



VOLUME 21

JULY 2004

NUMBER 7



Motorola 1953

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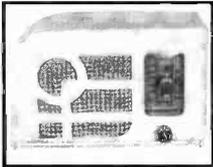
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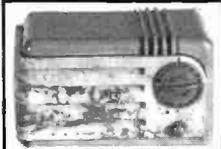
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ANTIQUE RADIO CLASSIFIED

July 2004 • Volume 21 • Number 7

The National Publication for Buyers and Sellers of Old Radios and Related Items — Published Monthly
www.antiqueradio.com

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ANTIQUE RADIO CLASSIFIED

Antique Radio Classified (ISSN:8750-7471) is published monthly, 12 times per year, by John V. Terrey, 498-A Cross Street, P.O. Box 2, Carlisle, MA 01741. Periodicals postage paid at Carlisle, MA, and additional mailing offices. Telephone: (866) 371-0512, 9:00 AM to 5:00 PM ET weekdays; machine answers phone at other times.

Annual subscription rates within the U.S. are \$39.49 by Periodicals mail and \$57.95 by First Class mail.

Annual foreign rates. By air: Canada - \$61.00; Mexico - \$67.00; Other foreign countries - \$105.00. Surface mail: Canada - \$51.00; Other foreign countries - \$58.00. (Surface delivery to countries other than Canada may take two or more months and cannot be guaranteed.)

Two-year subscriptions are twice these rates and receive an extra month. Sample issues are available free on request.

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POSTMASTER: Send address changes to Antique Radio Classified, P.O. Box 2, Carlisle, MA 01741.

Printed in U.S.A.

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.

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CONTACTING ANTIQUE RADIO CLASSIFIED. All correspondence should be sent to:

A.R.C., P.O. Box 2, Carlisle, MA 01741.

Only UPS, FedEx, etc. items to street address: 498-A Cross Street.

Telephone: (866) 371-0512; Fax: (978) 371-7129

E-mail: ARC@antiqueradio.com

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EDITOR'S COMMENTS

The past month has been a good one — a prolonged 20th anniversary celebration in which we've received several congratulatory notes from you readers. You enjoyed the recap of A.R.C. history and wished us well for another decade or two. So, your good wishes have sent us well on our way into this first month of our 21st year.

Looking ahead, we find ourselves wondering what radio-related collectibles will slip into the pages of A.R.C. in the future. Will it be vintage iPods and MP3 players? Believe it or not, we've just received an article on the latter. The possibilities are limitless.

Olin Shuler's lead article suggests some of the possibilities that those of us who came into this hobby 30 or 40 years ago might have overlooked as serious collectibles; for example, the 1950s products of the Motorola Company. Though Olin's article focuses on his career with Motorola, the brochure he sent pictures color television, 2-way radios, a hi-fi sound system, and more. Yesterday's new products have become today's collectibles, and so it will no doubt go into the future.

His article also represents the "one-article-leads-to-another syndrome" that enriches A.R.C. Jerry Wieland's February 2004 article on the Motorola 53LC3C clock radio triggered Olin's many memories of a company's growth in the second half of the 20th century.

But it's back to the 1930s with Ray Bintliff's article on the restoration of a Coast Guard transmitter. This was certainly a first-rate basket case, and we commend Ray for his persistence. Such TLC lavished on a military set seems not to be as common as it is on home radio receivers, the subject of more frequent articles. Ray's work illustrates how important collaboration can be in the absence of solid documentation, as his source of information was an unmodified set on loan from the late Andy DuBois.

Collaboration and feedback are central themes in A.R.C. articles. Witness the "Oops" letters in *Radio Miscellanea* showing that you readers are paying close attention to what is said in the magazine. We rely on authors for accuracy and on our editors for picking up on inaccuracies, but on occasion, things fall through the cracks. Needless to say, we welcome your corrections. And we're comforted by being in good company — in a recent issue, the *New York Times* published over a dozen corrections to errors in that august publication.

Speaking of responses to the magazine, we were deluged with phone calls this month when the June issue showed up in your mailboxes later than usual. Though it had been mailed only one day later than usual, the Memorial Day holiday delayed its arrival even further into June. Sorry about that, but we are

glad that you look forward to receiving each issue.

Photo Review has three sets in the crystal/battery set categories and three 1950s table models. Even the ephemera is represented by a menu with a Marconi signature.

Such a range of items and more is the hope of everyone who attends a regional meet like that of the New England Antique Radio Club in Nashua, New Hampshire, this past spring. This is a nearby affair for A.R.C. and easy to cover, but we also welcome reports from other regions. From reports by Ray Bintliff and John Hagman, we get a sense of the revitalization of this event, which was a sellout. Marty and Sue Bunis, who actually started this event years ago, have taken over the helm again, and their increased promotional efforts have paid off. Hats off to them and to the other behind-the-scenes workers who have created an event that appeals to both buyers and sellers.

Success has become a given for Estes Auctions. As reporters Ray and Edith Chase describe it, the Hanselman estate auction was a "barn burner." Battery and early wireless collectors saw an unusual number of the names they would "die for" — Marconi, Chambers, Chicago Radio Labs, DeForest, Grebe, Mignon — all were there. Also in evidence were over 100 magazine, book, and advertising lots, as well as over 100 vacuum tube lots. More than 40 items exceeded \$1,000, and the total was \$232,000.

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Coming Radio Events. Multiday events listed are Michigan's annual Extravaganza in Lansing and the American Museum of Radio and Electricity's Radio Equipment Flea Market in Bellingham, Washington. Other events include 12 meets, 26 meetings and one Estes auction. Be sure to get to at least one nearby event — you'll be glad you did.

Happy Collecting!

John V. Terrey, Editor

ON THE COVER

Our cover illustration is from a 1953 Motorola brochure contributed by Olin Shuler, author of our lead article. Entitled "Here's Why Your New Motorola Leads the Field for Quality Performance, Dependability, Styling," the 16-page, 6 1/2" x 4 1/2" publication extols the company's wide-ranging electronic products. The list is long and includes the "Big Look" color TV pictured.

WITH THE COLLECTORS

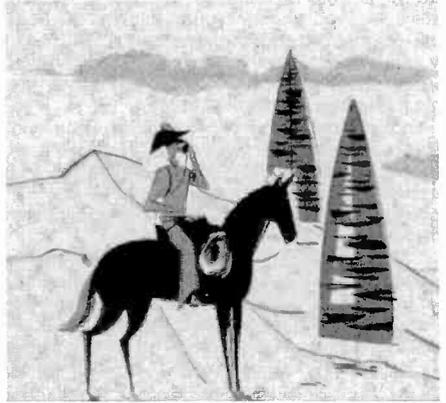
More on Motorola and the 53LC3C

BY OLIN SHULER

One A.R.C. article frequently spawns another. From his personal experience, Olin Shuler responds here to Jerry Wieland's article on the Motorola 53LC3 in the February 2004 issue of A.R.C. Olin comments on Motorola's use of sub-miniature tubes and inverted-basket speakers. He also provided a 1953 brochure touting the company's wide ranging electronic products, such as 2-way radios, radar equipment and color TV. Some of the brochure's illustrations are included here. (Editor)

What a pleasant surprise to see a "familiar face" looking back at me in Figure 1 on page 12 of the February 2004 issue of ARC — specifically, the 1953 Motorola 53LC3 portable clock radio. This radio was built in a Motorola Consumer Products Division plant in Quincy, Illinois. This division was located in an aging, 3-story factory building, still standing today overlooking the Mississippi River at Third & Broadway.

Motorola relocated part of its radio production to Quincy in 1948, expanded in 1950, and by 1956 occupied a new facility at 1400 North 30th



Street. It grew to become the world's largest plant devoted solely to the manufacture of radios. Television and audio products followed later.

I worked for Motorola, first as a production



tester and inspector, starting in 1950. In late 1951, I left for the Army, returning in late 1953. I rejoined Motorola as a statistical clerk in the Production Engineering Department. The 53LC production line was located a short distance from our office on the first floor. I visited the line daily to pick up inspection and test results, and to assist with a newly established Quality Index program. Motorola's emphasis on quality goes back a good many years. The "new" subminiature tubes and the unusual speaker design caught my eye too.

USE OF SUBMINIATURE TUBES

For a 1953 clock radio, a spring-wound clock was a natural choice to use with subminiature tubes. Then, most wrist and pocket watches required winding. In many areas, occasional power interruptions were to be expected, making spring-wound alarm clocks a habitual part of the household. The clock mechanism is probably an adaptation of a pocket watch, or small alarm clock movement. A viable battery-operated clock didn't find its way to Motorola until the transistor-clock-portable Model CX-1 about eight years later.

That year, the use of subminiature tubes was considered to be a harbinger of further miniaturization efforts to come. Transistors were known by name only. Vacuum tubes were all we understood. The subminiature lineup was probably a serious production trial to determine the "real world" benefits, problems, and suitability for wider application of these tubes.

I recall they were not popular with the line workers. They were a little more difficult to handle and install than their 7-pin miniature counterparts and more susceptible to noise, when jarred, and to microphonics. Their service reliability is unknown, but, within a year or so, design emphasis was placed on solid-state circuits. Use of the 7-pin miniature tubes continued until the solid-state circuits were ready.



OTHER STEPS TOWARD MINIATURIZATION

Another cutting edge feature is visible in the chassis photograph in Jerry Wieland's February article. Notice the presence and particularly the size of the ferrite antenna rod. Ferrite rod antennas were just coming into popular use. Today, rods of that size are usually found only in higher performance sets. Squeezing a conventional flat loop antenna capable of similar performance into the radio's cabinet, along with its large decorative metal grille, clock, and battery pack, would have been quite a problem.

The speaker design was another step toward miniaturization. It was used in other models that year, including the 53H table model and the 63C clock radio, allowing some interesting styling innovations. Motorola undertook the manufacture of the inverted basket speaker at the Quincy plant. The magnetizer, being too heavy for the freight elevator, was set up in the basement of the building, near the Production Engineering Documentation Department. I recall typing the engineer's progress reports and test procedures for the speaker project. By 1956, Motorola had returned to the use of conventional speakers.

PERSONAL NOTE

As a personal footnote, I left Motorola to attend Central Technical Institute in Kansas City, a 2-year trade school. I returned in a couple of years as a Production Engineering technician and went on to become manager of the department in 1968.

Through the years, I helped introduce stereo phonographs; transistor portable, auto and home radios; FM automobile radios; FM stereo; automobile reverber units; 8-track stereo; quadraphonic sound; and solid-state TV receivers into production for Motorola, as the plant grew to 900,000 square feet. I left Motorola in 1976, when the Consumer Products Division was sold to Matsushita Electric Co., and the plant was closed.

Photo credits: 1953 Motorola brochure.

(Olin Shuler, 989 Christopher Ct, Quincy, IL, 62381)



RESTORATION TOPICS

Restoring an Early Coast Guard Transmitter

BY RAY BINTLIFF, W1RY

Radios in need of restoration frequently have a few hidden problems. Ray describes a basket case in which a number of problems were uncovered as the restoration progressed. It was necessary to replace or replicate missing parts in order to restore the set to its original condition. However, the finished product was well worth the effort.

The restoration was made easier by the loan of an unmodified transmitter by the late Alton DuBois. He had both a transmitter and the matching receiver in his collection which he described in an article in the January 2003 issue of A.R.C. The article offers a prime example of the willingness of fellow collectors to help one another. (Editor)

It all began at a New England Antique Radio Club swap meet when Bill Holly, a long-time Ham and collector from Maine, asked me about restoring a 1931 Coast Guard transmitter manufactured by General Electric. We learned later that it is one of the units that make up the Coast Guard Portable Radio Station, Model T-22/CGR-22. Its GE designation is Type RT-80A. The complete station is shown in Figure 1. Powered by a battery box and dynamotor, the station is capable of CW or voice communication over the frequency range of 2,464 to 4,050 kHz.

THE TRANSMITTER

A front view of the transmitter in its as-found condition is shown in Figure 2. The transmitter, a Master Oscillator Power Amplifier (MOPA) design, uses four Type 112-A tubes: one as an oscillator, another as

an RF amplifier, and a pair as the push-pull modulator stage. The front panel controls include three tuning dials used to adjust the master oscillator tuning, power amplifier tuning and antenna tuning. The two meters display plate current and antenna current. The bar-shaped knob operates the send/receive switch. The control at the top center adjusts the antenna coupling coil.

The key jack is located at the left bottom corner of the front panel and the carbon microphone jack is at the far right. The three binding posts, from left to right, are for the Ground, Antenna and Receive connections. The ground post is isolated from the chassis ground and connects to an earth ground. The receive binding post is used to connect the antenna to the receiver's antenna post when the station is in the Receive mode.

A CAVEAT & THE REALITY

Bill warned me that the transmitter had suffered some "modifications" by a previous owner and that the restoration might not be an easy task. The set looked interesting and I carried it home — full of hope.

As I examined the set on the workbench, the extent of the modifications became painfully clear. It looked as if we were headed for a resurrection rather than a restoration.

Figure 3 shows a rear view of the transmitter in its as-found state. Restoration needs ranged from the simple, such as missing tubes, to the major, such as wiring, coils and components.

Turns of wire had been removed from two of the

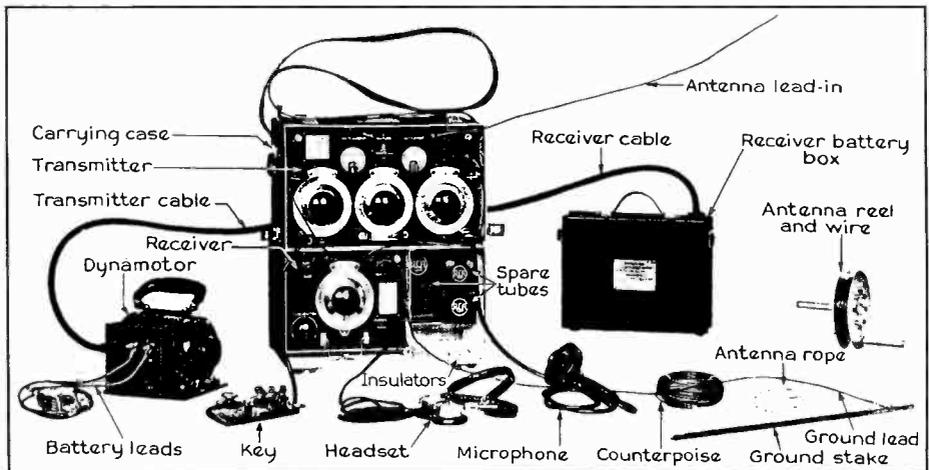


Figure 1. The transmitter described in this article is part of the Coast Guard Portable Radio Station shown here with its accessories.

tuning coils and one coil was missing. Further inspection revealed that a crystal socket had been added to the oscillator stage and some bus-bar wiring had been cut. Later in the restoration effort, I discovered that a trimmer capacitor had been removed as well.

