared an updated inventory that would represent the balance of the collection since the date of the original 'scheduled list'. This new legal length sheaf of papers identified the same information: trade name of the artifact, manufacturer, year it was made, model number, value. This new list became 'the unscheduled list'. As the limit of my policy on the radio collection was completely met, the unscheduled list was used to access coverage under my homeowners policy. Karen took my Bunis price list. She liked the color pictures to

show to her boss as representative of the price guides. The review was thorough. Cincinnati was not looking to squander customer money on a fraudulent claim. I had taken cover shots of all artifacts in my garage long before the fire. These were extremely important in filing this claim. Only an Orchestron Reproducer and a wooden 1935 Noblitt-Sparks cathedral were smashed by struggling firemen. If the entire collection had become part of the inferno, I would have had only these color photographs.

Bob Gardner had specified for me an 'Inland Marine Floater Policy'. This insures the property wherever it may be. If it had been at our local museum, it would have been covered. (At one point it had been.) Bob cautions you to read your prospective policy. This exclusion would have negated my claim: "... we will not pay for a loss to property on exhibit away from the insured's residence." Ascertain the value of your household possessions, learn the maximum coverage of your homeowner's policy. Maximum protection of some homeowner policies is 70% of the the coverage of the home. Fix the value of your radio related collection and add some room for future acquisitions, if you're not going to sell some pieces. The time to fix problems with your insurance is now, before a loss. Once a loss occurs, you no longer can fix those problems.

I'll never have all of my collection in one place again. I have artifacts at WIKI Radio Offices and Studios in Madison, IN; at Carrollton KY; at my apartment; and in a fourth storage area as well as the garage.

Some 45 volunteer firemen from four companies responded to this fire. Among them was Indiana's very first company, Fair Play Fire Co. These men are experienced, well-trained, dedicated volunteers. Their records of performance result in very favorable insurance rates here in Madison. The day I opened my garage door there were dozens of my consoles and table models carefully relocated by the firemen to avoid the thrust of the flames. In the face of rolling, black clouds of ash, they were treating these like the treasures some of them were. None of the firemen knew what was in that old garage when they arrived. Once they determined the contents, they accorded them all the tender loving care any collector could ever ask.

(Installment III. will detail the formulae for settling my insurance claim.)

Dear IHRS Members,

June 1994

The Kokomo May Meeting is well-written up in this Bulletin by the Chairmen of the Committees and you will want to read and enjoy their coverage of each phase. The attendance, weather, food, fellowship, speaker, contest, flea market, hospitality, entertainment, ad inf are well-covered by these dedicated members.

Twenty-eight new members joined IHRS at Kokomo. The Editor and Staff would like to receive their comments after they have had an opportunity to read their welcome letters, their first IHRS Bulletin, and to "look us over". Please introduce yourselves and families to me at your first opportunity. Welcome to each of you from your Officers.

Marcella and Fred Schultz report that the terms of agreement have been finalized for the IHRS Museum to be located in the Tyler Visitor Center, Ligonier IN. The lease will be renewable every five years. The old gas tanks have been removed; soil samples are clean; blueprints are now being drawn up.

Ligonier will be having a Community Auction during the Labor Day weekend. Please take note that Fred will be able to pick up your donations at the Lansing, Elgin, and Elkhart Radio Meetings if you make arrangements with him. (219/894-3092) It is requested that no food or clothing be donated but please consider tables, chairs, and multitude of items that can be sold in an auction. NOT NECESSARY FOR ITEMS TO BE RADIO ORIENTED. 100% of the sale goes to the Building Fund to house the museum.

Fred has bought a huge popcorn machine that is stored until it's needed. I think that it is interesting that the old Crystal Theatre popcorn machine is going to be joining IHRS' display of crystal sets. See Vol. 22, No. 4 Bulletin for museum project background.

Marcella and Fred will be at the Elkhart meeting and prepared to bring us all up-to-date.

The first IHRS Founders' Award was presented to Clif Bolton for his RADJO Crystal Set Display he had in the May Contest. If you are an active IHRS Charter Member and have me yet supported this project, please contact ne for further information. Some Charter Members have alread contributed. Founders' Trophies will be presented for the next nine years. The large, Master Trophy, with all recipient's names, will be displayed in the IHRS Museum in Ligonier, after that museum is established.

Reminder Submit your articles for the September and December 1994 Bulletins, so you will be eligible for recognition at the end of the year. Articles on restoration, relevancy to our hobby, or historic significance, etc. are invited. Send them to my attention.

With the variety of backgrounds and experiences that our IHRS Member have, we have unbelievable expertise for unusual and valuable articles. No two of us have identical backgrounds or info to share. Please draft "your very own" contribution and send it to me for inclusion in an upcoming Bulletin. You'll feel rewarded by sharing with your friends and fellow IHRS collectors. If your article seems too long for one issue, your contribution can be serialized. Don't hesitate, either, if it's short.

