

The

FLASH

An Official Journal Published For Radio/TV Collectors

Dedicated to the Preservation and Documentation of Wireless, Radio, Television and Associated Equipment

Volume 7

March



April

1996 Issue 2



In This Issue...

- ♦ Getting Ready for the CRC April Show ♦ Meet the Collector ♦ Brass Plating ♦
- ♦ New CRC Roster ♦ Converting Electrodynamic Speakers to PM ♦

Collector Books for Sale

CRC and NARCC Members get specially reduced prices from L&W Books of Indiana, up to %40 off the suggested retail. Add \$1.00 for shipping and \$1.00 for the CRC per each book purchase. Contact your rep for information.

Other categories of books are available. The complete listing and ordering will be available at meetings (NARCC/remotes by mail). The first price is the suggested retail. All have paperback covers unless otherwise noted.

ANTIQUÉ RADIOS, COLLECTOR'S GUIDE - 3rd EDITION Bunis, '94-95 values, revised & updated, new photos, 278 pgs	\$18.95	\$11.37
ANTIQUÉ RADIOS, COLLECTOR'S GUIDE - 2nd EDITION Johnson, 144 pages, No prices, Repairing and refinishing	\$14.95	\$ 8.97
CLASSIC TV'S, TELEVISIONS PRE-WAR THRU 1950's Bunis, '94-95 values, revised & updated, new photos, 278 pgs	\$16.95	\$10.17
NOVELTY RADIOS, COLLECTOR'S GUIDE - Bunis& Breed, 1995 values, 224 pages, 100s of Radios in Full Color Photos	\$18.95	\$11.37
PHILCO RADIOS, 1928 - 1942 Ramirez, Rarity Scale, 185 pages, All Color, No pricing	\$29.95	\$17.97
RADIO & TELEVISION PRICE GUIDE - 2nd EDITION Harry Poster, 1994 values, 195 pages, Years 1920 - 1990	\$17.95	\$10.77
RADIO, EVOLUTION OF THE - VOLUME ONE 227 pages, 118 in color, More than 800 radios pictured and priced for 1992, picture from the collections of CRC members Jim Berg and Johnny Johnson	\$22.95	\$13.77
RADIO, EVOLUTION OF THE - VOLUME TWO All different from Volume One, 226 pages, Color, Radios of the 1920s - 1960s, with 93-94 values, pix from CRC member Jim Berg	\$24.95	\$14.97
RADIOMANIA'S GUIDE TO TABLETOP RADIOS Stein, "Machine Age to Jet Age - 1933-1959", 100s of photos, 255 pages, 94-95 values, major manufact., resources, plastics & wooden	\$24.95	\$17.47
TRANSISTOR RADIOS, COLLECTOR'S GUIDE Bunis, 256 pages, 1994 prices, Full Color	\$15.95	\$ 9.57
TRANSISTOR RADIOS, COLLECTOR'S ENCYCLOPEDIA Lane & Lane, 1994-95 prices, 168 pages, Photos, 2200 listings	\$19.95	\$11.97
ZENITH TRANS-OCEANIC, ROYALTY OF RADIOS Bryant, 1995 Price Guide, 160 pages, History/Restoration, 100 Photos	\$24.95	\$14.97

Official Journal of the
*Mountians N' Plains Radio
Collector's Association*

Dedicated to the preservation and understanding of wireless,
through the united efforts of organizations throughout the Rocky
Mountain region and the Great Plains.

Volume 7, Issue 2

March/April 1996

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ABOUT THE COVER

That's right! It's Barney Wooters, sitting in front of his 1920's amateur radio station, surrounded by all manner of fascinating and amazing artifacts of the times.

But wait, this is only the beginning. Catch up on Barney and his love of collecting, restoring and repairing in this month's "Meet the Collector" article starting on page 15..

FLASH!! PUBLISHING DEADLINE NOTES

It's the intention of this Editor to mail our journal bi-monthly just prior to the 2nd Sunday of the issue month. Articles about, and pictures of your treasures, are welcomed as are **Want/4-Sale** ads and any letters or comments about our hobby. All material used are the copyrighted (C) property of the **Colorado Radio Collectors**.

The article submission deadline dates are set to allow timely mailing in the following month. These dates are the 1st of Feb., Apr., Aug., Oct. and Dec.