The more I looked, the more problems I found. The send/receive switch on the far left had been re-wired and the RF current meter had a jumper across its terminals. More missing parts and modifications were discovered as the restoration progressed.

Underneath the chassis, things were not quite as bad. As Figure 4 shows, one of the original Aerovox can-type capacitors had been replaced with a more modern capacitor. Some wiring changes were noted at the capacitors' terminals and the microphone jack. Also, a jumper had been wired across the terminals of the wire-wound resistor at the bottom right of the photo. Note the generous use of asbestos insulation around the three carbon resistors.

The transmitter's aluminum front panel and cabinet were in poor cosmetic condition because of aged and dirty paint, dents and scratches. Also, a number of non-original holes were drilled in the panel and cabinet. Figure 5 shows the condition of the front panel.

WHERE DO WE GO FROM HERE?

Before any serious restoration effort could be performed it was necessary to determine the set's original configuration. Without a schematic diagram or coil winding data, the prospects for an authentic restoration seemed dim. But radio collectors, being a tenacious and closely-knit bunch, always seem to find solutions. Fortunately, Bill had obtained some photocopies of data for the transmitter. The not-so-good news was that the illustrations were of marginal quality and a schematic was not included.

Then Bill learned that the late "Andy" Dubois had an unmodified transmitter and receiver in his collection. Andy offered the loan of his transmitter to assist the restoration project. Without his help it is unlikely that the restoration could have been accomplished. Andy will be remembered as a frequent contributor to A.R.C. He wrote about his transmitter and receiver in the January 2003 issue of A.R.C.

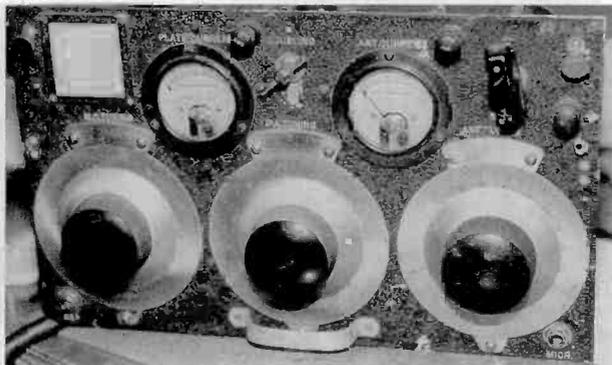


Figure 2. A front view of Bill Holy's transmitter that shows its as-found state.

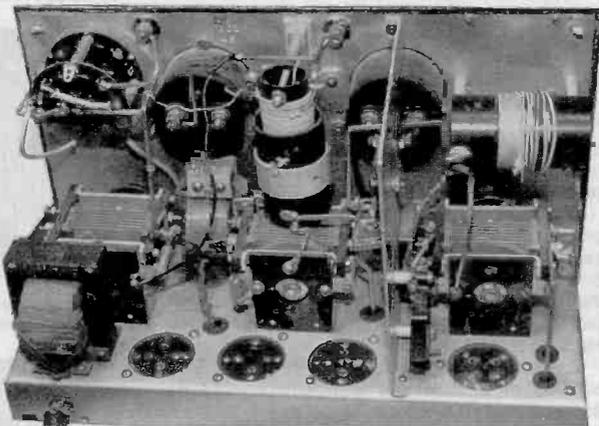


Figure 3. This rear view of the transmitter shows its condition prior to restoration. Numerous modifications had been made to the set by a previous owner.

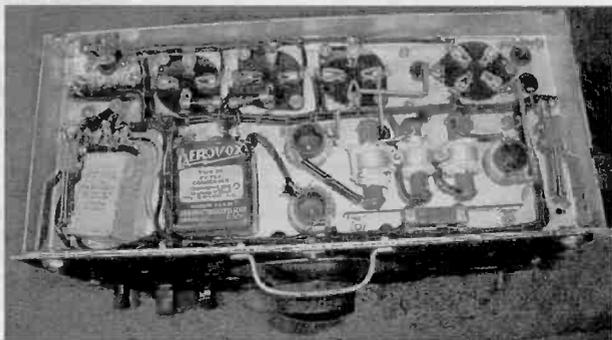


Figure 4. The underside of the chassis was relatively untouched with only some minor wiring changes and the replacement of a capacitor.

Using Andy's set as the model, I began counting coil turns, checking for more missing components and tracing the set's wiring. At this point, a "first cut" schematic diagram was prepared and it was time to
(Continued on following page)

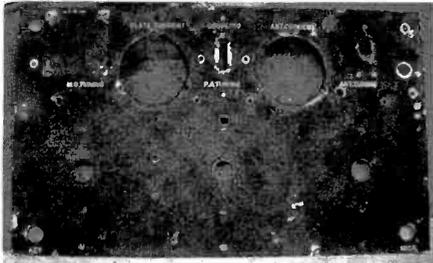


Figure 5. The front panel has been removed and ready for stripping and repair. Extra holes, dings, scratches, and grime all added up to one nasty looking panel.

(Coast Guard Transmitter, continued)
begin the actual restoration.

READY TO RESTORE

As a first step, all of the components mounted on the front panel were removed. Then the panel was removed so that it could be stripped and repainted. Removing the panel had a side benefit — it made it easier to reach some of the chassis-mounted components. Figure 6 shows one stage in the disassembly process.

After the panel was stripped of its paint, an engraver's error was discovered in the upper left corner of the panel. As Figure 7 shows, the legend for the plate current meter was misplaced and engraved again in the correct position. GE solved the problem by simply painting over the incorrect engraving. Ain't black wrinkle paint a wonderful cover up!

The antenna loading coil was missing from Bill's set. So, a replacement was replicated using old parts and materials. The other three coils were cleaned, their old windings removed and then rewound using double cotton covered wire. The set of rewound coils is shown in Figure 8.

THE HOME STRETCH

After the chassis and components were cleaned and the tuning capacitors were lubricated, it was time to reassemble the set. Replacements for missing mica and trimmer capacitors were found. The missing bathtub capacitor was recreated, complete with a label. Wiring modifications were returned to their original state and things were starting to look good. Alas, it was too good to be true. Remember that jumper across the RF ammeter? It was there because the meter was open. So the search for a suitable thermocouple ammeter began.

At this point, a brief and simplified explanation of how a thermocouple ammeter works may be helpful. A thermocouple type ammeter consists of the usual DC meter movement connected to a thermocouple. A thermocouple is a junction of two dissimilar metals that produces a DC voltage when it is heated. If that heat is generated by the flow of RF current then a DC voltage is generated that causes a deflection in the meter movement and we get a measurement of RF current. Thermocouple meters were "big stuff" long ago and they were used in transmitters of World War II vintage. They are not as plentiful today and finding one in working condition is difficult. The chance of

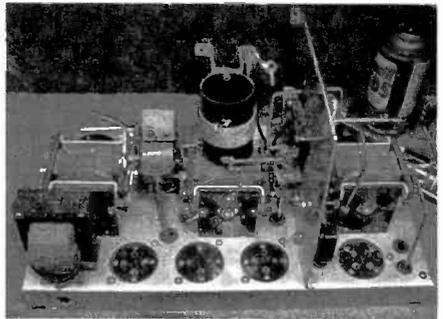


Figure 6. In this rear view, disassembly of the transmitter is underway. The front panel has been removed. The modulation transformer is located in the lower left corner and the microphone transformer is in the upper left next to the variable capacitor.



Figure 7. When the front panel was stripped, an engraver's error was discovered. The arrow points to the incorrect engraving.

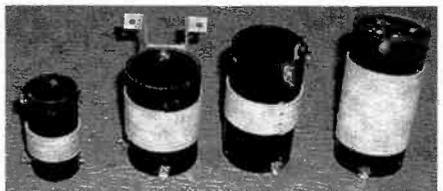


Figure 8. The rewound coils are ready to be varnished like the original coils. The three coils at the left were cleaned and rewound. The antenna loading coil on the right was replicated using old parts and materials.

finding an identical meter to replace the bad one borders on the impossible.

The only practical solution was to keep the meter with its DC movement and replace its thermocouple. Hey, that's duck soup. Right? Not really. After buying, begging and borrowing a bunch of ammeters as possible sources of a good thermocouple, I was unable to find one in working condition. Finally, a friend came to the rescue with a meter that contained the sealed-in-glass thermocouple shown in Figure 9.

Every problem may have a solution, but sometimes it seems that every solution has a problem. After removing the thermocouple from its meter case and hooking it up to the old meter, it worked just fine. But, it was too big to fit in the old meter case. I decided to mount the thermocouple outboard and

hide it behind the meter. With all of the electronics ready to go it was time to mount the meters, dials and such on the front panel. Before we get into that let's touch on the repainting work.

REPAINTING

As mentioned previously, the cabinet and front panel were in poor shape. So, the first task was to strip the paint from both pieces. Next, the extra holes, gouges and dents were repaired using autobody filler followed by a light sanding.

Painting was done with a spray can of black wrinkle paint, and painting the cabinet was easy enough. However, the front panel presented a problem. At the factory, the panel was painted first and then engraved. Now the panel was engraved and the problem was how to keep the new paint job out of the engraved lettering. Several approaches were considered including filling the engraving with soft wax and removing it after the spray painting was completed. In the end, the simplest and best method was to scrape out the paint from the engraving using a scribe. This operation had to be repeated after each layer of paint was applied. The work was difficult and time-consuming, but it produced a shiny engraving that contrasted with the black wrinkle finish.

THE END IS NEAR

The last cosmetic task was to polish the nickel-plated dials and hardware. Then all front panel components were mounted and electrical connections made. A dummy load was installed at the transmitter's output connections, and now it was time for the smoke test.

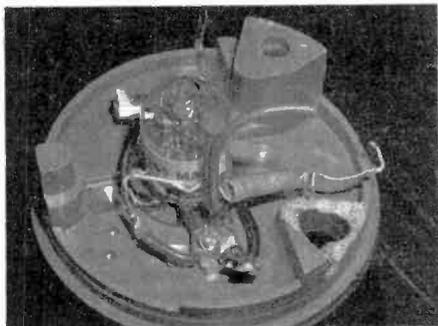


Figure 9. The glass enclosed thermocouple was removed from its meter base and used with the transmitter's original meter.

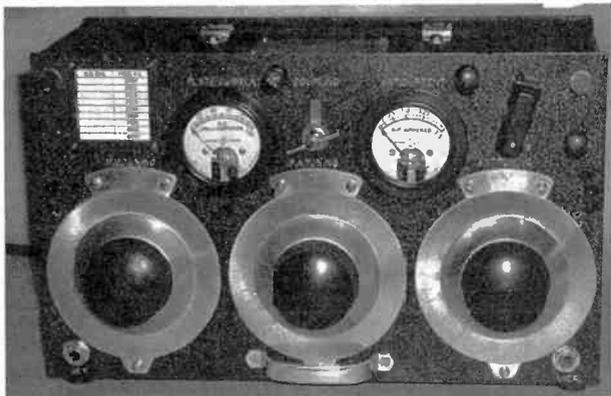


Figure 10. A front view of the restored transmitter with that just-from-the-factory look.

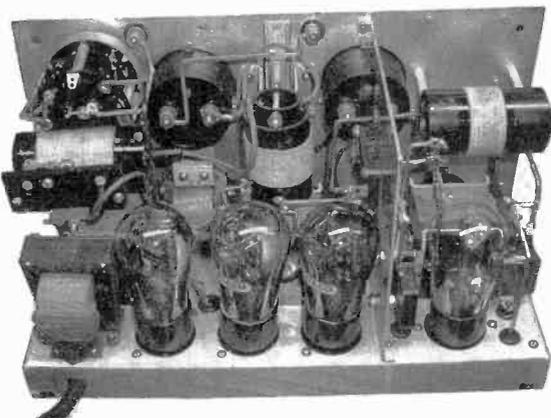


Figure 11. A rear view of the restored transmitter with all components and tubes in place.

There was no smoke and the lamps in the dummy load glowed nicely. The restoration was complete and the little rig worked. Tuning up the transmitter is a little tricky and requires two hands because of the

(Continued on following page)



(Coast Guard Transmitter, continued)

interaction between the oscillator and amplifier tuning controls.

THE FINISHED PRODUCT

Two views of the restored transmitter are shown in Figures 10 and 11. A reproduction of the set's nameplate is shown in Figure 12. The schematic diagram that appears in Figure 13 and the parts list shown in Table I were generated as part of the restoration effort.

Although there were some frustrating moments, it was very satisfying to see the abused transmitter

restored and operating again.

In closing, I would like to cite again Andy DuBois' contribution to the success of this restoration.

(Ray Bintliff, W1RY, 2 Powder Horn Ln., Acton, MA 01720)

Ray Bintliff, W1RY, a member of the A.R.C. editorial staff, holds an Amateur Extra Class license. In addition to Amateur radio, his interests include electronic equipment design and audio reproduction. He also enjoys repairing and restoring pre-1945 radios and test equipment.

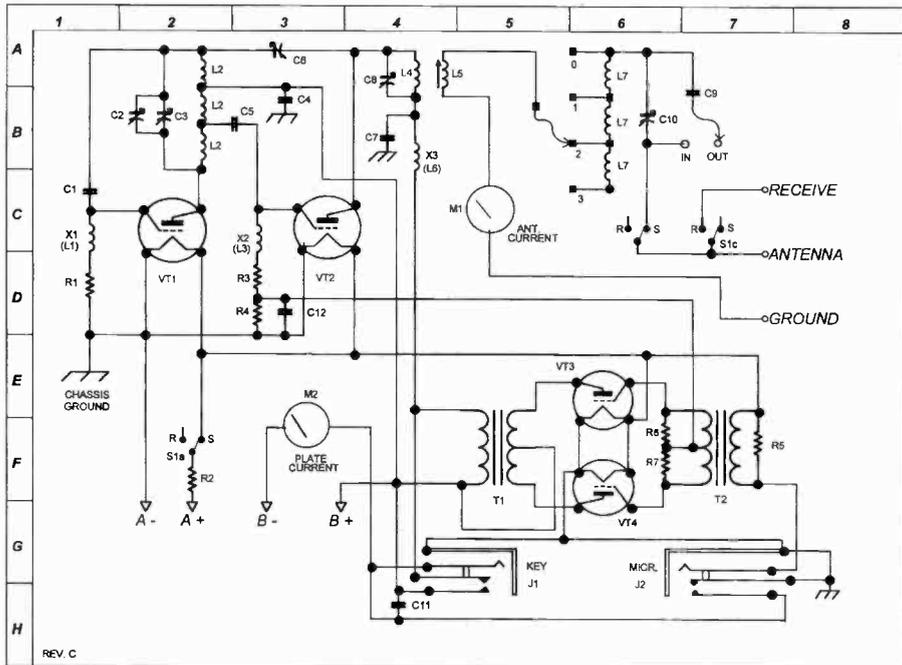


Figure 13. A schematic diagram prepared by the author as part of the restoration work. The associated parts list is shown in Table I.

