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ANTIQUE RADIO CLASSIFIED

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NUMBER 6



DeForest Model W-5 Receiver at the American Museum of Radio & Electricity

A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS OF OLD RADIOS AND RELATED ITEMS — WWW.ANTIQUERADIO.COM

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ANTIQUÉ RADIO CLASSIFIED

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PURPOSE. Antique Radio Classified is published for people involved in the radio collecting hobby. Its purpose is to stimulate growth of the hobby through the buying, selling and trading of radios and related items, and to provide a monthly forum for the interchange of ideas and information.



EDITOR'S COMMENTS

Twenty-five years! That's a long time, especially when I realize that I have been publisher/editor of *Antique Radio Classified* for twenty-three of them! My thanks to all of you who have traveled with us, from the early days of exciting growth in collecting and readership, to the present day of economic difficulties.

That journey is recounted in Managing Editor Dorothy Schecter's article "A.R.C. — The First 25 Years." Every five years, we like to look back to see how far we've come and how much has changed. For those of you who have lived through many five-year periods with us, the recent changes will be the most telling; for newer subscribers, it may be surprising to learn how much organizational history there is to tell.

Thank you too for the understanding many of you have expressed about the need to publish, what some have called, the "skippy" May issue. As promised, this June Silver Anniversary issue includes a variety of articles, as well as ads, coming radio events and a club listing — everything you need to keep in touch with the radio world. (In the interest of article subject balance, we have postponed the Radio XL report until a future issue.) We will probably continue with the cost-saving measure of publishing issues of varying size, which, nevertheless, will provide in total the same amount of information you are accustomed to receiving.

In addition to your generally positive reaction to the change, we have even received a few donations, for which we are grateful. And, "Radio Miscellanea" contains some of your encouraging comments. These extra displays of support for A.R.C. reinforced my belief that we are all in the business of preserving radio history together.

Most of us are pursuing this hobby for love, not for profit. In fact, what many may not realize is that A.R.C. has not been a profitable enterprise in recent years. But, it has been my way of adding another dimension to my personal love of old radio and of providing to others what one responder called "a lifeline to the radio world."

As an unofficial historian for club events, A.R.C. publishes annual reports on major meets and auctions, such as MARC's 2008 Extravaganza contributed by Mark Oppat and John Reinicke. Starting at 7 A.M. sharp on Friday, this public-friendly meet has all the ingredients of a great event. Its "Radio Reception" on Friday night is open to all — a festive highlight in a weekend of radio collector camaraderie. The 2009 Extravaganza will be held July 9-11, and so you will have time to plan to attend.

A new radio book is another kind of exciting event. Howard Stone reports on *Where Discovery Sparks Imagination* by John Jenkins about the extraordinary contents of the American Museum of Radio and Electricity in Bellingham, Washington. If Howard's wife Karen, who "isn't in love with old radios" was excited by a visit to the museum, he is sure you will be excited by

the handsome pictorial contents of this book.

We also asked John Jenkins himself to write an account of how he came to write the book, as this seemed like a natural follow-up to his March 2003 article about the museum in a much earlier phase of its history. With this book, John has certainly gone the extra mile in recording the growth of the museum and its coverage of four centuries of electric technology.

Of course, there are many other ways to contribute to our ever-evolving knowledge of radio. One is to undertake the restoration of a set as impressive as a Scott Allwave 23. Frank Drost did that, not once, but twice! The second time he documented every step, and we are all the beneficiaries of his work.

In a similar vein, A.R.C. staff member Ray Bintliff can't resist a repair challenge. This time, even he was surprised by the strange NeoNeon sign presented to him for repair. Though it uses vacuum tubes, it is not a radio; however, a good engineer always has to analyze how such a device works and to share his findings.

Similar due diligence is admirably exhibited in Paul Turney's article on the G & F Searchlight radio. Paul attempts to solve the mystery of who actually made this interesting radio. Though he draws a conclusion from his research, he allows that other possibilities could still be out there. In an interesting aside, he explores how punchcards offering radios as prizes figured in the advertising campaigns of the period.

And so it goes — there's no limit to what might capture the interest of an individual collector, and we are fortunate that many of you share that interest in writing with the rest of us.

One thing is for sure, we at A.R.C. are happy to produce this magazine and intend to continue to keep it going for the purposes and pleasure of all.

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Coming Radio Events. Summer is everyone's favorite season for getting out and enjoying our hobby. Listed this month are 26 meetings, 10 meets, and 4 auctions. Let the good times begin.

Happy Collecting!

John V. Terrey, Editor

ON THE COVER

The DeForest Model W-5 receiver, ca. 1926, shown on our cover is only one of over 1,000 receivers exhibited at the American Museum of Radio and Electricity in Bellingham, Washington. It is also one of over 600 items illustrating John Jenkins's new book about the museum. The book covers the six galleries of the museum, and this set appears in Gallery Four, "Radio Enters the Home."

WITH THE COLLECTORS

The G & F Searchlight Radio A Mystery Solved?

BY PAUL F. TURNEY

Some radios that cross a collector's path require serious research. Paul Turney shows great persistence in his pursuit of the history of the G & F Searchlight radio. (Editor)

At the Kutztown, Pennsylvania, radio show in the fall of 2008, I purchased the unusual and rare novelty radio by G & F Sales Co. of Chicago, shown in Figure 1. It has been referred to variously as the "Searchlight," "Spy" or "Disc" radio. Some cursory on-line research soon after my purchase revealed its origins to be obscure, and although an attached decal attributes it to G & F Sales, just who they were turned out to be a mystery.

One well-known guidebook claims that the set's manufacturer was General Radio, but this assertion turns out not to stand up to close scrutiny. The pedigree of this set has, in fact, been the subject of much debate, and feeling compelled to uncover the facts, I decided to shine a spotlight on the Searchlight and see just how many of its secrets could be revealed!

THE FIRST CLUE A PATENT NUMBER

A decal attached to the rear cover bears the wording "G & F Sales, Chicago. Patent Applied For." This is one of the few clues as to the set's origins appearing on its cabinet. However, it turns out to be one key to unlocking the mystery. Prompted by the words "patent applied for," I undertook a search of U.S. patents for the years 1935 through 1940, using the on-line "Google Patents" search engine, with keywords "radio cabinet." Although the search generated numerous hits, before I had waded through very many of them, design patent #109,040 surfaced, featuring this very set. See Figure 2.

I considered this a lucky break, as only a small fraction of the era's radio cabinets were ever patented. I'd been on several wild goose chases through the patent database on previous occasions, impelled by claims of "patent applied for."

U.S. design patent 109,040 was granted to Irwin

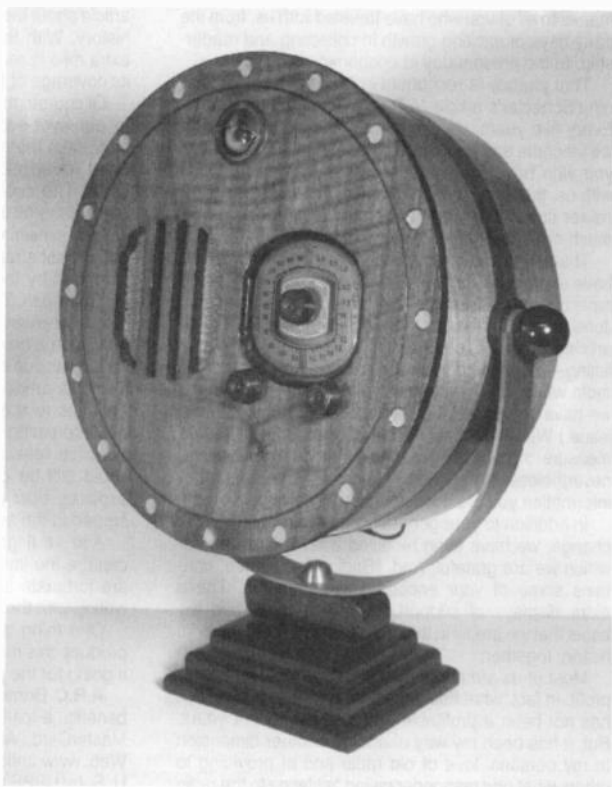


Figure 1. The G & F Sales Co. Searchlight radio.

Feitler (as in *fighter*), on March, 29, 1938, the application having been made in November of 1937. This application date, taken with the "patent applied for" sticker on the radio would seem to date the radio to late 1937 through early 1938, a little later than the 1936 date sometimes attributed to it. But who was Irwin Feitler and what was his connection to G & F Sales?

G & F SALES AND IRWIN FEITLER

My subsequent research has led to finding that Irwin Feitler (1903 – 1990) was a Chicago entrepreneur known for, amongst other things, his involvement with South Side real estate. Of particular interest to our story is the association of Feitler with

(Text continued on page 8)

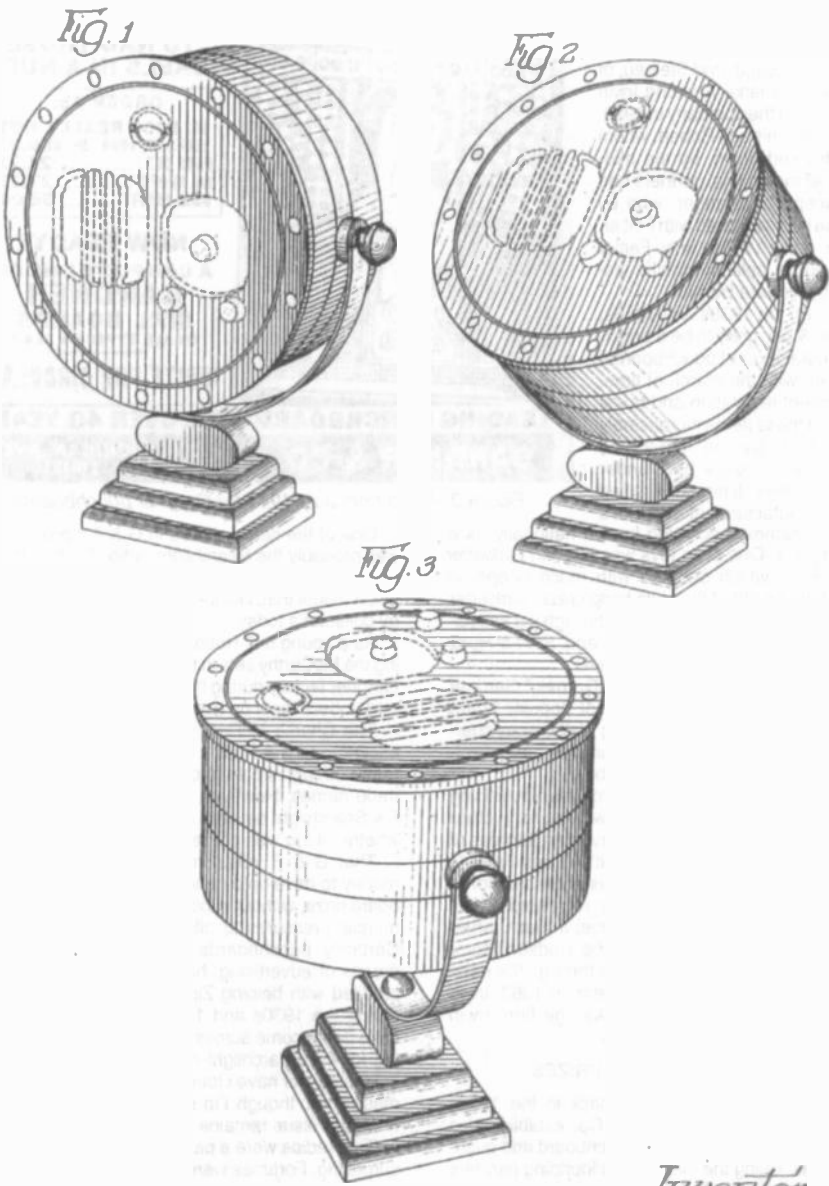
March 29, 1938.

I. FEITLER

Des. 109,040

RADIO CABINET

Filed Nov. 8, 1937



Inventor:
Irwin Feitler,
By Cromwell, Stuart & Warden
attys

Figure 2. The Feitler patent application for the Searchlight radio dated March 29, 1938.

(G & F Searchlight radio, continued)

Gardner & Co., which started off, circa 1908, as a Chicago-based manufacturer of punchboards and pushcards. See Figure 3 and box.

A patent from 1923 (#1,582,596) names the company as a partnership of Granger, Gardner (who was Feitler's wife's uncle), and Fitzgerald, all of Chicago, and Steinau, of Evansville Indiana. A young Irwin Feitler joined the company in 1928. According to his son Robert, whom I had tracked down, by the mid-1930s, all the original partners had left, except for Granger, who by that time had partnered with Feitler. By the early 1940s, only Feitler remained as sole proprietor, assisted by his wife Bernice.

Through the 1930s and 1940s, Gardner & Co. grew to be a principal manufacturer of punchboards. However, with the march of time, government legislation and taxes rendered these items increasingly unprofitable. By the mid-to-late 1950s, the company had, under Feitler's stewardship, diversified into a manufacturer of children's toys and games, becoming known nationally as a toy company. One of its toys was the "Art Linkletter Spin-a-Ball," which debuted with much hoopla in 1958 at the height of the Hula hoop craze. Linkletter was also involved with this craze through his associations with *Link Research Corp.* and *Spin-a-Hoop Corp.* of Los Angeles. See Figure 4.

Under the trade mark "Gardner Games," Gardner & Co. manufactured a multitude of popular board games, including several featuring Walt Disney characters and themes. Surviving examples are collectible today and turn up often on Ebay.

From 1937 through 1946, Gardner's advertising and product packaging, along with sundry other materials I've encountered, displayed an address of 2309 S. Archer Avenue, Chicago. It's Robert Feitler's recollection that they occupied this address prior to these dates also. In 1946, they relocated a few blocks to 2222 S. Michigan Avenue, a much larger premises formerly occupied by the Hudson Motor Co., where they remained at least through the early 1960s. After this, I lost track of them. In 1963, Irwin Feitler opened a real estate brokerage firm, Irwin Feitler & Co., also at this address.

G & F PUNCHBOARD PRIZES

According to Robert Feitler, back in the 1930s punchboard heyday, Gardner & Co. established a novelty company to distribute punchboard and pushcard prizes. Using the initials of its founding partners Granger and Feitler, this subsidiary for a while went by the name "G & F Sales" (later the M.J. Lee Co.) and shared the premises with Gardner & Co. on Archer Avenue.

G & F probably did not work exclusively with Gardner & Co., but would likely have offered its inventory for sale to other punchboard manufacturers too, and perhaps even to the stores that bought the punchboards.

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WRITE FOR CIRCULAR

LEADING PUNCHBOARD MFR. OVER 40 YEARS

GARDNER & CO. 2222 S. MICHIGAN AVE.
CHICAGO, 16 ILL.

Figure 3. An ad from July 1949 for Gardner punchboards.

One of the items offered in G & F's prize catalog was probably the Searchlight radio. Another for sure was Majestic's contemporaneous Charlie McCarthy set, a model that, like the Searchlight, is highly prized by collector's today.

As a young boy Robert Feitler clearly recalls seeing the McCarthy sets in the G & F display room at the Gardner factory during his visits there. He also fondly remembers them on occasions being brought home!

The Charlie McCarthy radio was, of course, not exclusive to G & F, as it was available for sale to the public through stores and by mail order under various trade names. However, it is unknown whether G & F's Searchlight set was marketed only as a prize or whether it too was offered for sale to the public.

That G & F would have invested the time and money to develop a radio solely for use as a punchboard prize, without succumbing to the obvious commercial pressures to offer it retail, seems doubtful. Certainly punchboards were a highly successful means of advertising, having in one instance been credited with helping Zippo to sell 300,000 lighters during the 1930s and 1940s. On the other hand, I have never come across any vintage media advertising for the Searchlight radio to suggest that it was sold retail, nor have I found it listed in any of the trade magazines, though I'm still looking! So for the moment this issue remains unresolved.

That radios were a part of G & F's inventory is not surprising. Fortunes were being made in the flourishing wireless industry and this would not have escaped the attention of an entrepreneur like Feitler. Gardner & Co. and G & F were located right in the very hub of the radio industry at the height of its golden age.

Chicago was one of the era's key centers for radio manufacture, with some estimates placing as many as a third of all U.S. sets manufactured there.

Not only was it home to a number of the industry giants, such as Zenith, but also to a plethora of smaller independents, many of whom rose and fell in short order and about whom little is known today. Chicago was in fact very much the equivalent of the modern day Silicon Valley.

THE SEARCH FOR THE MANUFACTURER

The question to be addressed now was who manufactured the Searchlight radio for G & F? On this topic my pursuit of the Feitler trail ran cold, so I had to look for answers elsewhere.

My first stop was the website of Sonny Clutter www.radiolaguy.com, where an example of the Searchlight radio is featured. He claims that its chassis is the same as used in the Chicago, Ill., Hetro Electrical Industries' Models 10310-10610, Series B. Rider shows these models as sharing a 3-band, 7-tube schematic that does indeed exactly match the G & F radio's chassis, though the tuning range for each of the three bands is not listed.

In an effort to date the chassis, shown in Figure 5, I checked Radio Retailing's *Complete Line & Specifications* editions for 1936, 1937, and 1938 and found two Hetro models, the 10310 and 10510, listed in June 1937. They are described as "compact Bakelites" — the 10310 as a 2-band, 6-tube, and the 10510 as a 3-band (including long wave) 7-tube. Its tubes are the same as the 10310, but with the addition of an eye tube.

On the face of it, this data for the Model 10310 is inconsistent with Rider's data both for band and tube count. Furthermore, the 10510 data does not match the G & F radio, which has a police band but no long wave. However, these differences are reconcilable, if one presumes they shared Rider's schematic to correspond to a generic chassis, capable of being tailored by omitting the eye tube and by fitting alternate coils and bandswitches.

The story does not yet end, as I found a schematic identical to Hetro 10310 — 10610 listed in Rider

Figure 4. An ad for the Gardner Spin-a-Ball toy from 1958 at a Saturday Spin-a-Hoop Contest. Irwin Feitler was mentioned in various newspaper write-ups as being "one of the personalities" who attended the grand event.

under Pacific Radio Corporation (844 W. Adams St, Chicago), Models 3 & 11 (page 9-1). Therefore, (Continued on following page)

PUNCHBOARDS AND PUSHCARDS

Punchboards were an early gambling device comprised of a board into which many holes were drilled, each hole having sealed within it a small roll of paper bearing a printed number. Boards would typically be displayed in stores, where, for a small fee, patrons could punch out holes in the hope of revealing a number matching one of the lucky ones listed on the board, and thereby of winning one of the prizes.

Pushcards were slightly different in that there was usually a single lucky number concealed on the card and revealed only once all numbers had been pushed out. At this time the prize could be claimed by the holder of that number. In a sense, pushcards were forerunners of the modern day lotteries, though of course the winnings were rather more modest!

During the 1930s and 1940s, it has been estimated that many millions of boards were sold as part of what was for a time a very lucrative business. Stores were often criticized by their non-gambling patrons for having their counters littered with the boards! Travelling salesmen

employed by the board manufacturers would sell the punchboards and pushcards to the retail establishments; the newspapers of the era frequently carried small "punchboard salesmen wanted" ads, promising "instant riches" to successful applicants. It was also not uncommon for school children and scouts to take punchboards door-to-door as a means of fund-raising, though this practice was quickly outlawed in many states.

Prizes would run the whole gambit of cash and merchandise, including candy, cigarettes, pens, neckties, lighters and even small appliances, such as cameras and radios! Richard Arnold in his ARC article from July 2008 gives one example of a punchboard featuring a Sonora radio as the prize, shown on that issue's front cover. An example of a Gardner board is seen in Figure 3.

Like so much ephemera from the past, vintage punchboards and pushcards have today become highly collectible. Good examples frequently turn up on Ebay. I recommend taking a look to catch a glimpse of the wide variety available!

(G & F Searchlight radio, continued)

couldn't this company, located as it happened just a short distance from the known addresses of Gardner/G & F, be the true manufacturer?

One clue is that the serial numbers of all G & F Searchlight sets I've encountered begin with "25-," an alleged hallmark of radios manufactured by the Pacific Radio Corp. Sets bearing the "Pacific" brand name are few and far between today, partly because the company is known to have been mostly a manufacturer of sets that it supplied to third parties for sale under their own brand names. Examples include American World, Best, Buckingham, Crusader, and Knight, to name but a few. It seems that G & F, and for that matter, Hetro, should be added to this list too.

As I browse around the web and through guidebooks, more sets come to light that add further credence to a Pacific Radio Corp - G & F Searchlight connection. For example, on the website of Michael Feldt (www.indianaradios.com), is a radio that was sold under the American brand name. See Figure 6. Other than the location of the tuning control, its chassis appears identical to that of the Searchlight. Moreover, it's surely more than coincidence that the two sets sport identical dials, complete with markings, and other than color, identical knobs too.

Michael Feldt attributes the set to Hetro, probably on the basis of its chassis, which matches the Hetro 10310-10610 series mentioned previously. In truth, the American and Hetro sets likely originated at Pacific Radio. Other examples clearly from the same stable can be found, with a little effort, on the web, and yet more examples can be seen in the Stein collector books, under "Pacific."

The findings reported here all point to Pacific Radio Corporation as having been the manufacturer of the G & F Searchlight radio. There can be no certainty about this, since there was so much interchange of design data and components among the Chicago independents at the time. Nevertheless, I feel comfortable with the conclusions and now present what I believe to be the key historical and technical facts behind this radio.

Acknowledgment:

I would like to thank Irwin Feitler's son Robert for his recollections, especially those from his youth regarding Gardner & Co. and G & F Sales Co. The information he supplied was most helpful in piecing together the story behind this radio.

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- Clutter, Sonny. www.radiolaguy.com.
- Feldt, Michael. www.indianaradios.com.
- Grinder, Robert. *The Radio Collector's Directory & Price Guide*, Second Edition. Chandler, AZ: Sonoran Publishing, 1995.
- Rider, John F. *Perpetual Troubleshooter's Manual*, Vol. 9, Hetro pages 9-11 and Pacific pages 9-1. New York: John F. Rider, Publisher, 1938.

(Paul Turney, 11 Bradford Rd., Woburn, MA 01801)

Paul Turney has been collecting vintage radios on and off since he was a teenager. He has been a serious collector since 2001, focusing on sets from the 1930s and 1940s. You can see more of his collection at his website www.tuberadioland.com.

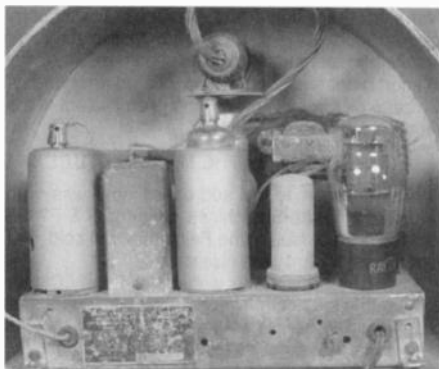


Figure 5. The chassis of the G & F Searchlight radio.



Figure 6. An American Radio with a chassis identical to the Searchlight, except for the location of the tuning control. Photo courtesy of Michael Feldt (www.indianaradios.com).

TECHNICAL DETAIL SUMMARY

G & F Novelty Searchlight radio, distributed by: G & F Sales Company, 2309 S. Archer Ave, Chicago., subsidiary to Gardner & Co, a manufacturer of punchboards and pushcards & later a national toy company.

- Design Patent for cabinet: #109,040 (Irwin Feitler, G & F proprietor), March 29, 1938.
- Model Year: 1937/38.
- Chassis (& cabinet?) Manufacturer: Pacific Radio Corp, 844 W. Adams St, Chicago.
- Chassis type: AC/DC superheterodyne (schematic: same as Pacific Radio Corp. Models 3 and 11, Rider, 9-1).
- Tubes, 7: 6A7 (mixer/LO), 6D6 (IF), 75 (2nd det/1st AF), 25L6 (AF), 25Z5 (rectifier), L49C (ballast tube), 6U5/6G5 (tuning eye).
- Bands, 3: standard broadcast (550-1600kc), police (1.8-5mc), short-wave (6-16mc).



A.R.C. — The First 25 Years

BY DOROTHY SCHECTER

Anniversaries deserve special notice. On our tenth anniversary in June 1994, A.R.C. founder Gary Schneider contributed an article entitled "A.R.C. — The Beginning." In it, he describes his pleasure in the growth of A.R.C. in those early 1980s days. In June 1999 and 2004, we celebrated the first 15 and 20 years in articles illustrated with a number of cover photos. And now the 25th — another milestone in A.R.C.'s history.

For those of you who have been around since A.R.C.'s early days, this article may seem a lot of rehash. But, every five years, we feel that it is appropriate to update our history, and so, here is, in brief, 25 years of A.R.C. (Editor)

A Silver Anniversary — 25 years of monthly publication — is something to shout about. Yes, like the rest of the publishing world, we have seen many changes, but, one thing remains constant — our goal to continue to produce the premier national publication for buyers and sellers of old radios and related equipment.

To achieve that goal over the years, we've met several challenges, not the least of which is the complex effects of the Internet on the publishing industry. In pre-Internet days, A.R.C. was *the* way to contact other collectors. Through clubs, meets, visits to antique shops, and word-of-mouth, potential collectors found us. They became subscribers eagerly because we brought them timely news about buying, selling, and trading, as well as informative articles, on a monthly basis. Today, the Internet can provide many of those features in many ways more instantaneous and at zero incremental cost to the user. But many suppliers of the information, the publications and individuals, receive zero incremental revenue for their efforts.