**** ADS ARE FREE TO CRC & NARCC MEMBERS ****

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Thanks to the *Pressworks* for printing the FLASH!!
(303) 428-8600

Kudos to this month's Flash contributors!
Wayne Gilbert, Dave Gonshor, George Gonzales, Bob Jensen, Larry Weide

Colorado Radio Collectors Antique Radio Club

Founded October 1988

Dedicated to the Preservation and Documentation of
Wireless, Radio, Television and Associated equipment

MEETING LOCATION

Unless otherwise noted in this Journal, meetings are held on the second Sunday of every other month starting in January (except: 3rd Sunday in May) at 1:00PM at the **South West Bank Building**, Community Room, 1380 South Federal Ave.. A swap meet follows the meeting in the parking area.

C.R.C. OFFICERS

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Larry Weide
Englewood (303) 758-8382

Vice President:

Dave Boyle
Littleton (303) 979-5403

Treasurer:

Bob Cofer
Denver (303) 861-8454

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**Larry Weide
5270 E. Nassau Cir.
Englewood, CO 80110**

ON THE AIR

Let's think about this a bit

Larry Weide, C.R.C. President

We had a great turnout at the meeting last month, with lots of contribution. More over I think that a lot of good information, and radios, were passed along from one member to another - the way it should be. But, as many of you know, there is some concern about the activity of individuals who choose not to be members of the CRC, yet come around during an assemblage of a large group of collectors.

The case in point is that ex-members were seen in the parking lot dealing with CRC members *before* the meeting and in advance of when everyone would be expected to be there ready for the meeting. Certainly, no one can tell you who you can sell your radios to. However, we are an organized group, and we do pay dues to be accorded the privileges of this group, and after all, this IS a CRC meeting. Wouldn't it be better to allow all the attending CRC members to have access to the items you brought for the CRC meeting swap meet?

During the meeting, when some discussion occurred over this incident, there were no arguments against the point that swap meets should be one of the privileges of membership - and, in fact, our by-laws state this.

So, what to do? Our agenda schedule has always had the swap meet set for *after* the meeting. I would like to call upon all members to honor this arrangement. You're *not* responsible for whoever comes onto the property, and again, you'll sell your radios to *whoever you choose*. But please, give the CRC membership at least an even chance to "swap" - just like the one you would appreciate.

Do you have an opinion or point of view on this or any other issue? If you'll send me an anonymous note I'll see to it that A. Tickler prints it.

Larry

The Annual CRC April Antique Radio Show and Sale

Everything you need to know to get ready

Yes, it's that time of year again when we dust off, polish up and get our treasures from the past ready to put on display for fun and, who knows, maybe a little profit. Of course I'm talking about choosing those items that we would like to show in our annual contest, and perhaps other items we would like to sell as well.

The Show Committee met in January in order to review the past shows, and determine what parts of this activity needed changing to hopefully make this year's show even better. As was mentioned in our last regular meeting, we now have a new show control program that lifts some of the restrictions of the previous program, and the committee took this into account when making the final decision on rules, conditions, time tables, etc. The following is the complete packet of information you will need for this year's show and sale.

Location: The Denver Stock Show Complex - North Building
Date: Contest April 27, showing and sale April 27 - 28

Contest Categories:

Accessories	Novelty - Transistor
Art Deco	Novelty - Tube
Bakelite	Plastic - Tube
Battery - 1926-1930	Portable - Pre 1926
Catalin	Portable - Post 1925
Cathedral	Pre 1925
Console - Full Length	Speakers
Console - High/Low Boy	Specialty Brand - Zenith
Console - High End	Television
Crystal Set	Tombstone
Metal Box - 1920's	Transistor
Metal Case	Tube/Parts Display
Peoples Choice *	Wooden - Line Powered
Best Restoration **	Best of Show **

*=Popular vote by public **=Popular vote by CRC members

Judging Criteria:

- Internal Condition
- External Condition
- Rareness - Meaning: Relatively few in existence
- Uniqueness - Meaning: Novel, not many like it
- Presentation - Meaning: How well displayed, supporting documentaton, descriptions, etc.

As in other years, there will be some emphasis, by virtue of the criteria weighting, on an entry's condition. The idea is to allow radios of all ages and collector value to be able to compete fairly. Thus, collectors who have given time and care to restoration and/or cleaning to *any* of their radios should not hesitate to consider entering them in the contest. The show is only successful when there is abundant participation by CRC members.

Timetable of Events:

Friday, April 26 - 2:00pm to 8:00pm - Setup

- ✓ This is the only time that you can drive into the complex to drop off equipment. Enter site at N/E corner, then around to west entry ramp.
- ✓ You can setup Saturday, but you will have to *carry* equipment in.