Table I — PARTS LIST
U.S. COAST GUARD TRANSMITTER — MODEL T-22

Ref. Desig.	Part Description	Ref. Desig.	Part Description
C1, C5, C9	0.0005 mF, mica capacitor	L5	Coil, (COUPLING)
C2	Trimmer capacitor, band set	L6	See X3
C3	Variable capacitor, (M. O. TUNING)	L7	Coil, Antenna
C4	0.01 mF, mica capacitor	M1	Meter, RF ammeter, 0-1.5 A
C6	Trimmer capacitor, neutralizing	M2	Meter, DC ammeter, 0-100 mA
C7	0.005 mF, mica capacitor	R1	Resistor, carbon, 15k, 2w
C8	Variable capacitor, (P.A. TUNING)	R2	Resistor, wire-wound, 0.8 Ohms
C10	Variable capacitor, (ANT. TUNING)	R3	Resistor, carbon, 10k, 2w
C11, C12	1.0 mF, can-type paper capacitor	R4	Resistor, carbon, 5k, 2w
J1	Jack, (KEY)	R5	Resistor, wire-wound, 3.5k
J2	Jack, (MICR.)	R6, R7	Resistor, carbon, 1.0 meg, 1/2 w
L1	See X1	T1	Transformer, modulation
L2	Coil, (M. O.)	T2	Transformer, microphone input
L3	See X2	VT1-VT4	Vacuum tube, Type 112-A
L4	Coil, (P.A.)	X1, X2, X3	Choke, RF

Table I. Parts List and Reference Designators for the Coast Guard Transmitter



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.

Oops! Arcadia is a Wells-Gardner

Dear Editor:

I don't want to rain on anyone's parade, but the Arcadia 2CM console radio pictured in the April *Photo Review* doesn't fit the profile of a 1929 radio. Perhaps this was an error that crept in along the way, or, heaven forbid, an April fool joke. The cabinet style — large airplane dial, apparently multiband dial markings, 12 tubes, and what appears to be a "magic eye" above the dial — places this set in the 1935 through 1937 time frame.

The Kadette Model 86X on the same page brings back old memories. Many of the sets are what we used to refer to as "gutless wonders." I have an AC/DC Model 1140 from about 1937 and it has shortwave. It has 11 tubes, of which three are ballasts. The performance is roughly equivalent to most five tubers of that and later times.

John T. Kaetz, Jr., Bessemer, AL

Dear Editor:

The April 2004 issue of A.R.C., page 17, shows a modern style console with a tuning eye listed as an "Arcadia Model 2CM" made in 1929. This set was made in 1937, and is one of the excellent radios made by Wells-Gardner and sold under many different names, most commonly Truetone for Western Auto Stores and Airline for Wards. Wells-Gardner made some real nice stuff, including the 16-tube, all chrome plated, dual chassis console I own, which was also sold under several names. Bruce Eddy in Charlotte, Michigan, is collecting Wells-Gardner serial numbers, so please send yours to him at eddy@voyager.net.

Collectors should not ignore these radios sold by catalog outfits. Although many are inexpensive junk, some of them are real high-end, and super performers. The "behind-the-scenes makers" were Wells-Gardner, Belmont, Radio Products Corp, Consolidated Radio (later Admiral), Warwick, and Detrola. I know also that Stewart-Warner and Crosley made sets for Delco in the mid 1930s. Sears Silvertones were made by several makers, but 90 percent of their sets were made by Colonial.

Mark Oppat, Plymouth, MI

Dear Editor:

I don't know how I came up with the 1929 date on my Arcadia Model 2CM in the April *Photo Review*. After sending the photo to you, a friend and I were looking the set over and just the dial shape should have argued for something from the late 1930s.

Under the large round dial is a plate that says "Arcadia Superheterodyne." There is no other marking on the front. In the back, in the speaker area under the insulation is a paper label with the tube locations. At the top, it says "Series 2CM." I thought that in one of my books I had found the brand name and series number listed as 1929.

Sorry about the misinformation, but thanks for the correction.

Don Pehlke, Bloomington, IL

Oops! Zenith 11S474 Price Error

Dear Editor:

In the March 2004 issue, page 18, in the photo caption, shouldn't the original 1940 price of the Zenith 11S474 console be \$70 [not \$700]?

Ted Hannah, Silver Springs, MD

Thanks for bringing the error to our attention. According to Cones, Bryant and Blankinship in their latest book "Zenith, The Glory Years, 1936-1945," and Alan Jespersion & Michael Emery's Zenith brochure reprint book, the Zenith 11S474 sold for \$99.95 in 1940. (Editor)

More Help with Philips L6X38T

Dear Editor:

In the July and August issues, there is a request and an answer, regarding the disassembly of the Philips L6X38T portable radio. I am a Philips radio enthusiast/restorer/collector, who worked for Philips in New Zealand from 1971 to 1995. I have a lot of Philips service data that I can supply copies of from the late 1920s to the 1970s.

I have a full service manual for the L638T and its later version, the 22RL798. The main difference between the two is that the L6X38T has an earphone permanently wired into the set on a spring-loaded reel, like the Zenith 600 Trans-Oceanic power cord or the power cord on an Electrolux vacuum cleaner. The 22RL798 has a 3.5mm earphone socket. If your correspondents are interested, I could supply them with good quality photos and copies of the service manuals.

Ross Paton, Auckland, New Zealand

A.R.C. continues to make international connections. Though John Bartlett of Essex, England, sent his inquiry about the Philips 6X38T almost a year ago and Scott McAuley of Cayce, South Carolina, promptly answered it, we received the above response from Ross Paton of New Zealand just recently. It's never too late for collectors to reach across continents to help each other out. (Editor)

Great June Issue!

Dear Editor:

Your June issue was great! I particularly enjoyed the Estes Auction results — wish I had been to that auction. Larry Babcock, East Amherst, NY

Dear Editor:

I really enjoyed the article in the June 2004 A.R.C. about the history of the magazine. I've always thought it was the best. Congratulations on your 20th, and may you have many more!

Ward Kremer, Newport, TN

Loves A.R.C.

Dear Editor:

I love your little magazine. I hope it continues forever. M. Hanke, Wausau, WI



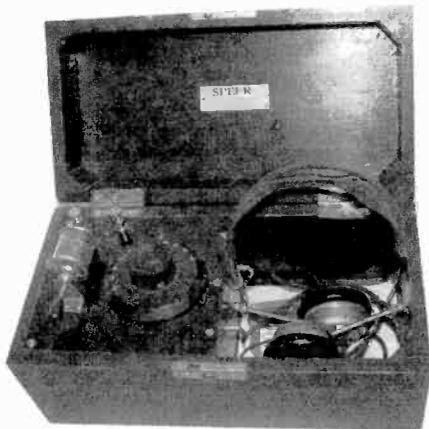
PHOTO REVIEW



This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, contain a single item, and preferably have a light-colored background. A short, descriptive paragraph **MUST** be included with each photo. Please note that receipt of photos is not acknowledged, publishing is not guaranteed, and photos are not returned.



SAVAGE CLUB MENU – This framed dinner menu from the Savage Club in London is dated 1903 and is signed by Marconi. (Jim Taylor – Bournemouth, England)



SPEER CRYSTAL SET – This boxed crystal set was manufactured by the Speer Radio Apparatus Co. of Pittsburgh, Pennsylvania. Its catwhisker/galena detector is enclosed in a celluloid mount, and the set tunes with a single dial condenser. (Wally Worth – Wollaston, MA)



GREBE RORK – This 2-tube amplifier, manufactured by the A.H. Grebe Co. of Richmond Hill, New York, sold for \$55 in 1920. It was made as a companion piece to such sets as the Grebe CR-5 and CR-8 1-tube receivers to make them more powerful. (Dave Crocker – Mashpee, MA)

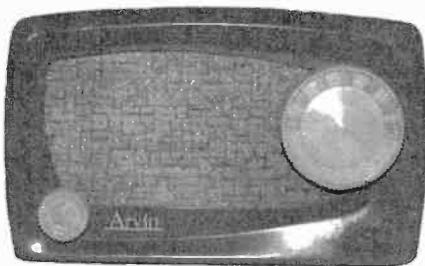
PHOTO REVIEW



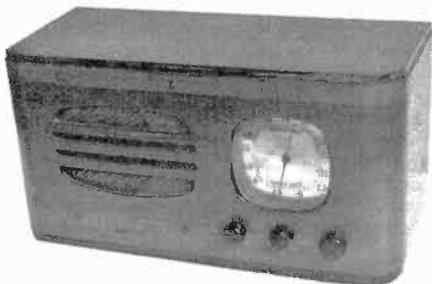
GE MODEL 501 – This ivory plastic clock radio was manufactured in 1950 by General Electric. It tunes AM only and uses three miniature and two octal tubes as follows: (1) 50C5, (1) 35W4, (1) 12BA6, (1) 12SQ7, and (1) 12SA7. (Loren P Ashworth – New Paris, OH)



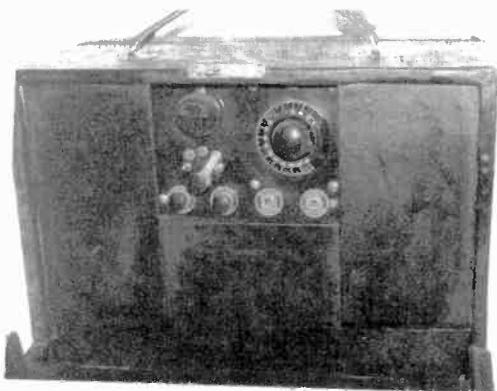
TWIX BILLBOARD RADIO – This novelty radio has no manufacturer's name, but it was made in China. It is an AM/FM receiver using four 1½v AA batteries. It is 12" long x 4" high and only 1¼" thick. One side says "Cookies-N-Cream Cookies," while the other side says, "Chocolate Fudge Cookies." It has a pull-up antenna and a plastic handle. A series of punched, circular holes is on the Cookies-N-Cream side for the speaker. (Dave Crocker – Mashpee, MA)



ARVIN MODEL 740-T – This 4-tube, red plastic radio uses the following tube types: 35Z5, 50L6, 12SA7, and 12SQ7. It was manufactured in 1953. (Clark Trissell – Lincoln, NE)



KADETTE MODEL 1019 – This shortwave and broadcast band radio was advertised as having 10 tubes, although two are ballasts and two are redundant. ((Ray Chase – Plainfield, NJ)



KODEL MODEL P-12 – This 2-tube leatherette "Fabricoid" portable was produced in 1924 by the Kodel Manufacturing Co. of Cincinnati, Ohio. It was the next step up from Kodel's Model P-11 1-tube portable, so small it was called the "Camera Radio." Note that the tapped coil fits around the Type 199 tube in the photo at the right. (Wally Worth – Wollaston, MA)



MEET REPORT

New England Antique Radio Club Meet Nashua, New Hampshire — April 17, 2004

BY RAY BINTLIFF, W1RY, AND JOHN HAGMAN

Another successful New England radio meet is the subject of these articles by Ray Bintliff and John Hagman. Ray, who, along with other A.R.C. staff members, is a regular attendee at this New Hampshire event. John Hagman, from the "West Coast of New England," writes again to the Internet news group (rec.antiques.radio+phono) about his experiences at this quarterly radio event. John always tells it "like it is." The photos throughout are from Ray and your editor. (Editor)

Ray Bintliff reports: The New England Antique Radio Club (NEARC) held its second meet of the year on April 17, 2004, at St. Stan's Hall in Nashua, New Hampshire. The weather was fine, and, like bees, the collectors swarmed to the event. Swap Meet Chairman Marty Bunis said that 104 tables had been sold and paid admissions exceeded 200. Great numbers, considering that some other organizations are experiencing declining attendance. It appears that NEARC's success is the result of heavy advertising and its policy of inviting the public. Some TV coverage from WMUR in Manchester, New Hampshire, is planned in advance of the next meet in July.

Attendees came from each of the six New England States and from Maryland, New Jersey, New York, and Pennsylvania. Club President Dave Sutherland noted that there were many new faces in the crowd, as well as some old faces returning after long absences.

Radios offered in the flea market ranged in age from Atwater Kent breadboards to plastics from the 1950s. European manufacturers and a host of U.S. companies were among the goodies on the tables.

The contest themes for April were "Tombstone Territory," Microphones, and Marconi-Related items.

Radio meets are, of course, more than just about radios. They are an opportunity to meet and chat with



Meet Chairman Marty Bunis, left, and Club President Dave Sutherland bask in the glow of another successful meet.

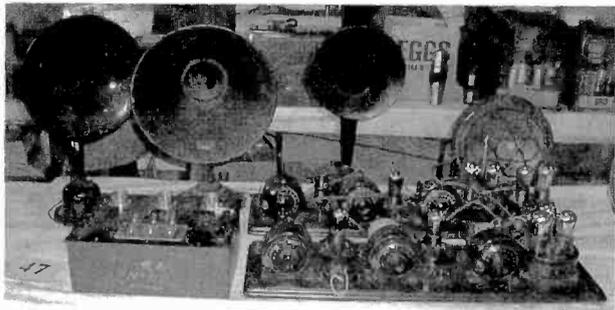
old friends and to make new friends. There was plenty of evidence of both activities at this meet with knots of collectors in the corners or at the tables engaged in conversation. Like fishermen's tales, there were probably stories about "the big one that got away."

Behind every successful meet are the unsung heroes that make it happen. Although too numerous to mention here, we know who you are and we say thank you.