THE INTERNET CHALLENGE

As with even major publications, the Internet has made a difference to us in multiple ways. Since our peak of over 8,000 in the number of subscribers in the late 1990s, our hard copy readership is down to about 3,200. However, the ironic twist is that we average about 45,000 visitors a month on our website. These visitors access selected articles, both current and archival, radio events pages and club listings, and the recent three months of classified ads. Except for the classified

ads which are reserved for subscribers, access is free, in keeping with the tradition of the Internet.

We have a duo dilemma: Our success lies in the fact that more people are reading A.R.C. and benefiting from A.R.C. perhaps than ever before in 25 years; our challenge is to get all to pay for it in this global environment of free access to information.

In that regard, we are working to enhance our website with a secure shopping cart, more subscriber-only content, more articles, plus a historic auction database, which has been a long time in the works. Hopefully, the additional subscriber-only content will encourage more casual browsers to use the new capability of our site: that is, to "instantly" subscribe and to "instantly" receive a password for access to the subscriber-only content.

LOOKING BACK

We look forward to meeting the continuing challenge of the Internet, but an important anniversary always prompts reflection on the past. Twenty-five years is a long time, and A.R.C. has made a very long journey since June 1984 when Founder Gary Schneider sent a 16-page sample as a trial balloon to 1,000 prospective subscribers.

In September 1984, the premier issue went to 440 subscribers. By August 1986, shortly before John Terrey took over the then 28-page publication, the number had grown to 1,817. A check of the fifth anniversary issue statistics shows that 4,500 subscribers were then in the fold, and by 1999, we hit the over 8,000 mark.

What accounted for this growth?

Five factors come to mind: 1) Widespread advertising of A.R.C. in over a dozen antique and radio-related publications. 2) Free samples to interested collectors and even to some who own only one radio; as a result, the free sample often ended up in the hands of a serious collector. By the way, since 1986, we have sent out over 90,800 free samples. 3) A.R.C. booths at radio meets and Ham gatherings from coast-to-coast — from the big states like California and Texas to the smallest, Rhode Island. We have even set up at the meet in Birmingham, England. 4) A consistent, quality magazine. 5) Loyalty of our subscribers. In fact, of the 1,817 subscribers when John Terrey took over the magazine,

(Continued on following page)



Gary Schneider mailed 1,000, 16-page sample issues in June 1984. The cover says "Watch us grow," and that we have!



The May 1985 issue, with a 2-color cover, had grown to 24 pages. This cover was used on an early A.R.C. advertising brochure.

(A.R.C. —The First 25 Years, continued)

341 still subscribe today, 23 years later, an annual renewal rate of 93 percent! And, as our subscriber list, ads, and articles have indicated, A.R.C. is known and respected internationally.

THE HUMAN SIDE OF A.R.C. HISTORY

Growth and meeting the technical challenges of the modern world are not the only topics of a historical perspective. What also is interesting and meaningful is the human side of the story. Who and what twists of fate have made A.R.C. what it is today?

Gary Schneider's 1984 idea that there was a need for a way to connect "collectors of old radios and related items for purposes of buying and selling" points directly to today's Internet exchanges for the same purposes. By 1986, A.R.C. had grown so that Gary realized he could not give it the necessary time needed, and he began to return renewal subscription money.



The 28-page October 1986 issue was the first issue published by John Terrey. Subscribers numbered 1,800.



The first full-color cover of June 1987 showed the Marconi Multiple Tuner restored by Art Al-bion for the Kreuzer collection.

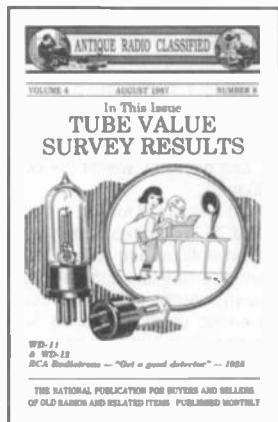
Luckily, that process was stopped by a chance meeting with John Terrey at the 1986 Radiofest in Elgin, Illinois. A deal was finalized late one evening at the bar. Encouraged by many people at the meet, John announced at the banquet that he had agreed to purchase A.R.C.

Now why would a seemingly sane electrical engineer, who had worked for over 20 years for an aerospace company, make such a choice? Well, first, the radiobug had bitten with a vengeance long before, in his teenage years. The disease has proved incurable.

In addition, John had been considering a more technical publication for radio collectors and even had drafts of articles ready. But, the lure of a publication already established with a potential for growth was too compelling.

EARLY PRODUCTION AND STAFF

The purchase was the easy part. Then came the



The August 1987 issue presented the results of the tube survey, one of several surveys conducted by A.R.C.



Television has not been neglected as indicated by this December 1988 cover showing a Philco Predicta TV.



Perhaps our most memorable cover is Bill Bell's "Ace Radio Repair," printed in full-color in June 1989.

nuts and bolts of producing a monthly magazine out of the editor's house in the woods of rural Carlisle, Massachusetts. The early staff was made up of townfolk who had "mother's hours." The first were Mary Anvedder and Betsy Dumka, both "stolen" from that well-known local newspaper, the *Carlisle Mosquito*. Others like Shirley Sauer and later, Jean Meldonian followed. Many of you will remember Chris Frederickson, our Radio Events Editor, who stayed for ten years before moving to California. Laura Katz, who has also moved on, took up Chris's tasks, among others.

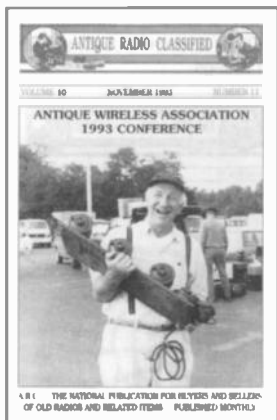
Within a few years of the beginning, full-time help was required. Scott Young was hired and stayed for ten years as Production Manager. Lisa Friedrichs signed on as Office Manager and stayed for seven years until motherhood took over. Dick Desjarlais and Ray Bintliff joined us as valued technical editors.

John's next-door neighbor, Bobby Lyman, with us

originally a molasses factory, afforded us plenty of space. We acquired office, shipping and storage space, and room for our computers, as well as for the old radio (or two or three) that inevitably kept popping up. This move seemed to be a giant step in professionalizing the magazine — we were no longer a "cottage industry."

OUR EARLY WRITERS

Still, we retained that most important dimension to the human side of producing this unique magazine — the contribution of many writers. Over the years, bylines of well known collectors have appeared on our pages — Frank Heathcote, Dave Crocker, Jim Kreuzer, Ralph Williams, Frank White, Jim Fred, Richard Foster, Ian Sanders, Howard Stone, Ray Bintliff, Dick Desjarlais, Alan Douglas, Paul Joseph Bourbin, Norman Braithwaite, Ray Chase, Richard Arnold and Daniel Schoo. Our apologies to others too numerous to list



Reports on radio meets and auctions have been staples in A.R.C. This 100-page issue went to over 8,000 subscribers.



Many issues have featured a story on a historic manufacturer or personality, such as Charles Herrold.



Seasonal covers have always been popular — Christmas, Valentine's Day, Halloween, and the baseball season.

almost from the beginning, 1988, is a reminder of the days when Hurricane Bob struck in August 1991. A.R.C.'s "office" in the woods was one of the last to have power restored, and we were forced to transfer the operation to Bobby's basement. Other storms and dilemmas have stranded us at home or work, but we haven't missed a date with the printer yet.

A vivid memory of that early time is "Aerobic Day" when the entire press-run of magazines, weighing about one-half ton, was picked up using our van, was unloaded and carried up a flight of stairs to John's kitchen. There the mailing process of sticking on labels and stamps took place. How different from today when our Mac-produced pages are sent over the Internet to our printer. The magazines are then labeled, from a mailing list likewise sent via the Internet, and mailed by a nearby mailing house.

THE MOVE TO THE MOLASSES FACTORY

Perhaps our first major milestone was the move out of the Terrey house. February 22, 1992, was the memorable day when we took over the first floor of one of the few commercial buildings in Carlisle. Though certainly not noted for its splendor or amenities, the building,

here. Each year, we're delighted to add more contributors to A.R.C., and our readers seem to take great pleasure in the diversity of their topics.

THE MORE RECENT PAST

In 2002, A.R.C., again saw changes in location and personnel. We moved from the old molasses factory back to our original location, albeit in the transformed garage of John Terrey's home.

It was our good fortune to have Pat Wedge join us in a four-year stint as our office manager, until 2006 when her family moved to North Carolina. Longtime layout artist Dave Crocker retired for about the third time, as the commute from Cape Cod became more of a hardship. But, he has stayed on board electronically writing articles.

Assistant Publisher and Advertising Manager Cindie Bryan, here for fifteen years, juggles her multiple A.R.C. jobs with being a mom to now seven-year old Rachel and four-year old Ashley. A.R.C. may be unlike most offices in its readiness to provide the magic markers or a computer for a movie when "the girls" visit, but we wouldn't have it any other way. We recommend to

(Continued on following page)

(A.R.C. — *The First 25 Years*, continued)

all offices the pleasure of having occasional resident children. Unfortunately, neither girl's first word was "radio," despite your editor's valiant efforts.

Others of the "Old Guard" remain at the helm — Bobby Lyman, as mentioned earlier, here for 21 years; longtime collector and technical editor Ray Bintliff, for 15; and yours truly as managing editor, for 19 years. Ray and I deal with the articles, doing our best to make them as accurate and readable as possible. We rely on you to contribute most of the basic material, while we also generate articles in house.

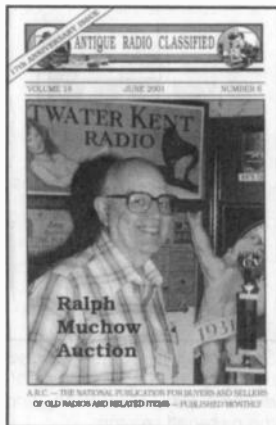
As for Editor John Terrey, most of you will recall his big news of 2002. First, came the unveiling in 2000 — off with the 18-year beard (see May 2001, page 19)! Then came a high school reunion in Texas, and Sarah Ford slipped into A.R.C.'s orbit. She and John were married in October 2002, and so brought together two families — five adult children, and to-date, five grandchildren, the oldest age eight.

And let's not forget the biggest change in locale for A.R.C. In the fall of 2007, the "barn," built by the Terreys

subject made it irresistible, but cost was always a factor. Now digital publishing allows our frequent color covers to be economically provided.

In these years, we also became very much a part of the story of the decade — the tragedy of 9/11. Having long before written about Radio Row, the site of the World Trade Center, we found ourselves a resource for other media in that time of crisis. We reported on the rescue communication work of the Ham operators, as well as the actual relief work as witnessed by our editor. Knowing the history of the area and its significance to radio collectors made the story even more poignant to us all.

Another area of remarkable development in reporting opportunity has been the auction scene. In the past, there were a few club auctions and a few commercial radio auctions. The trend now is almost monthly auctions of real significance, and we are fortunate to have a reporter like Ray Chase covering the prolific Estes auctions and others. If there is a radio auction, Ray tries to be there. Other auction houses, are also including radios in their listings.



The June 2001 issue featured a preview of the Ralph Muchow Auction, the first million-dollar old radio auction.



The lead article in the November 2001 issue was "Radio Row Then and Now," responding to the tragedy of 9/11.



Three articles in the December 2001 issue celebrated the 100th birthday of Marconi's first transatlantic transmission.

to house the radio museum, a library, a studio space for Sarah, and the A.R.C. office, was completed. We have come a long way from the Terrey kitchen in 1986.

In general, the A.R.C. staff continues to be a good mix of engineers, collectors, technology experts, business managers, and keepers of the King's English. We are a motley crew, joined in a common cause — doing work that we love to do, and that you readers love to receive, we're glad to hear.

PUBLISHING AND ARTICLE TRENDS

Another area of success for us has been in digital publishing. We have made a good transition into that whole process, and one result has been the ease of color reproduction.

Those of you with us since the beginning will remember the December 1986 cover — Santa's costume and the ink he writes with have a "splash" of red. But, the first full-color cover appeared in June 1987 portraying the Marconi multiple tuner. In subsequent years, we used color whenever the occasion or the

Our reports have become a prime resource for information about going values and the remarkable change in them in recent years. In the past, high-end items were usually exchanged privately, the prices never revealed. Now high-end items show up at auction regularly. Perhaps exposure to eBay has made auctioning more palatable to collectors once way of the process. Whatever the cause, the success of Estes Auctions is testimony to a trend that is here to stay.

THE INTERNET CHALLENGE

In our 15th anniversary article (June 1999) we talk about our entrance into the "Information Age" with the A.R.C. website established three years before. At the time, we envisioned an evolving "Grand Plan" to expand on the web. Little did we know how difficult it would be to implement such a plan. The fact is that we did not have the resources to design and implement the comprehensive site we envisioned.

Accepting this reality, we elected to maintain our basic, but adequate site, rather than to add bells and



On the October 2002 cover, the bells were ringing for the wedding of Editor John Terrey and Sarah Ford.

whistles. We have had a serviceable site that ably responded to that large number of visitors. However, as mentioned earlier, we are ready to move on to enhancing our site and adding to its content, especially for subscribers only.

What will not change is how much we value our old support base and how dedicated we are to performing comprehensive services for them. While the web is anonymous, A.R.C. is highly personal and continues to try to respond to individual questions and problems. We still track "bad eggs" and do our best to report on trends in the marketplace.

Though attendance at major meets has been moderating slightly in recent years, our reports reflect that there is still a strong interest out there in preservation and in the continuity of this avocation. And, new clubs and new museums keep cropping up.

A.R.C.'S REALITY CHECK

With last month's issue, May 2009, the reality of the current economic situation was reflected in A.R.C. through a half-size issue — no articles, but all the classifieds, other advertising and the coming radio events pages. With circulation decreasing, cost savings needed to be found somewhere, and spreading the same amount of information between smaller/simpler issues and larger ones does reduce costs. A.R.C. will be experimenting with this procedure as we all weather this trying economic time.

A.R.C. STILL THE LEADER

A.R.C. can still claim to lead in the U.S. circulation of antique radio magazines and still claim without exaggeration to be "the best." Renewals are not the problem. Attracting new paying subscribers is our



The classic KLH Model Eight graced the cover of the November 2002 issue showing that 1960s radios are "old" radios, too.



Auctions continue to be big news, and produce big prices as well. The Ed Sage auction, held by Estes Auctions, reported in the April 2006 issue, included Spartan Nocturnes selling for \$57,000 and \$62,500.



Richard Menta's article in the April 2005 issue on the first MP3 portables suggested that just being "obsolete" might be "old," too.



To be complete, and to keep us honest, we include the May 2009, "A.R.C. Reality Check" issue, the first of the smaller issues. Reflecting the economic reality, these are to be interspersed with larger issues with additional articles.

challenge, and since the range of radio collectibles is expanding, we will be able to meet that challenge.

As mentioned earlier, our web presence will be expanded with a secure shopping cart, "instant" subscriptions, and more subscriber-only content. So, check out www.antiqueradio.com yourself and please ask your fellow collectors to do so too.

A.R.C. is proud of its one quarter century of service to the radio-collecting community. We plan to continue to thrive and to champion the cause of preserving radio history.

(Dorothy Schecter, c/o A.R.C., P.O. Box 2, Carlisle, MA 01741)

WITH THE COLLECTORS

The NeoNEON Advertising Sign

BY RAY BINTLIFF, W1RY

In this article, Ray describes a different kind of neon sign that is radio-related. (Editor)

Most of the items that cross my workbench are radios and amplifiers (jukebox, guitar and hi-fi.) However, sometimes a strange vacuum tube device will appear. The NeoNEON sign is about as strange and different as it can get.

Neon signs have been in use for a long time, but the NeoNEON signs are very different from the neon signs we are accustomed to seeing. As the name implies, NeoNEON is something new and different. First of all it is wireless. Secondly, it uses movable characters, both letters and numbers, which Gutenberg could never have imagined. Since it is a wireless device and uses vacuum tubes, it seems to be an appropriate subject for coverage in A.R.C.

THE NeoNEON

Figure 1 shows the front panel of a NeoNEON sign. The panel measures 12-inches high by 30 inches in length and is constructed of black Plexiglas. Its nameplate is shown in Figure 2. Three shelves are provided to hold the characters to be displayed. Each shelf can hold about twelve letters or numbers. The characters are two inches in height, and like the conventional neon signs, they are made of gas-filled glass tubing. A closeup of some typical numbers are shown in Figure 3. Unlike the conventional neon signs, there are no wired connections to the gas-filled characters.

A rear view of the sign with its chassis cover in place is shown in Figure 4. A separate nameplate is mounted on the transmitter chassis, as shown in Figure 5. Figure 6 shows the transmitter with its cover removed making the two Type 50L6G



Figure 1. This view of the NeoNEON shows its black Plexiglas front panel and the three shelves with some numbers on the center shelf. Note the nameplate at the bottom of the panel.

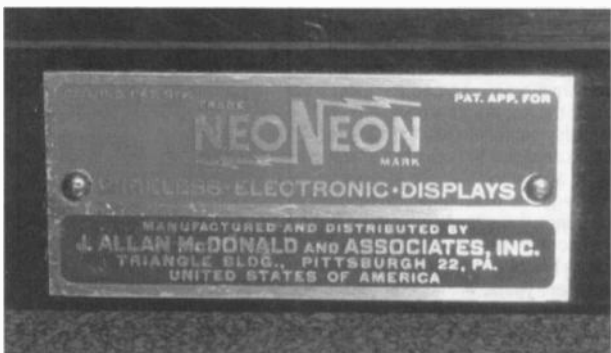


Figure 2. A closeup of the front panel nameplate indicates that the NeoNEON was manufactured by J. Allan McDonald and Associates in Pittsburgh.



Figure 3. A closeup of some typical numbers.

tubes and the oscillator coil visible.

OPERATION

In days of old, Hams used neon lamps to test and tune transmitters. Placing the lamp in the RF field near the tank coil would cause it to glow without a wired connection. This principle is used in the NeoNEON. In this case, two Type 50L6GT tubes are used in a transmitter operating at 40 kHz.

The output of the transmitter is connected to the sign's front panel. Because the front panel consists of two pieces of Plexiglas cemented together in sandwich fashion, there is no way of knowing what is in the middle of the sandwich. My guess is that there are two metal foil strips that act as a tank capacitor and set up the RF field that excites the gas in the letters and numbers and causes them to glow. The transmitter operates on 120vac but does not use a power transformer. Selenium rectifiers were originally used in the power supply section, but have been replaced with two silicon diodes.

TRADEOFFS

On the negative side, the sign is a unintended RFI generator that produces harmonics across the broadcast band that can overload any nearby AM radio and render it useless. It is a wonder that the FCC allowed the signs to be produced and sold.

However, the wireless feature has its positive side. While conventional neon signs were limited to a single purpose, the letter and numbers on a NeoNEON sign could be easily arranged to display any desired message. In short, the NeoNEON was a great marketing idea with technical shortcomings.

(Ray Bintliff, 2 Powder Horn Ln., Acton, MA 01720)

Ray Bintliff, a frequent A.R.C. contributor and a member of its staff, holds an Amateur Extra Class license. A retired engineer, he enjoys repairing and restoring pre-1945 radios and test equipment. In addition to Amateur Radio, his interests include electronic equipment and audio reproduction.

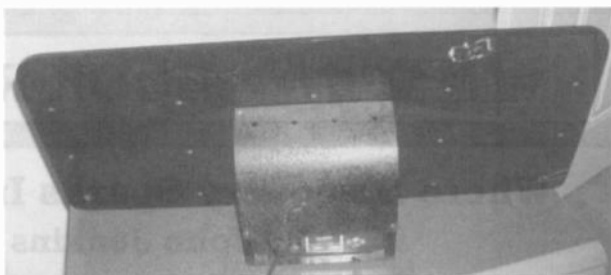


Figure 4. This view of the NeoNEON shows the rear of the panel and the transmitter with its cover in place.



Figure 5. The transmitter has its own nameplate located between the fuse and On/Off toggle switch.



Figure 6. Shown are the two Type 50L6GT tubes and the 40 kHz oscillator coil.



BOOK REVIEW

Where Discovery Sparks Imagination

By John Jenkins

REVIEWED BY HOWARD STONE

Karen, my wife, isn't in love with old radios the way I am. Being an artist she appreciates a few Art Deco radios, a blue mirror Sparton or two, and a couple of Catalins. The sea of black knobs on hard rubber and Bakelite panel fronted radios just isn't very interesting to her. So when I talked her into taking a drive north from her brother's house in Chehalis to Bellingham, Washington, and visiting the American Museum of Radio and Electricity, I was really surprised at her response. She was excited and animated, going from one display to another. She was especially interested in the early discoveries about electricity. Karen was picking up some of the wonder that must have existed during the development of early electrical and radio technology. She was developing a greater appreciation for these early instruments. This had never happened before — or since.

John Jenkins, author of *Loud Talker, The Early History of Loudspeakers*, has now published another book, *Where Discovery Sparks Imagination*. In it, he tries to recapture the wonder, excitement, and mystery of these early instruments — what captured Karen's fascination. Written for the general audience and not a comprehensive collector reference, it nevertheless is a book that we as collectors and radio historians will really appreciate. *Where Discovery Sparks Imagination* contains more than 600 photographs of radios and electrical apparatus starting with the 1600s, the beginning of the electrical age, through the golden age of radio to 1950.

I believe the most fascinating part of the book for radio collectors is the sections on electrical apparatus other than radio. Like me, you may find especially interesting the electrical apparatus such as: static electrical machines, volta canisters, early electrical motors, early telegraph and telephones, light bulbs, galvanometers, and induction coils. It

gives people interested in early radio a peek into the environment out of which wireless developed.

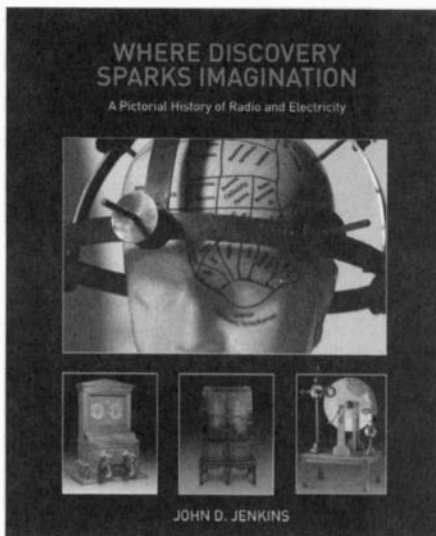
The book next covers the wireless age, 1880-1919. Illustrated are some early Hertzian wave apparatus. These instruments give the reader a sense of how wireless came about. The American Museum of Radio and Electricity has a very

good collection of Marconi Wireless equipment and some of its pieces are illustrated here. Also of interest is World War I radio equipment. When radio enters the home, 1920-1927 is the next section in the book. The book pictures some of the usual suspects, radios that most of us are familiar with, but Jenkins has photographed some radios I did not know existed. Also pictured is a good selection of Atwater Kent breadboards. This section of the book ends with pictures of a number of crystal sets and loudspeakers.

Where Discovery Sparks Imagination next covers the golden age of radio to 1950. Here a

number of classic radios of the 1930s and 1940s are pictured. Also a number of handsome console radios are shown. The final chapter includes a few selected pictures of the Jones collection of vacuum tubes. The museum holds over 20,000 tubes from a wide variety of manufacturers and countries of origin, and the reader will find a few of the more interesting ones are featured in the book.

What is right and wrong with the book? I think John Jenkins accomplishes what he set out to do — to capture some of the mystery and wonder of early electrical and apparatus. The book in many ways is a gallery guide of The American Museum of Radio and Electricity. It certainly is not an exhaustive guide but merely touches the surface of many topics. I found myself wanting more, even though Jenkins clearly stated that he wouldn't cover topics in the depth that many collectors might want.



I think the book is especially good at depicting the context of the development of radio. You can see many of the instruments that preceded wireless and occurred concurrently with radio: a Volta pistol, scintillating tubes, electroscopes, an electric pen, a long-waisted Mary-Ann, a Nemst lamp, a Rhumkorff coil, a bi-polar electric belt, a needle telegraph, a Hush-A-Phone, a Fleming valve, a RCA Theremin, and many others. The quality of the pictures is excellent. We have come a long way from the fuzzy photographs I first poured over when I began to be interested in early radio technology. It is books like *Where Discovery Sparks Imagination*, RCA by John Jennings and the four volumes on British crystal sets by Ian Sanders have advanced the study of early technology to a new level that I hope we can expect from future books on radio. I think readers will appreciate *Where Discovery Sparks Imagination*. I look for-

ward to more books from John Jenkins.

"Where Discovery Sparks Imagination" is an 8" x 10" hardcover book containing 218 pages and over 200 photos. Priced at \$34.95, it is available from the American Museum of Radio and Electricity, 1312 Bay Street, Bellingham, WA 98225; A.R.C.; and other book sellers. Packing and shipping costs are available from sellers.

(Howard Stone, 2825 6th Ave. Apt. A, Fort Worth, TX 76110)

Howard Stone is Emeritus Professor at Texas Christian University. He has been collecting radios and tubes for over 30 years, and special interest is pre-1920 radios and tubes. He has a virtual museum on his website stonevintageradio.com. He can be contacted at stonevintageradio@gmail.com.