Saturday, April 27 - Set up, Registration, Contest and awards

- ✓ 8:00 am - Setup and Registration
- ✓ 9:00 am - Complex opens to public, begin selling
- ✓ 10:00 am - Registration Cutoff
- ✓ 10:30 am - Judges Briefing
- ✓ 11:00 am - Judging Commences
- ✓ 1:00 pm - Awards Posted
- ✓ 5:00 pm - Complex closes for the evening
- ✓ 6:00 pm - CRC dinner commences

Sunday, April 28 - Display and sale continues

- ✓ 4:00 pm - Complex closes

Costs for Space and Equipment Rental:

The stock show complex charges the CRC for the space assigned and for each table and chair that is used. The CRC prorates the cost of the selling space into a charge to each seller, and passes on the cost of the optionally rented sellers tables and chairs. Sellers may share the cost of space and equipment with each other in any combination. Sellers may choose to use their own tables and chairs.

<u>ITEM</u>	<u>COST</u>
Space	\$40
Table	\$6
Chair	\$1

CRC Dinner Arrangements:

We will continue to have the annual show dinner at the end of the first day of the show. This is a time when we can get together to relax, enjoy a leisurely meal, talk about the events of the day and have the official announcement of rewards. *You need not attend this dinner to receive your award(s).*

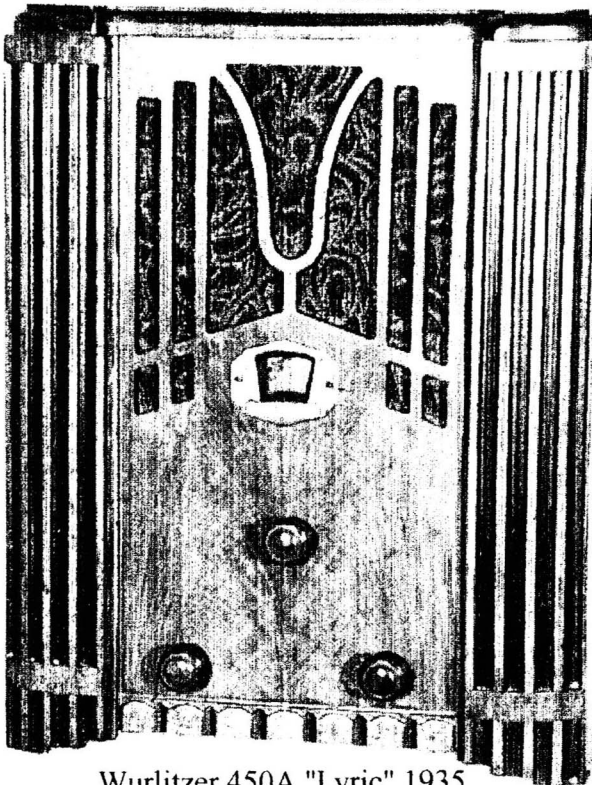
- You must make reservations by 12:00 am on Saturday with Jerry Tynan.
- You are invited to bring a guest.
- Payment for dinner must accompany reservations - no refunds.
- A reservation will be approximately \$11/person (includes tip).

Content of Judges Briefing:

- ☒ Explanation/Review of categories and criteria
- ☒ Judging assignments based on membership attendance and judge's own entries
- ☒ Pairing of judges
- ☒ Explanation of entry reviewing and arriving at a judging consensus

Additional Items of Interest:

- Light snacks will be provided by the CRC for attending members.
- Volunteers are needed to watch over displays - Sat. & Sun.
Please consider coming and staying at least a while even if you're not entered in the contest or selling.
- You are highly encouraged to wear your CRC membership badge. You will need your badge for free exhibitor entry into the building. You will need your badge to receive complimentary CRC snacks.



Wurlitzer 450A "Lyric" 1935
Owned and Restored by Riggs Smith, CRC

◆ Colorado Radio Collectors Antique Radio Club ◆
 ◆ 1995 - 1996 Membership Roster ◆

W.E.	Adams	
Rick	Ammon	970-224-5446
Steven	Axelsson	303-972-1189
Gilferd	Baker	
Fred	Bantin	303-356-8862
Robert	Baumann	303-988-2089
Clyde	Benge	
Jim	Berg	509-732-4047
Steve	Betz	303-360-0807
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Harold	Burt	303-762-9062
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Neil	Gallensky	303-466-0976
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Wayne	Gilbert	303-465-0883
David	Gonshor	303-979-9511
Gary	Gray	303-466-1392
William	Grimm	303-690-1330
Dick	Hagrman	303-794-6674
Ray	Hagrman	314-272-6526
Larry	Higgins	303-752-0898
William	Hinkely	303-730-8539
Jack	Hutcheson	
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Bob	Jensen	308-762-7391
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Johnny	Johnson	303-274-5474
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Bruce	Kelly	