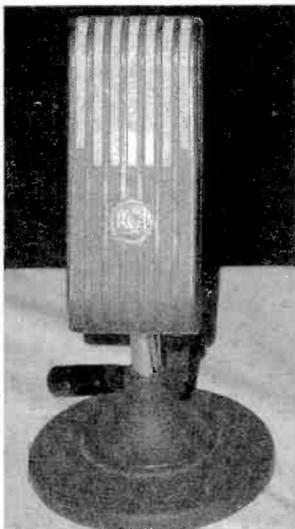
(Ray Bintliff, W1RY, 2 Powder Horn Ln., Acton, MA 01720)

John Hagman reports: Last Friday night I found myself once again at the Nashua, New Hampshire, Motel 6 with a bulging van load of radio ephemera. Truth be told, although I locked the van, I was certain no thief would see anything but a literal ton of ancient electronic junk. This particular Motel 6 (I am a veteran of many) does not give particular distinction to the name. Its chief virtues for me are it is \$36, they allow pets, and it's five minutes from the meet at St. Stan's. Frankly, I'd be happy to pay more, if they would spruce the place up a bit.

I arose at 5:30 A.M., but still managed not to get to the hall until 7:00, as usual. I had an exhibit for the contest in the tombstone category — my restored Saba 310WL Bakelite. I prepared a little presentation with pictures of the radio and chassis before and after, and I had it playing as well. Later, when I checked the contest area, I noticed



Every flea market should have an Atwater Kent breadboard or two, some horn speakers, and a Magnavox amplifier.



Left to right: this heavy Teletone TV must be a portable – it has a handle! Center is another contest entry in the microphone category, an RCA ribbon microphone. Right is an early carbon microphone.

a quality monster — a chrome grille Zenith tombstone in the center of the displays. I knew somehow it would trump me into second place, which is exactly what happened.

Meanwhile it took until after 8:30 to get all of my stuff on the table and my two working consoles displayed and playing. The place gets busy with shoppers very early — by 8:00 — so it's always a tough one getting set up. The meet has expanded to 100 tables, and it was a sellout. There wasn't much in the way of high-end fixer-uppers for me, but in the beginning, I was too focused on selling to notice many of the bargains, which usually trade hands early in the meet.

In fact, as is traditional in this hobby, many deals are stuck in the parking lot at dawn and never make it to the hall at all. I also can't believe how many people still split a table with someone because they don't want to plunk

down 15 bucks, sheesh! Their good stuff ends up tucked underneath the table, where only the aggressively cheap shoppers will find it.

I use fluorescent Post-It notes for big price tags now, and I sell things more easily as a result. A few meets ago I noticed lots of folks don't bring or refuse to wear their reading glasses, and regular size price tags are just a blur to them.

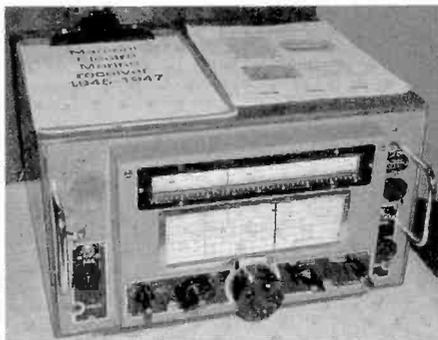
Purchases: Between sales I found a slightly battered but complete RCA 106 tapestry speaker for a big \$45, which I instantly bought. These usually go for five times that price in good shape, but this is nothing I can't fix up. It is a self-powered dynamic speaker from 1928 that uses copper oxide disk rectifiers (early solid-state). Incredibly, I'm listening to it now, just as it came to me, and it sounds great. I have a speakerless Radiola 44 and a 60 in the queue for this summer, so I want to have something to use with them.

I also snagged a pair of nice Euro sets for my friend up north in Malone, who loves such things — a Lowes Opta with phono up top, and a Tanfunk.

(Continued on following page)



Probably the nicest Ham offering was this National HRO-5 with matching speaker and "dog house" power supply.



A classic Marconi Electra Marine receiver on the contest table.



A small-screen TV manufactured by Sharp.

(NEARC Meet, continued)

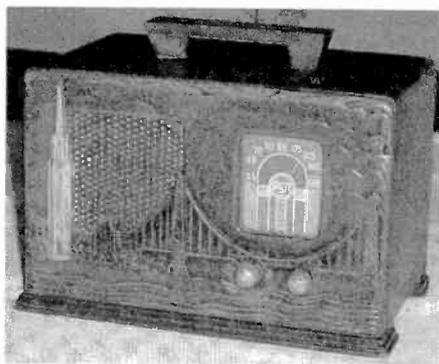
I sold the Philco 65 console I had brought, and as I loaded it into a really nice car, I realized this meet has a tremendous appetite for restored consoles. I met three couples looking for working "decorator" console radios, and the 65 was all I had brought.

No one wants the \$20, 1930 TRF's without tubes or cord, but I could have sold four or more \$300 to \$500 consoles. The only thing needed to make the \$20 one into the \$300 one is a bunch of TLC.

By 11:00, the meet was winding down, and a few



This old tube tester was an attention-getter.



This RCA Model 40X57 "Golden Gate International Exposition" table radio from 1939 was at Rain Buttignol's table.



Seen at the meet are these two happy contributors to A.R.C.: Dick Desjarlais, of Dick's Radio Days, left, and Wally Worth, right.

sellers began packing up, although it runs officially until noon. I overheard quite a few complaining that it was a slow meet for selling. I had to agree, as I sold only a third of my load, and usually do more business.

The day was one of the first beautiful Saturdays of the spring, and, of course, we all suspected that outdoor activities took precedence over shopping for many people. It still was well worth the trip though, and, as usual, I had a fun time talking to Adam V., Dave "Jack of All Trades" Sutherland, and our fine

hosts, the Bunises.

All and all, it was a great meet, and I will have a table at July's meet and again in October for sure. Thanks to all the hard-working folks who make it possible.

Sincerely, John H. on the West Coast of New England.

(John Hagman, 198 Park St., #2, Burlington, VT 05401)

The New England Antique Radio Club publishes "The Escutcheon" and holds swap and sell meets quarterly. Dues are \$14 a year. For membership information, write Bob Andersen, P.O. Box 201, Spofford, NH 03462 or bandersen@rbd.org



Frank Bequaert always has a large assortment of radio-related books, magazines and catalogs for sale.



AUCTION REPORT

Estes Auction — The Hanselman Estate Burbank, Ohio — January 17, 2004

REPORTED BY RAY AND EDITH CHASE

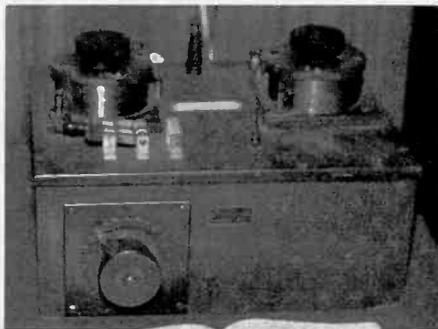
The January 17, 2004, Estes auction sale had all the earmarks of being a "barn burner," and on our arrival we found that that prediction held true "in spades." The collection of the late Dr. Russell Hanselman and his son, the late Keith Hanselman, of Auburn, Indiana, consisted of many early, rare, collectible radios and artifacts, some of which are seldom seen or offered for sale. As usual, viewing was available on Friday evening and on Saturday from 8:00 A.M. until 10:00 A.M., the start of the auction.

High-flyers were in abundance; for example, a Marconi 294A receiver selling at \$19,000, an incomplete Marconi 107A at \$15,000, a very rare Mignon RLC tuner at \$11,000, a Wireless Specialty IP-501A at \$8,000, a Chicago Radio Labs PAR Z-nith tuner at \$16,000, and on and on. A wealth of Western Electric, Grebe and other highly collectible names were available to bidders. All told, 43 items sold for \$1,000 or more each.

In addition, there were many tube sales, many early hard cover books, as well as a host of early radio magazines, offered. I must apologize for the listing of the books as it was difficult to record accurately what titles were being sold, and I could not get many of them.

Four Atwater Kent breadboards and three BC-14A World War I crystal receivers, all made by different manufacturers, were offered. It was truly a mind-boggling sale with additional consignments still coming in on Saturday morning. Kudos to the Estes group for managing to put this sale together in midwinter and to the dedicated buyers who braved the elements to show up and bid.

Any auction in Ohio in January has the trap-



Although incomplete, this Marconi 107A sold for \$15,000.



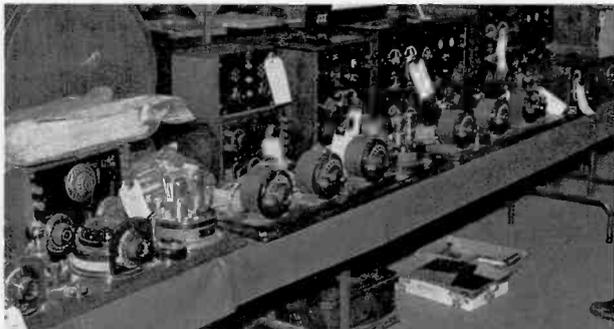
A king-sized loose coupler by F.B. Chambers. This 30-inch long unit sold for \$600.

pings of an expedition due to that midwinter weather. Snow was spotty on the trip out and was also predicted on the day of the auction and through Saturday night.

With about 800 lots going under the hammer, this was a long sale. My wife Edith pitched in at the end to record several pages while I was checking out and loading our car. As it was, we left at about 5:30 P.M., and there were still about 50 lots of miscellaneous parts, test equipment, and bulk tube lots to be sold.

Snow was moving in, and we had to cover over 100 miles that night. As it was, it was nip-and-tuck to get to our stopping point safely that night. Oh, what we do in the name of chasing down those elusive radios!

(Continued on following page)



Battery set collectors' heaven — an assortment of Federal and Atwater Kent radios.

(Estes Auction, continued)

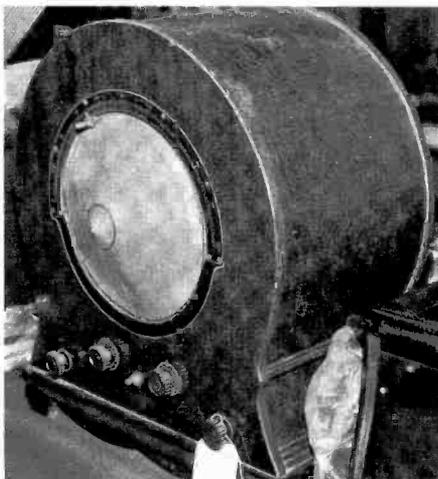
There is a five percent buyer's premium charged at this site that is not included in the listed sale prices. I did miss a few items during the sale so if you do not see the price of an item that you know was sold, it is probably due to my omission. The sale total was in excess of \$232,000. All prices have been rounded down to the dollar.

Abbreviations: e=excellent, vg=very good, g=good, f=fair, p=poor, unk=unknown condition, N.O.S.=new old stock, wk=working, nwk=not working, WT=with tubes, NT=no tubes, BB=brass-based, TT=tipped, PS=power supply, PB=push buttons, gf=good fill.

General Items:

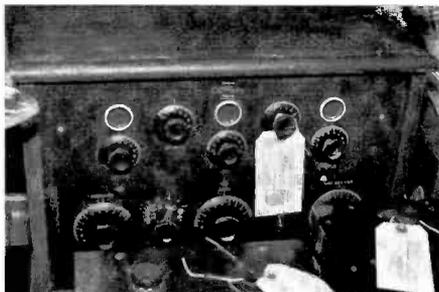
AC Dayton 3 dialer, WT, vg	100
Accurate 151 tube tester, in box	20
Adams Morgan Paragon 10-R receiver	600
Adams Morgan Paragon DA-2 detector/ amp, g	800
Adams Morgan Paragon one tube amp, no case	70
Adams Morgan Paragon RA-10, WT	800
Adams Morgan Paragon tuner	125
Airline large 7-tube battery set, WT, g	115
Airway Type F radio, WT, 1 knob broken	900
Airway Type G 3-dialer, WT (5)	2,000
All American wood mantel speaker, driver g	150
Allen 5 Reflectaflex 2-dialer, small, WT (5) ..	300
American Bosch radio	35
Amperite microphone	200
Alpitone silver horn speaker for use w/headphones	350
Amrad 2722 tuning condenser	300
Amrad 3475 tuner & 2634 amp, "2-decker," WT	500
Amrad 3500-3 Inductrol, complete, RF transformer not right, WT, vg	600
Apex A82 cathedral, g	145
Arborphone 27 2-dialer, WT	55
Arvin white metal midget	25
Atlas 12" cone speaker, g	75
Atwater Kent 9, WT all BB, vg	1,900
Atwater Kent 10, WT & tags	800
Atwater Kent 10B, WT (display), wk, g	800
Atwater Kent 12, WT, BB, TT, vg	2,000
Atwater Kent 20 big box, WT	65
Atwater Kent 20 DeLuxe, WT, vg	150
Atwater Kent 20, WT, g	55

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.

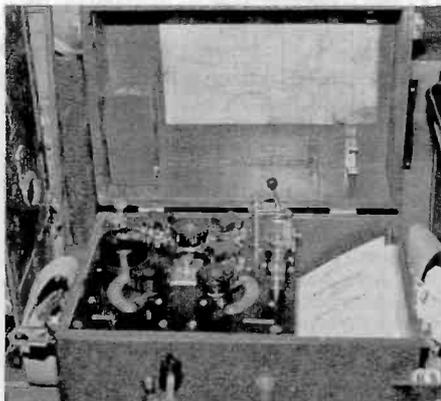


This Thompson Minuet, ca. 1925, uses a unique tuning arrangement that is positioned around the edge of the speaker. A 5-tube battery set, it sold for \$7,000.

