



Vol. 27

Spring 1998

No.1

1998 Winter Meet



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Beech Grove, Indiana**



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Bulletin Deadlines, News, Articles & RadioAds—2/15, 5/15, 8/15, 11/15

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.

COMING EVENTS

IHRS/AWA 27th REGIONAL ANNUAL SPRING MEET, (the BIG one) Indianapolis, Signature Inn, I-465 and East Washington Street on the east side. Thursday, April 30th, early check in and pre-registration all day. (Note that vendor spaces are to be assigned at registration and all spaces will be numbered). Do not set-up without being registered. (See "Comments From a Co-Editor"). Friday, May 1st, Registration begins at 8:00AM, swap and sales meet begins. Other events to be advised. Banquet at Laughner's Cafeteria, 20 N. Franklin Rd., just one block east of the motel on the north side of Washington St. at 6:00PM. Good food at reasonable prices! We will have more room there this year. Saturday, May 2nd., registration begins at 7:30AM, donation auction at 10:00AM, consignment auction starts at 10:45. You must take all that you bid on. No cabinets or other items are to be left. Many more parking/dealer spaces this year. Be sure and tell the Motel that you are with the IHRS when reserving your room/s and when signing in. Their tel. # is (317) 353-6966. They have a special rate of \$59.00 per room for IHRS. Contest details to be announced in next "Bulletin".
CONTACT: Bob O'Friel, (317) 849-4028 or Dr. Michael Clark, (317) 738-4649.

IHRS SPECIAL SUMMER SWAP/CONTEST. Saturday, June 13th, 1998, 7:00AM to 3:00PM. Actual 1920s battery radio performance contest. Note change in venue! This is going to be held at the Hamilton County 4-H Campgrounds in the O.V. Winks building at 2003 E. Pleasant Street on the eastern edge of Noblesville. This is just off Route 37 south Of Rte. 38 behind the Quality Farm & Fleet store across from the Wal-Mart Super Center. See "Comments from a Co-editor" for more details.
Call Mike Feldt for more details @ (317) 844-0635 in the evening.

IHRS ANNUAL NORTHERN INDIANA SUMMER MEET. Saturday Aug. 22, 1998 High Dive Pavilion, East Beardsley Avenue, Elkhart, Indiana. Registration: 8:30AM, \$5.00/member/family. Swap/sell meet in east paved lot. More details to be announced. Call co-chairman Doug McIntosh, (219) 264-4658, or Terry Garl, (219) 679-4280 for more information or a map.

IHRS WINTER MEET, 1999, Saturday, February 13th 7:30AM till ???
Holiday Inn Southeast, 5120 Victory Lane, (I-465 at Emerson Rd. Exit 52)
Details forthcoming. Call Dr. Michael Clark, (317) 738-4649 or Alex Whitaker, (317) 535-4174.

INDIANA

Historical Radio Society



AND



The Antique Wireless Association

Present the 27th Annual Regional Spring Fling Radio Festival

Thursday, (for early setups only), April 30th, Friday, May 1st, Saturday, May 2nd, 1998.
Same great location as last year, Signature Inn East, Indianapolis, IN(317) 353-6966
East Washington Street (US Rt. 40), at I-465. When registering, inform the motel that you are attending the IHRS event so you will receive the special discounted price of \$59.00 per night which will save you a minimum of \$10.00 off of their May rate. (Taxes not included).

Thursday, April 30

Event	Time
(Early Arrivals setup day.) No Activity	
Registration.....	10AM - 6PM

Friday, May 1

Registration.....	7:30 am - 5 pm
Flea Market.....	All day - 5 pm
Equipment Contest Registration & Setup*.....	9:30 am
Co-ed Luncheon.....	11:45 am
(Last years was so great that the men said all should be invited.)	
Contest Judging.....	1 pm

Seminars:

Ed Dupart, Radio Service Clinic.....	4 pm
IHRS Awards Banquet @ Laughners.....	6 pm
Cafeteria on East Washington Street (Rout 40) at Franklin Road, by I-465.	
See "Banquet Details".....	6 pm
The "Charleston Chasers" will provide dining entertainment for you.	
See "Details".....	7 pm
Awards and short meeting.....	8 pm

Saturday May 2

Event	Time
Registration for late arrivals.....	7:30 am
Flea Market.....	All Day
Auction Registration (all entries must be entered and numbered).....	8:30 am
Donation Auction.....	10 am
Consignment Auction follows	

Details: Banquet & Co-ed Luncheon: Paul Irwin, host of "Indiana Today" on WICR-FM will present "When Radio Was Radio" at the Luncheon. The "Charleston Chasers" band will recreate broadcasts of the late 20s and early 30s with music from that period at the Friday night banquet.

Assigned Vendor Spaces

Please note that the spaces are prenumbered and assigned at registration. Do not set up until you have registered and have received your space and number allocations.

*-5 Contest categories: 1. Table sets of the 1920's, 2; Communication Receivers through 1948, 3; Most Unusual Radios of the 1930's, 4; Test Equipment through 1950, 5; Indiana Made Radios.