About Where Discovery Sparks Imagination A Pictorial History of Radio and Electricity

BY JOHN JENKINS

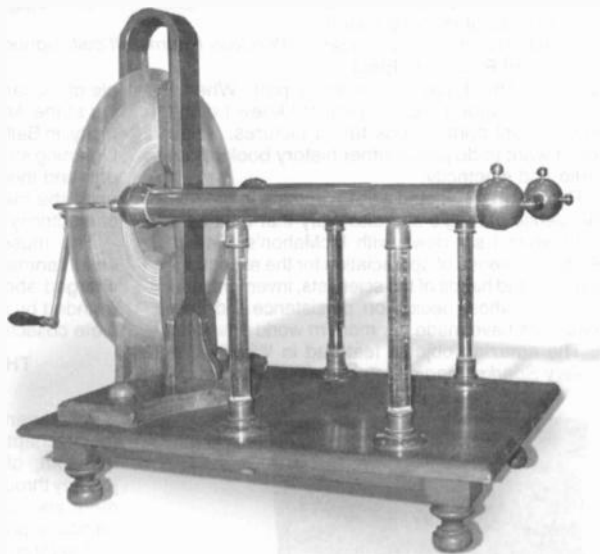
The March 2003 issue of A.R.C. featured the American Museum of Radio in Bellingham, Washington. Though then already open to the public, the museum's 23,000 sq. ft. facility was still under development. Today, six years later, under the leadership of Museum President John Jenkins and Curator Jonathan Winter, the museum is thriving.

We are delighted to present John Jenkins's account of how he evolved from a collector to overseeing a major museum collection. John's next step in this saga has been to share the museum collection through his new book, *"Where Discovery Sparks Imagination — A Pictorial History of Radio and Electricity."*

Through John's book, you can experience the wonders of the museum over and over at your leisure. Howard Stone's separate review fills out our coverage of this excellent book for collectors and historians alike. We have included a few photos from the book here. (Editor)

At the age of thirteen, I discovered an old radio in my grandparents' basement. With their permission, I took the set home and got it working. From that moment, I was hooked on antique radios and other interesting objects related to the history of electricity.

Somehow I managed to discover the book *Vintage Radio* by Morgan McMahon, the only book on old radios at the time. I would spend hours pouring through its pages, dreaming that someday I might own some of these amazing devices,



A Ramsden friction machine, ca. 19th century, one of two on display at the museum.

the technological breakthroughs of their time.

During the next 40 years, I brought together thousands of artifacts and books beginning in the 16th century with the earliest investigations into electricity and following a thread of discovery, including the electrochemical battery, electromagnetism, the telegraph and telephone, electric light, and wireless telephony, more commonly known as radio.

(Continued on following page)

(About Where Discovery... continued)

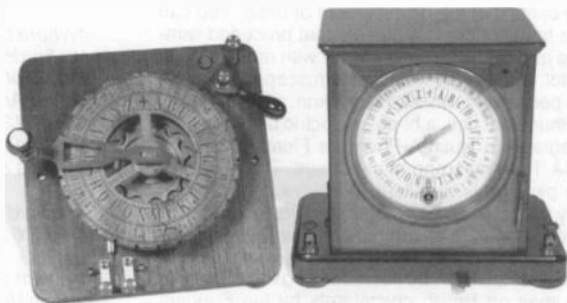
In the 1990s, I created a website as a way to share my collection with others. Like most collectors, I dreamed of having a museum, and this virtual museum seemed like a good alternative. Over the years, the site has grown substantially, and today it is probably the largest collection of electrical and radio apparatus on the Internet.

There was one problem, however — it wasn't especially portable. I found that despite the advantages of a website, I still needed a hard copy that I could carry around and show to people. So I sat down with Microsoft Publisher, and, over a period of weeks, created my *Sparkmuseum Book*, essentially a book version of my website. It was great to have, and I referred to it constantly. I also noticed something else — everyone who saw it wanted a copy.

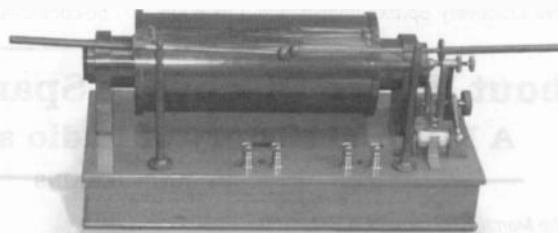
Which brings me to today — to this book, which is an effort to give a sense of the vast historical contents of the American Museum of Radio and Electricity, of which I have long been a part. When I decided to undertake this project I knew I didn't want to just print a book full of pictures. I also didn't want to do just another history book about radio and electricity.

Really, what I wanted was to recreate for people that sense of magic and discovery that I felt as a child when I sat down with McMahon's *Vintage Radio* — a sense of appreciation for the exceptional minds and hands of the scientists, inventors, and craftsmen whose dedication, persistence and plain hard work have made our modern world possible.

The amazing objects featured in *Where Discovery Sparks Imagination* are only a small sam-



Breguet alphabet dial telegraph sender and receiver. ca. 1860s.



Wireless Rhumkorff coil, signed "H.W. Sullivan, London." ca. 1900.

ple of the larger, more complete collection residing at the American Museum of Radio and Electricity, in Bellingham, Washington (www.amre.us) Lightning strikes several times a day at the museum, and thousands of visitors of all ages experience the marvelous history, science and power of electricity.

The museum is a center for education and enlightenment — a place where students can get charged about science and discovery while surrounded by one of the most significant and complete collections of its kind in the world.

THE HEART OF THE BOOK THE GALLERIES

The heart of the book is organized into six major chapters that mirror the galleries of the museum, offering an exciting and educational journey through four centuries of scientific achievement and discovery. Each gallery focuses on a particular phase of scientific investigation:

The Dawn of the Electrical Age (1600 – 1800)

What is electricity?

Electricity Sparks Invention (1800 – 1879)

What can we do with electricity?

The Wireless Age (1880 – 1920)

Development of wireless telegraph and telephone.

Radio Enters the Home (1920 – 1927)

The beginnings of broadcast radio.

The Golden Age of Radio (1928 – 1950)

Radio becomes home entertainment.

The Jones Gallery (1903 – 1980)

The evolution of vacuum tube technology.'

In my description of each gallery, I have included as many related photos as possible.



A ca. 1907 apparatus for receiving space signals, signed Stone Tel. and Tel. Co., Boston, Mass. The only known example of this item.

Following a continuous thread of invention and discovery, the museum collection contains a wealth of unique and rare artifacts dating from the earliest days of scientific electrical experiments in the 1600s through the 1940s and the Golden Age of Radio. Artifacts from the laboratories of the early pioneers of electricity, from magnets and Leyden jars to Edison light bulbs, magnificent vacuum tubes and telephones, all are well represented, and many are pictured in the book.

At the museum, visitors enter a world that existed before the transistor. The book discusses and illustrates some of the contents of Galleries One, Two and Three, from a mid-19th century electrostatic planetarium to the wireless age of the 20th century and the apparatus of Hertz, Marconi, and others like Fessenden and DeForest.

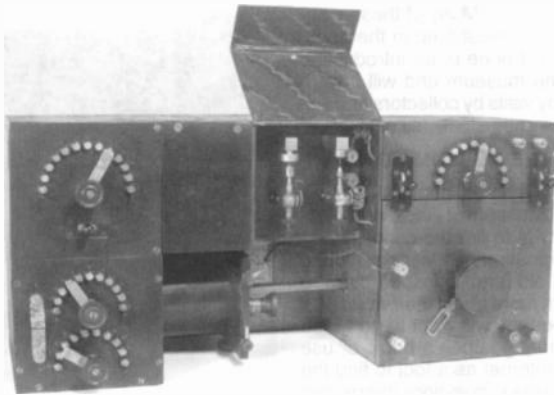
Over 1,000 radios are on display in the museum, ranging from the early "Hertzian-wave" devices, to a complete set of early Atwater Kent breadboards, all of which, incidentally, make a nice 2-page spread in the book. Exceptional and beautifully crafted floor and tabletop radios afforded many more opportunities for good photos.

Visitors can experience what it was like to tune-in a station on a radio built in the 1920s and hear the programs as they were heard then. This book pictures the advances of radio broadcasting as it entered the home in the 1920s (Gallery Four) and flowered fully in the "Golden Age of Radio" (Gallery Five) with the replacement of vacuum tubes by the transistor in the 1950s and the development of FM by the 1960s.

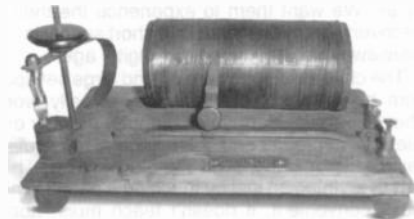
It was difficult to choose from among the thousands of perfectly preserved vacuum tubes in Gallery Six to include in the book. Al Jones's generous donation of his collection to the museum in 2003 makes for an extraordinary historical record of the technology that facilitated great advances in wireless communications.

The collection also includes rare music boxes, early phonographs, and many examples of radio broadcasting technology and memorabilia from the best-known radio companies and broadcasters.

Among the other rare pieces is the largest collection of 19th century electromagnetic apparatus found in any private collection. There are also rare and original books, treatises and scientific papers by such authors as Gilbert, Newton, Galileo, Franklin, Volta, Hertz, and Marconi. These texts illustrate the crucial steps and turning points



A rare receiver Type IP-76, by the Wireless Specialty Apparatus Co. ca. 1920.

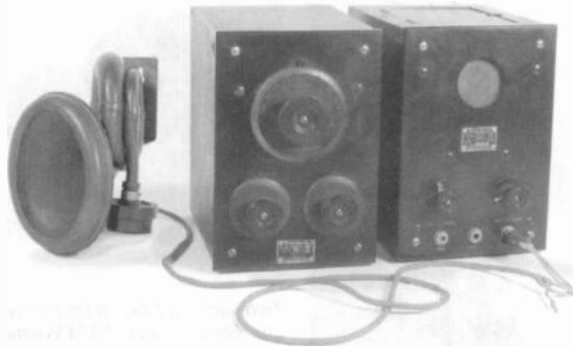


A Hunt & McCree receiver using an electrolytic detector. ca. 1912.

in the development of electricity and radio.

In short, the museum offers visitors a first-hand introduction to the wonderful world of electricity and radio, providing every opportunity to discover, test, and be amazed. In addition to the six galleries, there are other popular interactive displays, including various Tesla coils, which create dazzling bursts of lightning on command, and the Theremin, the first electronic musical

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The first radio designed for home entertainment, the 1920 Westinghouse RA Tuner and the DA detector/amplifier along with a Type LV "Vocrola" horn speaker.

(About Where Discovery.... continued)
instrument. Many of these wonders are illustrated in the book, which I hope is an introduction to the museum and will inspire many visits by collectors and science enthusiasts alike.

THE MUSEUM GOALS

The primary goal of the American Museum of Radio and Electricity is to fire the curiosity and imaginations of visitors, young and old, and to inspire them to learn more about their world. We hope they will want to go to the library and open a book, or use the Internet as a tool to find the answers to questions they hadn't thought of before. We want them to see how things work and begin to understand the process and the underlying scientific principles. We want them to experience the thrill of discovery, something that is in short supply in our throwaway society during this digital age.

The children of today are by and large set apart from how the objects they use actually work. They see reality through a computer monitor or a television screen, and their fingers manipulate keyboards or buttons on remote controls. They turn everything on just by touching a panel. While that's convenient, it doesn't teach much about how and why things do what they do.

A youngster can disassemble a cell phone without learning anything about what makes a telephone work. The child taking apart a digital watch is unlikely to learn about time, or ratios or bearings or metal, much less the mechanical power of the spring. We've lost our connection to moving parts, and we tend to forget how important they are.

In the museum you can see, touch and operate items that used to be very common—phono-

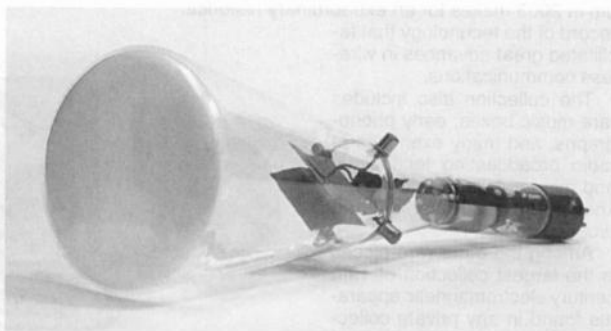
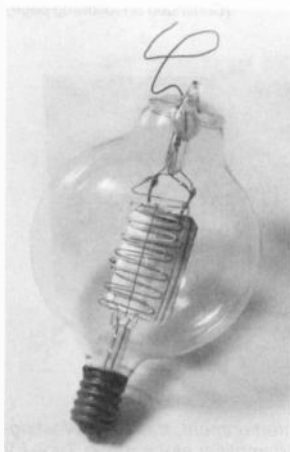


A 1941 Zenith table radio, Model 7-S-529. This 7-tube radio had seven tubes and covered the standard broadcast, shortwave, police and amateur bands.

graphs, radios, wire recorders, movie cameras and projectors, as well as early telephones, electric motors, generators, and static electricity devices. You will have the opportunity to explore the analog age from beginning to end. And everyone who visits the museum, young and old, will leave with a new understanding and a greater sense of wonder about the science — and yes, the moving parts—of our world today. Perhaps this book can be your guide as you walk through the museum.

(John Jenkins, 15736 NE 143rd Pl., Woodinville, WA 98072)

John Jenkins, Board President of the American Museum of Radio and Electricity, has worked for Hewlett Packard and Microsoft from which he retired in 2001. He is a long-time collector of early radio and scientific apparatus. Among the most exciting items in his collection are original books and manuscripts that chronicle crucial milestones in radio and electricity development.



Two vacuum tubes from the over 20,000 vacuum tubes in the museum. Above is a ca. 1924 Western Electric cathode ray tube. Note the electrostatic deflection plates on this early tube. To the left is a DeForest spherical audion, this ca. 1914 tube is an example of the "long plate" type.

RESTORATION TOPICS

Rebuilding A Scott Allwave 23

BY FRANK DROST

When a collector rises to the challenge of a difficult restoration, the rest of us like to hear about it and have an opportunity to admire, maybe even emulate, the work. Frank Drost gives us that opportunity in the following article. (Editor)

Several years ago, as a new collector, I passed on buying a Scott Allwave 23 in a nice Tasman cabinet just because I thought that a Scott would be too much of a challenge for me to rebuild. I went on to buy and restore many complicated radios, such as my Philco 680 and 690 sets, and had no apprehension about rebuilding them.

Then one Saturday morning, I stopped into Great Northern Antique Radios in Minneapolis, and found a very nice Scott Waverly Grande that had the Allwave 23 chassis in it. The chrome was as nice as one could ever hope to find. I was so impressed with the quality of the cabinet and chassis condition that I just knew that this was too good a set to pass by. A deal was struck, and it was to become the first of several Scotts in my collection. See Figure 1.

MY FIRST SCOTT REBUILD

Having made the purchase, I planned to go forth and perform an electronic restoration on each chassis. I proceeded to collect all of the service data that I could find, and finally built up the courage to remove the four nuts and bolts which held the bottom cover on to the upper chassis, and begin the restoration process.

It was a totally different world in there from what I was used to working on. After gaining a familiarity with and an understanding of how the set was made, I felt the initial fear transform itself into a new-found appreciation of how well Scott had made the Allwave 23, and just how serviceable it really was. I spent the next several weekends rebuilding both the tuner and amplifier chassis, and finally got to the point where I could apply power and see what my work would yield.

Using my Variac, I slowly applied power to my newly restored Allwave 23 chassis and heard a station coming in. I then brought the voltage all the way up and began to check things out. All I can say is that I was amazed at how well that set performed. Extremely sensitive on all bands, and what audio output — those sets are loud! My first Scott rebuild was a complete success. A great experience and confidence builder!

A SECOND REBUILD — DOCUMENTED

I recently decided it was time to rebuild another Scott Allwave 23 chassis that I have had on a display shelf for quite some time. I thought that it might be a good idea to try to document the major phases of



Figure 1. Frank Drost's first rebuild, shown completed here, was this Scott Waverly Grande with an Allwave 23 chassis.

chassis restoration, and hopefully, inspire someone who is a little hesitant about rebuilding his own set. Figure 2 shows the various units of the Allwave 23 set.

Before I get into the rebuilding process, I would like to dispel the myth that owning a Scott radio has to be an expensive proposition. What I have found is that a large part of the value placed on a Scott chassis has to do with the condition of the chrome. If the chrome is in very good condition, then a premium is placed upon the value of the chassis. Many times, you can find an Allwave 23 that has very bad chrome. In this case, the value will be reduced significantly, and that opens up the opportunity for someone with a limited budget to become a Scott owner.

It should be fairly easy to find a "chrome challenged" Allwave 23 upper and lower chassis and speaker for under \$1,000. How much under that figure would depend upon just how bad the chrome might be. A rusty set of chassis will sell well under that price. The important thing is to inspect the

(Continued on following page)

(Scott Allwave 23, continued)

undersides of the chassis you are buying, and make sure they are clean and complete. And remember, the condition of the chrome will not affect the way the set will perform. You can enjoy Scott performance for less, if you are willing to accept flaws in appearance.

BEGINNING THE REBUILD

The first thing you should do is get a copy of the service information found in Rider's Volume 14. You will find the schematic diagram, parts location and description, and other information that will answer questions that will come up during the rebuilding process. Have a notebook ready, and make thorough notes of each stage of disassembly. You will need to refer to it later on when it's time to put things back together.

Now let's start with the upper chassis. I would suggest taking a quick look at the service info to get somewhat familiarized with how the set is constructed. Start the project by removing all of the tube shields and tubes. Next remove the remaining seven circular chrome cans by slightly rocking and pulling them up from the chassis. The back four cans will have a grid cap lead coming from them. Cut the lead off and then remove the can. Replace the leads with new wire, as the old wire will probably have failing insulation on it.

Alternatively, you may decide to leave the four IF cans on the chassis until it is time to replace parts in each assembly in order to protect the delicate IF transformers. You can decide which way you prefer to proceed. Then set the removed parts aside for cleaning. Figure 3 shows the upper chassis with the tubes and chrome cans removed.

Remove the bottom cover. You will see a second metal cover that protects a disk with coils mounted to it. This disk contains the RF and oscillator coils for each band, and rotates into proper position as the band switch is turned. Remove this metal cover by unscrewing the flat head screws on the front and rear of the chassis that hold it on. The exposed disk-mounted coils are shown in Figure 4. Once this is removed, proceed to remove the circular disk with coils by removing the center nuts. There will be two of them, one on top of the other. Figure 5 shows a view of the chassis with the coil assembly removed.

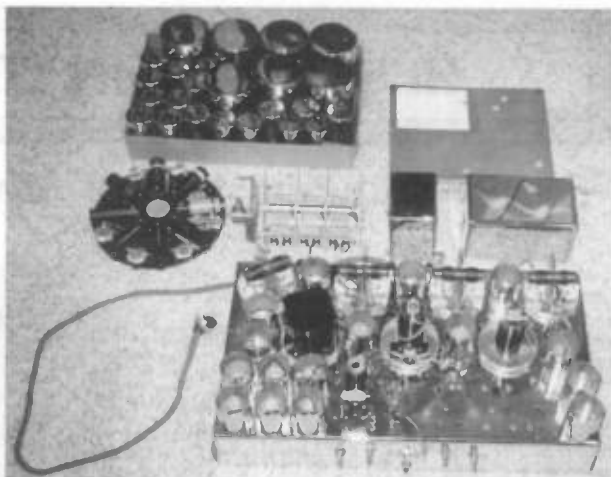


Figure 2. The various component parts of the Allwave 23 set.



Figure 3. A top view of the upper chassis with tube and coil shields removed..

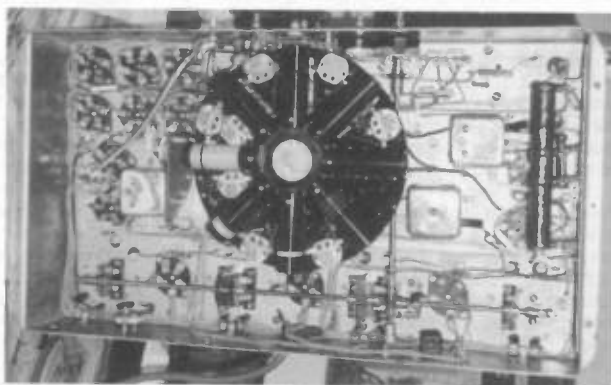


Figure 4. A bottom view of the upper chassis showing the rotating coil disk.

Don't worry about locking the band selector assembly in place, because disk replacement is very simple. The service data explains how to orient the

(Continued on following page)

disk to proper positioning, and it is a simple matter of just replacing the two nuts which hold the disk in place. Once you remove the disk, you will notice two button-shaped metal objects that have some spring action. They serve the purpose of locking the disk into position. You can remove them one at a time for cleaning and lubrication. Once you've done that, place tape over each one so that they do not fall out and get lost as you move the chassis around.

After you have removed the disk coil assembly, you can now access and remove the screws that hold the two chrome boxes found on the top front of the chassis. The large box covers the tuning capacitor, and the smaller one covers a coil assembly. Look for large flat blade screws located under each box.

In the case of the tuning capacitor cover, you will probably end up removing some of the screws which hold the tuning capacitor to the chassis, as well as those which hold the cover. This is because they are right next to each other and a little hard to tell which hold down what. That's okay, because I always remove the tuning capacitor anyway, as it makes cleaning the chassis a lot easier.

Make sure the tuning capacitor is fully closed for clearance when removing the cover. Make some notes on where the tuning capacitor wires connect, and then cut them to free the part. The coil cover will have a 2-lug terminal strip mounted to it. The tuning meter connects here, and it is held on by one screw. Remove this strip to free the coil cover. You can also remove the tuning meter from the chassis by removing the one screw holding it to the chassis.

At this point, you now have the chassis stripped for cleaning, and best accessibility for parts replacement. Now is the time to wash and polish all of the tube shields, cans, and chrome boxes, as well as clean and polish the upper side of the chassis. Be careful not to damage any of the exposed coils, especially the four IF coils at the rear of the chassis.

Now would be a good time to check for open coils and bad audio transformer windings. Refer to the service info to identify each coil and winding connections for testing. The IF coils usually show around 11 ohms on each side. Be sure to check the audio transformer, which is the large square black box found on top of the chassis. It has five leads that protrude through the chassis. They are color coded, and there is normally enough color left for identifying the windings to be paired during your check. This part is somewhat prone to failure, and it is wise to know ahead of time whether you need to locate a replacement or not.

One thing should be obvious by now. There is a lot of room to work in under the chassis. If you are rebuilding a set that has never been worked on before, replacing the wax capacitors will go quickly. They are clearly marked, and easy to get at. I have found that most of the resistors will be in spec, and the cloth wiring seems to hold up better than other brands from the same era.

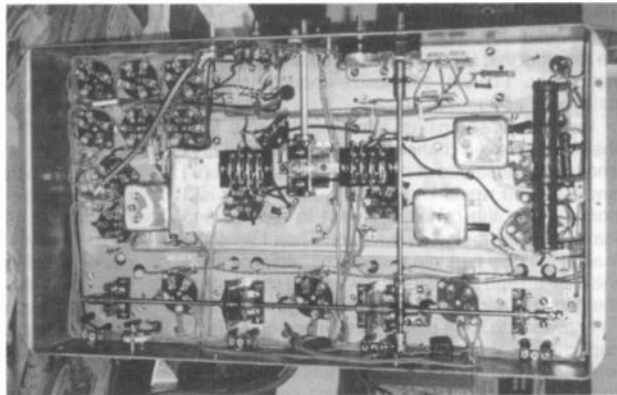


Figure 5. A bottom view of the upper chassis with the rotating coil disk removed.

Much of the rebuild will be just like any other set you have worked on. So rather than describe every step of the rebuilding process, I will focus on what is different about the Scott.

RUBBER WIRE REPLACEMENT.

Generally speaking, the cloth-covered wire found in the Allwave 23 should be in excellent condition and not need replacement. Scott did use a limited amount of rubber-insulated wire in the signal path, which sometimes is found to be in a hard, brittle state. The insulation flakes off causing shorts to chassis. Sometimes these shorts are hard to spot, and makes troubleshooting difficult.

The best thing to do is to inspect all of the rubber wire runs for insulation failures, and replace those that are bad. Make sure that the replaced wires run exactly the way the old ones did. It makes a lot of sense to replace the grid cap connecting wires that exit the IF cans with new black insulated wire. You can do this just before replacing the chrome cans which cover each IF transformer assembly.

Finally, pay close attention to the rubber wires that run on top of the chassis. Many run through pilot holes, and some have the chrome cover cans in contact with them. This is where shorts can occur if the insulation fails. Take the necessary action to ensure that no shorting can occur.

REBUILDING THE CHOKE ASSEMBLIES.

There are three square cans mounted underneath the chassis that contain the IF diode choke assembly, RF diode choke assembly, and RF choke assembly. Each assembly is identified in the service info along with an internal component description. In order to service these assemblies, they must be removed from the chassis.

Before removal, it will help to make a drawing of where the wires go so as to avoid any confusion upon reinstallation. After you have completed your drawing, you can then carefully unsolder each lead and remove the fasteners that hold the assembly to the chassis. Just do one assembly at a time to keep things under control.

Each assembly will contain a coil and various resistors and capacitors. Each one has a wax ca-

(Continued on following page)

(Scott Allwave 23, continued)

pacitor that should be replaced, and there will also be resistors that should be inspected and replaced if necessary. I cannot emphasize enough how delicate these assemblies are.

I would advise against removing the coils from the can. There is a chance that you might flex things enough to cause one of the fine coil wires to break, and then you would know what trouble really is! I normally clip the part that I want to replace and leave the lead to use as a mount. Then I wind the lead of the new part into a small coil and slip it over the old lead and solder it. That way, you can replace the part with minimal chance of damage to the coil.

I have yet to have problems with any of the mica capacitors that are part of the assembly, and just leave them as they are. Replacement would require total disassembly to get at the mica capacitor and it's not worth taking the chance.

Slip any insulating covers back onto the replaced parts and install the assembly using the notes you made earlier. This is definitely one of the most tedious parts of rebuilding the Scott Allwave 23, and I suggest that you allow as much time for this as you need.