Atwater Kent 21, WT (199), vg	200
Atwater Kent 26 lowboy console, wk, g	145
Atwater Kent 30, WT, g	80
Atwater Kent 33, WT, g	75
Atwater Kent 35, WT, vg	35
Atwater Kent 36, w/B eliminator, WT, vg	200
Atwater Kent 53 "stove," olive drab color, g ...	50
Atwater Kent 76 highboy, w/sliding doors, wk, g	175
Atwater Kent 810 console, wk, g	250
Atwater Kent TA breadboard "island" unit, WT (3)	200
Atwater Kent TA green breadboard "island" unit, WT (3)	250
Audiola crystal set	95
Auditorium, shell shaped horn speaker, open driver	500
Australian multiband portable, very unusual	100
Baldwin silver straight horn speaker	65
Baldwin small horn & driver	10
Balkite battery eliminator	5
Beaver Baby Grand crystal set, small	275
Belmont Raytheon table TV, w/magnifier, wk ...	225

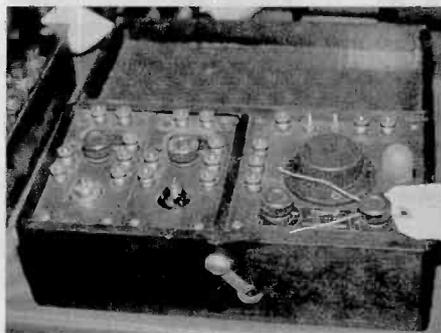
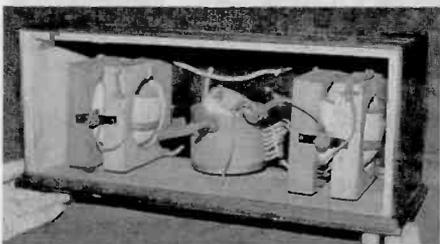


This Airway Type G, circa 1923, with a rheostat control for each tube filament brought \$2,000 in the auction.

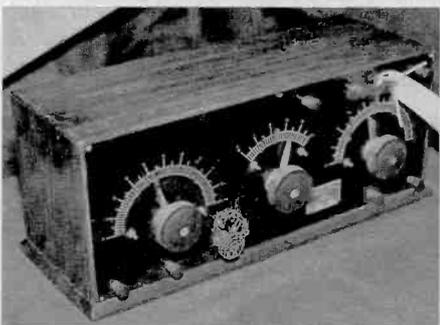


One of the World War I BC-14A sets in the auction.

Bogen PA amplifier	65
Bosch Little 6, WT, g	55
Brandes headphones, w/small horn attached	300
Bremer Tully kit radio, 3-dialer, WT (5), vg	90
Bristol F, 1-tube amp, WT	150
Bristol Superette horn speaker, open driver	45
Brunswick Radiola, "side-by-side" radio/phonograph	125
console, battery radio, crank phono, vg	125
Brush crystal microphone, in box	55
Burns petal horn, driver g, bent petal	250
Bush & Lane radio	55
Bush-Lang wood mantel speaker, driver g	70
Chambers, F.B., loose coupler, large, 30" long	600



A Sodian DR-6 receiver and two D-11-1 amplifiers housed in a wooden cabinet sold for \$2,400.

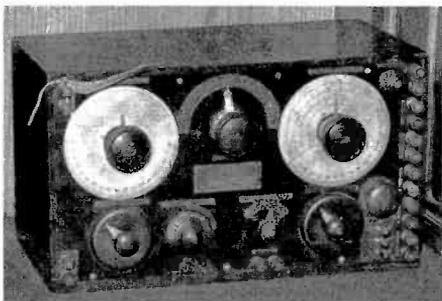
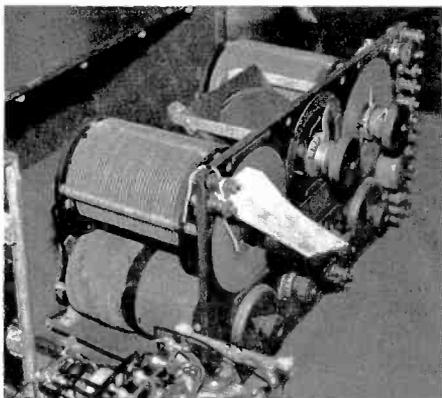


Another big ticket item was this Chicago Radio Labs, PAR Z-nith tuner, which sold for \$16,000. An interior view of the Z-nith tuner is shown in the upper view.

Chicago Radio Labs., (C.R.L.), PAR, Z-nith tuner	16,000
Clapp-Eastham HR receiver, WT	225
Clapp-Eastham HZ amplifier, WT	300
Clapp-Eastham RZ, WT, g	900
Claravox speaker, open driver	35
Claravox wood base horn speaker, driver g	75
Cleartone tuner (wave trap)	20
Cleveland table stand, ring suspension microphone	165
Cleveland Waves 3-dial tuner	175
Cleveland Waves detector panel	25
Colonial Globe radio, w/damage	85
Columbia cylinder player, small key wound	325
Columbia with DeForest, 3-honeycomb-coil tuner	35
Commerce Radiophone crystal set, w/lid	150
Concert speaker, ornate cone, driver g	225
Conch shell horn speaker	225
Connecticut Telephone headset	15
Continental small tombstone, 3 knobs, vg	105
Crosley 15-355 highboy console, AC	45
Crosley 51 portable, g	85
Crosley 51, WT & label	70
Crosley 51, WT, g	85

Crosley 52, WT, (2)	20, 75
Crosley Musicone cone speaker, driver g, fancy painting of ship	150
Crosley Pup, WT	500
Crosley Type 50, WT & tag	80
Crosley wood mantel speaker, open driver, g	30
Crystal set, flat of crystal sets and parts	150
Cutting & Washington 11A, WT, g	500
Cylinder records, box (±20), f	65
Davis table crank phonograph, g	95
DeForest D-10 reflex, WT & loop, g	550
DeForest Everyman crystal set, w/phones	60
DeForest F-5, WT & extra driver, g	375
DeForest Interpanel, MP-100 set, WT & coils, g	3,500
DeForest SP-4 amplifier, NT	3,100
DeJur 3-tube amp., WT	125
Deutsche Telephonwerk large folding loop antenna, German,	250
Dictogrand roll speaker, driver g, f+	225

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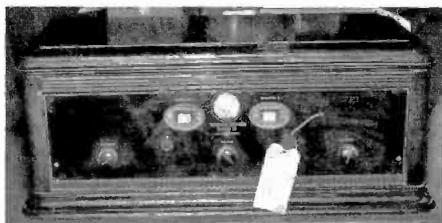


The auction's highest bid item, a Marconi 254A that sold for \$19,000. Both overall and inside views are shown above.

(Estes Auction, continued)

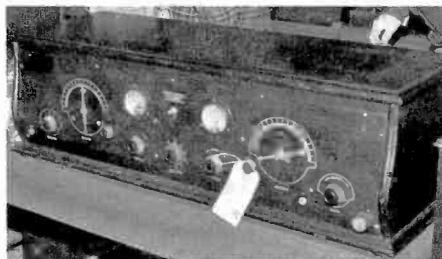
Dictograph horn speaker	110
Du-Wa microphone, in box	20
Echophone 3-tube set, WT (199), no cabinet	75
Edison cylinders in tubes, (2 lots, 25 in each)	105, 225
Electric motor, #4, early	250
Electric motor, KD #9	100
Erla 4 tombstone, small, 2 knobs, nice	70
Faradon spark condenser	10
Federal 59, WT & Federal headphones	1,000
Federal 61, WT, g	1,000
Federal 110, WT, (2), g	500, 600
Federal 200 drop-in-panel, WT (5), g	275
Federal headset, (2)	15
Federal Jr. crystal set	450
Farrand Electric Co. wood box wave trap	50
Freed-Eisemann NR-6 3-dialer, WT	75
Freed-Eisemann NR-6 3-dialer, WT, vg	115
Garod Model E on table, w/PS	50
Garod RAF, WT	65
GE A53 tombstone, 4 knobs, g	45
GE UT-1367 magnetic modulator	65
General Radio tuning capacitor, in case	5
Globe radio microphone, in box	15
Globe Trotter, World Globe, not sure if it is a radio	350
Grebe Clarifier	1,500
Grebe CR-3, vg	700

Grebe CR-8 receiver, WT, vg	650
Grebe CR-9 receiver, WT	350
Grebe CR-12 receiver, WT, g	800
Grebe CR-18, NT, w/batch of proper wire to make coils, g	1,100
Grebe RORD, missing an audio, WT (3) ..	1,900
Grebe RORH, WT	1,400
Grebe RORK, WT, g	1,550
Grebe Synchronphase, WT, g	150
Grundig, German 1950s radio, minus 1 knob ...	30
Hallicrafters Sky Buddy, vg	55
Headsets, (7)	ea. 10 to 30
Home-brew 3-tube set, WT, (2)	75, 110
Home-brew battery set, (2)	20, 40
Home-brew crystal set, w/loose coupler	125
Home-brew 1-tube set	45
Home-brew 1-tube set, no case	155
Home-brew portable, w/Radiola chassis, WT	95
Horn speaker, shaped like table lamp, open driver	750
Howell crystal set, small	85
Jefferson spark coil, small, wood case	35
Kadette mantel set, small, plastic	115
Kadette, miniature case, has damage	105
Kellogg RFL, WT	65
Kennedy 15, Type 430, slant-front, WT	450

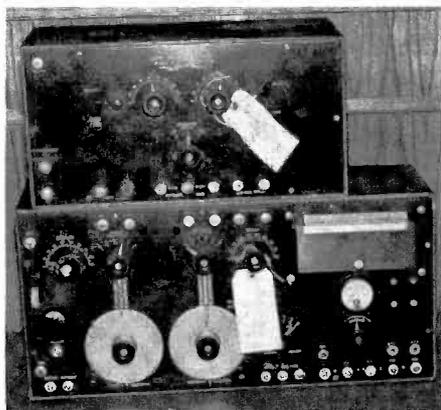
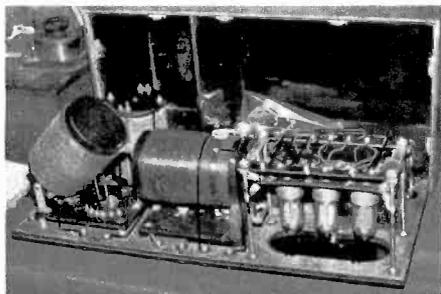


An early E.H. Scott receiver, this World's Record Super 10 dates from 1927. It sold for \$1,800.

Kennedy 20, 5-tube, slant-front, WT, 1 knob wrong	125
Kennedy 110 receiver, g	2,000
Kennedy 281 receiver, WT	400
Kennedy 521 2-stage amp, vg	850
Kennedy 525 2-stage amp, WT	800
Kennedy 525 2-stage amp, WT, g	1,000
Keystone Radio, wood box, 2-tube amp, WT	1,400
Kodel microphone/speaker, open driver	300
Lane SYD wet cell B battery storage battery .	250
Leyden jar, small	60



Another 10-tube radio, a Norden-Hauck Super 10 that brought \$3,000 in the auction.

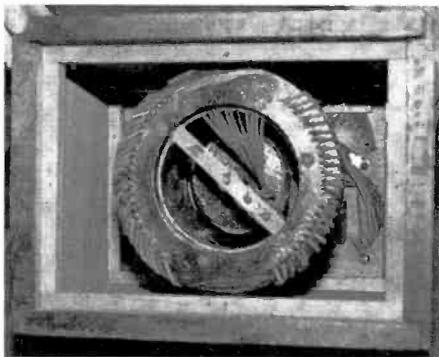


A Wireless Specialty IP-503, a loading unit for the IP-500 sets, atop the Wireless Specialty IP-501. The IP-501A, with tubes, sold for \$8,000 and the IP-503 sold for \$2,300. Both a front view and an inside view of the IP-501A are shown.

MG 1-tube amplifier, WT, no case	225
Michigan 1-tube radio	175
Microphone, unknown, table stand, ring suspension, no name tag	225
Microphones, box lot, (2)	30, 35
Mignon Wireless RLC tuner, (one of two known to exist), g	11,000
Military, BC-148 receiver/transmitter, vg	500
Military, BC-14A, WWI, by DeForest, vg ...	1,500
Military, BC-14A, WWI, by General Radio, g .	500
Military, BC-14A, WWI, by Liberty Electric, super, vg	900
Military, buzzer telegraph set, WWI	55
Military, Fuller phone, WWI	65
Military, German WWII backpack receiver/transmitter, w/accessories, g	350
Military, German WWII field transmitter, WT, g	425
Military, Kellogg WWI field telephone	45
Military, IP-501 receiver, vg	2,500
Military, Mark II WWI aircraft 2-tube transmitter, in crate, w/accessories	900
Military, Mark II WWI aircraft 2-tube transmitter, by GE, in shipping crate	850
Military, WE SCR-68 aircraft receiver/transmitter, WT, g	1,300
Moon Radiophone silver horn for headphone use, vg	475
Murdock cased tuning condenser	5
Murdock CS-32 3-dialer, WT, g	125
Murdock "megaphone" horn speaker, driver g	400
National NC-33, g	25
Neutrowound, WT & tube caps, needs some repairs	1,000
Norden-Hauck Super 10, WT, vg	3,000
Novelty, small wood cigarette dispenser, looks like crystal set	85
Novelty, Beam bottle in shape of cathedral radio	20
Novelty, coffee cup radio	5
Orchestron DeLuxe horn speaker, driver g	95
Orchestron DeLuxe horn speaker, driver g, vg	225
Ornate drum speaker	85
Orthosonic metal case radio	35
Parts, box dials & knobs, (2 lots)	20, 40
Parts, box of 4 Aero coils, N.O.S.	30
Parts, box of transformers, (±10), (3 lots)	35, 45, 55
Parts, box of sockets, etc., (±30-40)	80
Parts, box of coil wire, (±40 spools)	15
Parts, box of honeycomb coils, etc.	90
Parts, box of large tube sockets	45
Parts, box of National coils	40
Parts, box of phonograph attachments & drivers	25
Parts, box of rheostats	20
Parts, box of tube sockets	20
Parts, REL transmitting coils, (2)	30
Parts, crystal detector & tin	20
Parts, crystal detector unit	30
Pathé tower cone speaker, open driver	200
Philco 20 cathedral, g	115
Philco 37-84 cathedral, g	65
Philco 38-10 wood table, 4 knobs, f	85
Philco 40-120	10
Philco 60 cathedral, f+	75
Philco 70 cathedral, g	250
<i>(Continued on following page)</i>	
Light bulb & socket, early, gf	90
Light bulb, unusual, gf	15
Magnaformer superhet, WT, vg	125
Magnavox A horn, large, repaired	225
Magnavox A1R, Model A horn & 1-tube amp, WT	200
Magnavox R-3 horn speaker, g	70
Magnavox R-3 smaller horn speaker	100
Magnavox Telemegaphone large horn speaker, driver g	200
Magnavox Telemegaphone MC-2 control box, (2)	65, 85
Majestic Treasure Chest radio, f+	275
Malden Bros. large old wood variometer	600
Marconi 107A receiver tuner, missing parts, incomplete	15,000
Marconi 294A receiver, g	19,000
Marconi transmitter/receiver knife switch, w/tall insulators	475
Marconi tuning condenser, wood base, ca. 1906, large	2,100
Martian crystal set	650
Mecograph bug, in wood box	500
Mercury 1101 tube tester, N.I.B.	30
Metrocone cone speaker on floor stand, driver g, new paper, vg	850
Metrodyne single dial battery set, decorated panel, WT, vg	150