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Steven	Kimmett	303-781-5056
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Ray	Kushnir	719-634-5861
Henry	Lamb	
Don	Loomis	303-789-3803
Matthew	Lutkus	303-469-9604
Jack	Mattox	308-762-8831
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Jim	McCutcheon	303-343-9177
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Dave	Meyer	
Kenneth	Miller	412-242-4701
James	Mize	
Mike	Murphy	
Travis	Ogden	308-534-6337
Dan	Okeson	913-827-6103
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Tom	Pouliot	303-988-1669
Walter	Purvis	303-342-0790
Steven	Ralston	303-823-6982
Jim	Rankin	
Alex	Scarbough	303-794-4347
Richard	Shepherd	
Garold/"bud"	Slagel	605-745-3265
Bob	Slagle	719-632-7901
Lonnie	Smith	303-424-1993
Riggs	Smith	303-973-8792
Ron	Smith	303-238-1384
Victor	Smith	303-667-3195
F.D.	Sodamann	719-543-6654
George	Stringe	303-494-9261
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Robert	Swigert	719-598-3985
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David	Tomlin	303-972-4975
David	Tripe	303-364-2812
Jerry	Tynan	303-642-0553
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Don	Wick	719-598-7146
Ray	Windrix	719-597-5098
Barney	Wooters	303-770-5314
Bruce	Young	303-458-7408

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Nebraska Antique Radio Collectors Club

President's Column

by Bob Jensen

The recent rash of cold weather and blizzard conditions probably have kept most of us at home, close to the fire. A few of us might have had the time to restore or repair a few radios. Some of us might have located more radios to add to our collections. Whatever the winter has brought, I hope that everyone has had the time to enjoy their hobbies.

The time for the first meeting of 1996 will soon be here and there will be many things we need to discuss. The meeting schedule, club auction and other activities will be on the agenda. Let's not forget the election of officers for the 1996 year. If there is anyone that would like to run for an office please let us know.

I would like to take this opportunity to thank everyone that helped make the last year the success that it was. A big thanks to the auction staff and to the people that lined us up with the meeting paces and provided refreshments. Thank you to the people that have traveled the long distances to attend the meetings. And finally another thanks is in order to all the people that brought radios to the meetings to share with the club.

Our first meeting for 1996 will be held on March 24th at the KRVN studios in Lexington Nebraska. A swap meet will be held at 1:00pm with the meeting starting at 2:00pm.

Bob

Replacing Electrodynamic Speakers with Permanent Magnet Types

By Dave Gonshor, CRC Member

[Ed. Note; Finding a direct substitute for an old un-repairable speaker is often futile. Dave tells us how to use a readily available PM speaker as a substitute.]

You have two problems to work here. First, a field coil in an electrodynamic speaker is probably used as a filter choke in the power supply of the radio -- but not always. The equivalent of the impedance of this coil must be restored to the circuit, where the speaker was removed, no matter how the field coil is used. For example, if the field coil impedance (AC resistance) is 1000 ohms, then 1000 ohms must be substituted. The field resistance is usually shown on the schematic. Since a choke supplies filtering, simply replacing it with a resistor may result in increased hum, but it is the easiest thing to do. If there is a 100 volt drop across the 1000 ohm field then, from Ohms Law, V^2/R is 10 watts. Use a 1000 ohm 20 watt resistor in this case. A better substitute is a choke of the proper rating.

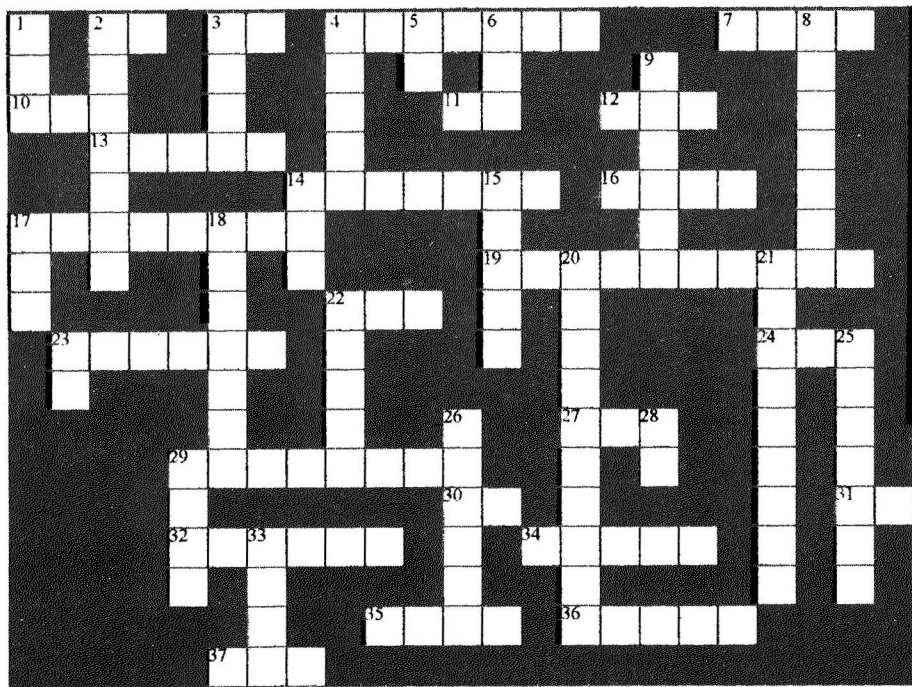
The second problem is the voice coil. If the original speaker included an output transformer