FEE SCHEDULE

Registration - \$5.00/family. Vendor Parking Permits: \$10.00 1st space, \$10.00 2nd space, \$15.00 3rd space, \$15.00 for each additional space. **There are more parking spaces available this year.** There are a limited number of dealer tables that are available in the Registration tent at \$15.00 per table.

Contact: Bob O'Friel, (317)849-4028 or Alex Whitaker, (317)535-4174 (after 6PM).

You may also save time in lines by pre-paying and registering with Dr. Michael Clark, Treasurer, IHRS, 6484 East 350 North, Franklin, IN 46131. (317) 738-4649.

Message From the President

Hello once again to the membership of the IHRS. Spring has sprung, which means that the meet that everyone waits for, the IHRS/AWA Regional Annual Spring Meet, is just around the corner. Hopefully, as Bob O’Friel says, the “rain gods” will smile on us this year and we will be blessed with good weather. This year promises to be one of the best May meets yet. Our flea market parking has been expanded this year. Also, we will be assigning the selling spots when you register, which will make sure that every-one gets their dealer parking/selling space. IHRS officials will be at the Signature Inn on Thursday morning as noted on the schedule to make sure that everyone gets in their proper location. Last year, some May meet attendees arrived early on Wednesday and set up. This would have been OK but it did create some confusion. This year, if any one does set up early, they will have to move to their allocated spot when registration does take place on Thursday morning. There is no advantage to coming in on Wednesday. Thursday has been set aside as the early registration day. We will move as few as possible, but those who park in pre-assigned places will be asked to register (if they already haven’t done so) and move to their assigned space. Hopefully, this doesn’t sound too strict, but this will assure a better meeting for everyone involved. Last year we ran out of parking spaces, due to hodge-podge style parking, and we don’t want that to happen again. Our big tent will also be back again this year. A limited amount of seller space will be available under it. See the registration form inside your “Bulletin”. As usual, there will be “Coca-Cola” products for your refreshment, compliments of the IHRS. The really different thing this year will be the Awards Banquet, which happens on Friday at 6:00PM at the Laughner’s cafeteria at Franklin Road and E. Washington Street. We will have an expanded banquet area, and the entertainment will feature a live recreation of a 1920’s radio broadcast. This will be done by the “Charleston Chasers” a group of professional jazz musicians including IHRS’s own Bob O’Friel. They will entertain for around an hour with the music that was around in the days of the RCA Radiola 60s, the Zenith 35PXs, 40As, and the model 54 consoles as well as Philco’s 512 radios with their matching 212 speakers. They will entertain for around an hour, so don’t miss a rare treat...live 1920’s jazz in an intimate setting. After the “Charleston Chasers” the awards presentations will be made, with the winner of “Best of Show” getting the IHRS Trophy. Plans call for a very short meeting at that point. We hope to be getting some local exposure for our May meeting on local radio stations. As of this writing, we are planning on an appearance on Paul Irwin’s “INDIANA TODAY” on WICR-FM (88.7 mhz.) on Thursday, April 23rd at 10AM. Also, we plan to circulate details of the meeting to all of the major stations to be read as public service announcements. So, plan to be at the Signature Inn starting April 30th. (for the early registrations), for lots of fun in the sun. Call Bob O’Friel or me for more information...and I’ll see you there. (I can’t wait!).

Alex Whitaker, IHRS President

COMMENTS FROM THE CO-EDITOR

This input is the result of three tries which continued to change as work was in progress. The May meet is pretty well set up but there will be some minor needs that will need completion. The special June meeting is the one which was caught in the middle. We had hoped that we would again use the Noblesville Forest Park building but Mike Feldt, (who is the one that “brainstormed this concept”), was advised by the Parks Department that they were in the process of re-building/re-decorating the facility and could not have it ready in time. Fortunately, they had a counter proposal that we believe will more than satisfy the needs. Accordingly, plans have been changed and the Special June performance meet will take place at the Noble County 4H building at the eastern edge of Noblesville near the intersection of state routes 38 and 37. As a landmark, Wal-Mart has one of their “Super Centers” just to the north of the campgrounds on Rt. 37 and there is a “Quality Farm and Fleet” store on the other side of Pleasant Street which is where you will turn west to reach the 4H buildings. We will be in the “O.V. Winks” building which is at the Hamilton County 4H Grounds at 2003 E. Pleasant Street right across the street from the Noblesville Post Office branch. We will use this building for the meeting and the pitch in lunch but the actual performance contest will take place in an outbuilding which is about 25 feet West of the Winks location. This building is screened with side panels that can be raised to permit the light and fresh air to enter. Those that wish to setup sales tables can do so there as there is plenty of room. There is a nearby “Super 8” motel that is new but they are holding their rooms now for a Soccer Tournament that takes place in June. They will lift the “holds” about mid-May and feel that some rooms will then be available. There are quite a number of motels within a 10 minute travel so, if any are planning an overnight stay, The Holiday Inn Express just off of 96th Street, (317) 578-2000, the American Inn North at 82nd St, (317) 849-6910, and the Dollar Inn at 8110 N. Shadeland, (317) 845-0049 are within that 10 minute travel zone. Incidentally, we stopped in at the Wal-Mart and had lunch at their “Radio Grill”, (8 pieces of fried chicken for \$2.99) and kept the drink containers as a memento because of the “Radio Grill” logo. Mike Feldt had researched and found one other location that would have been available on Saturday, June 13th but it was too remote and isolated. The Noblesville out-building, a 50+ year old wooden structure, offers good reception conditions without the horrendous amount of static and noise from fluorescent lights since the lighting is all incandescent. This contest has proven to be a lot of fun and it’s nice to have some of these fine treasures we have collected over the years doing what they were designed to do, receive radio programs. We’ll be able to see and hear which set does it best. Don’t miss this one! The ad we have in the April edition of the “Antique Radio Classified”, (page 41) has an error in that it refers to “Flea Market” all day pertaining to the Thursday, April 30th start up of our May Meet. As has been stated before, (and as listed on page 86 of the