IF SECTION PARTS REPLACEMENT

The Allwave 23 has four IF stages that are physically located along the back of the chassis. The Scott IF transformers are much larger than what you usually see in a radio of that era, and use large air trimmer capacitors instead of the common ceramic/mica type. Each IF transformer and its associated parts are housed inside of a chrome can. A grid lead wire exits the upper side of each can.

There are two capacitors to replace in each assembly and two resistors to check for proper value. The first IF stage also has a 2-meg resistor and a mica capacitor. The important thing to remember when working on each IF assembly is to be very careful of the exposed windings on each IF transformer. Although they are constructed very well, movement of the chassis while the coils are exposed, or a misdirected soldering iron can damage a coil. Replacements would have to come from another Allwave 23 chassis, so that would make it a difficult and expensive proposition.

My procedure is to do one IF section at a time. Make notes regarding parts and wiring connections, and then carefully replace each capacitor and any bad resistors. Each capacitor fits through a hole in the chassis.

I have found that it makes sense to cut the ground lead from each capacitor as close to the old part as possible. Then fit the new capacitor through the hole to where it is about half way through. Then make a connection from the existing cut ground wire to the new part. This keeps the unusually long ground run as it was originally done. You will probably have to extend the leads from the new parts to their connecting point. Try to position the run like the original. You can use some insulation slipped over the extended lead to protect against a potential short.

There are some rubber wires that connect from the air trimmer capacitors to the underside of the chassis. You will notice that some of these wires terminate in what makes up part of the variable selectivity sections.

There are four square-shaped cans under the chassis that run in a straight line with a shaft going through them. Remove each can to access what resembles a truncated variable tuning capacitor. Looking closely, you can see points where the wires from above the chassis will connect. If these wires in your set are in good condition, it would be best to just leave them as they are. But if the insulation is crumbling, then replacement will be necessary.

Carefully heat the termination point at the variable selectivity section with your soldering iron while pulling slightly on the wire from the top of the chassis. The wire will come out. I usually heat that connecting spot again, and clean out any remaining solder until the hole for the wire is fully open. This makes installation of the new wire possible. Cut your new wires exactly the same length, and then install and solder.

The covers can be reinstalled once the wires have been checked or replaced. If you decide to align the set after you have completed the rebuilding process, then each cover will have to be removed in order to access each air trimmer adjuster. My suggestion is to replace the covers and see how the set performs before assuming that an alignment is necessary.

Finally, install a new grid wire making it long enough to exit through the hole in the chrome can. Position the chrome can to the chassis, and then trim the wire to a correct length and solder the grid cap to it.

REASSEMBLY

Once you have performed the above procedures, replaced all of the remaining wax capacitors and any other parts that were found to be bad, the chassis is ready for reassembly.

Start by replacing the tuning capacitor and both chrome boxes that are located on the top front of the chassis. Installation of the tuning capacitor is fairly straightforward. It might be easier to connect new wires to the part before installing it to the chassis. Feed the new wires through any chassis holes, and attach the tuning condenser to the chassis. Then connect the new wires to their appropriate connecting points.

Again make sure that the tuning capacitor is fully closed, then replace the chrome cover on the chassis. Replace the other square chrome can over the coil. At this point, you should see a huge increase in chassis weight. Continue replacing the remaining parts and chrome can covers by referring to the notes you have made during the disassembly process.

When you have reached the point where it is time to replace the disk coil assembly, refer to the Fider's service manual for specific instructions on how to orient the disk for proper installation. Install both nuts and washers. Check for proper operation by rotating the band switch throughout all four positions. After you have installed the disk, then you can replace the metal cover which will protect it from damage.

Continue on with final assembly, but leave the bottom cover off so that you will be able to make voltage checks during your testing process.

POWER SUPPLY/AMPLIFIER

The second chassis is the actual power supply and final amplifier for the Allwave 23. There is little



Figure 6. The completely restored Allwave 23 on the workbench for testing. Left to right, the speaker with an optional diffuser, the power amplifier/power supply, and the main chassis.

that is unusual going on here, and it is mostly a matter of replacing the electrolytic and paper capacitors, and any out-of-spec resistors. Most power cords on these Scotts are usually in bad shape, so make sure that you replace the power cord and wires going to the on/off switch.

There are variations of these chassis that seem to depend upon when they were manufactured. It is helpful to compare your chassis to the service info to see which one you have. I have even seen hybrid versions where there is some overlap between both types. Spending time up front to determine what you have will save a lot of time later on when you start to do the actual repair work.

INITIAL START UP AND TEST

Once both chassis have been restored, it is time to connect them up with each other and the speaker. Figure 6 shows the completed set on the work bench for testing. Refer to the service instructions once again and look for the info on speaker connections.

Scott offered a pair of tweeters for this set. They were optional, and not all buyers ordered them. Because of this, you need to pay attention to how the short cord that is part of the loud speaker is plugged in to the sockets located at the speaker base. It must be correctly oriented depending upon whether you have tweeters or not. If it is improperly installed, then you will damage your set. Before applying any power to the set, make sure you have that plug properly connected.

Attach your antenna following the instructions in the service info for long wire antenna set up. Set the controls in preparation for power up. Turn to the AM band, and set the sensitivity control for maximum. Set the selectivity/fidelity control somewhere between "sharp" and the middle of its range.

Using a variac, slowly bring the set up to power in stages, and watch for anything unusual which might

be happening. You should notice some audio coming forth. Once you do, tune the set for a station. Continue to ramp up the variac until you finally are at normal line voltage.

At this point I am assuming that your time and patience has paid off, and you are hearing a station coming in loud and clear! It is now time to experiment with the set and see how it performs on all bands, as well as how each control is functioning. I would advise performing voltage checks on each chassis as a quality control step in ensuring that the set will operate as the designers intended.

I have rebuilt several Allwave 23 sets, and each one has held its alignment surprisingly well. If you decide to align yours, the information for this process is in the service documentation.

SUMMARY

A Scott Allwave 23 is a classic radio that can be attainable by most radio collectors. As I have found, they are not beyond the scope of most hobbyists who have had some prior experience with radio restoration. These were expensive, quality radios when new, and their survival rate seems to be quite high. They are out there. Good luck on your search and restoration of your own Scott!

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Jespersen, Alan. Great Northern Vintage Radio,
P.O. Box 17338, Minneapolis, MN 55417. 612-
727-2489. www.gn4radios.com.

(Frank Drost, 2226 Whispering Trail, Eagan, MN 55122. frank.d.drost@usps.gov)

Frank Drost, a computer programmer, enjoys restoring large, high-end, 1930s-1940s console radios. Currently, the core of his collection consists of several Scott Imperials and Philharmonic, along with variants of late 1930s 15-tube Zeniths.

MEET AND AUCTION REPORT

Extravaganza 2008 Lansing, Michigan — July 10-12, 2008

REPORTED BY MARK OPPAT AND JOHN REINICKE

The 23rd annual Michigan Antique Radio Club (MARC) Extravaganza opened July 10, 2008, a warm Thursday evening perfect for setting up your booth space and socializing with fellow radio collectors. They came from many states and Canada to this event, still considered the largest U.S.A. antique radio swap meet. Thursday is an informal socializing night with a presentation by the club president John Reinicke. His topic focused on RCA, Extravaganza's featured theme brand.

Although MARC was 23 years young in 2008, this was the 15th year at the Holiday Inn South in Lansing, Michigan. It's reasonably priced and offers informal dining, as well as meeting rooms for the seminars and a large ballroom that MARC uses for the main auction and radio reception evening.

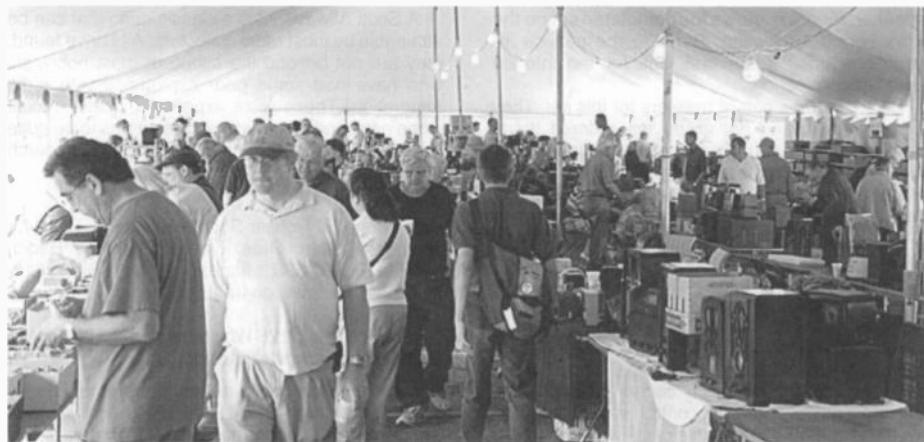
The club has secured this location for the 2009 event set for July 9-11; however, the name of the hotel is now the Causeway Bay Hotel. The club has reserved a block of discounted rooms for this event, so be sure to book early.

This Lansing location is in the central lower penin-



This big smile says that Minnesotan Geno Pickerign must have made a sale from his table full of speakers and character radios.

sula, within an approximate four hour drive from Chicago, Cleveland, Columbus, Dayton, and Indianapolis. It is six hours from Pittsburgh, Buffalo, Louisville, or London, Ontario; eight hours from St. Louis and



MARC's huge tent is the center of the flea market.

nine hours from Knoxville, Tennessee. Many attendees take two days off from work, easily make the trip in on Thursday, stay through to Sunday morning, and then drive home, getting home by dinner time.

THE FLEA MARKET

The huge 160' X 40' Big Top tent in the center of the flea market lot is unique to this swap meet. It encloses the registration and hospitality areas and about 60 seller tables. Later on Saturday, one end of the tent becomes the final "Good Buy Affair" bargain auction. This tent alone is larger than many regional meets.

As planned, the flea market opened Friday morning at 7 A.M. sharp. The temperature usually runs in the lower 60s in the morning and peaks in the lower 80s during the afternoon. The lot was nearly full with most of the 300 spaces occupied. Since admission to the flea market area is free, actual total attendance is hard to say, but overall attendance seemed down only a bit from previous years. The quantity and quality of stuff for sale in the market areas seemed to be of the usual wide variety and of the same volume overall.

If you are a serious collector, you get there right at 7 A.M. Friday to see the widest selection. As in 2007, the second day of Extravaganza was hampered a bit by intermittent rain and wind, so many dealers outside the large tent did not set up. The huge tent allows many vendors to stay open no matter the weather.

Of course, much more than just wood, Catalin or Bakelite radios show up at this event. Televisions, phonographs, literature, speakers, communications gear, and parts are the usual.

Several well known parts and radio dealers attend this event, including Bruce Mager of Waves in New York City, Alan Jespersion of Great Northern Antiques in Minneapolis, Ed Schutz of Renovated Radios in Shelby Twp, Michigan, Bob Piekarz of Bob's Antique Radios of La Grange Park, Illinois, and yours truly from the not too distant burg of Plymouth, Michigan. Dave Snow of Jackson, Michigan, the inventor and maker of



An interesting contest entry was this combination early RCA portable mixer and 74-B microphone.

the famous ARBE-III battery radio power supply, was set up, displaying those units, as well as some other items.

Buford and Jane Chidester of Mt. Wolf, Pennsylvania, who wrote the book on collecting 1920s era cone speakers, were set up showing beautiful cone speakers and even playing music through them. If you have a large magnetic cone type speaker of the 1920s battery radio era, be sure to see these fine folks at this event, as well as the Charlotte, North Carolina, or the Kutztown, Pennsylvania, radio events.

MARC does a substantial amount of advertising to the general public for this event, including TV ads for the first time in 2008. This promotional work mentions the "Radio Rescue" service for free evaluations, much like Antiques Roadshow. Every year, at least a dozen folks show up with radios in tow, often for sale. These
(Continued on following page)



Another contest entry — a display of transistor radios.

(Extravaganza 2008, continued)

are usually run-of-the-mill sets, but over the years, Catalin radios, rare battery sets, and even an Atwater Kent breadboard have walked in the door and been offered up for purchase.

UP CLOSE AND PERSONAL

One of the great advantages to attending these types of meets is the ability to see items like the ARBE-III up close and meet the dealers and collectors in person. Many dealers bring bins full of miscellaneous parts, so you can paw your way through them looking for that odd little bit needed to finish a restoration. This is the kind of stuff you just won't find on any website or in a catalog. Often, someone will find a part in one of my bins and say "You know, I have been looking for one of these for years!" There were probably five sellers of radio commodities, it seems. A note to all knob seekers — be sure to bring your knobs that need matching or good photos or some reference info!

NOT TOO BIG FOR FUN

Each meet seems to have its own personality or flavor. The Kutztown, Pennsylvania, event is like a radio camping event; Charlotte, North Carolina, is held at a very nice hotel in late March; the AWA Conference in Rochester in August remains the most traditional of swap meets; Extravaganza in July and ARCI near Chicago in early August are somewhat a mix of those types.

Although Extravaganza is a larger meet, there is



This nice Zenith 12-tube 12S245 chairside was a contest entry.

plenty of time to see it all, visit with collectors, attend a seminar or two, socialize at the Radio Reception, attend an auction or two, have lunch and dinner, and not be totally exhausted. For those with an extra day or afternoon/evening, Lansing offers the unique stringed instrument dealer known as Elderly Instruments. This is the mecca for traditional music players such as bluegrass, folk, blues, and Old Timey music made popular by the movie *Oh Brother, Where Art Thou?* The Old Timey group sells and repairs banjos, mandolins, fiddles, etc., and, of course, guitars. Also, the Lansing Lugnuts Class A baseball club plays about four miles from the Extravaganza site in a newer urban ballpark.



A striking RCA banner drew attention to Bruce Mager of Waves's table, offering early televisions — a Pilot, left, and an RCA, right — cone speakers, a glass-cased battery set, and many other items.

SEMINARS

MARC has made it a tradition to present several seminars during Extravaganza, with one or two tied to the theme of the show. In sync with that, MARC member Doug Houston presented RCA Radios of the 1930s, MARC tube dealer Mike Dale presented "How Tubes REALLY Work," and I myself did a servicing seminar focused a bit on RCA, including an extensive question and answer period.

THE RADIO RECEPTION

Held in the ballroom on Friday eve, the Radio Reception is a cash bar event where the contest items can be viewed and the winners are announced. A small group of judges does the judging earlier in the day so the winners are tabulated and announced by MARC's contest coordinator, Dan Gutowski. Dan's been running the contest for several years



Canadian collector Gary Clayton offered a broad sampling of test equipment in the flea market.

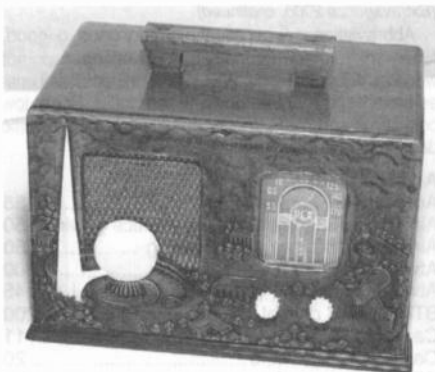
now and has it down to a smooth click. The winners are photographed and appear with their entries in MARC's quarterly bulletin *The Chronicle*, edited professionally by MARC member Steve Enzer. *The Chronicle* became a color publication a few years ago, and it's really worth seeing these entries and other articles. This year's live music was provided by Picks and Sticks, an acoustic group that plays "Old Time" and contemporary music on hammer dulcimer, upright bass, banjo and guitar. A grand time was had by all!

THE MAIN AUCTION

On Saturday, the ballroom is reset for the main auction. This year, Rich Estes auctioned a total of 152 lots for a total sale of \$14,511. The auction is conducted in a buy-back format. In this case, the seller could bid on his own item rather than have a reserve posted on the item. This makes for a lively auction and allows the seller the opportunity to adjust his expectations on the fly. This year the buy-back total was only \$1,690, so most of the lots found new homes. Of particular interest was a striking Stewart-Warner 91SL that sold for \$925. Reflecting the economic times, a nice Atwater Kent 10 breadboard sold for \$700 with tubes, and a very good Zenith 10S160 sold for \$350.

THE GOOD BUY AFFAIR

This final auction kicks off right after the end of the main auction, usually around 4:30 P.M. on Saturday, and it seems to be growing every year! This year about 20 tables plus many consoles were auctioned off with no reserve to the highest bidder — sometimes as low as 25 cents an item! While some items are auctioned separately, most



A nice RCA Model 40X56, "1939 World's Fair" Repwood set was an eye-catcher.

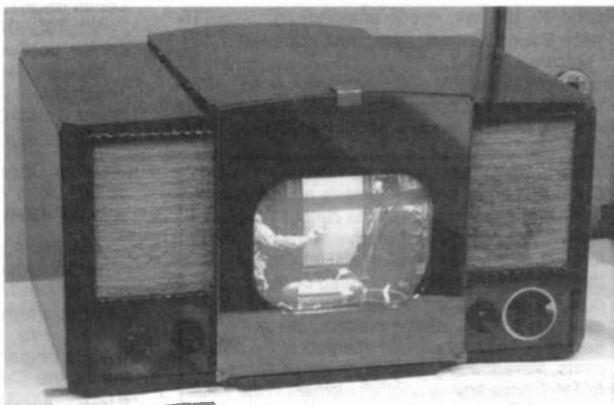
of the auction runs by "Choice of the Table" bidding. The winner gets to take as many items off the table at the winning bid price for each item. When that bidder is done selecting, the bidding is opened again, and the next winner gets choice of the table. Once this procedure has been followed a few times, the entire contents of the table often gets offered at one price. It's not unusual for this final bid to be \$5! All money from this auction goes directly to the club to help offset the costs of the event.

GET OUT AND SEE FOR YOURSELF

I talk by phone and e-mail to many collectors each year. It seems about half of them have been to one radio event or another. Of course, for those west of the Mississippi, there are few sizable events to attend and great lengths to travel to the nearest one. However, if you are within reasonable driving distance or can manage to hop a flight to Lansing or Detroit, this year make Extravaganza a summer vacation stop from July 9 to 11, if at all possible. Especially for locals, lower gas prices will probably make this trip more enticing this year.

If you make it, MARC will show you a great radio experience!

(Continued on following page)



This vintage RCA Model 630TS was operating with vintage programs in the contest.

(Extravaganza 2008, continued)

Abbreviations: e=excellent, vg=very good, g=good, f=fair, unk=unknown condition, wk=working, nwk=not working, WT=with tubes, WE=Western Electric. All prices have been rounded down to the dollar. Some low cost items and items in poor condition or non-specific descriptions are omitted

Auction Listing:

Aerodyne BF6, great, wk	\$135
Air King 1933 tombstone, cosmetics g, wk ..	350
Airline 93, "buzzes and hums," g	50
Atwater Kent 10 breadboard, g	700
Atwater Kent cone speaker	45
BTH Type C crystal set, g	200
Car radio vibrators, (19)	11
Casio LCD TV, wk, e	20
CBS tube sign, wk, g	50
Coca Cola cooler radio,	30
Coronado 900, wk	10
DeForest D10, cosmetics e, unk,	500
Detrola 302, 1938, small scratch, wk, nice ..	400
Detrola 571, new capacitors, g	15
Electro-Voice "Lansing," w/bad cones, (2)	45
Fada 1000 bullet, as is	100
Garrard radio, wk, turntable wk, needs cartridge	85
Garrard AT6 turntable, OK, unk	5
GE brass blade fan, wk	95
GE KL500, restored, wk well, e	75
Hallicrafters S-53A, unk, f	35
Hallicrafters Skyrider receiver, unk	50
Hallicrafters TW-1000A radio, f	20
Hallicrafters Worldwide, unk, g	90
Hickock 539B tube tester, wk, restored, e ...	475
Home brew, Quaker Oat crystal radio, f	55
Howard 56A cathedral, unk, g	125
Jewett Super Speaker, g driver, g	85
Knight integrated amp, unk, g	70
KTV plexiglass TV, wk great, e	25
Long Wave loose coupler, blue windings, g ...	75
Macintosh MC30, bad output transformer, g	350
Magnacorder PT6 tape recorder, unk, g	70
Magnavox R3 horn speaker, g driver, g	100
Midget cone speaker, w/box, vg	105
Motorola 6A1, g	25
Montgomery Ward Airline 14BR79, recapped, g	35
Normende, German radio, g	50
Philco 40-165, wk, needs antenna, vg	15
Philco 80B, 1933, wk, recapped, completely restored, g	80
Philco colonial clock, 1933, cosmetics g, wk ..	375
Philco Safari TV, cosmetics g, unk	150
Pilot TV, g CRT, missing small part, vg	155

A warning: Auction prices are not current values. Our selection of auction items is not necessarily complete. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.



This refinished Stewart-Warner radio, possibly a Model 91-513 "spade," was offered in the auction.

RCA 6X, red, missing vol. knob, g	60
RCA 8BX5 portable, needs wk, tubes light up	3
RCA 9X, wk well, f	15
RCA 128, nice, unk	145
RCA 128 tombstone, unk, vg	75
RCA Radiola 24, untested, NT, f	115
RCA Radiola 66, cosmetics g, untested, bit of trim missing	40
RCA tapestry speaker,	65
ReCORD 249,	5
Robins and Meyer radio fan, wk	65
Rola FS6, 6-ohm speaker, e	30
Seeburg wall speaker, f	325
Silvertone cathedral, 1933, wk very well	125
Songbird hom, g driver, g	115
Sonora Catalin, little crack, nwk, g	500
Sterling tube tester, f	15
Stewart-Warner 91SL, wk, nice	925
Stewart-Warner 102A, cosmetics g, untested	70
Sylvania tube caddy, WT (±300)	25
Thomas Bluebird repro, wk, nice	85
Tower Adventurer cone speaker, wk, e	350
US Apex radio, dirty, nice	135
Utah drum speaker, g	65
WE 540 cone speaker, g driver, g sound, g .	250
Westinghouse RC, need parts, g	275
Zenith 6S469, wk well, vg	40
Zenith 9S367, cosmetics g, "lights up"	75
Zenith 10S507, cabinet needs attention, wk ..	15
Zenith "porthole," b/w TV, 1950, leatherette cabinet, needs repair	40
Zenith Royal 3000-1 Trans-Oceanic, g	65
Zenith Trans-Oceanic, brown leather, wk, e	155
Zenith Zephyr 10S160, fully restored, e	350

(Mark Oppat, 253 Blanche St., Plymouth, MI 48170. John Reinicke, 7458 St. Auburn, Bloomfield, MI 48301)

The Michigan Antique Radio Club publishes "The Michigan Antique Radio Club Chronicle" quarterly and holds the Annual Extravaganza and other quarterly meets. Dues are \$20.

For info on Extravaganza 2009, see www.michiganantiqueradio.org. For room booking at the Causeway Bay Hotel, call 517-694-8123 or 800-333-8123. To reserve a seller's space or table, email mrkgoodwin@comcast.net. See reservation form on page 2. For other info, email moppat@comcast.net.



RADIO MISCELLANEA

"Radio Miscellanea" includes items of general interest selected from A.R.C.'s incoming correspondence. "In The Marketplace" items are based on information submitted by the businesses themselves. "From The Internet" items are obtained from internet newsgroups and other internet resources. Submitted items should be verified for accuracy; items may be edited by A.R.C. for publication, and publication is not guaranteed. See the masthead for more details.

A.R.C. Aids in Museum Donation

Dear Editor,
It has been several months since my ad in A.R.C. to sell the meter collection was printed. Since then, The American Museum of Radio and Electricity in Bellingham, Washington has expressed an interest. After they visited to examine the collection, they were pleased and I donated my collection to them.

Thank you for your support.
Leonard Cartwright, Beaverton, OR

My Lifeline to the Radio World!

Dear Editor,
Thanks for your work on A.R.C. It's my lifeline to the radio world.
Frank Moore, Billings, MT

Online Reader Signs Up! Thanks!

Dear Editor,
I've been reading online for years.
Matt Planning, Delafield, WI
Matt made this comment as he was becoming a new subscriber. Thanks, Matt. (Editor)

Thanks for the Memories!

Dear Editor,
Just a note to tell you that I will not be renewing my subscription to A.R.C., but I want you to know how much I have enjoyed A.R.C. over the past years. It is without a doubt the best magazine for an antique radio collector.

I am 77 years old. I have sold most of my antique radios and phonographs. I collected for almost 40 years, and I've enjoyed the hobby very much.

Thanks for the memories! The best to all of you.
Willis Rudolph, Cordova, TN

Willis subscribed for 13 years! Thanks to you, Willis for your support all those years! (Editor)

Color War goes on - Tongue-in-Cheek

Dear Editor:
It took me a pint of Old Crow to get through Mike Masar's article on the Philco PT-10C (A.R.C. November '08). So, the mighty Flavoradio (see my March, 2008, article in A.R.C.) gets toppled from the color throne by this alleged 55-shade offering from the Philadelphia Battery Company. Humberg! I say. We are unable to find a PT-10C in any of the dozen or so radio collector's guides on my shelf.

Eleven Flavoradios in the hand is worth 55 Philco's in the bush, or wherever they are hiding. Has anyone been able to carbon date this alleged "poster," or are we dealing with just another "Shroud of Turin"?

Indignantly,
Phil MacArthur, Oswego, NY

RE: A.R.C.'s Reality Check

Dear Editor,
I received the ARC "reality check" issue today and just wanted to pass along my best wishes for your efforts going forward.

We have all been impacted by the economy, changing demographics, and challenges of this hobby. I have continued to look forward to each issue of A.R.C. since I first subscribed about five years ago. The latest issue sits by my bedside, and I read it each night for a few minutes before I go to bed.