mounted on the speaker, then that transformer must be used or replaced. If it's a push-pull output, the replacement transformer must have a center tapped primary winding. The secondary could then be connected to your 8 ohm speaker. In some speakers that have a push-pull transformer mounted on them, the B+ for the center tap of the primary winding (which supplies plate voltage for the output tubes) is connected to the load side of the field coil right at the speaker, so *watch the wiring!* A constant voltage type line transformer won't work. Pick an output transformer of the proper rating (that depends on the output tubes), available from AES and other sources. If the output transformer is contained on the chassis and not the speaker, then simply connect the 8 ohm speaker to the audio output of the radio.

Some old AC sets were designed to drive a high impedance voice coil speaker. In that case, you must include an output transformer to step down to an 8 ohm speaker. There are many variables here, so it's best to get some expert advice for the particular radio you have.

Good luck - Dave

Radio Crossword Puzzle - by Wayne Gilbert



ACROSS -

- 2 Turn to this position for Jack Benny
- 3 Straight flow
- 4 Cabinet material
- 7 Cabinet
- 10 Marijuana
- 11 Period for successful bird
- 12 Our org.
- 13 Suspend
- 14 Fins
- 16 Cylinder
- 17 Dial type
- 19 Kitchen tool
- 22 Pico Farad
- 23 Shorty
- 24 Safety
- 27 Radio technology
- 29 Resin
- 30 Broadcast frequency
- 31 Frequency range
- 32 Short kid
- 34 Isolated hills
- 35 Cable
- 36 Time
- 37 Tube

DOWN -

- 1 Extremity covering
- 2 Combination of cells
- 3 Obsolete telephone part
- 4 Prized possession
- 5 mmf
- 6 Resistance
- 8 Vocalizer
- 9 Earth
- 14 Part of triangle
- 15 R2D2
- 17 Kent's machines
- 18 Radiator
- 20 Non mechanical
- 21 From mean to extreme
- 22 Chyrel or Twigg
- 23 Common cap. unit of meas.
- 25 Unusual
- 26 Checker
- 28 Broadcast frequency
- 29 #47
- 33 Expensive Tube

(Answers on inside back cover)

Meet the Collectors

"Barney Wooters"

Text and Pictures by Larry Weide, CRC Member

Sure, I've been in Barney and Jane's home lots of times. We're friends, and he and I, along with some other radio buffs, almost always have lunch together on Wednesdays. But still, every time I'm given the privilege of entering Barney's "inner sanctum" it is a real treat. Well, I got to thinking, if there ever was a truly multifaceted, genuine and prolific collector, that we should all meet, it's got to be Barney Wooters.

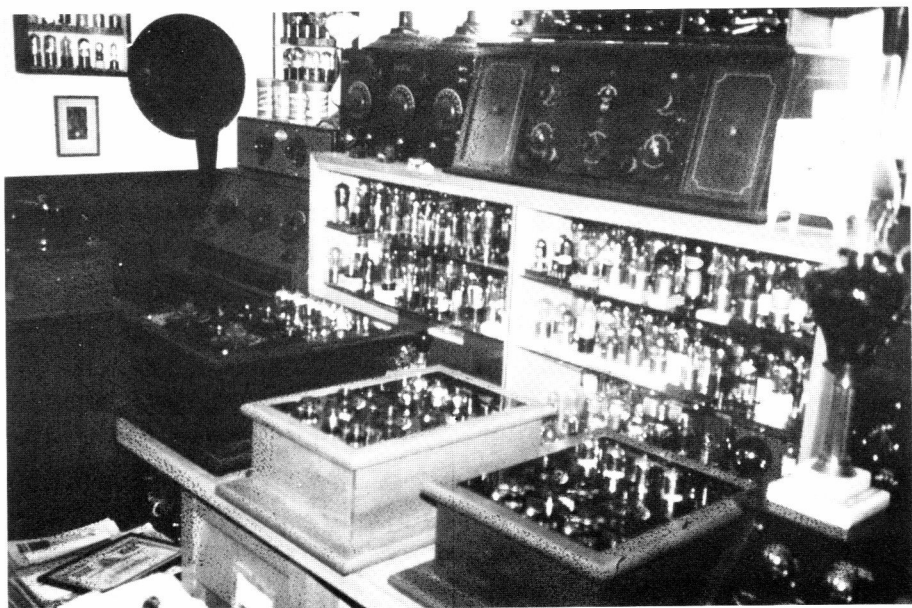
So, after getting Barney's gracious acceptance to an official interview, another wonderful tour of his collection and a photographic session, I arrived on his door step with camera and notebook in hand. After being invited to sit in the most comfortable chair in the house, as is Barney's custom, I began to ask questions and he began to talk.