same ARC), Thursday, April 30th is only intended as an “Early Registration and setup day”. The actual meet starts Friday, May 1st and all those who did come in on Thursday will have the advantage of being setup and ready to go. Do not, repeat, do not come in on Wednesday and expect to setup as the parking spaces are to be assigned and any attempts to do other than sign up at the proper times and get your parking/vendor spaces will result in chaos and being asked to move if you find yourself in a parking spot already assigned. Your cooperation will help to insure the success of this event. Last year, the “Ladies Luncheon” had Charlie Epstein as the featured attraction and his presentation on his days as a program director on Network Radio had so much fascinating material that some of the men who had chosen to eat there came in and commented afterwards that we shouldn’t deprive any from hearing same. Accordingly, this year’s Friday noon repast is called a “Co-Ed Luncheon” and you are all invited to hear Paul Irwin, (who hosts the popular “Indiana Today” program on WICR here in Indianapolis) will give his “When Radio Was Radio” description of his experiences in the broadcast industry. Quite a number of our members have commented on the fact that while they love collecting antique radios, they would like to know how to electrically repair and restore them. To that end, Ed Dupart will be conducting a service clinic. See Alex Whitaker’s comments about the Friday evening entertainment. We DO NEED volunteers to help with the May and June events and, if we get enough, each person would only have to serve a short time. Call me at (317) 849-4028. Thank you. In the meantime, I’ll see you wherever Radios live.

Bob O’Friel,
Co-editor, the IHRS “Bulletin”



Sparton Model 727-X
Manufactured by the Sparks-Withgton
Company of Jackson, Michigan

This is one of the largest tombstone radios Sparton made measuring 22 in. high, 17 1/2 in. wide and 11 in. deep. The most notable feature of this set is the beautiful large dial. There are four bands, each in a different color of translucent white, red, blue and bright yellow with a banana yellow logo in the center. The background of the dial is a green reflective glass mirror and when the dial is lit, only the colors illuminate and the green background stays dark. This set was acquired at the 1996 IHRS Fall meet at Greenfield, Indiana

Michael Feldt

1998 IHRS WINTER WONDERLAND MEETING

Saturday, February 14, 1998 A Recap!

The annual IHRS Winter Wonderland meeting was held at the Holiday Inn Southeast in Beech Grove, Indiana on Saturday, February 14th. The weather was definitely in our favor and with the sunshine and warm temperatures, (for February), we had some 114 registrations with Radio Friends coming from all over. Other than the slip-up of management in booking our room the previous night, thus preventing the early setup we had planned for, all else went well. We have since learned that the manager in question was asked to leave. Lots of radios, tubes and other material changed hands and, I suspect everyone went home satisfied. The equipment contests were well represented. In particular, the Favorite Radio, (tube type) category was won by Bob Snively and Pete Yanczer. Bob had performed a "magic act" in the restoration of the Zenith table radio which was a challenge because of the many steps in restoring/replacing the veneer that had succumbed to moisture, damp rot, and other environmental conditions. We should have Bob give a seminar on that topic at one of our meets. Pete Yanczer's Majestic radio won second prize and proved that the trend towards miniaturization came early. Both were beautiful examples as you can tell by the photos in this "Bulletin". As to the transistor radios that were entered in the Favorite Radio contest, Wava Smith won the first place ribbon with a small "Fashion Tune" pinkish purple unit and Mike Clark came in second with a Zenith portable that was in excellent condition. The list of "also rans" included a Setchel-Carlson "Frog Eyes", a Wilson farm radio, a True-tone D723 that belied its age, an IU red table radio, an Empire "Bird-house" radio, a fine looking Detrola and a Grundig table unit. Mike Clark had done a fine job of deciding to save members some money by having the Club lunch at the nearby Ponderosa as compared to, as in past years, having it at the Holiday Inn restaurant which helped to amortize the costs of the meeting room. You will recall, (with some out of pocket costs), that past said motel lunches averaged in the \$12 to \$15.00 range. The costs this year ranged around \$4.00 to \$7.00 but, even so, only about 30 showed up for the lunch and meeting. This could lead Ponderosa to be less inclined toward supporting our request for the next time. All in all, we had a good time at this event and Mike Clark and Alex Whitaker deserve a round of applause. The motel management change means that we will again have the next February meet here which is scheduled for Saturday, February 13th, 1999.