I also appreciate the difficulties of getting good editorial content for the magazine. I was a founder of the HLARA club in Tulsa five years ago, and we were always challenged to find anyone who would write an article for our newsletter or speak at a monthly meeting.

Two years ago, I left Tulsa to move to the Philadelphia area (job related). Since then, I have been to a few East Coast events, and hope to attend more as time permits. The unfortunate effect of the current economic climate for me is that I need to work pretty much seven days a week to keep my very good job.

William Thomas, Malvern, PA

Dear Editor,
I am OK with the cheaper printing of the latest A.R.C., if it saves us a little on our subscription renewals. I'd say go for it, just as long as you keep those great articles coming!

Don Maurer, Bemville, PA

Dear Editor,
I hope you can find a way to hold down price increases. As a retired "senior," I may have to drop my subscription. As it is, I can't afford to buy books very often now.

Thomas Tallentire, Aurora, IN

Dear Editor,
Regarding your May column about the economy, you are right on.

But I think you are wearing blinders when writing about our hobby. In general, the antique business is in terrible shape; every aspect of collecting has taken a hit. Most of us collect because we love radios, but many buyers are just looking for nostalgia pieces for their homes. I love wood radios — gosh, everyone loves wood radios.

However, the future is probably in plastic models of the 1960s; that is what the baby boomers will be looking for. My collection consists of six hundred radios. In the last two years, tube radios have all but disappeared from antique shops, flea markets and general auctions; most are in the hands of collectors.

As every part of our economy heals, we will be right out there with it.

David Hofeld, Egg Harbor Township, NJ

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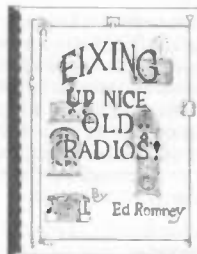
Classic Cones, Chidester. Pictorial reference & value guide for 1920s radio cone speakers. 100s of color photos. 2001. 122 pgs. **\$25.95**



A. Atwater Kent, The Man, the Manufacturer and His Radios by Ralph Williams and John P. Wolkonowicz. A compilation of the articles on Atwater Kent which were published in Radio Age by Ralph Williams in the 1970s. Covers 1920s Atwater Kent sets. Also included is John P. Wolkonowicz's 1976 article WPI's Forgotten Millionaire. This is a "must have" book for any Atwater Kent enthusiast. Donald O. Patterson, Editor. 108 pages. — **\$25.95**



Fixing Up Nice Old Radios by Ed Romney. Written by a retired radio instructor. Plastic binding. 300+ figures, 185 pages. — **\$35.00**



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The deadline is the first of the month for display and business card ad artwork, payment and repeat requests.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

Advertising must be prepaid, except as noted below; see "Payment" paragraph above for details. Late ads will be run only if space and time permit. **Originals must be the artwork size listed below.** Send all artwork on disk or ask us to typeset it for you. Do not send in artwork on art board or send negatives. Please call for instructions on how to send your electronic ad. If used, reverse type must be limited to 25% of the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Add \$16.00 per photo for screening unless part of an existing electronic ad. **Do not cut or trim photos or glue photos to artwork; submit separately.**

If you are confused by these requirements and terms, please

contact A.R.C. before beginning to prepare your ad. We will be happy to advise you on your ad ideas, estimate how much the ad will cost, recommend an ad size, etc.

We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet these specifications. A late ad will run beginning with the next month. "Tear sheets" will be sent only for 1/16-page or larger ads and only if requested when the ad is submitted.

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1/2 H	3 5/16 x 4 3/4		3 5/16 x 4 3/4	
1/2 V	7 3/4 x 2 1/4		7 3/4 x 2 1/4	
1/4	3 5/16 x 2 1/4		3 5/16 x 2 1/4	
1/8	1 5/8 x 2 1/4		1 5/8 x 2 1/4	
Business Card (1st)	2 x 3 3/4		1 1/4 x 2 3/8	
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1/2 V	146.00	389.00	675.00*	1175.00**	37.00†
1/4	74.00	197.00	342.00	595.00	19.00†
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Business Card (2nd....)	not avail.	68.00	118.00	205.00	7.00†

* Full & 1/2 page, 6-mos.: 1/2 due with order; 1/2 due in 3 mos. ** Full & 1/2 page, 12-mos.: 1/4 due with order; 1/4 due at 3, 6 & 9 mos. † For 6 and 12 month ads, no ad make-up charge if no change is made to ad for entire run.

E-mail: arc@antiqueradio.com

Web: www.antiqueradio.com



CLASSIFIED ADS • DETAILS AND RATES

ONE FREE 50-WORD AD for subscribers in each issue; additional words are 10¢ each. See details below. Classified ads sent by mail, fax, e-mail or by any other method must be received (not just postmarked!) by **Noon Eastern Time** on the classified ad deadline date to guarantee inclusion in the current issue. Late ads are held for the following issue. Please enclose correct payment with all ads. Cash is OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on opposite page for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

Faxed & e-mailed ads: Please see additional information on opposite page.

When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive months up to your subscription expiration; 12-months, maximum) you want the ad to run.

To minimize our typing errors: Please write legibly. Use both capital and small letters. Do not use a dash between words. Carefully write the following numbers and letters (especially in model numbers) since some can look alike; for example 1, I and l (the number one, the capital i and the small L.) Also: 0, O, o, Q and D; v, r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations are in [brackets] in ads.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

Classified ads must have a standard heading such as WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, FREE. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address are **required** in all classified ads; we will add it if you forget.

The publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Names other than the advertiser will be edited out of ads. Ads with non-radio-related items will be returned or edited unless the non-radio-related items are for trade of radio-related items, or they are incidental to and appear at the end of an otherwise acceptable ad. The publisher is not responsible for errors due to illegibly written ads or for any other reason. See also Publishing Rights on opposite page.

Clubs: Since club activities receive free coverage on the *Coming Radio Events* pages, the free 50 words may not be used for club activity ads. A discount on display advertising is available for clubs.

Classified Ad Rates per Month

Deadline: NOON ET— 10th of the month.

Subscribers (First Ad):

First 50 words: **FREE!**

10¢ per word for words over 50

Subscribers (Ads after first ad):

10¢ per word for all words

Non-Subscribers:

30¢ per word

Please do not forget to send in the extra 10¢ per word when your classified ad runs over the free 50 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month

for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

\$10.00 per month for each photo or drawing

(If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: WANTED, FOR SALE, etc., count as one word each time used in an ad. Name, address and (one) telephone number, count as 6 words, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name (or company name) and address are required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.

E-mail: arc@antiqueradio.com

Web: www.antiqueradio.com



CLASSIFIED ADVERTISEMENTS

FOR SALE: Hammarlund HQ 180 with speaker and manual, many other communication receivers. What are you looking for? Howard Felder, 7517 Granada Dr., Bethesda, MD 20817. (301) 320-3028

FOR SALE: McIntosh FM receiver w/preamp Model MX113, McIntosh Model MC2505 amplifier, both items are, beautiful walnut cabinets, like new. Thorens TD160 precision turntable w/cover 33-45 speeds, like new. 1920s Western Electric 600A microphone w/6 1/2" ring, 1920s mike w/6 1/2" ring mfd. by Ellis Electric Lab, Berwyn, IL #M107. Emerson Mod 729 turquoise AM radio w/very striking silver checkerboard grille. Zenith H511 AM plastic, console tone brown, like new. (2) Philco Mod 20 cathedrals, complete. Many more radios of every description at reasonable prices. Bill Kalcik, Meadowbrook Resort, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855

FOR SALE: Motorola Model BLN1211B headset mic, all new, in orig. box - \$35, l ship. John Snow, 1910 Remington Ct., Andover, KS 67002. (316) 733-1856

FOR SALE: Industrial Instruments Inc. conductivity bridge Model RC162B for measurement of electrolytic resistance and conductance. Gordon Shimmel, PO Box 101, Hannawa Falls, NY 13647-0101. (315) 265-4638

FOR SALE: Nice old loose coupler - \$80. Signal elec. kit radio assembled, well done nice - \$100. Carriage clock, French, very old, original carry case, needs work, also (1) glass replaced - \$125. Salt & pepper set looks like a console 1950s TV on legs, cute - \$20. Plus shipping. Darrell Combs, 6587 Pacheco Way, Citrus Hts., CA 95610. (916) 969-0635

FOR SALE: Would anybody have any use for old TV line cords? Florian A. Rogowski, 40135 Streamwood Ct., Sterling Heights, MI 48310

FOR SALE: Reproduction radio dial belts for radios of the 1930s and 40s. Made of durable non-slip 1/8 inch round polyurethane. Ready for installation, no cutting/gluing. Available for all makes and models. Complete details at www.Adamsradio.com. Adams Manufacturing Company, PO Box 1005, Lincoln Park, MI 48146

FOR SALE: AK 10C breadboard with AK horn speaker, gorgeous - \$1,450. Edison standard cylinder phonograph - \$745. AK 84B cathedral - \$695. All working. Photos e-mailed. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (973) 694-6374. E-mail: radorich123@yahoo.com

FOR SALE: Zenith R-3000 Trans-Oceanic radios, have 2, both showing their age. Not perfect, but generally good condition, battery boxes and antennas OK - \$75 for both, plus actual shipping cost. Nick Adams, 1305 Shady Rest Rd., Havana, FL 32333. (850) 539-5906. E-mail: w4eaf@bellsouth.net

FOR SALE: Western Electric speakers 555, 752A, 728B, 755A, 596A, RCA microphones 77DX, 44, PB90, McMurdo Silver Masterpiece 5, Scott Philharmonic in Warrington cabinet, Weco 639B mics; Steinway-Capehart 400P in black ebony cabinet, Leslies 22H, 122, 125. Weco 350B, McIntosh amps, Marantz 7 preamp. V. Vogt, 2311 Pimmit Dr. #114, Falls Church, VA 22043. (206) 898-0880. E-mail: archaicaudio@msn.com

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A.R.C. Advertising Policy
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Sellers and Buyers, Please Note!
.....
Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.
.....

FOR SALE: (10) used 6K6GT, sub for 6V6GT - \$20. (8) dial belts - \$8. Dud RCA B battery - \$5. Circular dial for Majestic - \$5. N.O.S. TV antenna lightning arrestor - \$5. RS SWR meter - \$15. Used 24, 24A, 224 as is, filaments OK - \$3 ea. James S Looney, 1135 Harman Jct. Rd., Grundy, VA 24614. (276) 531-8677

FOR SALE/TRADE: Magazines: Electronics Illustrated, Radio-TV Experimenter, Electronic Experimenter's Handbook, Electronics Hobbyist, Hands-On Electronics, Popular Electronics, Modern Electronics, Elementary Electronics, Radio-Electronics, Electronics World, Radio News, Radio-Craft, Radio, GE Ham News, RCA Ham Tips, QST, Ham Radio, 73, CQ. A.J. Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536. E-mail: ni4q@juno.com

FOR SALE: Majestic Model 4706 table set - \$79. Philco Model 57C mantle set - \$129. Philco Model 90 cathedral - \$395. These sets are in very good condition and have been serviced. Bob Fuerderer, Holy Farm, 813 Rte. 12A, Surry, NH 03431. (603) 352-3005

FOR SALE: Crosleys: 11113U - \$45, 15WE - \$45, 5M3 - \$60. Majestic 214 console, pick up only or will meet half way within 100 miles of Tyler - \$95. Philcos: 3835 - \$50, 3817 - \$45. H.B. McMahan, 313 W. Shaw, Tyler, TX 75701-3029. (903) 593-5433. E-mail: hbmc@att.net

FOR SALE: Zenith Trans-Oceanic 3000-1, works - \$100. RCA 7-BT-9J, RCA's first transistor radio, fair condition - \$60. Majestic 59, untested, top replaced - \$200. Kennedy XXX Type 435 cabinet with meter - \$165. 1912 Simplex novelty radio with box - \$25. RCA Advanced Voltohmyst WV-75A - \$35. Walter Kiefner, 6233 51st Ave. NE, Seattle, WA 98115. (206) 527-3555. E-mail: wkusa@yahoo.com

WANTED: I would like to buy the books, Getting Acquainted with Radio by Alfred Morgan and First Radio Book for Boys, also by Morgan. Also, Radio for the Millions - 1943-1945. Price/condition. Thanks. Bob Ryan, 1000 S. Gilbert St., Apt. 132, Hemet, CA 92543-7065

WANTED: Junker chassis: RCA 143 and Stewart-Wamer R130. Ye Olde Radio Shoppe, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: (440) 933-8864. E-mail: yeolderadioshoppe@oh.rr.com

WANTED: Hi-fi commercial speakers: Altec, Electro-Voice, JBL, Jensen, Goodmans, Tannoy, Stephens, Western Electric, working or not. Sonny Goldson, 520 Pochontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: SonnySound@aol.com

WANTED: Atwater Kent 33 case only or junker with tags and hardware. Steve Morton, 905 W. 1st, North Platte, NE 69101. (308) 534-4778. E-mail: morton@nque.com

WANTED: Perm-o-flex dynamic speaker 6 1/2 inch dia. for 1930s Air Castle battery radio Model 1070B-157 speaker made by Continental Motors, Detroit, Mich. Gale Roberts, PO Box 152, Clyman, WI 53016. (920) 696-3491. E-mail: wb9rww@wmconnect.com

WANTED: Operation and service manual for EICO Signal Generator Model #315 and chassis for Stewart-Wamer Model R102 A, B, or E. Must be complete and restorable. Fielding Grigsby PO Box 2601, Ardmore, OK 73402. (580) 222-9408

WANTED: R390A radio, TCS-9 ant. relay or parts chassis. McIntosh audio parts (output transformers). Power transformer for Yaesu FT101ZD. Bob Hoppe, 523 Clark St., Waverly, NY 14892. (607) 565-2696. E-mail: n2ric@arast.org

**Society for the Preservation of
Antique Radio Knowledge (SPARK)**
presents its

AUCTION - SWAP - CONTEST

Holiday Inn South, 2455 Dryden Rd., Dayton, OH

June 13, 2009

8 AM - 1 PM

Richard Estes, Auctioneer

Table setup fee: \$15 includes club membership

Radio Raffle Feature

4 possible prizes:

1. RCA Console 29K2
2. Philco Cathedral Model 84B late
3. Federal Bakelite Model 1040TB
4. Philco wood table Model 38-12

Radio Contest with 2 Categories:

1. Wooden tube table radios
2. Portable tube radios 1957 and older

Directions: The site is just south of the city of Dayton. Take I-75 to Exit 50A, Dryden Rd.

Contacts: Ed App - (937) 865-0982
Dan Casey - (513) 265-8466

WANTED: Broadcast microphones. Early carbon, condenser, ribbons, etc. James Steele, PO Box 610, Kingsland, GA 31548-0620. (912) 729-2242. E-mail: JSteele@k-bay106.com. Microphone collectors website: <http://www.k-bay106.com/mics.htm>

HAS YOUR SUBSCRIPTION

EXPIRED?

**It has if your mailing label reads
"EXP=JUN09" or earlier.
Renew now!**

*BONUS: Renew before
your "EXP" month and receive
13 issues per year instead of 12!*

Renewal rates are:

\$45.00 for Periodicals Mailing
\$60.00 for First-Class Mailing

(Two-year renewals are twice above rates.)

WANTED: AM-FM rotary selector switch for 1964-1966 Studebaker AM-FM Delco automobile radio. Delco part #7288556 (or junker radio). Lawrence Golub, PO Box 131, West Rupert, VT 05776. (802) 394-2942. E-mail: lgolub@cfl.rr.com

WANTED: Meter for Hickok 600-A tube tester. John Snow, 1910 Remington Ct., Andover, KS 67002. (316) 733-1856

WANTED: NBC radio or TV chimes, especially color chimes from 1960s. Also want old microphones (not ham or CB) working or not. Send photo and price wanted. Tom Keeton, 684 W. Crestline Ave., Littleton, CO 80120-1640

A.G. Tannenbaum Electronic Service Data

2043 Empire Central
Dallas, Texas 75235
Phone 214-654-0033

STILL THE



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**Now selling tubes, equipment,
test equipment and much more!**

Browse our expanded web offerings at
<http://www.agtannenbaum.com>

FOR SALE: Shure mics Model VR300 low Z, desk models – \$35, I ship. John Snow, 1910 Remington Ct., Andover, KS 67002. (316) 733-1856

CAN'T FIND THAT MODEL?
Place a free 50-word Wanted ad
and let it find you!

FOR SALE: Go to our newly updated website at gn4radios.com for an extensive listing of items for sale. For an up-to-the-minute update, call (612) 727-2489 during business hours. We offer the highest quality electrical restoration for Zenith Trans-Oceanics and all other vintage radios, including the solid-state TOs. Also AC line cords for the xstr TOs. We have in stock over 100 different Zenith repro knobs and cosmetic parts. Call with your needs. Excellent repro Scott knobs. We are the largest retailer of E.H. Scott radios with 7 excellent examples on our showroom floor at this time. Call for details. Zeniths: Trans-Oceanic R7000 new old stock with original box; super rare 15U246 McDonald chairside; excellent original 12S245 McDonald chairside; Zenith 15U271; 12U159 and many others. Trans-Oceanics: 7G605; R7000 and all of the others. Restored RCA 813K with remote control. Also many other fine brands for sale. Restoration supplies. Request our free catalog of parts and supplies. Visiting Minneapolis? We have the finest vintage radio showroom in the country with over 50 exceptional consoles on the floor, and shelves and shelves of table models. Experience our store, Great Northern Vintage Radios, just 5 minutes from the airport. We ship consoles and we do it right. We accept cash, check, money orders, plastic and Paypal. Alan Jespersen, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489. 11 am-4:30, Tuesday-Friday, Saturday 10-3. Fax during business hours: (612) 821-4820. E-mail: alan@alanjеспerson.com and mte612@aol.com

FOR SALE: Books: "The Big Broadcast 1920-1950" (listings of radio programs), Buxton & Owen – \$13; "Fundamentals of Radio", 6th Edition, 1952, Henny & Richardson – \$12; "Handbook of Electronic Tables", 2nd edition, 1972, Clifford – \$8. Prices postpaid U.S.A. Gary A. Micaneck, 226 Henry Ave., Manchester, MO 63011. (636) 227-7046. E-mail: micaneck@aol.com



FOR SALE: Drugstore Type RCA tube storage cabinet used in the 1950s with universal tester on top for customers to test their own tubes, 19" x 20" x 34" high. RCA logo in 6" circle on door, store hundreds of tubes – \$195 + UPS. Phil Guinan, 106 Page Rd., Litchfield, NH 03052. (603) 889-6213

FOR SALE: Walsco idler wheels, pressure rollers, turret drives. Spindles, 45 rpm adapters, needles, motors, cartridges. Angelo J. Milardo, 201 English St., New Haven, CT 06513. (203) 624-1015

FOR SALE: Zenith Radio Model #10S1515 mahogany with nice detail, needs repair and restoration (has been stripped) goes to – Best Offer. John Castro, 3912 Olive St., Huntington Park, CA 90255. (310) 293-1142

Ohio – June 26 & 27

Cincinnati Antique Radio Society

The 18th Annual

Radorama

New Location: Site of former Voice of America

- Fellowship Get-Together Friday Night, June 26, 4-8 pm
- Swap Meet at Dawn, Saturday June 27
- Donation Auction by Richard Estes

Directions: I-75 to exit 22, Tylersville Rd. 1/4 mile east to Crosley Lane, turn left.

Contact: Bob White - (513) 385-8291; cell (513) 300-1963; e-mail: crosley@fuse.net
Bob Sands - (513) 858-1755; e-mail: rsands@fuse.net

WANTED: 16-tube or 25-tube Zenith Stratosphere, complete or cabinet only. Chassis parts also needed. Will trade from our vast array of fine radios. Alan Jespersion, 5200 Bloomington Ave., Minneapolis, MN 55417. (612) 727-2489. Fax (612) 821-4820

WANTED: Atlas 210X transceiver. John Snow, 1910 Remington Ct., Andover, KS 67002. (316) 733-1856

Classified Ad Deadline Noon
June 10 for July 2009 Issue
July 10 for Aug. 2009 Issue
 Photo & Display Ads - 1st

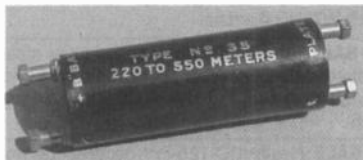
WANTED: For Grunow Model 500 tombstone. Speaker, knobs or complete junker radio for parts. Sams record changer manual volume 13 (RC-13) in good condition. Montgomery Ward radio service manual Volume 1 1929-1942 (bound volume). Beitman's Radio Service Manual for 1966. Allied Radio Catalog for 1960. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

WANTED: Guitars/amps/effects pedals, Vox, Selmer, Marshall, Gibson, Fender, Gretsch, Ricken Backer, FuzzFace, Cry Baby, Electro Harmonix, etc. Sonny Goldson, 520 Pochontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: SonnySound@aol.com

WANTED: Hallicrafters HA-19 crystal calibrator in working condition, manual, probes, knobs for Heathkit IG-102 RF signal generator, B&W baby inductor coils, specifically 40 MCL and 20 MCL forms in good condition. Louis L. D'Antuono, 8802 Ridge Blvd. #C-2, Brooklyn, NY 11209. (718) 748-9612, after 6 pm

WANTED: General Radio 546-B microvoltage manual. RCA Special Red Tube Booklet. Fluke 8020A digital multimeter display or junker with good display. Weston Model 779 VOM. 4K 25-watt ohmite or equivalent resistors. Weston catalog 1920-1940. N.O.S. tubes: 0Z4, 12BA6, 12BE6, 12BF6, 12AL8. Alan J. Kriss, 416 Norris Brook Rd., Middlebury Center, PA 16935. (570) 376-3952

WANTED: Power transformer for Atwater Kent Model 80 cathedral. Also 1947 Jewel TM. Jim Collins, 334 Wells Ave. S, Apt. 203, Renton, WA 98057. (425) 299-7176



WANTED: Please help me finish a tough restoration! Need a Federal RF transformer that plugs in. See photo. Frequency not important, and need not be working. Who can help? Kinda dig thru your old parts box and look. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, MA 02649. (508) 477-1578, before 9 pm please

WANTED: Range-band switch for a GEM62 (RCA chassis 125) Part #5100. Range-band switch for a Montgomery Ward (Airline) Model numbers 62-173, 62-175, 62-176, 62-177, 62-188, 62-193, all the same chassis part #2A41. Junker chassis considered. Edward Fadda, 53 Obsidian Dr., Oakdale, CA 95361. (209) 848-0664

WANTED: Meter for Swan 350 transceiver. Steve VanSickle, 3010 Tibbits Ave., Troy, NY 12180. (518) 326-0902. E-mail: wb2hpr@arrl.net



If you could only attend
one out-of-state radio
swap meet, it should be
the 24th annual:

EXTRAVAGANZA '09

July 9, 10 and 11



The Michigan Antique Radio Club
in association with the Tube
Collectors Association is proud to
announce this year's theme ...

Radio through the Decades

At the Causeway Bay Hotel in Lansing, MI
(formerly the Holiday Inn South)
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For show information and a brochure,
contact Mark Goodwin 1-734-316-2803
Email: mkgoodwin@comcast.net

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THE ORIGINAL AND LARGEST HISTORICAL RADIO-COLLECTOR GROUP

- Publishes *AWA Journal* with:
 - Battery and AC receiver restoration
 - Vacuum-tube history and collecting
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 - Communications receivers
 - Free want-sell-swap ads
 - Early television
 - Horn loudspeakers
 - Reviews of current books
 - Keys and land-line telegraphy
 - News of U. S. and foreign clubs
 - Information on public radio museums.
- Maintains unique radio-TV museum.
- Produces the annual Rochester meet.
- Co-sponsors local meets.
- Publishes the annual *AWA Review*.

Membership is only \$25 per year U.S.A. (\$30 per year elsewhere). Write to:

AWA Membership Director
PO Box 421, Bloomfield, NY 14469-0421
www.antiquewireless.org



FOR SALE: Escutcheons, dials, pointers, knobs, photofacts, tube shields, replacement screws & light bulbs. Hundreds of original antique radio parts for your restoration. Visit our website at www.PortlandAntiqueRadio.com. Portland Antique Radio Supply, PO Box 3547, Tualatin, OR 97062

FOR SALE: N.O.S. tubes 12SK7, 12K6, 25Z6GT, 6SK7, + many 6v octals and miniatures - \$1 ea. 6F8G, 6B8G, 57, etc. - \$2. Radio knobs new and used - \$2.50 for 25. Specify knurled, flat, or set-screw type or mix. .01 or .1 mF caps (tiny), .05 low-voltage ceramic caps - \$1 for 50. Robert Larson, 1325 Ridge Way, Medford, OR 97504. E-mail: W7LNG@arrl.net

FOR SALE: Atwater Kent dual speed tuner repair kit, complete details at www.adamsradio.com. Adams Manufacturing Co., PO Box 1005, Lincoln Park, MI 48146

FOR SALE: Heathkit IO-125-inch oscilloscope, working - \$65. Heathkit IO-101 3-inch vectorscope/generator, working - \$45. Amplivox Roving Rostrum portable PA system, AC/DC, working - \$50. Tequipment S-51, 5-inch tube type oscilloscope, 1960s from England, working - \$75. GE 7" B&W TV, 1990, runs on 12-volt DC, works good - \$45. Sony 11" B&W TV, 1974 Model TV-115, runs on AC or 12-volt DC, working - \$55. Zenith portable radio, Model Z222W, AM/FM/TV/clock w/alarm - \$35. All prices UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

FOR SALE: (10) vintage QSL amateur radio QSL cards U.S.A.-Canada, 1930s-1960s, all - \$10. Emerson Moderne knobs & pointer - \$12. Tape recorder mic - \$10. Sams tube manual - \$10. N.O.S. Astatic 89T needle - \$18. Shipping additional all items. Don Maurer, 7 Bricker Rd., Bernville, PA 19506. (717) 507-0628. E-mail: dmradios@aol.com. Radio sale: dmradios.com/tube.html

FOR SALE: Zenith radios. Royal 15, 50, 59, 94Y, 500H, 500N, 675, 755, 755G, 760, Model R90, 297, Model 1000, 2000, 7000, 7000L, Model 6D630, 6D0152, 6D311, 8D625. AP6 phonograph. K515 clock radio, SA-02 console, 5808 console, Cub Scout radio kit N.I.B. #1894 crystal set. Ajjala Repair, 50 Fir Cir., Babbitt, MN 55706-1220

FOR SALE: N.O.S. U.S.A. 5AR4 - \$50. 6V6GTB - \$15, 71A - \$30, following used good, WD11 - \$50, 6E5 - \$12, 6U5 - \$18, 45 - \$30, 281 - \$40, 6CA7 Siemens - \$40, 6L6GA - \$20, 6L6GC - \$20, 6L6G - \$18, 80 - \$8, 41 - \$4, 42 - \$6, 6F6G - \$10, 6V6GT - \$8, James S. Lopaz, 5467 S. 975 E, Ogden, UT 84405. (602) 373-4002

One Month Free!