Barney was born in the little town of Meadville Pennsylvania some 55 years ago. Although it was a rather circuitous route, his family finally found themselves in Corpus Christi Texas eight years later, where Barney was to begin his love affair with radio.

Actually, Barney's first remembrance of an "electrical activity" was getting into trouble for putting wires into a power receptacle - at the age of three! Yes, Barney really got an early start. By the age of nine he was already fixing the family radio -- which he still has (does this start to give you an idea of what you're about to experience?).

Barney was very fortunate as a youngster in that he had mentors who gave him precious opportunity to explore his insatiable interest in radio and things electronic. The first experience was with his Sunday School teacher who owned a radio repair shop. Barney was hired to work there on Saturdays. He began there for 25 cents a day as a floor sweeper and tube puller. However, it wasn't too long before he was actually doing regular bench service work.

By 1953 Barney was riding his bike around town making house call repairs. During his junior and high school days he was earning extra money by doing TV repairing. During these school years he worked in other shops as



well. Radio, TV, ship-board radar, mobil com equipment and oil well logging gear were areas that Barney was quite expert in *before* he graduated from high school.

But now it was time for his family to move on and in 1960 Barney moved to Dallas where he started college. Although he began undergraduate school in engineering, as you might suspect, it was not to be after all. After two years of school Barney switched to business administration and continued straight through to earn a MBA degree. Go figure.

So where does a MBA graduate in 1964 get his first job? In a gas station of course! Because of military deferments nobody wanted to hire him fearing that 'ole Uncle Sam would be calling him up at

any moment. Although he did work for Texas Instruments for 6 months, it wasn't until after a stint in the Texas National Guard that he finally landed a permanent position with Collins Radios, doing industrial engineering and quality control work.

In 1975 Barney got a call from Frontier Airlines, to come to Denver for a job that he couldn't pass up, as their warranty administrator. Here is where we find him today, happily ensconced in the Rockies with a son in Dallas, and a daughter and their one year old grandson nearby.

In the meantime, other things were happening in this young man's life. It was around 1963 that Barney realized that there was "stuff" out there *badly* in need of

being collected. In 1965 Barney finally got his dear beloved Jane to say "Yes". And so one of the finest collections in the Denver area of early radios, tubes and equipment, coins and stamps, kerosene lamps, flashlights and clocks and watches had begun (He still only has the one original wife however).

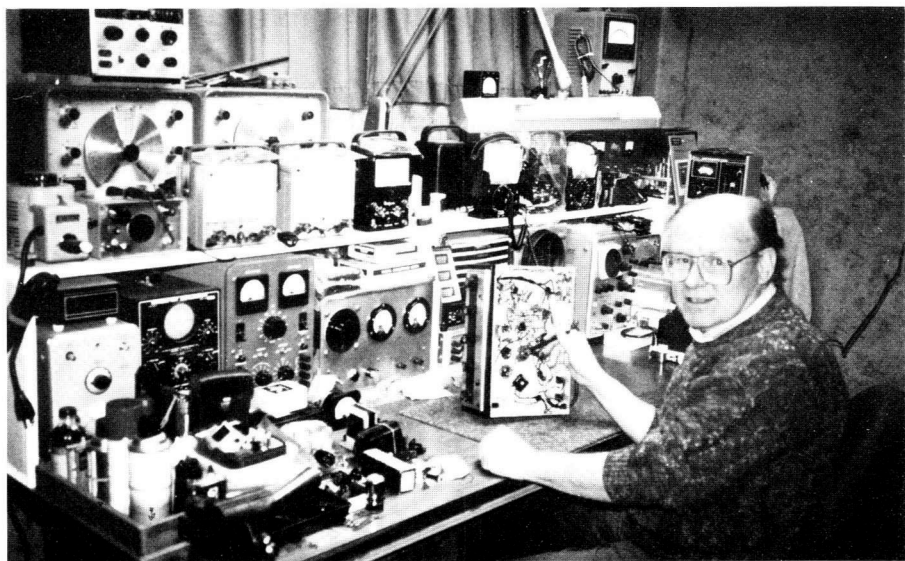
As you walk around looking at Barney's museum quality collections, it's hard for your eyes to take in all there is to see. It's not just that there are so many fascinating items, but just when you think that you've discovered the most interesting one you immediately trade it for another.