Bob O'Friel, co-editor
Photos courtesy of Ed Taylor

Pictures of the Winter Wonderland Contest



Setchel-Carlson "Frog Eyes"

Wilson farm radio

Truetone

Detrola

Grundig

I-U Red

Empire "Birdhouse"



Favorite Radio Contest "Transistor"

1st place

FashionTune - Wava Smith

2nd place

Zenith - Mike Clark

Front cover - Favorite Radio Contest "Tube"

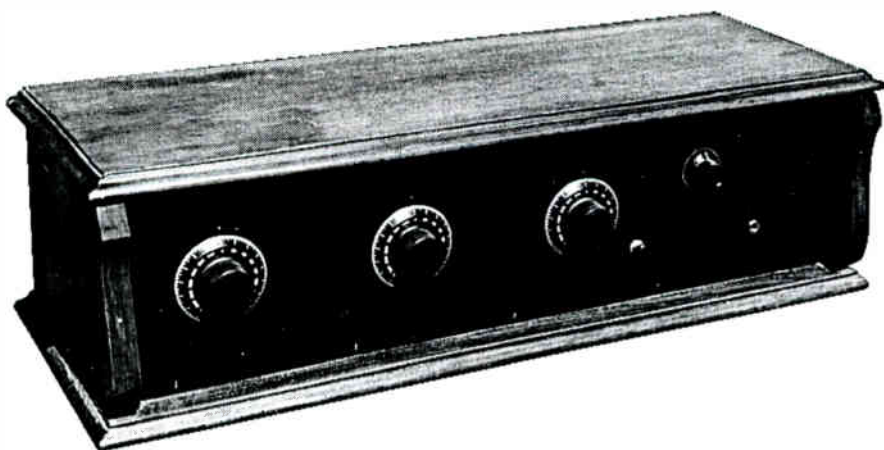
1st Place..... Zenith - Bob Snively

2nd Place.....Majestic - Pete Yanczer

Indiana Made Radios

By Michael Feldt

Amplex South Bend, Indiana



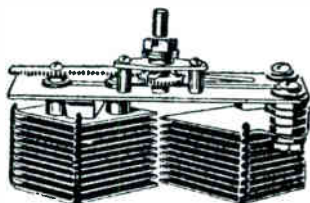
The Amplex was manufactured in South Bend, Indiana around 1925. It should not be confused with another radio called the AMPLEX "De Exer" that was made during the same time by the Amplex Instruments Labs. of New York, N.Y. The set consists of a standard five tube TRF circuit with all of the components mounted on the base board of the cabinet. The "Ensign" brand tuning dials, which are marked for 360 degrees rotation, are attached to "Ensign" brand variable condensers, both of which were manufactured by Carlton Sanders of Mishawaka, Indiana. "Ensign" condensers were designed so that when the shaft is turned, the plates slid in or out from each other in a straight line instead of in a circular rotation, common to most variable condensers. Other noticeable features about the set are that it uses bright red painted tube sockets that were made by Cutler Hammer, and the cabinet is crafted from solid pieces of Oak wood. Currently little is known regarding the manufacturer but judging from the overall construction of the set, the likely conclusion would be that the manufacturer wasn't much more than a garage operation. It's unknown how many of these sets were made or how many survive today but it's felt by the author that these sets are extremely rare today.



The identification tag is a piece of printed paper glued to the inner back of the cabinet.

ENSIGN CONDENSER

This condenser is of a radically different design than the standard rotary plate type. Both sets of plates in this instrument are square as the illustration shows. The movable plates are moved in and out of the stationary plates by a rack and pinion arrangement that utilizes the



entire 360 degrees of the dial. The minimum capacity of this condenser is 5.99 mmf. and the maximum capacity is 539.06 mmf. The dielectric absorption losses at 1,000 cycles with the instrument set at maximum capacity are equivalent to a series resistance of 55 ohms. Manufactured by Carleton Sanders, Mishawaka, Ind.

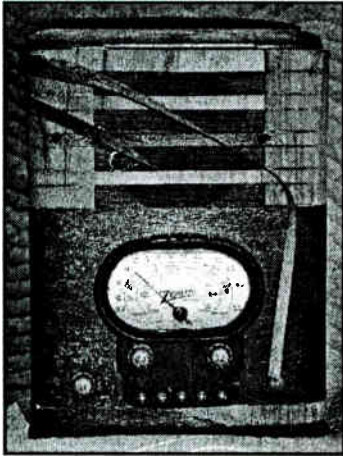
**A W A R D E D T H E R A D I O
N E W S L A B O R A T O R I E S C E R T I -
F I C A T E O F M E R I T N O . 6 5 9 .**

This write up of the Ensign condenser was featured in Radio News for March 1925, p. 1684

“My Favorite Table Radio”

(Co-Editor's note, Bob Snively who won the "Best of Show " award at the Winter Meet tells us how it came about")