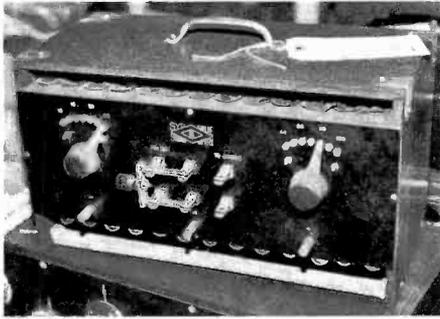
(Estes Auction, continued)

Philco 121 wood mantel set, g	105
Philco Jr. cathedral, g	105
Philmore crystal set, old	45
Phonovox electric tone arm for Victrola, in box	40
Pilot Super Wasp, w/battery eliminator, vg ..	225
Pilot TB37 3" TV, vg	250
Porter KD early motor, on stand	125
Power Tone (Jukebox Style) miniature table console, 3 knobs	55
Quallitone midget horn speaker, driver open, g.	215
Quallitone rectangular loop antenna	100
Radio Apparatus loose coupler, g	200
Radiosphere horn speaker, unusual	1,000
Ramstone Special 2-dialer 1-tube set, WT ..	115
RCA 5T tombstone, 4 knobs, f	45
RCA 44A microphone	1,400
RCA 630-TS table TV	55
RCA 813 large "Magic Brain" console, vg	45
RCA 1400 detector unit	85
RCA Aeriola Jr. crystal set	275
RCA AR 951 highboy amplifier & speaker ...	115
RCA condenser microphone element	50
RCA R8 tombstone, missing 3 knobs, g	145
RCA Radiola 17, no hood	75
RCA Radiola 24 portable, w/loop, back p, WT	150
RCA Radiola 26 portable, g	350
RCA Radiola 28 on table, WT, loop & meter, vg	175
RCA Radiola 60, WT, g	65
RCA Radiola 103 tapestry speaker, driver g ..	100
RCA Radiola balanced amp, WT	100
RCA Radiola Consolette highboy, WT	95
RCA Radiola ER-753A crystal set	750
RCA Radiola ER-753A, w/headphones, vg ..	850
RCA Radiola Grand, WT, g	450
RCA Radiola III, NT	90
RCA Radiola III, WT, g	85
RCA Radiola IIIA, NT, (2), g	75, 80
RCA Radiola IV, WT, vg	700
RCA Radiola large cage loop antenna, f	85
RCA Radiola RA and DA, WT, vg	1,500
RCA Radiola Special, metal case, w/lid, g	1,300
RCA Radiola Super 8 console, WT, vg	200
RCA Radiola V, w/top & crystal	375
RCA Radiola VIIB, WT, vg	3,200
RCA Stratoworld (like Trans-Oceanic), leather	45
Records, 78 rpm, (25)	20
Regina table music box, w/30 discs	1,200
Riley-Klotz folded horn, open driver, vg ..	300
Saxony, Japanese, small, cream & green, post-war plastic	80
Scott 800B radio/phono, Deco, heavy, wk ...	100
Scott, E.H., 12-tube single chassis, w/ speaker, no cabinet	150
Scott, E.H. 601 shield grid unit, w/Type 45 amp & speaker, no cabinet	325
Scott, E.H., Stradavarius, complete w/2 chassis & speaker, in home-brew console cabinet, g	1,300
Scott, E.H., TV, table, rear-projection	900
Scott, E.H., World's Record Super 10, WT, vg	1,800
Serranado 1-tube set, small wood box, WT	350
Shure 5B suspension microphone for ring stand, no stand	200



Both front and internal views of the Mignon Wireless RLC tuner that sold for \$11,000.

Shure microphone, element only, for suspen- sion ring stand	30
Signal loose coupler	125
Signal portable, 1950s	35
Silvertone 6057 tombstone farm set, vg	85
Slagle IV, 3-dialer, slant-front, (Ft. Wayne) ..	65
Sodion DR-6 receiver, w/two D-11-1 amps, all WT, all in one box	2,400
Spark coil, large wood box, uses Marconi patent, vg	105
Spark coil, wood case, no name, g	95
Spark era items display, mounted on board ...	250
Spark gaps, several	20
Sparton AC6, WT (Kellogg & Sparton)	85
Speedex practice set, in box	15
Standardyne, WT	45
Starlight small red transistor	12
Steinite crystal set, g	200
Stewart-Warner "bar radio," minus 1 knob & some glassware	150
Stewart-Warner 300 3-dialer, WT	65
Stewart-Warner tombstone, Bakelite, simulated wood, 2 knobs, PB	105
Stromberg-Carlson Neutrodyne	70
Stromberg-Carlson Type 10 large cone speaker, on floor stand, driver g, vg	250
Telefunken tombstone battery set, g	130
Telegraph key & sounder, on base	25
Telegraph key, old, large, g	275
Telegraph sounder, on stand	65



A Lane SYD Alkaline storage battery. This wet-cell B battery has selectable voltage outputs and a changeover switch to allow charging.

Telegraph field telegraph set, 1918, w/key & sounder	50
Telegraph, key, Japanese, early, g	100
Telephone, old French candlestick, g	525
Thompson Minuet, (R.E. Thompson) battery Neutrodyne cathedral, WT, g	1,000
Toy, TV repair truck, small, plastic	20
Turner microphone	30
Turx novelty radio	10
Tuska 225 receiver, WT	325
Tuska 1-tube receiver	175
Ultraformer battery superhet, WT	85
Unilog A 3-tube receiver	125
Utah "Bell" speaker, driver g	185
Vibroplex bug, early	200
Victor highboy, 2-chassis console, wk, vg ...	105
Victor table phonograph, w/Columbia reproducer	175
Victor Type E table phonograph, g	1,400
Vogue picture record	40
WE 2A current supply, WT (2)	1,200
WE 2A tuner	2,850
WE 4A loud speaker unit, WT (Type 171) ...	500
WE 4C receiver, WT, g	3,000
WE 4D receiver, WT, vg	800
WE 7A amplifier, WT	500
WE 10D tall horn speaker, driver g	85
WE 25B amplifier, WT (205D), gf	1,600
WE 34B amp, WT (2) (205D)	3,000
WE 540 AW double-cone speaker, driver g, g	150
WE 555 large auditorium speaker driver, all coils g	900
WE 560AW double cone speaker, g	150
WE CW-926B amplifier, WT (3)	1,400
WE CW-928 switchboard	550
WE headphones	15
WE headset, (2)	5, 10
WE microphone, switchboard	50
WE SE-1071 Audion control box	1,400
WE small horn speaker, driver open	250
Webster Electric crystal set, wood box	125
Westinghouse "refrigerator" radio, green, f	60
Westinghouse DA unit, NT	500
Westinghouse RA and DA, WT	250
Westinghouse RC	200
Wetzer, H. telegraph register, on large base, w/key, lots of brass	350

Whitestone B1 slant-front 3-dialer, (G. Boissonnault Co. Inc, N.Y.), WT	150
Winton Type 2 crystal set, wood box, (British)	175
Wireless Specialty IP-501A, WT	8,000
Wireless Specialty IP-503, loading unit for IP-500	2,300
Zenith Radio Nurse, g	900
Zenith 4B131 tombstone, 3 knobs, vg	165
Zenith 6D510 brown plastic, white knobs	70
Zenith 7S232A "Waltons" radio, export model, g	1,150
Zenith lightning arrester, in box	5
Zenith Super 7, WT, g	150
Zenith Trans-Oceanic	45
Zenith Trans-Oceanic, g	55

Paper, Books & Advertising:

Airline radio, framed picture	5
Allied catalogs, (12±)	45
<i>Amateur Radio Handbook</i> , 1963	2
Archer, Gleason, <i>History of Radio & Big Business & Radio</i> , (2), vg	170
Atwater Kent 5 breadboard, framed picture	4
<i>Atwater Kent Instruction Manual</i> , Vol. III	55
Atwater Kent pamphlets, (2)	42
Atwater Kent service book	22
Atwater Kent service manual	55
Audels Vols. 8, 9, 10, hardcover	5
Bucher, <i>Practical Wireless Telegraphy</i> , hardcover, 1917, f, (2)	15, 15
Bucher, <i>Vacuum Tubes in Wireless</i> , hardcover, g	20
Chicago Radio Labs., (C.R.L.), Catalog J-20, 1920, small, f	115
<i>Citizens Radio Call Book</i> , (3), f	40
Crosley illuminated sign from the 1940s, 18" x 12", g	250
Crosley neon advertising clock, "Time For Crosley," 14" dia.	275
Daven Amplifiers manual	10
Emerson radios, framed picture	5
<i>Fascinating Radio</i> , hardcover, w/dust jacket ..	30
Gibson, Charles, <i>Wireless Telegraphy and Telephony</i> , hardcover, f	40
<i>Hallicrafters Dual Diversity</i> , pamphlet	55
Hertz, <i>Electric Waves</i> , 1900, hardcover	155
<i>Letters of Radio Engineer to Son</i> , hardcover ..	10
Leutz, <i>Modern Radio</i> , hardcover	30
Lodge, <i>Signaling Through Space Without Wires</i> , 3rd ed., hardcover, vg	155
Maver, William, <i>American Telegraphy</i> , 1892, hardcover	120
Mazzoto, <i>Wireless Telegraphy & Telephony</i> , 1906, hardcover, f	45
Morgan, <i>Wireless Tel. & Tel.</i> , hardcover, (2), g	10, 15
<i>Operators Wireless Telegraph & Telephone</i> , hardcover, 1919, f	50
Photos, framed, 1910 to 1950 radio installations, (10)	115
<i>Popular Electricity</i> , 1910, bound	60
<i>Popular Electrics</i> , 1912, bound	55
<i>Practical Radio</i> , hardcover	12
Prescott, George, <i>Electric Telegraph</i> , 1866, hardcover	240

(Continued on following page)

(Estes Auction, continued)

<i>Principles of Wireless</i> , hardcover, government book	2
QST, 1920s, (20±)	80
QST, 1921-1924, (10)	25
QST, 1921-1923, (15±)	65
QST, 1923, (2)	5
<i>Radio Age</i> , 1924, (3)	22
Radio catalog, 1928	20
<i>Radio Craft</i> , 1929, (6)	25
<i>Radio Craft</i> , 1930s, (6±)	20
<i>Radio Craft</i> , 1931-1933, (8±)	10
<i>Radio Craft</i> , 1932, mint, (11)	45
<i>Radio Craft</i> , 1932-1937	60
<i>Radio Craft</i> , 1946, (10)	5
<i>Radio Craft</i> , 1946, (6)	5
<i>Radio Craft</i> , 1948, (6) & <i>Radio News</i> , 1926 (8±)	35
<i>Radio Engineering</i> , 1928, (6)	25
<i>Radio Engineering</i> , 1929, (6±)	20
<i>Radio Instruments & Measurement</i> , 1918 hardcover, f	45
<i>Radio News</i> , 1919, (8±)	300
<i>Radio News</i> , 1920, (3)	65
<i>Radio News</i> , 1920, (6±)	55
<i>Radio News</i> , 1920, (6±)	80
<i>Radio News</i> , 1921, (12)	55
<i>Radio News</i> , 1922, (6)	45
<i>Radio News</i> , 1923, (6)	40
<i>Radio News</i> , 1923, (6)	50
<i>Radio News</i> , 1923, (6)	75
<i>Radio News</i> , 1923, (6±)	35
<i>Radio News</i> , 1923, (6±)	70
<i>Radio News</i> , 1924, (5±)	35
<i>Radio News</i> , 1924-1926, (10)	60
<i>Radio News</i> , 1924-1927, (11)	80
<i>Radio News</i> , 1925, (6)	45
<i>Radio News</i> , 1926, (6)	35
<i>Radio News</i> , 1927, (6)	20
<i>Radio News</i> , 1927, (6)	20
<i>Radio News</i> , 1929, (6)	30
<i>Radio News</i> , 1929, (6), g	20
<i>Radio News</i> , 1930, (6)	35
<i>Radio News</i> , 1931, (6)	15
<i>Radio News</i> , 1931, (8±)	10
<i>Radio News</i> , 1935, (12±)	10
<i>Radio Noise & Their Cure</i> , soft, 1929	5
<i>Radio Trade Directory</i> , 1925, hardcover, f	25
RCA Broadcast Transmitter catalog	75
<i>RCA News</i> , (6±)	10
RCA paper, batch	125
RCA red books, (11)	300
RCA Service Books (2)	50
<i>Technical World</i> , bound, 1906 & 7	40
<i>Television</i> , 1928	35
<i>Television</i> , 1930, (8)	200
<i>Vacuum Tubes</i> , hardcover	45
<i>Wireless Age</i> , (7)	65
<i>Wireless Age</i> , (8-10)	60
<i>Wireless Age</i> , 1916, (12)	150
<i>Wireless Age</i> , 1917, g, (8)	110
<i>Wireless Age</i> , 1918, (6)	75
<i>Wireless Age</i> , 1924, (5±)	45
<i>Wireless Telegraphy</i> , hardcover, 1915	20

Tubes:

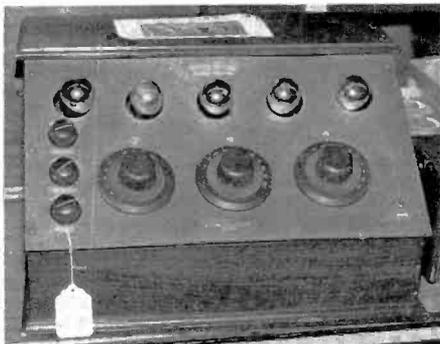
01-A, (4 gf), (6)	25
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Another big-scale item is this Malden Brothers variometer that brought \$600.