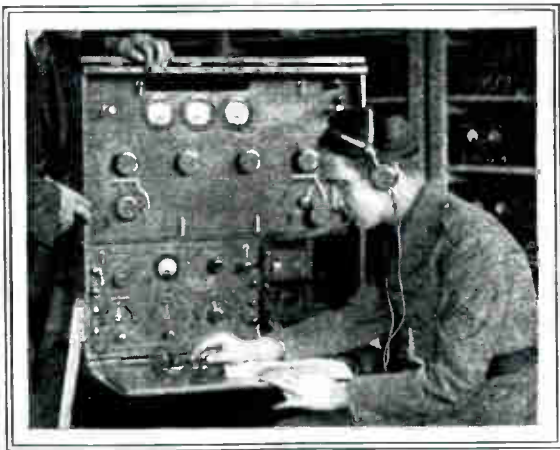
Note the improved map for driving to the August 27 Swap Meet in Elkhart. Each of you should find some item in your collection for entering the contest. That's a wide scope of categories. Chairman Doug McIntosh and his committee workers have a great summer meeting planned. Bring your favorite carry-in dish and I'll see you in Elkhart, if not sooner.

Sincerely,  IHRS President

Facts and Fads for Radio Fans



Chief Charles W. Rankin of New York City Directing the Operation of a Fire Boat by Distant Radio



© Harris & Ewing
New Aircraft Radio Equipment, Designed by the Signal Corps, Which Permits Both Telephone and Telegraph Communication, Sending and Receiving at the Same Time



Left, Automatically Controlled Broadcast Receiver, Recently Demonstrated by Its Inventor, Harry N. Marvin, Eliminates Tuning with Dials, the Station Being Obtained by Merely Pressing a Button or Throwing a Lever; Above, Scene in the Office of J. L. Baird, the English Television Expert, When Living Images Were Transmitted for the First Time across the Atlantic; Parts for Elementary Sets Are Now on Sale in a London Department Store on Which Silhouettes Broadcast after Midnight by Mr. Baird May Be Received





WANTED: Philco console model 42-380 or 40-180. Write D. Manssen, R 1, Box 87, Danforth, IL 60930. PH 815-269-2480.

FOR SALE: Philco 116X console. Good physical condition, needs recapping, \$150.00, pick up only. Martin Piepenburg, R1, Box 56B, Monterey, IN 46960, Phone 219-542-2591.

WANTED: repairable Arvin radio's, model #444 (red), model #402, #422, #20, (any) color. Cabinet's for Farnsworth model AT-12 or AT-15. Loose-coupler coils and Crystal sets (prefer factory made) but will consider others, also any miscellaneous crystal detector units.

ATTENTION: a reprint of the MESCO No. 12, March 13, 1921, is being considered. This catalog is from the Manhattan Electrical Supply Co., with the title "Manual of Wireless Telegraphy and catalog of Radio Telegraph Apparatus". This catalog has over 200 pages with an index, 150 of these pages have one or more line drawings of electrical parts available during this time period. It will be reprinted if there is enough interest shown. Please write to Jim DiRuzza, 2607 old Troy Pike, Dayton, OH 45404. Ph. 513-233-5004.

FOR SALE: Lots of radio books. Large SASE please, for list. Don Johnston, R 1, Box 218A, Windfall, IN 46076-9706. Ph. 317-945-7735.

WANTED: Majestic model 15A chassis-will pick-up from one of the major shows this summer. Leo E. Hall, 16222 15 ,mile Rd., Fraser, MI 48026. PH. 313-294-7526.

ANTIQUÉ PHONOGRAPH repairs, parts, springs, needles via UPS. Free catalog, dealers wanted. 19 Cliff St., St. Johnsbury, VT 05819. T011 Free 800-239-4188 evenings.

FOR SALE: have duplicate Scott Worlds' Record Super 8. Will trade toward a 1928 Remler Infradyne or McMurdo Silver IV or BO. Don Johnston, R 1, Box 218-A, Windfall, IN 46076. Ph. 317-945-7735.

WANTED: on/off Auto Radio switches made by GC Electronics, #25-804, also made by Anchor Products Co., #A-16. Original manufacturer was Motorola, #40A536283. Les Freed, 3815 S. 500 W., Lafayette, IN 47905. Ph. 317-572-2425.

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: Buick "SUPER" Sonomatic auto radio, 1941-1942, (includes short wave bands) Arlo Brakel, 201 Deer Meadow, Gahanna, OH 43230. Ph. 614-224-8606.

FOR SALE: power transformers, some with 2.5 volt windings. Send LSASE with electrical & physical requirements. Chester A. Gehman, 150 Burwell Rd., Winsted, CT 06098. Ph. 203-379-2441.