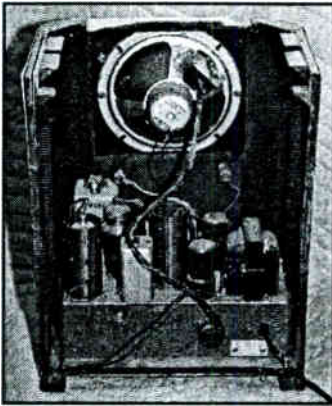
My love affair with old radios started just a few short years ago when I purchased an Airline console radio at a garage sale because of the "Waterfall" style cabinet that looked just like the dining room suite that my wife, Juli, and I had purchased shortly before. Not knowing if it would ever work again, I found a local life-long collector by the name of Lionel Haid to restore the chassis while I spent a few weeks restoring the cabinet. Once completed, I fired it up and, WOW, what a wonderful sound! The 6U5 tuning eye tube glowed a beautiful green and my life has never been the same! Unfortunately, Lionel passed away before I got the chance to really know him but the few times I was able to visit him in his home, his enthusiasm and wealth of knowledge has inspired me forevery restoration project since.



The radio you see here is a Zenith 5S327 that I purchased at an Antique Store as a parts set for a whopping \$7.50! I figured I could always use a few more Zenith parts in my basement shop. I tried to hide it from my wife, but Juli caught a glimpse of it in a box one day and said to me, "You actually paid money for that?" I finally got around to seeing if it was worth restoring in December of 1997.

I carefully pulled the chassis and speaker and started the usual cleaning of the chassis. I tested the tubes on my Hickok 600A and found that only the 6K7 I.F. amplifier tube was strong. I also discovered all the original paper/wax capacitors to be in very poor condition. Using Nichicon caps from Frontier Electronics, I completely recapped the chassis, reinserted the 6K7 along with GT style tubes I had in stock and started bringing the voltage up slowly on a homemade isolation transformer I hope to replace with a Variac sometime soon. Low and behold, a working radio! With very minor alignment adjustments of the trimmers, I couldn't believe how sensitive this set is on both AM and Shortwave. Once I had the set working, as I do with all my radios, I let it play all the time I was working on the other projects I had going on in my shop until I was satisfied that it was going to work consistently well, atmospheric conditions pending.

I went to bed the night I decided it was really fine and told Juli, "Damn, now I have to restore the cabinet!" We both laughed, knowing that I had wanted to anyway just to see if it could be done. As seen in the accompanying photos, the top of the cabinet had separated from the rest of the wood, probably from being



picked up by the back of it. The veneer on the top piece was also curled up, but appeared to be in decent shape other than a few small dents. The sides of the cabinet had serious delamination problems along with the obvious loose and missing veneer strips that make this particular model such an attractive late 30's table set. When starting such a project of this magnitude, a few thoughts should be kept in mind at all times: DO NOT get in a hurry. It took many years for this set to get into this state of disrepair, it is not going to be like new overnight. DO NOT worry about making a mistake. If you do, and you probably will, when you start over, you'll know what NOT to do the next time. With all this in mind, let's get started.

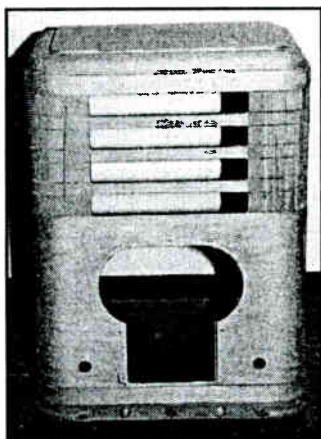
I like to begin to evaluate the damage to the cabinet like my brother-in-law, Rick White, does on an automobile after it has been wrecked. He taught me years ago that in order to pull the damaged structure back to its original position, you must determine the direction the impact occurred. A radio cabinet is somewhat the same thing. You first must assess what has happened, and then return it to its original position. Before the top of the cabinet could be reattached to the "body" of the cabinet, the body and top must be like they were when it was all originally assembled. The body was first stripped of all loose pieces of veneer, then through a series of glue and clamp sessions, the laminations of the cabinet structure became more rigid. I can't tell you how many times it took, maybe 10 or 12 different attempts, until all areas were tight. The large piece of veneer that wraps around the front and sides was in very good condition, but it was loose (bubbled) around the dial bezel opening, the knob holes, and along the vertical sides near the back. I used Elmer's carpenter glue, C-clamps, spring clamps, and small flat pieces of thin plywood to keep from denting the veneer and to get a good, flat adhesion to the cabinet. This takes a lot of time...be patient!