01-A, gf, (3), (10)	25, 85
01-A, globe, gf, (17)	135
01-A, globe, (15)	135
01-A, globe, gf, (10),	80
01-A, rainbow, BB, TT, gf, (4 lots, 2 ea.)	75, 85, 85, 125
01-A, rainbow, BB, TT, (2)	95
01-A, rainbow, BB, TT, gf	40
01-A, ST, gf, (4), (8)	15, 60
01-A, ST, in box, gf, (4)	30
1L6, N.I.B., (2)	85
2A3, gf, (2)	40
5AR4, N.I.B., (3)	155
6E5, gf, (6)	20
10, globe, gf	45
10, ST, N.I.B.	35
24A, (30)	30
26, globe, in box	25
26, NOS, (4)	20
27, globe, (15)	10
45, globe, gf, (2), (2)	20, 55
46, N.I.B., (4)	20
50, globe, gf	85
50, ST, gf	25
101D tennis ball, gf	85
101F tennis ball, gf	85
102F, display only	15
202, peach, gf	55
302, peach, TT	40
6550, used, gf, (2)	55
Airline 201, gold, gf	45
Airline, gold, gf, (2)	55, 55
Arcturus 27, TT, gf, (2)	20
Arcturus blue 45, gf	65
Arcturus blue 80, gf	40
Arcturus blue PZ, gf	40
Arcturus blue, only 1 is g, (3)	10
Ballast, early (for Radiola Grand?)	35
Box lot of German tubes	70

Box lot of tubes	75
Box lot of tubes, N.O.S., (22)	30
Box lot of big pin tubes, (20±)	20
CG-1162, BB, TT, gf	25
Cunningham 01-A, globe, N.I.B., (2)	45
Cunningham 862 transmitter tube	35
Cunningham 50, ST, gf	55
Daven MU-6, gf	10
DeForest 01, gf	50
DeForest 45, globe, gf	40
DeForest D01-A, gf	35
DL-5, gf	45
Donnelly detector tube, gf	85
DV-2, gf	65
DV-2, gf, (2)	115
DV-3, (1 gf), (1 dud), (2)	50
DV-5, gf, (2)	30, 40
Federal F128 large transmitter tube, gf	45
Flats of tubes, (6)	65
French R tube, WWI, gf	75
GE 2A3, N.I.B.	10
Gold Seal (1) & (2) boxes	20
Knight 199, in box, (1 g), (2)	25
Marconi R5D, gf	50
Meyers hi-mu, gf	70
Moorehead ER, gf	90
Moorehead VT, gf	105
Mullard 5AR4, (3)	135
Mullard 12AU7, N.I.B., (10)	65
Osram S645, 1st screen grid tube, gf	25
QRS red top, gf, (2)	20, 25
QRS UV style red top, red base, gf	65
QRS, gf, (2)	50
Rayco 01-A, TT, BB, gf, (2)	125
Raytheon 47, N.O.S., (6)	50
RCA 2A3, (2)	50



A seldom seen Whitestone Model B1 (Boissenault Co.), a 3-dialer with five exposed tubes. This battery set sold for \$150.

RCA 211, BB + 1 display, (2)	60
Sodion S13, display only	25
Sonotron power tube, gf	40
Sovereign AC tube, in box, gf	55
Sparton 401, in box	10
TB-1 regulator tube, BB, TT	5
TV-1, N.I.B. gf	30
UV199, TT, gf, (2)	20
UV201A, BB, TT, gf, (2)	70
UV201A, BB, TT, (2)	50
UV202, BB, gf	15
UV202, peach, BB, TT, gf	20
UV216, early, BB, TT, gf	35
UX199, gf, (3)	30
Vacobulb, gf	120
Van Horn power tube, gf	45
Volutone Type A, BB, gf	25
VT-1, early, display tube	40
VT-1, gf	65
VT-5, N.I.B.	20
VT-4C, used, gf, (3)	95
WD-11, BB, TT, gf	85
WD-11, BB, TT, display only, (3)	20
WD-11, N.I.B.	35
WD-12, BB, gf	25
WD-12, BB, TT, gf, (2)	10, 30
WE 101F tennis ball	55
WE 101F tennis ball, gf, (4)	75, 75, 80, 85
WE 102, display only, (2)	20
WE 102F, gf, (2)	65, 75
WE 215A, N.I.B.	30
WE 216A tennis ball, gf, (2)	40, 45
WE 228 rectifier, water cooled	35
WE 242B transmitter tube, gf	45
WE 251A large transmitting tube, on wall mount	100
WE 259A, N.I.B.	30
WE VT-1, gf	80
Westinghouse 272 or CG-1860 large transmitter tube, dud	25



This Victor 2-chassis highboy console brought \$105.

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060; Estes Auctions, 404 Ryan Rd., Medina, OH 44256; (330) 469-4002; estesauctions@aol.com)



A.R.C. RATES & POLICIES

GUARANTEE. You may cancel your subscription at any time and receive a pro rata refund for issues not yet mailed. If errors do arise are made by A.R.C., upon request a free correction will be run in the next available issue.

PAYMENT. Please send in full payment with your order or ad. A.R.C. does not carry accounts; all subscriptions, ads, etc. must be prepaid (except for the 6 and 12 month display ads indicated below). Pay in U.S. funds. Checks drawn on a U.S. bank, money orders, VISA or MasterCard (\$10.00 min.) are preferred. Make check out to "A.R.C." Cash is OK for small amounts. Canadian payers may send a Canadian check but specify *U.S. funds*. Subscriptions will be prorated to amount sent if amount is incorrect.

FAX & E-MAIL PROCEDURES/PAYMENT. Subscriptions, book orders, classified ads, display ads, etc. are welcome by fax or e-mail. Deadlines are the same as for ads received by mail. Please calculate the amount due. Payment by VISA or MasterCard is preferred if your order is over \$10. If under \$10, or if you prefer to send a check or money order, state the amount being sent and that the payment is in the mail. Do not send another copy of your ad with your payment; simply indicate that it is a fax or e-mail payment. If you want confirmation of our receipt of your fax, call immediately after sending your fax.

CHANGE OF ADDRESS. Please notify us 4 weeks in advance of a change of address. Send both your new and old addresses, and include your SUB# and effective date of your new address. Temporary address changes can be made also.

SUBMISSION OF MATERIAL. **Antique Radio Classified** welcomes and solicits information that pertains or relates to radio history or collecting. This may include articles, book reviews, photos, information on upcoming radio events, meetings, antique radio organizations, radio auctions, sources of old radio and restoration supplies, and other related and interesting material. All material submitted should be carefully researched, typed and accompanied by good photos, if appropriate. Computer disks are appreciated. Writing guidelines are available upon request.

PUBLISHING RIGHTS. Unless other arrangements are made: (1) All received materials (ads, articles, letters, correspondence, e-mail, photos, artwork, etc.) become the property of A.R.C., may be edited, combined with other material, published, and will not be returned. (2) For all received materials, A.R.C. is granted publishing and reprint rights in all forms of media including the monthly printed magazine, internet, etc. (3) Publication is subject to approval by A.R.C. and to time and space constraints.

MAILING OF ISSUES. U.S. subscribers can receive A.R.C. by First Class or Periodicals mail (Periodicals is the way most magazines are mailed). The mailing of First Class copies is staggered with faraway copies mailed before local copies. Non-U.S. copies are mailed on the first day. Periodicals copies are mailed on the last day. Mailing dates change each month, but mailing is usually completed by the 27th of the month. First Class copies usually are received by the 5th of the month; copies by Periodicals mail, by the 10th.

ETHICS. No person involved in the production of A.R.C. is to act on any information in the magazine until the first delivery day after local copies are mailed.

DISCLAIMER. The publisher is not responsible for any buying and selling transactions incurred, or for any other use of the contents of this publication.

Antique Radio Classified subscription rates, frequency of publication, content, policies, size and ad details, and rates are subject to change at any time by A.R.C.

DISPLAY AND BUSINESS CARD ADS • DETAILS AND RATES

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 non-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 1/8-page or larger ads and only if requested when the ad is submitted.

First business card per advertiser is at lower rate.

The 3-month rates represent about an 11% discount, the 6-month rates 23%, the 12-month rates 30%. Placement requests: add 15% but call first. Clubs: write for discount policy.

Page	ARTWORK SIZE (SEND IN THIS SIZE)		As Printed (size in magazine)		Cost for 1-month	Cost for 3-months	Cost for 6-months	Cost for 12-months	One Time to make up Ad
	H x W (inches)	H x W (inches)	H x W (inches)	H x W (inches)					
Full	7 3/4 x 4 3/4	7 3/4 x 4 3/4	7 3/4 x 4 3/4	7 3/4 x 4 3/4	\$289.00	\$769.00	\$1329.00*	\$2325.00**	\$69.00†
1/2 H	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	146.00	389.00	675.00*	1175.00**	37.00†
1/2 V	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4	146.00	389.00	675.00*	1175.00**	37.00†
1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	74.00	197.00	342.00	595.00	19.00†
1/8	1 5/8 x 2 1/4	1 5/8 x 2 1/4	1 5/8 x 2 1/4	1 5/8 x 2 1/4	38.00	101.00	177.00	305.00	9.00†
Business Card (1st)	2 x 3 3/4	1 1/4 x 2 3/8	not avail.	not avail.	not avail.	53.00	90.00	159.00	7.00†
Business Card (2nd....)	2 x 3 3/4	1 1/4 x 2 3/8	not avail.	not avail.	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.



CLASSIFIED ADS • DETAILS AND RATES

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 29¢ 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 two months) 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, l and I (the number one, the capital i and the small L.) Also: 0, O, o, Q and D; 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].

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.

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 20 words may not be used for club activity ads. A discount on display advertising is available for clubs.

CLASSIFIED AD DETAILS

Deadline: NOON ET— 10th of the month!

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 is required in all classified ads; we will add it if you forget.

Classified Ad Rates per Month

Subscribers:

- First 20 words: **FREE***
- 29¢ per word for extra words over 20 **plus**
- 10¢ per word for a shaded ad (count all words including free words).

* Subscribers may take 20 free words on only **one** ad each month.

Non-Subscribers:

- 47¢ per word **plus**
- 10¢ per word for shaded ad.

Please do not forget to send in the extra 29¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Deadline: 1st of the month!

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with "For Sale," etc. Minimum run is 3 months, prepaid. Discount: 10% for 6 months; 20% for 12 months.

Boxed Classified Ad Rates per Month

Nonshaded ads:

- 40¢ per word for all words,* none free, **plus**
- 10¢ per word for each bold word **plus**
- 10¢ per word for each all-caps word.

Shaded Ads (All words are bold at no charge):

- 50¢ per word for all words **plus**
- 10¢ per word for each all-caps word.

Non-Subscribers:

- Add 20¢ per word to above costs.

*Three words can be bold-all-caps at no extra charge.

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

\$23.00 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 is 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.



FOR SALE: Military whip antennas, E.H. Scott RBO-2 receiver - \$295. Bruce Beckeney, 5472 Timberway Dr., Presque Isle, MI 49777. (989) 595-6483

FOR SALE: Popular Communications magazine, 1992 to 2004, 11 years, 132 copies, top condition - \$70 + postage. Daniel Seidler, 10337 S. Keating Ave., Apt. 202, Oak Lawn, IL 60453. (708) 424-2057

FOR SALE: In Door County, antique and collectible electronics. Road east of Country Bumpkin Antiques. John Enigl, Sr., K9HJL, Cherry Lane Old Radios, 5425 Tart Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

FOR SALE: Selling my nice Vibroplex, rare Model X Sr. No. 63XXX pp - \$275 firm. Robert Enemark, W1EC, PO Box 1607, Duxbury, MA 02331. (781) 585-6233

FOR SALE: Philco lovers. 1963 promotional "Philco. I'm The Liveliest!" flicker lenticular badges, original, not replicas - \$30 ea. Jon Golden, PO Box 715, Carlisle, MA 01741. (978) 371-5557. E-mail: jon@make3dimages.com

FOR SALE: Beautiful black Zenith 4G903 flip up dial portable, plays - \$40. Millivac MV-823 RF millivoltmeter with probe and adapters, calibrated - \$80. Rod Galloway, 2961 S.E. 152nd Ave., Morriston, FL 32668. (352) 528-9499. E-mail: rodg3@webkraft.net

FOR SALE: Antique table model radios, Bakelite & some wood. Call: Adrian LaPierre, 1314 Gardner Rd., Fort Mohave, AZ 86426-9315. (928) 758-6352

FOR SALE: Collins 51J-41, another for parts. WWII Collins column magazines. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE: Vacuum tubes! Our tube inventory just keeps growing and growing! Call/fax/e-mail for our free tube catalog. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Refurbished, vg, generators: Hickok 288X, HP200 audio, HP211A squarewave. Best Offers. David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. (303) 681-3258

FOR SALE: Setchell Carlson 21" round screen console, mahogany in color, unitized chassis. Have lots of extra new units also. Pick up only. Ann Bichanich, 15 W. Lake St., Chisholm, MN 55719

FOR SALE: Radios: Motorola 55B1 4-tubes, 117 VAC or batteries - \$25. Motorola 69L11 5-tubes, 117 VAC or battery, tan & silver - \$25. Silvertone 2033 5 tubes clock radio, brown & ivory - \$30. RCA RDZ 400B 5 transistors clock radio, tan - \$30. GE 7-2660C transistor AM-FM 120 VAC & 4-AA batteries earphone jack, black & silver - \$25 plus S&H. Angelo J. Milardo, 201 English St., New Haven, CT 06513. (203) 624-1015

FOR SALE/TRADE: Outstanding Shutterdial & Motordial consoles. Trade for: Arborphones, Cavacs & International Kadettes. Delivery: July MARC Extravaganza! C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: ken@kennevins.com

FOR SALE: Philco 111 lowboy - \$150. Philco 112X, untested, beautiful - \$150. Philco 95 lowboy, untested - \$125. Philco 65 lowboy, beautiful - \$300. Don Willard, 5 Plank Ln., Glastonbury, CT 06033. (860) 368-2464

A.R.C. Advertising Policy
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: N.I.B. CRT tubes as listed. Numbers 5ABP7, 5CP1, 5BP1, 3AP1 and 3GP1 - \$10 ea. plus shipping. Ph. or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

FOR SALE: Hallicrafters TW1000A, excellent condition - \$395. Trans-Oceanics: H-500, excellent condition - \$349; 3000-1, good - \$95. Ted Demski, 5806-225 Pl. SW, Mountlake Terrace, WA 98043. (425) 778-7100. (425) 345-1670

FOR SALE: Practical Color Television, by RCA Service Co., 78 pp., vg - \$10 ppd. Henry C. Loos, 210 Ingraham Ln., New Hyde Park, NY 11040. (516) 354-1943. E-mail: hcloos@optonline.net