WANTED: Zenith advertising and old store props. FOR SALE: hundreds of radios, send for list, enclose SASE please. Alan Jespersen, POB 17338, Minneapolis, MN 55417. Ph. 612-727-2489.

WANTED: 1934-1935 GE console radio, set models: M-85, M-86, M-68, M-69, M-89, M-106, M-107, M-125, M-128 and M-129. All in very good playing condition. John Checchio jr, 2629 Decamp Ct. Apt. 124, Elkhart, IN 46517. Ph. 219-295-7230.

FOR SALE: 1925 Radiola model AR-918, 2 RF stages, regenerative detector, and two audio stages, not restored. Trade or sell. Paul E. Sommer, 16415 Viberg Rd., Leo, IN 46765. Ph. 219-627-2838.

WANTED: Meissner 4 or 5 band complete "Front End" sub-chassis, circa late 30's, using 3 metal tubes. Unit with either oval "airplane" dial or rectangular "slide rule" dial or receiver using same. Chester Gehman, 150 Burwell Rd., Winsted, CT 06098. PH. 203-379-2441.

FOR SALE: over ten pounds of TV knobs, most are new-in-box, they are mostly Zenith and RCA with some loose knobs. I am asking \$25.00 or BO. Glenn Novak, 1881 Truman St. Apt. 4, Portage, IN 46368-1749. Ph. 219-762-7494.

WANTED: Canadian Westinghouse type WD-25 or UX-25 tube for museum collection. Trade Western Electric or other tubes or cash. Ross Smith, 1133 Strong St., Elkhart, IN 46514. Ph. 219-295-7770.

FOR SALE: (1) spool Belden #8484-500
4 conductor, #20, antenna rotor cable,
your price \$95.00. Max A. Fretz, 323
Field St., Fort Wayne, IN 46805-5223.
Ph. 219-483-5223.

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.

FOR SALE: Crosley, model 66ta, BC and
shortwave, phono. Non-member Virginia
A. Humphrey, P. O. Box 21, Streetman,
Texas 75859.

FOR SALE: photo copies-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. Send SASE for list. Dick
Oliver, 28604 Schwalm Dr., Elkhart, IN
46517. Ph. 219-522-4516.

NEW LISTS now available, For Sale used
plug-in coil forms, audio amplifiers,
audio transformers, DUD collector tubes,
and miscellaneous. Send long SASE for
sheets. James Fred, R 1, Box 41, Cutler,
IN 46920. Ph. 317-268-2214.

WANTED: information, products and advert-
ising from The Palco Engineering Co. of
Frankfort, IN and or Carmel, IN. See
writeup in June issue of A R C magazine.
James Fred, Cutler, IN 46920.

LUCY ANNE MILLER

July 12, 1918 - April 27, 1994

Lucy Anne Miller, 75, beloved wife of Robert F. Miller, died Wednesday, April 27 at OSU Hospital in Columbus OH, after suffering a stroke the evening before.

Lucy Anne lived with her husband Robert in Fresno OH. She will be remembered by her family and many friends for her selfless, compassionate, loving nature, her tireless involvement in many community and church activities, and her nurturing devotion to her family.

Lucy Anne was born in St. Cloud MN, the daughter of Zaccheus and Winnifred Sargisson. She attended Mount Union College and graduated from Antioch College with a degree in Family Relations in 1940. She and Robert married July 3, 1940 and made their home in Cuyahoga Falls and Akron prior to moving to Fresno in 1977. While raising her family, she also was active in Bethany United Church of Christ, Beta Study Book Club, B. F. Goodrich Lab Wives, Federation Garden Club, and Girl Scouts.

Since living in Fresno, she and her husband enjoyed their farm and she was active in Keene United Methodist Church, Millvale Farm Council, Millvale Neighbors, Town & Country Garden Club, Saturday Club, Bible Study, and Gourmet Gals.

She is survived by her husband of 53 years; her sister, Willa Sargisson, of Stevensville MT; her son Richard and his wife Janet of Hartford CT; her daughter Janet Sigmond and her husband Malcolm of Indianapolis IN; and her son Steven and his wife Doranne of Dearborn MI. She was preceded in death by her oldest son, P. E. Abraham and survived by his first wife, Terry Clough of Seattle WA. She is also survived by 8 grandchildren: Christopher and Darrell Clough, David and Meredith Miller, Michael and Karen Sigmond, Jacquelyn and Lauren Miller.

A Memorial Service was held on Saturday, April 30 at the Keene United Methodist Church. Memorial donations may be made to the Keene United Methodist Church for the Abe Miller Scholarship Fund. This fund, which Lucy Anne desired to continue, is one of the many ways in which Lucy Anne demonstrated her love and benevolence.



IHRS Ladies Luncheon
"WLS" Quilt



IHRS Spring Meet, "Hospitality Hour"
John Jones and his projector