As I worked on this part of the cabinet, I would keep finding other small areas where the laminations were not as obviously loose until the areas around it were tightened with glue. Also, the bottom piece of plywood the chassis screws attach through, was delaminating. It also got the same glue and clamp routine. Once the body of the cabinet was tight, I then worked on the top. I was able to remove the curled piece of veneer by applying a slight lifting pressure with one hand, and sliding a thin putty knife underneath it, releasing the dried-up original veneer adhesive. There is also a "binder" layer of softer wood, appearing to be poplar, with the grain running in the opposite direction of the visible veneer. This helps keep the veneer from curling. I removed it in the same manner. In a bench vise, I glued and clamped these larger layers together, being very careful to have the layers in their original alignment. I had soaked the veneer and binder layers with tap water, so they would be workable. If you don't do this, you probably won't be able to do it in one step like I did. Once this procedure was finished, I was ready to reattach it to the body. Unfortunately, when the top had separated from the body, a strip of inte-

rior laminate above the speaker had stuck to the top. I made sure this area, along with all mating surfaces, had the old glue removed or sanded until a series of trial and error fittings yielded a near perfect match to both pieces. Once glue was applied to all the corner blocks, cabinet edges, and anywhere else the two pieces would mate, I clamped the top to the body with bar clamps, the bar clamps ran from the bottom of the body, to the top of the top piece. Also, one bar clamp was used to hold the upper rear sides at the proper width, otherwise they seemed to want to spread apart when pressure was applied from the top to the bottom. This assembly was set aside for a couple of days for complete drying.

At this interval, I took time out to order some speaker grill cloth from AES in Arizona. I found their part #SG-440 to be a very close match to the original. As I said before, patience is a virtue.

It was then time to take off the bar clamps and when I did, the cabinet started to look like a radio again! I finished removing what was left of the old finish on the remaining areas of the cabinet; both the original pieces of veneer, the carved area of the top, and the solid wood along the base. I thoroughly sanded these areas with 180 grit and then 220 grit sandpaper. The binder layers of poplar along with the speaker cut outs were replaced with some odds and ends pieces of veneer I had in my scraps. I sanded all areas to receive new veneer. The veneer strips on this model measure 3/4 " wide except for the three darker strips that form the speaker cutout horizontals. These measure approximately 1/2" wide. I found new veneer in the 7/8" wide rolls used for cabinet resurfacing. The mahogany was an exact match to the original grain. Also, an area that should be addressed at this time, is the fact that although my veneer strips were in horrible condition, it was noticed that the narrow three strips were darker than the wider strips. It is my belief, that Zenith must have treated these strips with a shot of toner when the finish was applied because they were not as dark as the very top or the base toned areas of the cabinet, but they were darker than the rest of the veneer on the cabinet. I began by trimming my new veneer to the exact original widths and cutting them longer than was needed. I would trim them later. The uppermost and lowermost strips were the 3/4" variety. I started by masking off the immediate area with 1" masking tape and then brushed "Weldwood" contact adhesive to the binder substrate of the cabinet. Then I taped my strip up-side-down on a work surface, then brushed an even coat on it. I had to then wait about 30 minutes for the glue to tack, then, using extreme patience, I attached the strips to the cabinet, starting at the back edge of the cabinet, laying it down slowly toward the front, then carefully around the rounded corner, across the front, around the other corner and toward the back. Once I had it in place, I then took a small wooden wallpaper seam roller and rolled it firmly in place. I repeated this 6 or 7 times to assure a tight, uniform bond to the cabinet. Then, using a single edge razor blade, I trimmed the veneer strip flush with the back edge of the cabinet. You can see what this started looking like in the accompanying photos. The same procedure was used for the remaining strips, each time making sure to mask each side of the area before brushing glue. If you skip this step, the small gaps between the strips of veneer will be very difficult to clean out later. Once all the veneer strips were in place, a very, very light sanding with 220 grit sandpaper made everything



look smooth. I stained the entire cabinet with a mixture of walnut, honey oak, and dark mahogany oil based stain to get a tone as similar to the original as possible. Then I masked everything but the three horizontal strips, the upper curved area of the top, and the solid wood base. A very light coat of lacquer toner was sprayed to the speaker strips, the subsequent heavier coats were applied to the upper and lower areas until the proper shade was achieved. After this dried for a day, I applied a clear lacquer spray, used #0000 steel wool between coats and after about three applications of this process, a waxing and buffing was applied. The functions of the lower right knob, (bandswitch) were originally marked with decals.

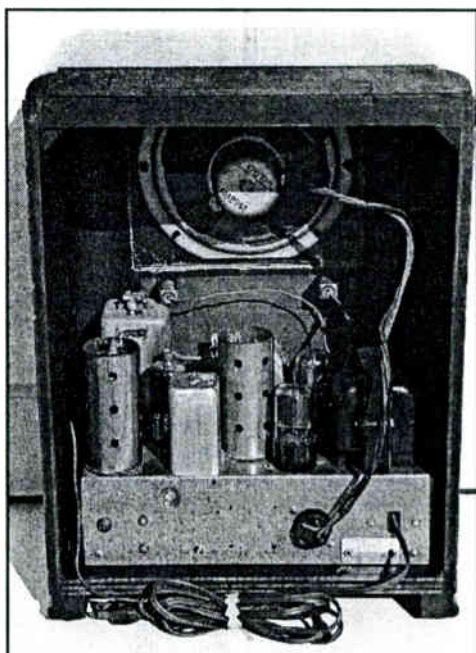
Fortunately, AES sells a Zenith decal sheet that has the exact lettering needed. I applied these, in their original positions, after the second coat of clear, but before the third coat of clear was applied. This makes a beautiful job and also makes the possibility of the lettering getting rubbed off very unlikely. The bezel was totally stripped of its original finish and a transparent black spray applied. Although this process has produced a darker bezel than the original, it looks very nice. I may try someday to try to get a little closer to the original color used by Zenith. The push buttons were then thoroughly cleaned. Before final assembly, the gold paint between the veneer strips was applied with a small artists brush and a I-SHOT sign lettering enamel. Also, the interior of the cabinet was painted with a flat satin black.