BONUS FOR EARLY RENEWALS

If you renew before the month shown on your mailing label (your expiration month), you will receive an extra month on your subscription: 13 months instead of 12! 26 months for an early 2-year renewal!

FOR SALE: Motorola Model R-1004A 15MHz dual trace oscilloscope with original manuals, exc cond. - \$125 includes shipping. John Snow, 1910 Remington Ct., Andover, KS 67002. (316) 733-1856

FOR SALE: Overstock of tubes, needles, parts, data, radios, phonographs, televisions, equipment. Ray Seppeler, Sunshine Radio, 8 East Main St., Sodus, NY 14551. (315) 483-8451. Web: www.SunshineRadioMuseum.org/collector

FOR SALE: Book, Principles of Radio, 1929 by Keith Henney - \$10. WANTED: Cabinets for RCA Model 9TX Series and RCA Model 45X Series table radios, Bakelite or wood. Jim Ligouri, 7 Sycamore Ct., Atkinson, NH 03811. E-mail: jiligouri@aol.com

New Wireless Pioneers

Books, Magazines, Literature Bought and Sold

New Wireless Pioneers buys and sells books, catalogs, magazines and other literature from the 1800's to 1950 that deal with early radio, wireless and electricity. A selection from our list of specialties:

Pre-1900 Electricity • Pre-1900 Telegraphy • Pre-1925 Radio or Wireless
Pre-1940 Television • Pre-1950 Computers • Early X-Ray

Magazines, Catalogs, Autographs or Ephemera related to the above topics. Also: Pre-1920 Wireless and Telegraph Apparatus - Radio-Related Novelties and Advertising - Early Vacuum Tubes and Electrical Devices.

Some items available in other technical subject areas also.

Several catalogs featuring items for sale are published each year.

**NOTE: NEW
ADDRESS &
TELEPHONE
NUMBERS**

**New Wireless Pioneers - Jim & Felicia Kreuzer
1541 Bronson Rd., Grand Island, NY 14072
Phone: (716) 773-4999 Fax: (716) 773-5757
wireless@pce.net www.marconi-wireless.com**



Radiofest 2009

July 30 – August 1

Thursday – Friday – Saturday



Willowbrook Holiday Inn

7800 South Kingery Hwy (Rte 83 & I-55)
Willowbrook, IL 60527

THURSDAY

- Setup Day (NO SALES)
- Main Auction 6:30pm Followed By Free Party For ARCI Members
- Pre-Registration Packets Available After 5pm

FRIDAY

- Radiofest Opens
- 7am Registration
- Flea Market All Day
- Chicago's WLS Radio
- History of QSL Cards
- Ham Radio Forum
- 3 Hour Restoration Clinic
- Special Event Ham Radio Station All Day
- Hospitality Tent All Day
- Hotel Food Service

EQUIPMENT CONTEST

- Premiums From The Golden Age of Radio
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FOR SALE/TRADE: Consider mere paper dollars! Collins KWM 2 transceiver, 516 F2, power supply w/ speaker & case, winged emblem, SM 2 mic & manual; Collins 51, S1, nice; Collins 62 S1, nice, rare; Drake TRM marine SSB radio telephone transceiver, new in box, w/manual, very rare; Drake TR 7, PS 7, exc, in orig. boxes!; National SW3 some coils; National NC 1-10, all coils!; U.S. Navy GP 7 transmitter, orig. w/tubes, 80 meter tuning unit; Scott superhet from 1920s; Collins 12Z tube mixer from WHO; RCA 36" light-up meatball, exc. **WANTED:** Dynamotors DY 12, DY 17 & bottom mounting for ART 13; any 800 cycle Dynamotors; generators; inverters. Always buying: vintage broadcast mics; stands; tube pre's; amps; compressors; recording gear. Cash or trade for above! Ward Kremer, K14JHA, 57262 Poppy Rd., South Bend, IN 46619. Ph./fax: (574) 204-2877. E-mail: witzend99@comcast.net. Web: www.radioattic.com/kremer

FOR SALE: Military radio manuals, test equipment manuals. Visit our web page at www.beqbooks.com and click on Radio Manuals on the main page. Call toll free if questions. Bequaert Old Books, PO Box 775, Fitzwilliam, NH 03447. (888) 447-5037. E-mail: info@beqbooks.com

FOR SALE: Philco Model 20 Deluxe cathedral - \$250. David Sacco, 223 Deerfield Dr., Rochester, NY 14609. (585) 654-8146. E-mail: dsaccoroch@aol.com

FOR SALE: RF generator AN/URM-26A - \$40. Rolls Royce 22863 - \$15. (2) Motorola 56X1 and 56X2 - \$45 ea. (2) Zenith 7-H-822 - \$30 ea. GE 440 - \$30. Dumont 304-A scope - \$50. Philco 40-120 - \$40. Emerson 510 - \$50. Lafayette MKV1 7-band - \$50. (2) Sony TFM-7720 - \$10 ea. GE Musaphonic - \$20. Grundig 87 - \$30. Automatic CL-152 - \$30. Silvertone 6044 - \$20. Paul Lisowski, 5603 E. 100 N, Knox, IN 46534. (574) 772-2021



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FOR SALE: EE8 field phone - \$30. TS-15-A hand set - \$5. 8-track player with 10 tapes - \$30. Crosley CR-2 Collectors Edition radio - \$15. Sears/Penske automotive analyzer, Model 161.21042 with manual, near mint - \$20. Large Cardwell var. cap. lg 11" x w 5", 3/8" dia. shaft, 3/8" plate spacing - \$35. N.O.S. UTCS-33 choke, 8hys, 300 mA - \$40. N.O.S. Mallory 25000 mfd., 75 Vdc cap. - \$5. Choke Philco p/n 32-7056N - \$10. AF xfor, all American R-15, 5-1 ratio, in original box, needs repair, B+ side open - \$3. Anchor TV booster, Old Timer, use with converter box & rabbit ears for digital reception - \$15. All plus shipping. Harry M. Books, Jr., W3PSU, 699 Red Mill Rd., Eters, PA 17319. (717) 938-6694

FOR SALE: Motorola solid-state digital tone generator Model S-1333B. Crystal oscillator accuracy and stability, exc to like new with manual - \$85 plus shipping. John Snow, 1910 Remington Ct., Andover, KS 67002. (316) 733-1856

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FOR SALE: The repair/replacement of meters prior to 1930 will be phased out. Now is the time to buy! No lists. Old Meter Cellar, Leonard W. Cartwright, 16730 N.W. Pebble Beach Way, Beaverton, OR 97006. (503) 690-0472. E-mail: lencartwright@msn.com

FOR SALE: Books: FM Multiplexing for Stereo by Feldman; Building Power Supplies by Lines; Quick-N-Easy Electronic Projects by Greene; 29 Electronic Projects For Your Home, Car & Workshop by Marks; How to Build Hidden, Limited-Space Antennas That Work by Traister; Audels 1931 New Electrical Library - all for only \$5 plus postage. Rich Stamer, Sound Remedy Loudspeaker Repair Service, 331 Virginia Ave., Collingswood, NJ 08108. E-mail: soundremedy@aol.com

FOR SALE: Pre-moving sale of 12 year old radio repair shop in central Texas. I have many hundreds of more or less complete radios and just as many chassis I need to find a home for. Most are super cheap. Some shutterdial chassis. Pickup only. E-mail me for photos of the lot. Sorry, don't have time to answer about individual parts or chassis. It will be worth your while to visit. No phone calls please. Steve Kuhn, 503 E. Market St., Lockhart, TX 78644-2809. E-mail: stephen@neonradio.com. Web: www.neonradio.com

WANTED: Test leads for RCA Channelyst. One or complete set. Will pay cash. George L. Reese, 380 9th St., Tracy, MN 56175. (507) 629-4831

WANTED: Meter for Hickok 600-A tube tester. John Snow, 1910 Remington Ct., Andover, KS 67002. (316) 733-1856

WANTED: WWII transmitter used for B-17 bomber communication, long range, BC-459, or BC-455, or BC-454, and matching ARC-5 receiver. Roger Simmons, N8VQ, PO Box 224, Gloucester Point, VA 23062. (804) 642-2076

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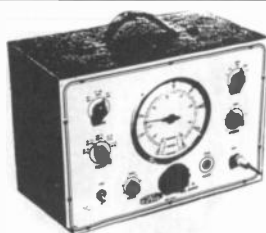
WANTED: 2" diameter, 270-0 vernier dial, black Bakelite. Heath Radio & Elec. Mfg. Co. Richard Gentry, PO Box 82032, Phoenix, AZ 85071. E-mail: gr4@msn.com

WANTED: Working and in good condition Automatic Radio #601 or #602, RCA portable RCA 6BX6B. J. David Baldinelli, 765 S. Mammoth Rd., Manchester, NH 03109-5012. (603) 627-2738

WANTED: Tube hi-fi/commercial sound equipment tubes: Altec, Fisher, Scott, Pilot, Eico, Marantz, Dynaco, Leak, Quad, Tannoy, Western Electric, etc. Sonny Goldson, 520 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: SonnySound@aol.com

WANTED: Eico or Westinghouse rotary inverter Type G1025A or G1073A 26-volt DC input, 19 volt AC output. Steve Antol, 4249 Orchard St. Rear, Philadelphia, PA 19124. (215) 744-1506

WANTED: Atwater Kent tombstone radio Model 608. Needs to be in restorable condition. Contact: Charlie Poplin, 3518 Courtland Dr., Durham, NC 27707. E-mail: popawapado1@yahoo.com



WANTED: Manual and schematic for Triumph RF generator, Model 130. South Bay Radio, 7187 Lakeshore Rd., Cicero, NY 13039. (315) 699-7341

WANTED: Mono tube preamp for use with Heathkit W4 AM amplifier, e.g. Heath preamp WA-P2 or similar Dynakits or Eico. A. David Wunsch, 111 Louise Rd., Belmont, MA 02478. (617) 489-0079. E-mail: adwunsch@gmail.com

WANTED: Pictures and literature on a 1940/41 Mitchell Lullaby bed lamp radio. It has the two knobs on the side of cabinet and no reading light switch coming out of the front of cabinet. Must have proof that it is a Mitchell. Richard Arnold, PO Box 275, Lone Grove, OK 73443. (580) 657-3319. E-mail: amold@brightok.net

WANTED: Commercial coil winder, wire, old radios and parts, record changers and phono parts. Zenith and Philco consoles. E-mail photos and information. West-Tech, 615 Fairground St., Caldwell, OH 43724. (740) 732-6056. E-mail: westtechservices@yahoo.com. Web: www.west-techservices.com



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FOR SALE: N.O.S. RCA 7JP4 CRT, in original carton, tests as new - \$250. Used in many 1940s 7-inch TV sets. Charles Harper, 2000 Jackstown Rd., Paris, KY 40361. (859) 484-9393. E-mail: charper@kyk.net

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FOR SALE: Telephone The First Hundred Years, 1976, 369 pages, softcover, vg - \$10 ppd. Henry C. Loos, 542 Tomahawk Ct., Palm Beach Gardens, FL 33410. (561) 352-8172. E-mail: hcloos@comcast.net

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8157 Garman Rd., Burbank Ohio (Exit 204 off I-71)
then south on SR #83 to the Love's Truck Stop, turn left
onto Garman Rd. and follow 7/8 of a mile to the auction site.

Due to weather conditions this past winter, we were unable to get the bulk of the James Fred estate, so we have scheduled it for our June 20th sale. The collection consists of all types of radios and radio parts and items. We will be offering a selection of battery sets and early type speakers, horn speakers, cone speakers, and mantle speakers, a nice selection of tombstone and cathedral radios also. Lots of small wood and Bakelite radios, several Zenith Trans-Oceanics, nice variety of tubes to include early types and a selection of amateur radio transmitting tubes. Many pieces of radio test equipment tube testers, audio & signal generators, scopes, VTVMs. lots of literature and radio books and magazines, some sales catalogs. We will also be offering amateur radio items. Also, amateur receivers, transmitters, SWR meters, call books. Amateur handbooks and more. A complete set of Rider manuals, many console style radios and several old televisions. All in all another good sale. We hope you will plan on attending. We also look forward to seeing you at the summer swap meets. Remember we need to support all of various radio clubs and keep this part of our history alive and growing. Early sale: from 8:30 am until 10 am. Terms: Cash, check, Visa, MC. 5% gallery fee.

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FOR SALE: General Radio 716-C capacitance bridge/manual copy – \$180. Leeds & Northrup ballistic galvanometer – \$100. GE 0-5AAC, working analog laboratory ammeter – \$10. Shipping extra. Ross Wollrab, 229 N. Oakcrest Ave., Decatur, IL 62522-1810. (618) 210-9001

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FOR SALE: Eico GDO, w/original box, coils – \$60. Philco 620F console – \$50. Zenith 7S682 console – \$100. 6550 (KT-88) tubes. Carter Elliott, 1460 Pinedale Rd., Charlottesville, VA 22901. (434) 566-8767. E-mail: celliott14@aol.com

FOR SALE: Zenith, chassis only, Model 861 tubes & knobs, no spkr, untested – \$45. Zenith chassis, spkr, antenna, dial glass Model 10S690 – Call. Motorola car radio Model 401, 1936?? tuning head & cables – \$35. Sony R-R TC352D, mike & manual – \$75. RCA 45, 8EY 31 – \$55. Newcomb E10A, 2 mikes – \$40. All plus shipping. Robert Rossi, 10936 Melbourne Ave., Allen Park, MI 48101-1184. (313) 386-8321

FOR SALE: New old stock Hopalong Cassidy Arvin Model 441T embossed and painted paper backed foil fronts. Either rearing or standing Topper styles – \$125 ea. Jack Gray, 1162 Broadmoor Dr., Napa, CA 94558. E-mail: trustmej@aol.com

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FOR SALE: German radios large and small, table and floor. Send SASE to Howard Felder, 7517 Granada Dr., Bethesda, MD 20817

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FOR SALE: Antique radio schematics – \$3, TV – \$5 ppd. Joseph R. Forth, 119 Long Vue Acres Rd., Wheeling, WV 26003. (304) 277-3154. E-mail: wa2trt@1st.net

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FOR SALE: N.O.S. used tubes, other N.O.S., used electronic parts. Alan Batson, 32117 S. Autumn Ct., Laurel, DE 19956. (302) 280-6563. E-mail: roal311@comcast.net

FOR SALE: See items in old ads and new at radioexchange.net sold by richsequip, most listed under test equipment with photos & detailed descriptions, many seldom offered for sale & going back as far as 1936. Richard Flaws, 212 Mondovi Dr., Oswego, IL 60543. (630) 554-9207, before 9 pm CT

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WANTED: Metal bezel dial cover for Emerson 169 or 117, brown Bakelite knobs for Emerson 540A. Jim Elsbury, 17 Ponderosa Ct., Nora Springs, IA 50458. (641) 425-8589, day; (641) 749-2264, evening. E-mail: jimkay@omnitelcom.com

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WANTED: Front knobs for a Zenith 10-S-669 console. Contact: Ron Enos, 4044 W. Mescal St., Phoenix, AZ 85029. E-mail: bullpup81@yahoo.com

WANTED: Before you trash those old tubes, call me and I'll find them a home. Jeff Arndt, 4021 South Parker Way, DePere, WI 54115. (920) 323-6789

WANTED: RF coil or parts radio, Stromberg-Carlson Model 130U or any Model 130. Call: Paul T. Cormier, 41 Mayland St., Fitchburg, MA 01420. (978) 516-8030 or Eric (978) 345-0183. E-mail: pc4250@verizon.net

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WANTED: RCA manual to 1960 you are going to throw away. Paying postage. Larry Cook, 362 E. South St., Richland Center, WI 53581

WANTED: Collector buys studio audience tickets for network radio and TV broadcasts, 1930-1980. Also buying advertising signs and promotional materials related to network radio programs and personalities. Rick Payne, 974 Ridge Crest Dr., Gahanna, OH 43230. E-mail: oldtix@aol.com

WANTED: Good dial scale for Sentinel 108A cathedral. Dwight Baker, 2626 N.W. 17th St., Ankeny, IA 50023. (515) 965-0999. E-mail: vtaudio@hotmail.com

WANTED: Schematic diagram for my Air King (model unidentified) AM plus 6 to 17.5 KC. SW and using these six tubes: 6A7, 6D6, 75, 43, 25Z5, and Type 340 ballast. I also need the dial glass for this small tombstone set. Harvey E. Faulkner, PO Box 7260, Newark, DE 19714-7260. (302) 521-3683, cell

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FREE: Two complete TV chassis no cabinets Admiral (late forties) 12-inch round picture tube and Crosley (fifties) 17-inch. Also 16WP4 round picture tube with yoke and focus coil. Bob Knight, 3 Wesson Rd., Ashland, MA 01721. (508) 881-2611. E-mail: Knightra49@hotmail.com

MESSAGE: London Vintage Radio Club annual fleamarket, Saturday, June 13, 2009 at Hammond Manufacturing Co. Ltd., 394 Edinburgh Rd. North, Guelph, Ontario, Canada. 8 am - 12 noon (7 am is OK, too). Vendors \$10, admission free. We average 35-40 vendors. For more info visit www.lvrc.homestead.com. Pete Raidt, 36952 Bayfield River Rd., RR3, Clinton, Ontario, Canada NOM 1L0

MESSAGE: Tubes - all types. Buy and sell. Daily Electronics, PO Box 822437, Vancouver, WA 98682. (800) 346-6667. Fax: (360) 896-5476. E-mail: daily@wanet.com. Web: dailyelectronics.net

SERVICES: Repairs to vintage tube equipment including home receivers, phonographs and auto radios. South Bay Radio, 7187 Lakeshore Rd., Cicero, NY 13039. (315) 699-7341

SERVICES: West-Tech now offers antique radio repair from Admiral to Zenith. With the same reliable service we provide our phonograph repair personnel. Free reasonable estimates. West-Tech, 615 Fairground St., Caldwell, OH 43724. (740) 732-6056, M-F, 10-5 ET. E-mail: westtechservices@yahoo.com. Web: www.west-techservices.com

SERVICES: Antique Radio of Iowa, experienced collector, will repair your home tube radios and auto, 30s thru 60s (no foreign), speaker service, cabinet restorations and more! PayPal welcome. Communicate first. Don Nordboe, 3131 Avenue A, Council Bluffs, IA 51501-1948. (712) 322-2255, CDT. E-mail: dnordboe@aol.com. Web: www.antiqueradiofiowa.com

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June '84 to Sept. '86: Photocopies available
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SERVICES: Glayzit Bakelite restorer. Will bring back the shine on almost any condition Bakelite radio case - \$10.99 per can + \$4 shipping. Go to Radiotiques.com or send \$14.99 to: Jeff Goldstein, 4 Curry Ct., Wilmington, DE 19810

SERVICES: Tubes, parts, supplies and literature. Your source for all your radio needs! Antique Electronic Supply, 6221 S. Maple Ave., Tempe, AZ 85283. (480) 820-5411. Web: www.tubesandmore.com

SERVICES: Battery eliminators built for you, standard specs: "A" 1.5 to 7.5 volts @ 1.5 amps adjustable, "B" 22, 45, 67, 90, 135 50 mA max, "C" 0-22 volts adjustable, all fully regulated. Built on breadboard with on-off switch with red pilot light with brass thumbscrew terminals. Joseph L. Chambers, 6967 Kimberly Ln., Lithia Springs, GA 30122. (770) 819-0822. E-mail: thelithialab@att.net

SERVICES: Will repair, refinish or restore your vintage tube type radios and audio equipment to their former state of soundness! Please contact me first for more info and estimates. Radio Revival, 181 Stony Ridge Ln., Bonnots Mill, MO 65016. (573) 897-4121. E-mail: radiorevival@osageconnect.net

SERVICES: All American Five-Tube, table radio restoration specials - \$49.99. 6-Tube - \$59.99. Other flat rate restorations for larger radios, car radios & TVs. Call for details. Dave's Antique Radio and TV Restorations, PO Box 285, Liverpool, NY 13088-0285. (315) 457-5099. E-mail: dave2@dreamscape.com or dave2@tubesandtransistorsandmore.com. Web: www.dreamscape.com/dave2/daves.htm or tubesandtransistorsandmore.com or www.davesantiqueradio.com

SERVICES: Professional restoration of antique radios and vintage hi-fi. Repairs, upgrades & detailing. Mike Urban, 58 Naugatuck Ave., Milford, CT 06460. (800) 594-4359. Web: www.urban-antiqueradio.com

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 - List of Books For Sale
 - Subscription Information
 - Links to Related Web Sites

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WANTED: I need the following Sams Photofacts to complete my collection: 92, 143, 161, 163, 174, 178, 186. Homer J. Myers, 1210 Bryant Ave., Walla Walla, WA 99362. (509) 525-6264

WANTED: Heath CR-1 crystal radio, preferably working with manual. I had one in 1959 and lost it. Gary Tyler, Intrinsic Sound, 1907 S. Broadway, Denver, CO 80210. (303) 778-6752

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WANTED: Farnsworth BC 105 in good condition. Harry Kazarian, Villa Del Rio, 309 Greenwich Ave. Apt. C-220, Warwick, RI 02886. (401) 732-5482

WANTED: Chassis for Airline console 93WG382, pushbuttons thumbwheel tuning eye or will sell cabinet only. Bill Drewes, 311 Brookridge Dr., Waterloo, IA 50702. (319) 233-4653

WANTED: Zenith Trans-Oceanic Model 7G605 parts or radios, any condition. Joe Kiser, 6160 S. Olathe St., Centennial, CO 80016. (303) 680-1589

WANTED: Selectone power unit uses 281 and 250 tubes. Richard Howarth, PO Box 79, Longlea, Victoria 3551 Australia 61-3-54397617. E-mail: rjradio@optusnet.com.au

WANTED: Old posters. Collector buying vintage movie, concert and radio posters, photos and related memorabilia. Also wanted jazz and blues 78 rpm records. Top \$\$\$ paid. Call toll free. Ralph DeLuca, 157 Park Ave., Madison, NJ 07940. (800) 392-4050. E-mail: ralph@ralphdeluca.com

WANTED: Crosley Pup, Knight Kit Spanmaster regenerative receiver and T150A transmitter, Allied, Heathkit and Lafayette Radio Catalogs 1954-1970, Heathkit 2 meter lunch box transceiver, Morse Code practice oscillator in black Bakelite case with built-in speaker and removable metal strip key circa 1964 (Eico?) Canadian ham radio exam books 1950-1970 era. Electronic items don't have to work but must be well built, complete, original, and in excellent shape (i.e. no scratches/wear on front plate). James Craft, 101 Carleton St., Saint John, New Brunswick, Canada E2L 2Z2. (506) 849-7787, evenings. E-mail: jcraft@nb.sympatico.ca

WANTED: Grebe Synchrophase, must be in good condition, pay - \$200. Gerard Faassen, Heideweg 1, 5953 T.L. Reuver, Holland. E-mail: faassenhuberts@hetnet.nl

WANTED: McGohan WA330A amplifier, Fisher 50C preamp, McIntosh MC3500/MI350 amplifier. Sean Brady, 3202 N. Manor Dr. W, Phoenix, AZ 85014. (602) 284-7000. E-mail: rosemanor@cox.net

WANTED: Speaker for Stewart-Warner radio Model 101 or 102, low voltage pars transformer. George Logan, 907 Towne Square Dr., Greensburg, PA 15601. (412) 837-5580

WANTED: AK 447 tombstone cabinet or complete set in any condition for cabinet parts. Joe Milano, 57 Hillcrest Dr., Wayne, NJ 07470. (973) 694-3721

WANTED: N.O.S. Delco auto radio parts, vibrators, tubes, transformers, volume controls. Hans Kleeman, 1070 Riviera Ave., Banning, CA 92220. (951) 845-4222

WANTED: Only the Rudolph figurine on Airline or Majestic novelty radio. Joseph DiCaro, 4155 Lastrada Hts., Mississauga, Ontario, Canada L5C 3V1. (905) 848-7759. E-mail: decoradio@primus.ca

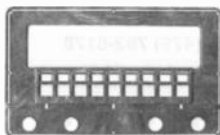
WANTED: Pointer for the tuning dial of my Crosley Model 52, the model type which has the larger cabinet to contain B batteries. Harvey E. Faulkner, Jr., PO Box 7260, Newark, DE 19714-7260. (302) 521-3683

WANTED: Silver-Marshall Model Y speaker with cord and plug. Ed Baugher, 710 Duncan Ave., Apt. 1422, Pittsburgh, PA 15237. (412) 366-5265

WANTED: Meter for Swan 350 transceiver. Steve VanSickle, 3010 Tibbits Ave., Troy, NY 12180. E-mail: WB2HPR@arrl.net

WANTED: Meter with transconductance scale for Western Electric KS-15750 (Hickok) tube tester. Walter L. Hughes, WB4FPD, 6 Academy Ct., Berryville, VA 22611. (540) 955-2635

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1941 models 41-250, 255, 256, 280, 285, 287, 290, 296, 610
1942 models 42-355, 42-355T, 42-380, 42-380X, 42-390, 42-390X



N. CAROLINA – May 30th

CAROLINAS CHAPTER / AWA

See Schedule on Website

Info: Ron Lawrence - (704) 289-1166

www.cc-awa.org

WASHINGTON – Jun. 6

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA - Queen Ann Library

400 W. Garfield • 2 pm

Info: REPS - (206) 488-9518 or

www.repsonline.org

OHIO – Jun. 2

ANTIQUE RADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave.