I took some pictures that are included in this article that I think deserve some explanation. Page 16 shows a view of his tube collection. Not only does Barney

have an example of nearly every tube ever made for receivers, but each tube has been carefully mounted on custom made stands and, as you can see, placed in display cases. Barney even has a couple of copies of deForrest's "Audion" tube - the original electron tube.

Page 17 shows Barney being propped up by an excellent example of early Zenith craftsmanship. This is a very rare 1928 Model 39A, and it has an amazing story. It seems that Barney had at one time sold this mint condition radio to a collector in the middle west. The radio was kept in a barn! Sure enough it was nearly destroyed. Barney managed to get it back and was referred to a cabinet restorer in Arkansas. The cabinet was put on a moving van





that was coming through Denver on its way to the south. The cabinet was fully restored and delivered back to Denver -- for less than \$200. The gentleman even reconstructed missing moldings that can't be distinguished from the original sections.

The front cover of this journal shows Barney sitting in front of a real one-of-a-kind item. This is a 1920's amateur radio "spark" station (yes, Barney is a Ham too) that was custom built by someone in the Denver area. It's made from a kitchen table with machined and polished brass fittings throughout -- a real work of art. In addition to the radio equipment, you can just see the original chair that was used when the set was in operation 70 years ago.

Page 18 shows the Radiomeister sitting at his very complete workbench. As some of you know, Barney does professional servicing of all types of new and old electronic equipment. However, did you know that Barney is also an excellent watch maker doing repairs on fine clocks and watches?

So what does Jane, Barney's long suffering wife, have to say about all of this? She says that she prefers that he fool around with old radios... rather than young women! (Sorry Jane, I just couldn't resist that - Larry)

Do It Yourself Brass Plating

with permission by George Gonzalez - Guest Author

grg@boombox.micro.umn.edu

[Ed. note; thanks again to George for another great article. George is a regular contributor to the [rec.antiques.radio+phono internet bulletin board](http://rec.antiques.radio+phono.internet.bulletin.board). Here's where you'll find lots of valuable information, *and* be able to ask questions about your problems and quests. Isn't about time that you were on the net too?]

If you have been refurbishing radios for any length of time, this has probably happened to you:

You start cleaning off some brass parts, maybe a dial escutcheon or front-panel screw. You gently rub a plastic scouring pad over it and before you get all the tarnish off, you've rubbed through a thin brass plating and have exposed some ugly steel. Yes, we should have used some less aggressive polish, but the damage is now done.

Or, you just can't stand the dull gold paint used on some Zenith escutcheons (love that word), are not a purist and would rather see some brass there.

It turns out that Antique Radio Supply has a brass plating "kit". You get a small jar of special goop and a funny looking brush. You

add a 3-6 volt battery and supposedly start plating on real brass. Here's my experiences with this process:

First, WATCH OUT! The goop has CYANIDE in it, so you want to follow all precautions. This is poisonous stuff. I'm still alive, so its not too bad. Just be careful — don't get the goop on your hands, don't bring any food into the room that you'll be tempted to touch and then eat. Don't use this material if you have any open cuts on your hands.

I didn't have a 3-6 volt battery at several amps, so I used a 12 volt gel-cel and a 4 ohm resistor to limit the current. I didn't experiment with different setups but this one worked fine. I suspect this higher voltage with a limiting resistor may even work more reliably than a lower voltage and less current limiting.

I cleaned off the escutcheon, hooked up the wires, put some goop on the brush and *voila*, the ugly steel quickly got a nice coating of brass. Several points, in no particular order:

• You must clean the base metal as much as possible, and then some. You can't depend on the plating to cover over any porosity, slag, rust, oil, pits or discolorations. The plating is pretty, but only millionths of an inch thick. It does not fill in any crevices, no matter how small. The Zenith escutcheon had some tiny pinhole flaws in the metal and they show through the plating job.

• The plating goes quite slowly, maybe 1 square centimeter every 15 seconds. So you probably don't want to do this over large areas.

• I didn't clean some corners of the escutcheon too well, and it shows through the plating. It's okay, it just looks like "old brass" beside the new brass look of the clean areas. It's okay for an antique radio, but not so good if you want a brand-new look.