I was deeply honored when my efforts were rewarded at the IHRS Winter Meet of February 14, 1998 when my Zenith was awarded a Blue Ribbon in the "My Favorite Table Radio" tube-type category. When I got home that day, I could hardly wait to call Lionel's wife Mary and tell her all about my blue-ribbon Zenith. We both laughed and decided that Lionel already knew about it and was proud of me. If there is one thing I remember most about Lionel, it's the fact that you should never forget the real objective to Old Radio Collecting: Enjoy the hobby as a labor of love and not just for the monetary value a set may have. As for Juli's thoughts on my junker set, it has now found a permanent home on our waterfall style buffet in the dining room. I hope this makes sense to some of you. I'm sure there are better ways to do some of the processes I've described, but I hope this will inspire some of you to restore some of the overlooked gems that otherwise might find themselves thrown in the trash. Happy Listening!

Bob Snively
516 South 16th Street, Richmond, IN 47374
Ph. (765) 935-3746



Front View of the finished radio



Back view of the finished radio

HAVE YOU READ?

by Ed Taylor D.Sc.E.E.



THE RADIO RED KILLER

by
Richard A. Lupoff 1997

Bob Bjorner: Good evening ladies and gentlemen. This is Radio Red coming to you live on K-R-E-D in Berkeley, an Oceana station.

(Cue Intro. Music)

Bjorner: Tonight we have a very special show for you, "THE RADIO RED KILLER" featuring Detective Marvia Plum of the Berkeley police. Bringing you the show is the noted author of mystery novels, Richard A. Lupoff.

Detective Plum has just returned from Nevada, where she discovered her recent marriage wasn't all she thought it would be.

Back in Berkeley, Plum finds herself investigating the city's denizens when a killer strikes at a local radio station.

(Dead Air)

There's too much dead air on KRED when murder befalls the station. Detective Marvia Plum's investigation takes her into the environs of old-time radio as she trails the killer of the man known as RADIO RED. Behind the scenes of the Oceana network station, all the oddballs hum a different tune, but the chorus is the same: "I didn't do it."

This entertaining adult mystery novel is available for approximately \$20. at your local bookshop.



The Indiana Historical Radio Society Museum Report

By Fred Schultz



In the summer of 1995 the Indiana Historical Radio Society opened their new radio museum in Ligonier, Indiana. In the museum's short time of existence, over 15,000 visitors have passed through it's door. We believe this

number could be at least doubled if we can increase our open hours.

The Museum has been fortunate to receive grants from many local foundations which has gone to pay for the new heating and air conditioning system, new driveway, new roof and other building restorations to help preserve the radio memorabilia in the building.

Who pays the bills? The Ligonier Visitors Center uses about 20% of the building and they pay all the utilities, insurance and taxes. The Museum has no admission charge but there is a donation box to help pay the utilities. In addition the Noble County Commissioners vote each year to give us \$500 to help pay expense.

Both the Radio Museum and the Visitors Center operate entirely with volunteer help. Members of the Visitors Center have become very knowledgeable in antique radios and are very good at giving tours.

Thanks to the IHRS and it's members, the Museum remains in good financial condition. All donations to the Museum are used entirely by the Radio Museum on items such as postage, signs, handouts, shelving, sound system, burglar alarm system etc.

All finances and paper work are handled by the Noble County Community Foundation, a non-profit organization money goes through not to.

The Noble County Foundation in co-operation with the Lilly Endowment Inc. have invited the IHRS Museum to take part in Gift Phase III. Any donations made to the Indiana Historical Radio Museum fund during 1998 will be matched dollar per dollar. Gifts can be applied toward Museum operating cost or be placed in an endowment fund to provide income to the Museum forever.

Donations may be sent to the following address,

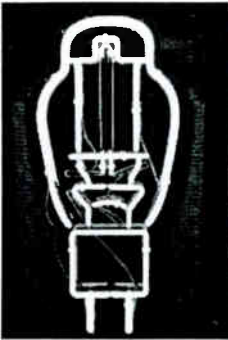
Noble County Community Foundation
2092 North State Road 9
Albion, Indiana 46701

Please designate that your donation is for the Indiana Historical Radio Museum. Any questions feel free to call Nancy Plumber at the Foundation 219-636-3436 or Marcella Schultz at 219-894-3779.

New additions to the Museum since the last bulletin include a 1923 DeForest D7A, a 1938 Zenith chairside, a 1933 Grebe console, an unusual 10 tube Kadette 1024, a 1925 Wurlitzer, a 1924 Brunswick console consisting of a Brunswick victrola and a RCA Radiola III with amp built in, a General Electric J-100, a Zenith 42 console, a Rico horn speaker, a King Amplitone horn speaker, a Kodel speaker which looks like a microphone, a Western Electric microphone which looks like a speaker and a Grebe CR3 with a matching RORD amplifier.