7 pm

Info: Karl Koogler - (937) 294-8960

karlkrad@siscom.net

NEW YORK – Jun. 7

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION

SWAP MEET & MEETING

Location: TBA

8 am - 1 pm

Info: Jim Koehler - (516) 623-0035

Rich Lee - (914) 589-3751

ONTARIO – Jun. 3

OTTAWA VINTAGE RADIO CLUB MEETING

Ottawa, Ont. - The Ottawa Citizen

Conference Room, 1101 Baxter Rd. • 7 pm

Info: OVRC - (613) 832-3097

www.ovrc.org

GEORGIA - Jun. 8

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA - Fire Mountain Rest.

Jimmy Carter Blvd.

6:30 pm

Info: Rich Rodgers - (678) 591-3619

www.sarsradio.com

ARKANSAS – Jun. 4

ANTIQUE RADIO COLLECTORS CLUB OF FORTH SMITH MEETING

Fort Smith, AR - First Baptist Church

1400 Grand Ave. 7:30 pm

Info: Paul Tucker - (479) 782-8178

MISSOURI - Jun. 9

ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS MEETING

Kirkwood, MO - Kirkwood Comm. Ctr

111 S. Geyer Rd., Room 201-A

7:30 pm Meeting, Show & Tell, Swap Table

Info: Joe Tauser - (314) 616-0745

joe@jtauser.com

CALIFORNIA – Jun. 6

CALIFORNIA HISTORICAL RADIO SOC. SWAP MEET/SPECIAL PRESENTATION

Berkeley, CA - KRE Building

601 Ashby Ave. 9 am

Info: CHRS Hotline - (415) 821-9800

www.californiahistoricalradio.com

NORTH CAROLINA - Jun. 9

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC - Sheppard Memorial Library

Meeting Room A, 530 Evans St. • 7 pm

Info: Herman Schnur - (252) 752-2264

Always Updating Club List

Please send A.R.C. the name, address, etc. of your club's contact person.

OHIO - Jun. 9

SOCIETY FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE (SPARK) MEETING

Kettering, OH - Parkview Comm. Center
4100 Glenheath • 7:30 pm
Info: Jeff Bothwell - (937) 854-7106
jbothwell@butlertownship.com

ILLINOIS - Jun. 13 & 14

DONLEY'S WILD WEST TOWN 34TH ANNUAL PHONOGRAPH & MUSIC BOX SHOW & SALE

Union, IL - Rte. 20 & S. Union Rd.
Sat. 9-5 pm - Sun. 10-3 pm - Preview Fri.
Info: (815) 923-9000
www.wildwesttown.com

PENNSYLVANIA - Jun. 9

DELAWARE VALLEY HIST. RADIO CLUB MEETING - SWAP - AUCTION

Telford, PA - Telford Community Building
Hamilton & Hamlin
7:30 pm
Info: Delaware Valley Historic Radio Club
PO Box 5053, New Britain, PA 18901
www.dvhrc.info

OREGON - Jun. 13

NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

Oregon City, OR - Abernethy Grange Hall
15745 S. Harley Ave.
Tailgate: 8:30 am - Meeting: 10 am
Info: www.nwvrs.org

ARKANSAS - Jun. 11

ARKANSAS ANTIQUE RADIO CLUB MEETING

Call for location and directions • 7 pm
Info: Tom Burgess - (501) 455-0773

OHIO - Jun. 13

SOCIETY FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE (SPARK)

AUCTION - SWAP - CONTEST

Dayton, OH - Holiday Inn South
2455 Dryden Rd.
8 am - 1 pm
Info: Ed App - (937) 865-0982
Dan Casey - (513) 265-8466

MARYLAND - Jun. 11-13

MID-ATLANTIC ANTIQUE RADIO CLUB RADIOACTIVITY 2009

Beltsville, MD - Sheraton Washington North
Sat. 9-5 pm - Sun. 10-3 pm - Preview Fri.
Info: Steve Hansman - (410) 974-0561
www.maarc.org

OKLAHOMA - Jun. 13

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK Hometown Buffet
3900 N.W. 63rd St.
6 pm: Dinner - 7 pm: Meeting
Info: Jim Collings - (405) 755-4139
jrclradio@cox.net - www.okvrc.org

NEW JERSEY - Jun. 12

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Princeton, NJ - The David Sarnoff Library
U.S. Route 1 7:30 pm
Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427
Join us on our live webcast: www.njarc.org

NEW MEXICO - Jun. 14

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM - Kaseman Presbyterian
Hospital
8300 Constitution Ave. (W. of Wyoming)
1:30 pm: Tailgate Swap Meet
2 pm: Program, Show & Tell and Auction
Info: Chuck Burch - (505) 286-9674
chuckBurch@aol.com
http://members.aol.com

CONNECTICUT - Jun. 13

VINTAGE RADIO & COMM. MUSEUM OF CT OUTDOOR SWAP MEET

Windsor, CT - 115 Pierson Ln.
8 am

Info: John Ellsworth - (860) 673-0518
radioclctr@aol.com

MARK YOUR CALENDAR

May 30 - NC, Spencer - CC-AWA Spring Meet
Jun. 2 - OH, Dayton - ARCO Meeting
Jun. 3 - Ont., Ottawa - OVRC Meeting
Jun. 4 - AR, Fort Smith - ARCC Meeting
Jun. 6 - CA, Berkeley - CHRS Meet
Jun. 6 - WA, Seattle - REPS Meeting
Jun. 7 - NY, Call - GNYVWA Meeting
Jun. 8 - GA, Norcross - SARS Meeting
Jun. 9 - MO, Kirkwood - ARCH Meeting
Jun. 9 - NC, Greenville - ECARC Meeting
Jun. 9 - OH, Kettering - SPARK Meeting
Jun. 9 - PA, Telford - DVHRC Meeting
Jun. 11 - AR, Call - AARC Meeting
Jun. 11-13 - MD, Beltsville - RadioActivity
Jun. 12 - NJ, Princeton - NJARC Meeting
Jun. 13 - CT, Windsor - VRCM of CT Meet
Jun. 13 - OH, Dayton - SPARK Meet
Jun. 13-14 - IL, Union - Phonograph Show
Jun. 13 - OK, Midwest City - OVRC Meet
Jun. 13 - OR, Oregon City - NWVRS Meeting
Jun. 14 - NM, Albuquerque - NMRCC Meet
Jun. 14 - NY, Suffern - HARPS Meet
Jun. 14 - TX, Schertz - TARC Meeting
Jun. 15 - FL, Jacksonville - JARS Meeting
Jun. 16 - CA, Shingle Springs - CHRS-Sac Mtg
Jun. 17 - OH, Columbus - COARA Meeting
Jun. 17 - OH, Cincinnati CARS Meeting
Jun. 18 - OK, Catoosa - HLARA Meeting
Jun. 19 - NY, Highland Falls - HARPS Meeting
Jun. 20 - OH, Burbank - Estes Auction
Jun. 20 - TX, Irving - VRPS Meeting
Jun. 21 - IL, Wheaton - ARCI/6-Meter Club/Meet
Jun. 21 - WA, Seattle - PSARA Meeting
Jun. 22 - AL, Birmingham - AHRS Meeting
Jun. 26-27 - OH, Cincinnati - CARS Radorama
Jun. 27 - TX, Houston - HVRA Meeting
Jun. 28 - NY, Schenectady - SARC Meeting
Jul. 2 - AR, Fort Smith - ARCC Meeting
Jul. 5 - NY, Call - GNYVWA Meeting
Jul. 7 - OH, Dayton - ARCO Meeting
Jul. 9 - AR, Call - AARC Meeting
Jul. 9-11 - MI, Lansing - Extravaganza '09
Jul. 10 - NJ, Princeton - NJARC Meeting
Jul. 11 - OK, Oklahoma City - OVRC Meeting
Jul. 11 - OR, Oregon City - NWVRS Meeting
Jul. 12 - CO, Call - CRC Meeting
Jul. 12 - NM, Albuquerque - NMRCC Meet
Jul. 13 - GA, Norcross - SARS Meeting
Jul. 14 - MO, Kirkwood - ARCH Meeting
Jul. 14 - NC, Greenville - ECARC Meeting
Jul. 14 - OH, Kettering - SPARK Meeting
Jul. 14 - PA, Telford - DVHRC Meeting
Jul. 16 - OK, Catoosa - HLARA Meeting
Jul. 17-18 - WV, Huntington - MRT Meet
Jul. 18 - CA, Berkeley - CHRS - Live! at KRE
Jul. 18 - TX, Irving - VRPS Meeting
Jul. 18 - TX, Kyle - TARC Meeting
Jul. 19 - MD, Davidsonville - MAARC Meeting
Jul. 19 - TN, Memphis - MARC Meeting
Jul. 19 - WA, Seattle - PSARA Meeting
Jul. 19 - WI, Milwaukee - WARC Meet
Jul. 20 - FL, Jacksonville - JARS Meeting
Aug. 20-23 - NY, Rochester - AWA Conference

NEW YORK - Jun. 14

HUDSON VALLEY ANTIQUE RADIO & PHONO SOCIETY ANNUAL SWAP MEET

Suffern, NY - Episcopal Church
65 Washington Ave.

8 am setup - 9 am to 4 pm open

Info: Rev. Dale Cranston - (845) 357-1615

Richard Lee - (914) 589-3751

radiorich@prodigy.net

TEXAS - Jun. 14

TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX - VFW Hall

2:30 pm

Info: Ed Engelken - EdEngel@gvtc.com

(830) 899-3864

www.gvtc.com/~edengel/TARC.htm

FLORIDA - Jun. 15

JACKSONVILLE ANTIQUE RADIO SOC. MEETING

Jacksonville, FL - Countryside Village
Clubhouse, 10960 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332

www.jarsradioclub.com

CALIFORNIA - Jun. 16

CALIFORNIA HISTORICAL RADIO SOC. SACRAMENTO CHAPTER - MEETING

Shingle Springs, CA - 3755 Durock Rd.

7 pm

Info: Bob Moore - remoore@directcon.net

www.californiahistoricalradio.com

OHIO - Jun. 17

CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING

Columbus, OH - DeVry Institute of Tech.
1350 Alum Creek Rd., I-70 Exit 103B

7:30 pm

Info: Barry Gould - (614) 777-8534

Chuck Davis - (614) 792-6237

http://members.tripod.com

DOES YOUR CLUB HAVE A WEB SITE?
SEND IT TO: ARC@ANTIQUERADIO.COM

OHIO - Jun. 17

CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Westchester, OH - National Voice of America Museum of Broadcasting
8070 Tylersville Road • 7 pm
Info: Bob White - (513) 385-8291

OKLAHOMA - Jun. 18

HEARTLAND ANTIQUE RADIO ASSOC. MEETING

See Website for meeting location * 7 pm
Info: Dan Wellacher - 620 Spunky Rd.
Catoosa, OK 74015
www.hlara.org

NEW YORK - Jun. 19

HUDSON VALLEY ANTIQUE RADIO AND PHONO SOCIETY MEETING

Highland Falls, NY - Art Kingsley Residence
7-9 pm (call to confirm details)
Info: Art Kingsley - (845) 446-4091

TEXAS - Jun. 20

VINTAGE RADIO & PHONOGRAPH SOC. MEETING

Irving, TX - Senter East Building
9 am - 12 Noon
Info: George Potter - (972) 353-4862
vrps@sbcglobal.net - www.vrps.org

OHIO - Jun. 20

ESTES AUCTIONS RADIO AUCTION

Burbank, OH - Expo Auction Center
8157 Garmon Rd., Exit 204 off I-71
10 am

Info: (888) 769-4992 - Fax: (330) 769-4116
www.estesauctions.com

ILLINOIS - Jun. 21

ANTIQUE RADIO CLUB OF ILLINOIS SWAP MEET COMBINED/6-METER CLUB

Wheaton, IL - DuPage County Fairgrounds • 7 am
Info: www.antique-radios.org
clubinfo@antique-radios.org

WASHINGTON - Jun. 21

PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA - Shoreline Museum
749 N. 175th & Linden Ave.
10 am - 12 Noon: Tailgate Swap
12 Noon: Meeting, Program, Show & Tell
Info: Pete Peterson - (425) 747-1323
<http://www.eskimo.com>

ALABAMA - Jun. 22

ALABAMA HISTORICAL RADIO SOC. MEETING

Birmingham, AL - Alabama Powe Bldg.
Parkway East
7 pm
Info: Dave Cisco - (205) 822-6759
www.alabamahistoricalradiosociety.org
E-mail: historicalradio@aol.com

OHIO - Jun. 26 & 27

CINCINNATI ANTIQUE RADIO SOCIETY RADIORAMA

Cincinnati, OH - Site of former Voice of America
Fri.: 4-8 pm; Sat.: Swap Meet at Dawn
Info: Bob White - (513) 385-8291
Bob Sands - (513) 858-1755

TEXAS - Jun. 27

HOUSTON VINTAGE RADIO ASSOC. MEETING

Houston, TX - Bayland Park Comm. Ctr.
6400 Bissonnet at Hilcroft
9:30 - 12 Noon
Info: Bill Werzner - (713) 721-2242
mingqi53@sbcglobal.net
www.hvra.org

NEW YORK - Jun. 28

SCHENECTADY ANTIQUE RADIO CLUB MEETING

Schenectady, NY - Schenectady Museum & Planetarium, Knott Terrace
Flea Market: 1:30 pm - Meeting: 2 pm
Info: David Ellers - (518) 326-6042
<http://dadellers.tripod.com>

SUBMISSION DEADLINE: 5TH OF MONTH

ARKANSAS - Jul. 2

ANTIQUÉ RADIO COLLECTORS CLUB OF FORT SMITH MEETING

Fort Smith, AR 1st Baptist Church
1400 Grand Ave. 7:30 pm
Info: Paul Tucker - (479) 782-8178

NEW YORK - Jul. 5

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET & MEETING

Locations: TBA 8 am - 1 pm
Info: Jim Koehler - (516) 623-0035
Rich Lee - (914) 589-3751

OHIO - Jul. 7

ANTIQUÉ RADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave.
7 pm
Info: Karl Koogle - (937) 294-8960
E-mail: karlkrad@siscom.net

ARKANSAS - Jul. 9

ARKANSAS ANTIQUÉ RADIO CLUB MEETING

Call for location and directions
7 pm
Info: Tom Burgess - (501) 455-0773

MICHIGAN - Jul. 9-11

MICHIGAN ANTIQUÉ RADIO CLUB EXTRAVAGANZA '09

Lansing, MI - Causeway Bay Hotel
6860 S. Cedar St. (formerly Holiday Inn South)
2-Day Flea Market, Sat. Auction,
Equip. Contest, Programs
Info: Mark Goodwin -
mrkgoodwin@comcast.net
www.michiganantiqueradio.org

NEW JERSEY - Jul. 10

NEW JERSEY ANTIQUÉ RADIO CLUB MEETING

Princeton, NJ - The David Sarnoff Library
U.S. Route 1 7:30 pm
Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427
Join us on our live webcast: www.njarc.org

OKLAHOMA - Jul. 11

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK Hometown Buffet
3900 N.W. 63rd St.
6 pm: Dinner - 7 pm: Meeting
Info: Jim Collings - (405) 755-4139
jrcradio@cox.net - www.okvrc.org

OREGON - Jul. 11

NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

Oregon City, OR - Abernathy Grange Hall
15745 S. Harley Ave.
Swap: 8:30 am - Meeting: 10 am
Info: www.nwvrs.org

COLORADO - Jul. 12

COLORADO RADIO COLLECTORS MEETING

Call David Boyle for details
1-4 pm
Info: David Boyle - (303) 681-3258

NEW MEXICO - Jul. 12

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM - Kaseman Presbyterian
Hospital
8300 Constitution Ave. (W. of Wyoming)
1:30 pm: Tailgate Swap Meet
2 pm: Program, Show & Tell and Auction
Info: Chuck Burch - (505) 286-9674
chuckBurch@aol.com
<http://members.aol.com>

GEORGIA - Jul. 13

SOUTHEASTERN ANTIQUÉ RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA - Fire Mountain Rest.
Jimmy Carter Blvd.
6:30 pm
Info: Rich Rodgers - (678) 591-3619
www.sarsradio.com

Changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time especially for events which are new to you.

MISSOURI - Jul. 14

ANTIQUÉ RADIO COLL. & HIST. SOC. OF GREATER ST. LOUIS MEETING

Kirkwood, MO - Kirkwood Comm Ctr
111 S. Geyer Rd. Room 201-A
7:30 pm

Meeting - Show & Tell - Swap Table
Info: Joe Tauser - (314) 616-0745
joe@jtauser.com

WEST VIRGINIA - Jul. 17-18

MUSEUM OF RADIO & TECHNOLOGY SUMMER TRADERS SHOW & AUCTION

Huntington, WV - 1640 Florence Ave.
Info: (304) 525-8890
E-mail: Lmcin79627@aol.com

NORTH CAROLINA - Jul. 14

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC - Sheppard Memorial Library
Meeting Room A
530 Evans St. 7 pm

Info: Herman Schnur - (252) 752-2264

CALIFORNIA - Jul. 18

CALIFORNIA HISTORICAL RADIO SOC. LIVE! AT KRE 2009 - FUNDRAISER

Los Altos Hills, CA - Foothill College
Lot 4 • 9 am

Info: CHRIS Hotline - (415) 821-9800
www.californiahistoricalradio.com

OHIO - Jul. 14

SOCIETY FOR THE PRESERVATION OF ANTIQUÉ RADIO KNOWLEDGE (SPARK) MEETING

Kettering, OH - Parkview Comm. Center
4100 Glenheath 7:30 pm

Info: Jeff Bothwell - (937) 854-7106
jbothwell@butlertownship.com

TEXAS - Jul. 18

TEXAS ANTIQUE RADIO CLUB MEETING

Kyle, TX - Railroad BBQ
10:30 am

Info: Ed Engelken - EdEngel@gvtc.com
(830) 899-3864
www.gvtc.com/~edengel/TARC.htm

PENNSYLVANIA - Jul. 14

DELAWARE VALLEY HIST. RADIO CLUB MEETING - SWAP - AUCTION

Telford, PA - Telford Community Building
Hamilton & Hamlin
7:30 pm

Info: Delaware Valley Historic Radio Club
PO Box 5053, New Britain, PA 18901
www.dvhrc.org

TEXAS - Jul. 18

VINTAGE RADIO & PHONOGRAPH SOC. MEETING

Irving, TX - Senter East Building
9 am - 12 Noon

Info: George Potter - (972) 353-4862
vrps@sbcglobal.net - www.vrps.org

OKLAHOMA - Jul. 16

HEARTLAND ANTIQUÉ RADIO ASSOC. MEETING

See Website for meeting location
7 pm

Info: Dan Weilacher - 620 Spunky Rd.
Catoosa, OK 74015
www.hlara.org

MARYLAND - Jul. 19

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Davidsonville, MD - Davidsonville Rec Center
3727 Queen Anne Bridge Road

Tailgating: 11:30 - Meeting: 1:30 pm
Info: Geoff Shearer - (703) 818-2686
www.maarc.org

TENNESSEE - Jul. 19

MEMPHIS ANTIQUÉ RADIO CLUB MEETING

Memphis, TN - St. Timothy United Methodist
Church - 4105 St. Elmo Ave.

2 pm
Info: Ray Eaton - (731) 989-7089
marcmemphis@gmail.com

MENTION A.R.C. WHEN CONTACTING CLUBS!

RADIO CLUB LISTINGS

CLUBS: Send antique radio club and meet information to A.R.C. for free listing here, as space permits. Sorry, we don't have room for hamfests. Always send a SASE when writing to clubs!

ANTIQUE WIRELESS ASSOC.

Antique Wireless Association (AWA). PO Box 421, Bloomfield, NY 14469. Pub: *The AWA Journal*, quarterly. Dues: \$20 (U.S.A) \$25 (elsewhere). National annual conference and regional meets. Museum. www.antiquewireless.org

U.S.-BASED CLUBS

Alabama Historical Radio Society (AHR). PO Box 130307, Birmingham, AL 35213. Pub: *The Superflex*, monthly. Dues: \$20. Meetings, Every Sat. morning and 4th Mon. evening each month but Dec., annual show/swap meet. www.alabahistoricalradiosociety.org Don Kresge Radio Museum, Fairfield Civic Center, 6509 E.J. Oliver Blvd., Fairfield, AL.

Antique Radio Club of Illinois (ARCI). PO Box 1139, La Grange Park, IL 60526. Art Bilski, (630) 739-1060. Pubs: *ARCI News*, monthly, and "ARCI Update," periodically. Dues: \$15. Annual August Radiofest and bimonthly swap meets. www.antique-radios.org. clubinfo@antique-radios.org.

Antique Radio Collectors Club of Ft. Smith, Arkansas (ARCC). Paul Tucker, 4700 N. "N" St., Fort Smith, AR 72904. Dues: \$10. Monthly meetings, annual show.

Antique Radio Collectors of Ohio (ARCO). Karl Koogler, 2929 Hazelwood Ave., Dayton, OH 45419. Dues: \$10.

Antique Radio Collectors & Historians (ARCH) of Greater St. Louis. Joe Tauser, joe@jtauser.com. Dues: \$12. Monthly newsletter and meetings, annual picnic/swap meet. www.archradioclub.org

Arkansas Chapter/AWA. Arkansas Antique Radio Club (AARC). Tom Burgess, PO Box 191117, Little Rock, AR 72219. Dues: \$5. Monthly meets.

Arizona Antique Radio Club (AZARC). 1080 E. Pecos Rd., Suite 18, PMB 105, Chandler, AZ 85225-2426. Pub: *The Arizona Antique Radio Club News*, quarterly. Dues: \$10. Meetings, swap meets, Arizona Radio Roundup. www.azarc.org

Belleville Area Antique Radio Club (BAARC). Karl Stegman, 4 Cresthaven Dr., Belleville, IL 62221. Monthly newsletter. Dues: \$10. Monthly meetings.

Border Amateur Radio Club. Chris Roy, PO Box 372, Derby, VT 05829.

Buckeye Antique Radio and Phonograph Club (BARPC). Kevin Grimm, 1716 Chestnut Blvd., Cuyahoga Falls, OH 44223. Pub: *Soundings*, bimonthly. Dues: \$10. Monthly meetings, public mall show, March swap meet with PARS.

California Historical Radio Society (CHRS). CHRS, PO Box 31659, San Francisco, CA 94131. CHRS Hotline: (415) 821-9800. Steve Kushman, 4233 25th St., San Francisco, CA 94114. Pubs: *The Journal*, quarterly; *20 Years of CHRS, Hints & Kinks*, free with membership. Dues: \$20. 13 events per yr. www.californiahistoricalradio.com

CHRS/Sacramento Chapter (CHRS). PO Box 162612, Sacramento, CA 95816-9998. Pub: *The Announcer*, quarterly. Dues: \$10. Special meets, monthly meetings. www.californiahistoricalradio.com

Carolinas Chapter/AWA (CC-AWA). Ron Lawrence, PO Box 3015, Matthews, NC 28106. Pub: *Radio Daze*, quarterly. Dues: \$10. Quarterly swapmeets. www.cc-awa.org

Central Ohio Antique Radio Association (COARA). Barry Gould, 3782 Mill Stream Dr., Hilliard, OH 43026. Monthly meetings, January Cabin Fever swap meet. Dues: \$12. <http://members.tripod.com/~COARA/index.htm>

Central Pa. Radio Collectors Club. Frank Hagenbuch, 1045 Bonair Dr., Williamsport, PA 17701.

Cincinnati Antique Radio Society (CARS). Bob White (513) 385-8291. Monthly mtgs.

Collins Collectors Association (CCA). PO Box 10459, Phoenix, AZ 85064. Dues: \$20. www.collinsradio.com

Collins Radio Association (CRA). David Knepper, PO Box 34, Sidman, PA 15955. No dues. www.collinsra.com

Colorado Radio Collectors (CRC). David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. (303) 681-3258. Meetings and newsletter "The Flash", bimonthly starting in Jan. Dues: \$12. April Show & September Auction.

Cumberland Valley Radio Society (CVRS). HC-66 Box 1604, Barbourville, KY 40906. Weekly meetings, quarterly swap meets.

Delaware Valley Historic Radio Club (DVHRC). DVHRC PO Box 5053, New Britain, PA 18901. Pub: *The Oscillator*, monthly. Dues: \$15. Monthly meetings with swap meets, quarterly tailgate swaps. www.dvhrc.org

East Carolina Antique Radio Club (ECARC). Bill Engstrom, 218 Bent Creek Dr., Greenville, NC 27834.

Florida Antique Wireless Group (FAWG). c/o Radio Relics, 1987 Corporate Square, #151, Longwood, FL 32750. (407) 895-9075. E-mail: oldradio@cfl.rr.com.