• Every few square centimeters, you'll want to clean off the brush. A gray goop builds up under the metal backing of the brush. It doesn't seem to cause any problems, but it's best to wash and scrape it out periodically. If it gets onto the brass it leaves a small smudge that can be washed off. I did not test the sludge, but it's safest to expect that it's full of

active cyanide, so don't put it in your drinking glass.

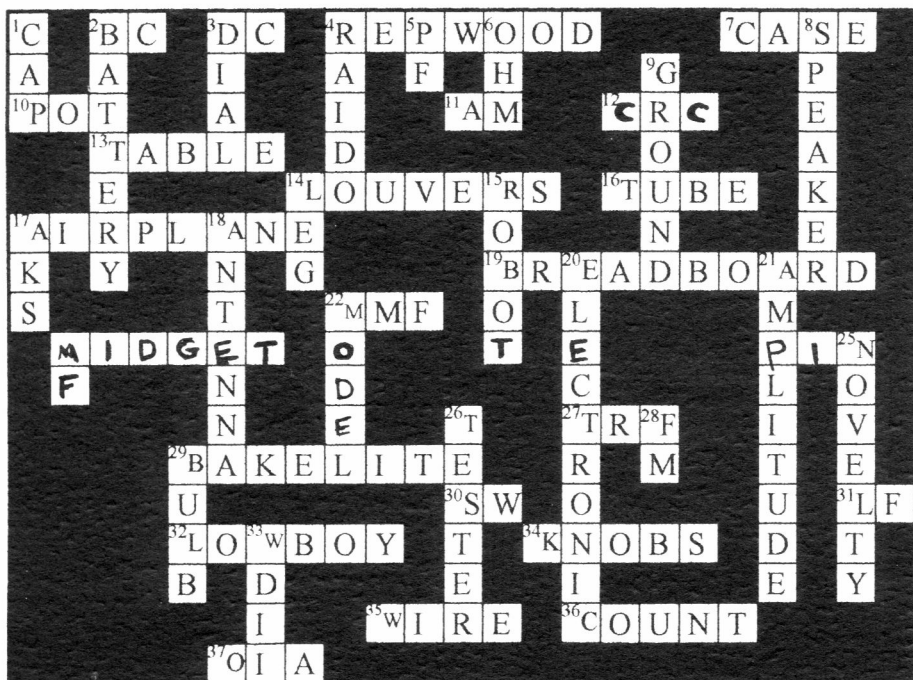
• Wash the object off when you're done plating. You'll probably notice some spots you missed. A second pass with the plating brush works very well — there are no paint lines or other signs.

• The layers are very thin, so it's not a good choice for areas that will take a lot of wear. It's fine for dials and hinges, not so good perhaps for knobs and some latches.

Overall, I'd recommend the process. Try it out on those ugly worn or damaged parts. AES also has silver and nickel plating solutions if you need those.

- George

Radio Crossword Puzzle Answers



More Ads in the Open Trunk

4 Sale:

- ◆ 1934 Philco Model 60 Cathedral
(First Version - Pg. 52/Ramirez)
\$170

1941 Philco Model 41-258
Console (Pg. 141/Ramirez)
\$135

Matt Lutkis

303/469-9604

4 Sale:

- ◆ 1941 Philco Model 41-240
Table top
\$50

Bill Hubbell

303/424-3330

The Open Trunk

More Ads on the Inside Back Cover!!

4 Sale:

♦ "Return With Us Now..."

The gallery guide to the fall/95 antique radio museum show at Lakewood's Historical Belmar Village

- ♦ Pictures and details of all radios
- ♦ Articles on the pioneer people, companies and broadcasters
- ♦ Radio dating for the beginner
- ♦ Patent #'s by year, 1836 - 1987

\$4.00 at meetings and museum, or

\$5.00 post paid by mail to:

Dick Hagrman

3429 W. Berry Pl.
Littleton CO 80123
303/794-6674

Wanted:

- ♦ Speakers for: Zenith 7S260 or 7S261, AK 480

Jack Mattox

1443 Platte
Alliance NE 69301
308/ 762-8831

4 Sale or Trade:

- ♦ - Six tube testers
- Hickok 5" Oscilloscope
- CRC Testers, etc.

Need cathedrals or tombstones

Kenneth Miller

10027 Calvin Street
Pittsburgh PA 15235
412/ 242-4701

4 Sale:

- ♦ Reproduction lid tags with warranty card for the Crosley 51, 51P 51E and 51SD... \$4.00 each. When requesting one, please send the serial number of the set.

Wanted:

Binding post nuts and tube socket shells for Magavox AC2 or AC3 audio amp. Also photos and any info would be appreciated

Bob Jensen

420 Grand Avenue
Alliance, NE 69301 - 308/762-7391

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