RADIOADS

These ads are free to IHRS members. Please limit them to 200 words or less



FOR SALE: Beautiful three foot high neon and argon RADIO TUBE sign mounted on plexiglas. Created by Steve Renner of Neon Amenities. (Our copy of the picture doesn't do this justice but, we are not able to process color as of yet). The sign, (complete with the Hi V transformer) is for sale. \$225.00, or will swap for old HI-FI equipment. This was on display at the Greenfield/Fall event. The first one may be viewed at the IHRS Ligonier museum. Steve Renner, 4060 S. County Rd. 550 W., Yorktown, Indiana 46902 (317)-765-9133.

WANTED: Now that I'm a co-editor, I'm searching for new ideas for the bulletin and would like to buy any and all of the various antique radio publications that I can. From one issue to entire collections. Still looking for Wilson radios of the 1930s in any condition including cabinets, chassis, literature, etc. Skylark and Showers battery sets of the 1920s in any condition and anything pertaining to these sets. Need a junk chassis from both a Zenith 12A58 and a 38 "Shudder Dial" for parts. Need 3 gold Super Airline 01-As tubes, good or bad. Will buy or trade for these tubes. Have working gold Music Master 01-A (good) and a gold Voltron 01-A (good) to trade for Super Airlines. , Michael Feldt, 12035 Somerset Way East, Carmel, Indiana 46033. Phone (317)-844-0635 or E-mail: feldtm@iquest.net.

WANTED: Zenith 6-S-27, fixer upper OK. Scott Beard, 2600 Garfield Ave. Terre Haute, IN 47804, (812) 466-9367. E-Mail: HYPERLINK mailto:TriodeSB@aol.Com

WANTED: Zenith Pre-war radios, working or not, especially 9S262 consoles. Lee, 711 Ruth Ave. Holland, Mich. (616) 335-2461.

WANTED: Zenith Black Dial or shutter dial chassis and parts, pushbutton Assemblies, etc. 6T5 or 6U5 eye tubes. Philco 41-280 console radio. I also have many plastic and wood radios for sale. John P. Den Hartigh, 5274 Market Street, Kalamazoo, MI, 49001-9501, (616) 342-1512, days or (616) 343-7072, eves.

Ads continued on back page.

MESSAGE: Frontier Capacitor of Lehr, ND will discontinue rebuilding of Twist-Lock capacitors. Rebuilding these capacitors is very labor intensive and we are in a serious backlog position and Antique Electronics has a large supply available. For an indefinite period, we will continue to rebuild nut mounted capacitors which are harder to obtain. We are your best source of top quality, Nichicon capacitors. Orders taken via phone, fax or mail. Everett Hoard, Frontier Electronics, Box 218, Lehr, ND 58460, (701) 378-2341. FAX (701) 378-2551, 24 hrs.

FOR SALE:Rockola model 1434 "SUPER ROCKET" JUKEBOX, configured for 78's. Needs a complete restoration. Realistic offers. Large, late 1960's COKE Machine—works, \$200.00. TWO MANUAL REED ORGAN with bench, plays, \$125.00. All items, pick up only. May be seen by appointment. Mike Clark, 6484 East 350 North, Franklin, IN 46131, (317)-738-4649, (Eves. 6-10PM) FAX (317)-278-0221.

FOR SALE: Hallicrafters SX11 with matching speaker, clean and restored.... \$225.00. Radiola 18 AC set, working\$75.00. Stewart Warner 1937 Radio-phonograph, beautiful Art Deco table cabinet with removable legs.....\$65.00. Crosley 52TE plastic, off white, restored.....\$35.00. Westinghouse Refrigerator Radio, #H-125 green, restored.....\$85.00. Pick-up only or can bring to IHRS meets such as April/ May event. Ross Smith, 1133 Strong Ave., Elkhart, IN 46514, (219)-295-7770.

FOR SALE: Novelty radios. Enlarged (8 ½" x 11" copies): Radiola III and other Radio, tube and test equip. manuals. LSASE for list. Radiola 60 Service Notes with Ghirardi's Troubleshooting Notes--\$10.00. All postpaid. Herman Gross, 1705 Gordon Drive, Kokomo, IN 46902. (765) 459-8308. E-Mail: w9itt@juno.com.

FOR SALE: See the fall issue, #3 of "Bulletin", pgs 16 and 17 for detailed ad of capacitors available from Bob's Antique Radios, 111 East 29th Street, La Grange, IL 60526. Ph. (708) 352-0648, FAX. (708) 352-0647. S & H included in prices

FOR SALE: Pickup only, Console Models: Brunswick 14 and 15, Grunow 681, Silvertone 1750, Philco 42-390, Motorola 81K31, Philco 42-400, Philco 46-1209, Philco 38-7, RCA 67V-1, Philco 48-1282. Dick Oliver, 28604 Schwalm Drive, Elkhart, IN 46517. Phone (219) 522-4516.