Greater Boston Antique Radio Collectors (GBARC). c/o A.R.C., PO Box 2-W20, Carlisle, MA 01741. Informal org. Write to be put on mailing list. Annual meet in Feb.

Greater New York Vintage Wireless Association (GNVYWA). Chris Bacon, 52 Uranus Rd., Rocky Point, NY 11778. Pub: Meeting notices. Dues: \$4. Six meets/year and monthly meetings.

Heartland Antique Radio Association (HLARA). 6721 East 51st Pl., Tulsa, OK 74145. Dues \$12. See website for more info. www.hlara.org

Houston Vintage Radio Association (HVRA). PO Box 31276, Houston, TX 77231-1276. Membership info: Tom Burslem, tomburslem@yahoo.com. Pub: *The Grid Leak*, monthly. Dues: \$20. Monthly meetings and special regional events. www.hvra.org

Hudson Valley Antique Radio and Phonograph Society-AWA (HARPS). PO Box 207, Campbell Hall, NY 10916. Art Kingsley, (845) 446-4091. Dues: \$15. Monthly meetings, annual Old Time Radio & Phono Show.

Indiana Historical Radio Society (IHRS). 245 N. Oakland Ave., Indianapolis, IN 46201-3360. Pub: *IHRS Bulletin*, quarterly. Dues: \$15/1 yr.; \$25/2 yrs. Quarterly swap meets in various areas of state. www.indianahistoricalradio.org

International Antique Radio Club, World-Wide. Richard G. Brill, PO Box 5367, Old Bridge, NJ 08857.

Illinois Historical Radio Society (IHRS). Paul Johnston, 8592 N. Creek Rd., Roscoe, IL 61073

Iowa Antique Radio Club and Historical Society (IARCS). Dave Perkins, President. E-mail: spam_whole@yahoo.com. Pub: *IARCS Newsletter*, quarterly. Dues: \$10. Annual Radiofest. www.iowa-Antique-Radio-Club.com

Jacksonville Antique Radio Society (JARS). Sean Olin (904) 386-8332. oldradios@bellsouth.net. www.jarsradioclub.com

Louisiana & Gulf Coast Antique Radio Club. Phil Boydston, 750 Moore St., Baton Rouge, LA 70806

Memphis Antique Radio Club (MARC). President, Ray Eaton, 459 Second St., Henderson, TN 38340. Pub: Web newsletter, monthly. Dues: \$12. E-mail: MARCMemphis@gmail.com. Web: <http://members.tripod.com/marcradioclub/>

Michigan Antique Radio Club (MARC). Don Colbert, membership@michiganantiqueradio.org. Pub: *The Michigan Antique Radio Chronicle*, quarterly. Dues: \$20. Annual Extravaganza and other quarterly meets. www.michiganantiqueradio.org

Mid-America Antique Radio Club (MAARC). Claude Chafin, 4223 E. 42nd St. Way, Independence, MO 64055. Pub: *The Broadcaster*, quarterly. Dues: \$15. Semi-annual auctions and swap meets. <http://maarc1974.googlepages.com>

Mid-Atlantic Antique Radio Club (MAARC). Paul Farmer, PO Box 352 Washington, VA 22747-0352. Pub: *Radio Age*, monthly. Dues: \$20. Monthly meetings. www.maarc.org

Mid-South Antique Radio Collectors (MSARC). Allan Ferris, 2479 W. Bluebird Rd, Shepardsville, KY 40165. Pub: *Old Radio Time's*, quarterly. Dues: \$10. Two meets per year.

Military Radio Collectors Association (MRCA). Pete Hamersma, PO Box 467, Holderness, NH 03245.

Military Radio Collector's Group (MRCG). Hank Brown, 4141 West L-2, Lancaster, CA 93536.

www.syzen.com/milradio/

Museum of Broadcast Communications. 78 E. Washington, Chicago, IL 60602. Dues: \$30. www.mbcnet.org

Museum of Radio & Technology. 1640 Florence Ave., Huntington, WV 25701. www.MRTWV.org

Nashville Vintage Radio Club (NVRC). Larry Chambers, 514 E. Kings Rd., Smyrna, TN 37167. (615) 355-2005

Nebraska Antique Radio Collectors Club (NARCC). Steve Morton, 905 W. First, N. Platte, NE 69101. Pub: *Mountains 'N Plains* newsletter, 6/year. Dues: \$12. Monthly meetings Apr. to Oct. in W. Nebraska, annual auction in Kearney.

New England Antique Radio Club (NEARC). Info: (603) 898-4821. Charlie Perrett, 16 Sunset Rd., Salem, NH 03079-1704. Pub: *NEARC Radio News*, quarterly. Dues: \$12. Two swap meets/year in April and October.

New Jersey Antique Radio Club (NJARC). Phil Vourtsis, 13 Cornell Pl., Manalapan, NJ 07726. Pubs: *The Jersey Broadcaster*, monthly; *The Jersey Broadcaster*, flyer. Dues: \$15. Monthly meetings, three swap meets/year. www.njarc.org

New Mexico Radio Collectors Club (NMRCC). Charles Burch, 39 Chaco Loop, Sandia Park, NM 87047. Pub: *New Mexico Radio Collectors Club Newsletter*, quarterly. Dues: \$12. Annual Sale & Show and monthly meetings. <http://members.aol.com/NMRCC>

Niagara Frontier Wireless Association (NFWA). Gary Parzy, 135 Autumnwood, Cheektowaga, NY 14227. Pub: *NFWA Chronicle*, quarterly. Dues: \$9. Regional meets. Display at the Amherst Museum, Amherst, N. Y.

Northland Antique Radio Club (NARC). PO Box 18362, Minneapolis, MN 55418. Pub: *The NARC Newsletter*, four/year. Dues: \$10. Four meets (including 2 swap meets) per year and Radio Daze event. www.geocities.com/TelevisionCity/4544/

Northwest Vintage Radio Society (NWNRS). PO Box 82379, Portland, OR 97282-0379. Pub: *The Call Letter*, monthly. Dues: \$25. Monthly meetings. <http://nwnrs.org>

Oklahoma Vintage Radio Collectors Club, OK City Chapter (OKVRC). PO Box 50625, Midwest City, OK 73140-5625. Pub: *OKVRC Broadcast News*, monthly. Dues: \$12. Monthly meetings, spring and fall swap meets. <http://members.cox.net/okvrc/>

Pittsburgh Antique Radio Society, Inc. (PARS). 913 5th Ave. Patton, PA 16668. Pub: *The Pittsburgh Oscillator*, quarterly. Dues: \$10. Quarterly meetings, Spring Fever, and March meet. www.pittantiqueradios.org

Puget Sound Antique Radio Association (PSARA). PO Box 2095, Snohomish, WA 98291-2095. Pub: *The Horn of Plenty*, monthly. Dues: \$20. Monthly meetings & swap meets, Nov. show, & Aug. swap meet. www.eskimo.com/~hagen/psara

Radio Enthusiasts of Puget Sound (REPS). Bill Davies, 14911 Linden N., Seattle, WA 98133. Pub: *Air Check*, quarterly newsletter. Dues: \$18 (\$22 first year). Monthly meetings, annual Radio Showcase. www.reponline.org

Radio History Society, Inc. (RHS). Museum and library in Bowie MD. Rusty Wallace, Membership Chair, 1205 Gladstone Dr., Rockville, MD 20851. Quarterly newsletter. Dues: \$20. www.radiohistory.org

Roanoke Antique Radio Enthusiasts (RARE). Frank G. Smith, WPXR-TV 38, 3819 Bloomsboro Rd., Lynchburg, VA 24503.

Schenectady Antique Radio Club (SARC). David Eilers, Bldg. 20, Apt. 1, Corliss Park, Troy, NY 12182. Pub: *The Broadcaster*. Dues: \$3. <http://dadellers.tripod.com/>

Society for the Preservation of Antique Radio Knowledge (SPARK). PO Box 292111, Kettering, OH 45429. Dues: \$18. Annual Swap Meet, Monthly meeting, 7:30 pm Parkview Community Center, Centerville, OH. www.antiqueradios.com/spark

Society of Wireless Pioneers. PO Box 86, Geyserville, CA 95441. *The World Wireless Beacon*, quarterly; *Register*, bi-annually. Dues: \$15.

South Florida Antique Radio Collectors. Thomas Valenti, 2651 N.W. 19 Ave., Oakland Park, FL. Ph. (954) 662-3689.

Southeastern Antique Radio Society (SARS). Rich Rodgers, President, 113 Laurel Ridge Dr., Alpharetta, GA 30004. Pub: *Newsletter*, quarterly. Dues: \$12. Spring, Fall and Winter swap meets. Monthly dinner meetings, 2nd Monday of each month, in Norcross, GA. www.sarsradio.com

Southern California Antique Radio Fest (SCARF). c/o Jerry's Vintage Radio, 17665-1/4 Sierra Hwy., Canyon Country, CA 91351. Three swap meets a year — January, May and Sept. <http://home.pacbell.net/philbert/scarf/scarf.htm>

Southern California Antique Radio Society (SCARS). Membership: Mr. Robert Schoenbeck, 9301 Texhoma Ave., Northridge, CA 91325-2330. Pub: *California Antique Radio Gazette*, quarterly. Dues: \$20. Quarterly meets in L.A. area, mini meets, two-day November meeting, auctions. Visit website for upcoming event information <http://AntiqueRadios.org>

Southern Vintage Wireless Association (SVWA). Jim Makar, 8224 Bailey Cove Rd. SE, Apt. 9, Huntsville, AL 35802. Pub: *SVWA Newsletter*, 3/year. Dues: \$5. Three swap meets.

Texas Antique Radio Club (TARC). Jim Moffett, 218 Shannon Lee, San Antonio, TX 78216. Pub: *Lone Star Waveform*, monthly. Monthly meetings. www.gvcc.com/~edengel/TARC.htm

Texas Panhandle Vintage Radio Society (TPVRS). Eloy A. Heras, 4086 Business Park Dr., Amarillo, TX 79110. Dues: \$5. Quarterly meetings.

Tidewater Antique Radio Association (TARA). Vic Johnston, 7 Hillcrest Cir., Hampton VA 23666

Tri-State Antique Radio Club. Close to N.Y.C., all of N.J., Ct., L.I., upstate N.Y. and Pa. Bob Masterson, Box 172, Valley Cottage, NY 10989. Swap meets and education.

Tube Collectors Association. PO Box 636, Ashland, OR 97520. Pub: *Tube Collector*, 6 times a year. Dues: \$20. www.tubecollectors.org

Vintage Radio & Communications Museum (VRM). 115 Pierson Ln., Windsor, CT 06095. www.nationalcommunicationsmuseum.org

Vintage Radio & Phonograph Society (VRPS). George Potter, PO Box 165345, Irving, TX 75016. Pubs: *The Reproducer*, quarterly. *Soundwaves*, monthly between the quarterly. Dues: \$17.50. Monthly meetings, spring auction, annual convention, summer swap meet. www.vrps.org

W. Va. Chapter, AWA (AWA-WVC). Geoff Bourne, 405 8th Ave., St. Albans, WV 25177. Newsletter, monthly. Dues: \$25 (includes museum membership). Quarterly meets, monthly meetings, classes.

Wisconsin Antique Radio Club (WARC). Dale Boyce, 10230 W. Greenwood Ter., Milwaukee, WI 53224-3716. Dues: \$12. www.geocities.com/wj_arc

FOREIGN CLUB LISTINGS

(Dues, when listed, are for U.S. membership. A.R.C. would like to hear about other foreign antique radio clubs.)

Australia: Historical Radio Society of Australia (HRSA). Membership Secretary, PO Box 2283, Mt. Waverly, Victoria, 3149, Australia. Pub: *Radio Waves*, quarterly. Dues: \$35 Australian. Monthly Meetings. <http://hrsa.asn.au>

Australia: North East Vintage Radio Club. Monthly meetings at Wangaratta T.A.F.E. electronic unit. Info: Noel Meagher, 62 3149; Ian Milne, 62 5153; Rodney Champness, 62 1454 (all Benalla numbers).

Australia: Australia Vintage Radio Society. Monthly meetings, workshops, tech. assistance, etc. Bi-monthly newsletter. Overseas memberships are \$35pa + \$5 joining fee. AVRS Secretary, PO Box 3099, Syndal LPO, Victoria, Australia 3190. Web: www.avrs.org.au.

Belgium: Belgische Radio Club. Francois Marschang, Kromvendreef 53, B-2900, Schoten, Belgium.

Belgium: Vlaamse Liefhebbers Van De Historische Radiotechniek (VLHR). Rudi Sillen, Limberg 31, B-2230, Herselt, Belgium. Pub: *Retro-Radio*, quarterly. Dues: \$20.

Brazil: Antique Radios in Brazil. João Mello, PO Box 101, São Roque, Brazil 18130-000.

Canada: Canadian Vintage Radio Society (CVRS). CVRS, 4895 Mahood Dr., Richmond, British Columbia V7E 5C3. Pub: *Radio Waves*, bimonthly. Dues: \$17 U.S. (\$21 Canadian). Bimonthly meetings. www.canadianvintageradio.com

Alberta Chapter/CVRS, Rick Williams, Secretary CVRS Alberta, 9611 142 St., Edmonton, Alberta T5N 2M8. (British Columbia Chapter/CVRS, Fred Tutt, 4895 Mahood Dr., Richmond, B.C. V7E 5C3. Manitoba Chapter/CVRS, Bob Murray, 3216 Assiniboine Ave., Winnipeg, Manitoba R3K 0B1. New Brunswick Chapter/CVRS, W.H. Gentleman, 17 Maple Cresc., Rothesay, New Brunswick E2E 2A4. Newfoundland Chapter/CVRS, Tasker Squires, 11 Gulliver, St. John's, Newfoundland A1E 4K5. Nova Scotia Chapter/CVRS, Brian McKeigan, 4 Baird St., North Sydney, Nova Scotia B2A 2B3.

Ontario Chapter/CVRS, Bill Beaton, 79 Meadowlands Dr., Nepean, Ontario K2G 2R9. Saskatchewan Chapter/CVRS, Roy Sawley, Box 174, Melfort, Saskatchewan S0E 1A0. Yukon and NWT Chapter/CVRS, Hoby Irwin, 21 Hyland Cres., Whitehorse, Yukon Y1A 4P6.

Canada: Range Land Collecting Club. Doug Hart, 912 7A St. S, Lethbridge, Alberta T1J 2J2.

Canada: Society for the Preservation of Antique Radio in Canada (SPARC). Bruce C.E. Russell, 220-4411 Hastings St. E, Burnaby, British Columbia, Canada V5C 2K1. Pub: Periodic newsletters. Dues: \$12. Annual open house and show, periodic shows and displays, and museum. www3.bc.sympatico.ca/radiomuseum

Canada, Ontario: London Vintage Radio Club (LVRC). Dave Cantele, 42 Clematis Rd., North York, Ontario, Canada M2J 4X2. Pub: *LVRC Newsletter "The Loudspeaker,"* bimonthly. Dues: \$15 Canadian. Six meetings yearly. www.lvrc.homestead.com/index.html

Canada, Ontario: Ontario Vintage Radio Association (OVRA). <http://www.ovra.ca/>

Canada, Ontario: Ottawa Vintage Radio Club (OVRC). Box 84084, Ottawa, Ontario K2C 3Y9. Pub: *OVRC*, quarterly newsletter. Dues: \$10. Monthly meetings. www.ovrc.org

Canada, Quebec: Quebec Society for Vintage Radio Collectors (QSVRC). SQCRA, 224 Decelles, Brigham, Quebec, Canada J2K 4S5. Pub: *Radiophilie Quebec*, bimonthly. www.sqcra.qc.ca/maindex.html

Czech Republic: Historic Radioclub Ceskoslovensky (HRCS). Dr. F. Perina, Prika 3495, CZ 76000 Zlin, Czech

Republic.

England: British Vintage Wireless Society (BVWS). Mike Barker, Pound Cottage, Coate, Devizes, Wiltshire SN10 3LG, England. Pubs: *BVWS Bulletin*, quarterly; *BVWS Newsletter*, five times/year. Dues: £25. Meetings and swap meet.

England: Eddystone User Group (EUG). C/O Graeme Womaud, 15 Sabrina Dr., Bewdley, Worcestershire, DY12 2RJ, England. Pub: *EUG Newsletter*, 6 per year.

Finland: Radiohistorical Society of Finland. Jukka Heino, Viilarinkatu 5, FIN-87150, Kajaani, Finland. Pub: society magazine, quarterly. Meetings in October and March. www.srfs-fi.com/

France: Radiofil. Jacques Caumeau, Secrétaire general, 2 Rue de la Clairiere, 54425, Pulnoy, France. Email: secretaire-general@radiofil.com. Pub: *Radiofil Magazine*, 6 issues/year. Dues: euro 39/year. <http://www.radiofil.com>

France: Club Histoire et Collection Radio (CHCR). Chez Gilbert Gorin, 3 rue Capitaine H. Maizan, 80160 Plachy-Buyon, France. Pub: *Telegraphie et Telephonie Sans Fil Electricite Ancienne*, quarterly. Library. Annual May event in Riquewihr, Sept. Bar Le Duc event, meetings.

Germany: German Society of Wireless History. Prof. Otto Künzel, Belm Tannenhof 55, 7900 Ulm 10, Germany. Pub: *Funkgeschichte*, bimonthly.

Hungary: Hungarian Radio Collectors Club: Laszlo Koger, H-8900 Szekesfehervar Sajo U 9. Meetings twice a year, bi-monthly news.

Ireland: Irish Vintage Radio & Sound Society. Henry Moore, 9 Auburn Close, Killiney, Co. Dublin, Ireland. Quarterly newsletter. 26 weekly and six monthly meetings.

Israel: Antique Radio and Broadcasting Museum. Museum in Tel-Aviv. Bruno Pinto, 24 Remez St., #7, Tel-Aviv, Israel 62192

Italy: Associazione Italiana Radio d'Epoca (AIRE). Nerio Neri, President, Via de Pellicceria 23, 52100 Arezzo, Italy. Pub: *Boletтино-Notiziario*, bimonthly.

Japan: Antique Wireless Club (AWC). Noriyoshi Tezuka, JA1NTF, Secretary AWC, 1-11-2-403 Hiroo, Shibuyaku, Tokyo 150, Japan. Monthly meetings and newsletter.

Netherlands: Nederlandse Vereniging voor de Historie van de Radio (NVHR). Paulus Potterstraat 19, 6814 KT Arnhem, Holland. www.nvhr.nl

New Zealand: New Zealand Vintage Radio Society (NZVRS). David Crozier, 154 Grey St. Onehunga, Auckland, New Zealand 1006. *NZVRS Bulletin*, quarterly, monthly meetings. Dues: \$15.

Norway: Norwegian Historical Radio Society (NRHF) Mekanikerveien 32, N-0683 Oslo, Norway. Pub: *Hallo Hallo*, quarterly. Dues: \$40. Regular meetings every Tuesday Auctions - a couple of times per year. www.nrhf.no/nrhf-eng.html

Spain: Spanish Vintage Wireless Club (Asociación Cultural Amigos de la Radio). Rei Jaume, 55, 08840 Cardedeu, Spain.

Sweden: The Radio-Historical Society in West-Sweden. Anders Carlssons, Gata 2, 417 55 Göteborg, Sweden. Pub: *Audionen*. Amateur radio station: SK6RM. Museum.

Switzerland: Club der Radio-und Grammosammler (CRGS). Claude Meylan, Muehlemaattstrasse 25, CH-6004 Luzern, Switzerland. Quarterly newsletter.

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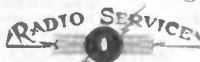
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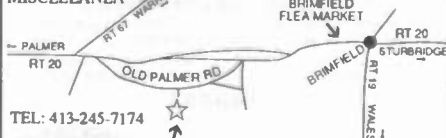
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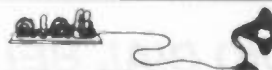
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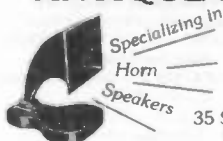
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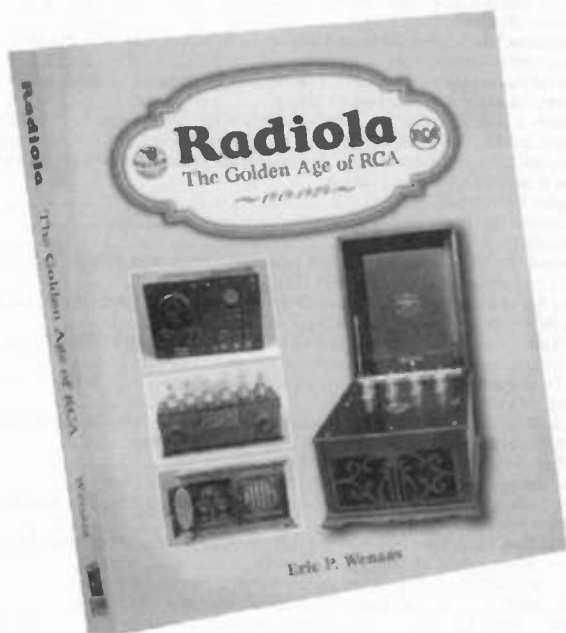


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(#40-Jun08)

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Ham Price Guide, 2nd Edition, 1999

By Eugene Rippen

First edition review by Ray Bintliff, W1RY, from October 1997 issue of A.R.C. While prices are now dated, this volume serves as a great identification source, plus a guide to relative values.

There seems to be a growing interest in Amateur Radio equipment as witnessed by the recent publication of several collector's books dealing with that segment of the hobby. The Ham Price Guide by Eugene Rippen continues this trend. Collectors of radios built for home entertainment have a number of price guides available to them, including Marty & Sue Bunis' popular series. The ham community has not been as fortunate. Hence, Rippen's book is a welcome addition to the list of ham-related publications.

Ground Rules: Preparing a price guide is a tricky feat at best, but Rippen lays down some definitive ground rules in his introduction and states that "The primary purpose of this book is that of a PRICE GUIDE. And it is just that, a guide to aid in determining prices at which goods may be sold." He points out that for most ham equipment the volume of sales of a particular model is not sufficient to determine a fair market value in the sense that "blue book" values can be established. Ham equipment is not sold in volume like automobiles. However, for a number of models with sufficient sales volume he does show what he calls "sound value estimates."

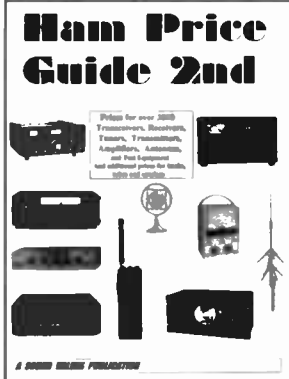
He also points out some of the factors that affect the value of an item and make it difficult to establish a precise value for a given model. These factors include appearance, operating condition, availability of a manual and original box, as well as mood and attitude of the buyer and seller.

What's In - What's Not: First of all it is important to understand what is not in the book. Unlike most price guides, there are no illustrations because of space limitations. The author does provide a list of pictorial guide books that can be used to supplement this price guide.

In addition to the obvious ham gear, the listings include test equipment, antennas, and other ham-related items. In terms of age, the listings range from a 1922 Paragon transmitter to contemporary items from such makers as Alinco, Astron, ICOM, Kenwood, MFJ, TEN-TEC and Yaesu.

Unlike most price guides, Rippen's book makes no attempt to integrate raw sales data to make an educated guess as to value. Some radio price guides show a single estimated value for a radio while others list a range of values. Rippen has taken a different approach by listing the raw data for each model and allowing the reader to determine value based upon the information provided in each listing. Some examples of this approach are discussed below.

Content: The introduction defines the purpose of the book and how to use it. In addition to its useful



introduction, this price guide consists of two sections. The first part is a columnar tabulation that is arranged in alphabetical order by the maker's name and lists the maker, a model name/number, a brief description, a price, the year of price, and a single-letter code to indicate if the line item listing represents an actual sale, an advertisement for sale or an offer to purchase (S, A or O).

Some examples of these listings may help in understanding his approach. There are eight priced entries for the Echophone Model EC1. Four entries are dated 1993, three of which are actual sales for \$31, \$55 and \$60. Their respective conditions are listed as G, VG and G (Goodness is in the eye of the beholder). The other entry dated 1993 is an advertisement with a price of \$65 but without a stated condition. For 1995, one entry is a sale for \$10 with the notation "works, no BFO." The remaining three entries are advertisements from 1995 with prices and condition listed as \$40, F, \$65 with condition unspecified and \$95, listed as G. In short, what we have is a do-it-yourself price guide that provides a listing of transactions from which the reader can draw conclusions as to value.

This part of the book is arranged in two columns per page and contains 260 listings per page.

A Cross-Reference: The second tabulation is arranged in alphanumeric order by model name/number and shows the maker's name for each listed model. This tabulation is useful in finding the maker's name if only the model is known. This cross-reference is arranged in a three-to-the-page columnar format with 366 listings per page.

Some Details: Rippen uses abbreviations in the "Model" and "Description" columns to conserve space. He calls them "cryptics." However, many of these abbreviations are easily understood, and all are defined to assist the reader.

The price dates shown in the listings span the period from 1993 to 1995. And most listings appear to fall into the "A" or advertised category. A few listings do not include a price.

All of the well-known manufacturers appear in the price guide along with some of the lesser known ones. As you might expect, Heathkit has more listings than any other company - a confirmation of its success as a supplier of ham equipment.

The collection, organization and editing tasks associated with the production of this price guide seem formidable. The book contains more than 7,000 line items. But fortunately, someone has finally done it.

The book is available from Antique Radio Classified for \$10.95 with free U.S.A. shipping. Subscriber discount price is \$9.85. Order Today!

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