FOR SALE: Zenith 1940 radio, black dial, multi-band, cabinet excellent condition, works, receives Moscow-Singapore - \$450. John M. Wearmouth, PO Box 296, Port Tobacco, MD 20677. (301) 934-8827. E-mail: stonesthrowantiques@att.net

FOR SALE: L.L. Cooke's Job Ticket Handbook for Electrical Men, electrical, automotive & radio, hardcover, 1927. Hardcover, The Great Radio Heroes, Jim Harmon, 263 pp., 1967. Ajjala Repair, 50 Fir Cir., Babbitt, MN 55706-1220

FOR SALE: Hallicrafters SW500, exc - \$50. SW 38C, fair - \$35. Antique Zenith G-723, cracked case - \$20. Yaesu FRG7, mint - \$150. Tube tester, TV3B/U - \$30. Sig. gen. URM 25D - \$30. Oscope USM 117C - \$50. All plus shipping. Gene Garrison, K4KSU, 7187 Silver Beech Ln., Warrenton, VA 20187. E-mail: excelinc@starpower.net

WANTED: Theremin (electrical acoustic instrument boxed). Would like to know how do I go at buying one? David Row, 5 Omar Khayyam AVC, Teachers Estate, Singapore 788531. Ph. 64550777. E-mail: rowSoka@singnet.com.sg

WANTED: Model 15 chassis, speaker and knobs for Majestic 156 grandfather clock radio. Sherwood Morse, 770 Cummings Rd., Montpelier, VT 05602. (802) 223-7702. E-mail: sherwood.morse@verizon.net



WANTED: Emerson Catalin radios. Nobody pays more than I. What an arrogant and inaccurate thing to say. I mean, like there isn't anyone wealthy enough, dumb enough, desperate enough – or any combination of the three – to pay even a dollar more than I would pay. I mean, c'mon, who am I trying to kid! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Looking for literature, documents and personal experience with TV signal boosters and UHF converters, circa 1947-55. I'm writing a history of these things and there are lots of gaps to fill. Please help! Visit <http://tv-boxes.com>. Mark Nelson, 17 Wentworth Rd., Natick, MA 01760. (508) 655-5951

WANTED: 10 1/2 inch reel-to-reel tape deck or recorder. Must be in good working condition. Tim Slater, 2515 Culver Rd., North Apt. 134, Rochester, NY 14609-1714. (585) 467-3469

WANTED: Tube setup chart, schematic, operating instructions for EMC Model 208 tube tester. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915. E-mail: dfoxradio@aol.com

WANTED: National NTE-30, NTX-30 transmitters; NSM modulators – \$1,000 ea. if original, workingness unimportant. Greg Gore, WA1KQB, 11528 Watermoss Ln., Charlotte, NC 28262. (704) 549-4719. E-mail: gardgore@aol.com

WANTED: Merle Duston's Radio Library, Volumes 1-12. Richard Dzick, 37079 Tamarack Dr., Sterling Heights, MI 48310. (586) 268-4671. E-mail: rwdzick@tm.net

WANTED: Pair of 5 in. permanent magnet tweeters, full back covers, 1940s & 50s, excellent. TCM, PO Box 363, Rotterdam Jct., NY 12150. E-mail: dkvean@capital.net

WANTED: Hickok 532 manual or copy; Type 81 (6 volt) automotive bulbs, as used in 532; Yaesu FP-800HD P/S in charcoal gray case; Bliley VF-1 crystals 3875-3895, 7275-7295 kHz with top knob adjustment. **FOR SALE:** 200 panel meters in one lot. List available SASE. Pick up, or meet purchaser within 125 miles. Will not ship! Geo. H. Goldstone, W8AP, 1010 Burnham, Bloomfield Hills, MI 48304. (248) 647-3399

WANTED: Chassis for Philco 46-142 w/out tubes. Ernest Bigler, 292 Cleveland Ave., Macon, GA 31204. (478) 746-6616. E-mail: leroybigler@cox.net

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

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WANTED: Your N.O.S. vacuum tubes. We are always buying tubes in quantity. Send us your list, we will promptly quote. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

WANTED: Need a schematic for a Zenith MM-2406 console. Denton Lahner, 505 N. 10th St., Reading, PA 19604. (616) 372-2487

WANTED: Cabinets for RCA 45X1 & RCA 9TX1, Bakelite or wood. Jim Ligouri, 7 Sycamore Ct., Atkinson, NH 03811. (603) 362-5712. E-mail: jjligouri@aol.com

WANTED: Sony TR-63 parts sets, any color/condition. Offering \$1,000+ for Sony TR-66 or TR-62. David Mednick, 10 Doe Dr., Wesley Hills, NY 10901-2302. (845) 354-5041. E-mail: davemed@optonline.net. Web: <http://mednick.homestead.com/Mednick.html>

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FOR SALE: Many nice transistor radios. Call or e-mail for list. Take 30% off. Doug Ferrero, 70173 Hillside Ct., Romeo, MI 48065. (586) 336-0120. E-mail: w8ynz@bignet.net



FOR SALE: Dynair RX-4B off-air television demodulator (tuner), good working condition – \$100. Al Ross, 3309 214th St. SW, Brier, WA 98036. (425) 775-8853. E-mail: Bartohill@aol.com

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FOR SALE: Everyday low prices on tubes, transformers, components, wire, supplies, grille cloth, glass dials, books, etc. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE/TRADE: Gorgeous Zenith Shutterdial, RCA-Victor Motordial 811K, Stromberg-Carlson 535M. Delivery - MARC "Extravaganza", July 9, 10th @ Lansing, MI. C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019 evenings please. E-mail: ken@kennevins.com

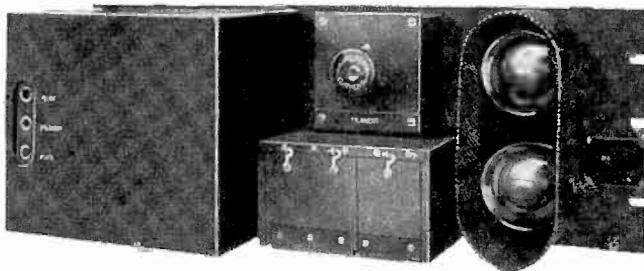
FOR SALE: Beautiful 1938 Stromberg-Carlson 360M console w/remote control & electric push-button tuning, rebuilt, excellent – \$650. James Burnett, 622 Edgewater Blvd., 101, Foster City, CA 94404. (650) 357-0060

FOR SALE: Precision resistors used in various test equipment, plus germanium transistors & N.O.S. & good used tubes. Alan Batson, 8235 Craig St., Philadelphia, PA 19136. E-mail: tvbat@comcast.net

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- 1995 Zenith Trans-Oceanic, Steinway Capehart, Ken-Rad, Radio Shop J, Freshman Master Speaker, Broadcast Equipment, Philco Survey, Power Transformers, Tube Testers,* Radio Apparatus Co., L.E. Knott Apparatus Co., Ford Museum Auction in color, Ozarka, 1994 Index. (108-116 pgs.)\$24
- 1996 Communications Receivers, KDKA, Philco Designers, Radiola IV, WJZ, Art Deco Radios, Herrold Microphone, Tuning Battery Sets, Paul Godley & Paragon, Soldering, Webb Microphone Collection, Mirrored Glass Radios, Samson Electric Co., Russian Red Star, Echophone EC-1. (100-116 pgs.)\$24
- 1997 Thompson Minuet, Marconi Archive Auction Saga, Frank Krantz, Emerson Multivalve Radios, De Forest Detectors & Tuners, Remote Control Radios, Ekko Stamps, Freshman Polydyne, Vintage Audio Recorders, Selenium Rectifiers, DeForest Reflex Sets, Early Zenith. (100-116 pgs.)\$24
- 1998 Sears Commentator, 300B Tube, Replica Nameplates, Australian Radios, WMAZ, Espey, Nipper, Early Wireless, Rider's Volume 1, Pilot Radio, Browning-Drake, Army-Navy Numbering System, Cortlandt St. Radio Row,* Pooley Co., Transistor's Early History. (100-108 pgs.) \$24
- 1999 Reinartz Receiver, Cone Ship Speakers, The Internet, WebTV, Military Equipment,* Krantz Estate Auction, Atwater Kent Time Capsule, Atwater Kent Radiodyne, RCA Radiolas for 1923/24, 15th Year Special Issue, Australian Pedal-Operated Radio, Early RCA TV, Battery Set Power Supplies. (100-108 pgs.)\$24
- 2000 Early Ham Radio, Rider's Manuals, Meets & Auctions, Canadian Independent Telephone Company, Military Equipment,* Early Wireless, Wilcox-Gay, Grundig-Majestic, Recasting Metal Parts, Leutz, TV, Riga, Superhets, Loose Couplers, Musette, Nordmende, E.H. Scott, Victor. (84-100 pgs.) \$24
- 2001 Grebe, Philco, Home Brews, Airlife, Loose Couplers,* Mignon, Radio Postcards, DeForest, RCA, Restoration & Repair,* Kolster, Meets & Auctions, Zenith, Million Dollar Muchow Auction, Crosley, Early Wireless, New York Radio Row,* Marconi. (84-100 pgs.) \$24

* These articles continued for one or more years and some continue today.

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(#14Nov-02)

WANTED: Homchargers and Crescent battery chargers made by Kodol and Automatic Electrical Devices. John Leming, 5 Sturbridge Dr., Cold Spring, KY 41076. E-mail: jonlem1@hotmail.com

WANTED: Dial pointer for Silvertone Candycane (commentator). Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old_radios@yahoo.com

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WANTED: Zenith console cabinet Model 12S568E, 12S569Z, 12S568Z, 12S550Z to fit chassis 12A1. Norman Reiss, 360 South St. W, Deer Park, WI 54007. (715) 269-5473



WANTED: Motorola Catalins #'s 50XC, 51X15, and 52, as complete or "parts" sets. I am a very serious collector seriously looking for serious stuff (leaving all kidding aside, of course)! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Accessory power supply, 12 volt for Zenith 3000-1 portable radio. A.M. Eisenstein, 10815 Falstaff Rd., Sebastopol, CA 95472

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

WANTED: I buy collections of wireless, battery radios, crystal sets, Marconi, pre-1922 tubes. Howard Stone, 48498 Peaceful Valley Rd., Deer River, MN 56636. (218) 659-2702. Web: www.stonevintageradio.com

WANTED: Vol/tone/switch control for Zenith G730 or similar. Art Zech, 11240 Bertrand Ave., Granada Hills, CA 91344. (818) 363-6019

WANTED: Parts for SCR-178: generator GN-37, insulator IN-85, lamp LM-18, insulator mounts to case, chest leg sockets, other parts. Robert Forte, PO Box 160, Lake Luzerne, NY 12846. (518) 696-2400. E-mail: rforte@frontiernet.net

WANTED: National SW-54 receiver in working condition. Thanks. Ken Smith, N3566 Behnke Rd., Weyauwega, WI 54983. (920) 867-4041

WANTED: Zenith IF frequency 252.5 KC transformer or junk Zenith chassis with 252.5 IF frequency. Wilbur Kinchens, 2441 N.W. 58th St., Miami, FL 33142. (305) 624-8648. E-mail: wilbur@miamidade.gov

WANTED: E.H. Scott! E.H. Scott! E.H. Scott! Interested in Scott battery and AC sets, military, accessories, advertising, and literature. Check with us before selling your items, we are very serious Scott collectors. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

WANTED: Pilot 3" TV, parts set. Charles Mooney, N3RQY, 13018 Midsummer Ln., Bowie, MD 20715-3030. (301) 464-1624. E-mail: charliemooney@webtv.net

WANTED: DB-10 or D-20 Bogen audio amplifier, condition not important, preferably with schematic. Charles Graham, K2GVE, 4 Fieldwood Dr., Bedford Hills, NY 10507. (914) 666-4523

WANTED: Transvision B-1 television signal booster. Pictures at <http://tv-boxes.com>. Mark Nelson, 17 Wentworth Rd., Natick, MA 01760. (508) 655-5951

WANTED: Need RF signal tracer probe for EICO 145 tracer or parts to make one. Need 4 or 5 glass grid leaks with labels for rebuilding. Need 3 of the square type tube shields to fit late 30s Philco radio, also 1 square bottom tube shield ground clip. Tombstone cabinet with escutcheon to fit Philco Models: 37-670B, 37-2670B or 38-2670B, with or without the 1200 ohms field coil speaker. Gary Heisey, 3112-C Main St., Conestoga, PA 17516. (717) 871-9485

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FOR SALE: Tube adaptors for 45 and 50 type tubes – \$16 and \$20 plus UPS. J.F. Sinwell, 511 Newport Dr., Greensburg, PA 15601. (724) 834-0763

FOR SALE: Atwater Kent 55 with F speaker – \$120. Leonard Aquino, PO Box 741, Jefferson Valley, NY 10535. (845) 528-6857

FOR SALE: Heathkit tube type AM/FM tuner, more info., jpeg. Irvin Sanders, 242 Hunter Ln., Harrisburg, PA 17112. (717) 469-2185. E-mail: z0000001@juno.com

FOR SALE: Electronic magazines. Over 100 pcs., no choice, must take all – \$30 plus postage. Daniel Seidler, 10337 S. Keating Ave., Oak Lawn, IL 60453. (708) 424-2057

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FOR SALE: Sonar 2 meter AM mobile – \$100. Palomar electronic keyer w/paddle – \$40. Skillman bug – \$75. Richard Prester, 131 Ridge Rd., W. Milford, NJ 07480. (973) 728-2454. E-mail: rprester@warwick.net

FOR SALE: The biggest, baddest receiver ever made: Pioneer SX-1980, needs some work – \$1,000. V. Vogt, 330 SW 43rd St. #247, Renton, WA 98055. (206) 898-0880

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New Jersey Antique Radio Club Antique Radio Indoor Swap Meet

**Saturday, July 31, 8:00 AM (7:00 AM Vendor Setup)
American Legion Hall, Dover, NJ**

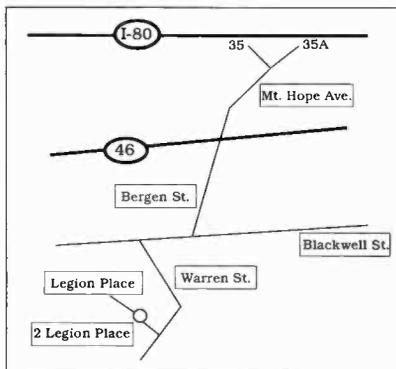


NJARC presents its Summer swapmeet at the spacious, air-conditioned American Legion Hall in Dover, N.J. Spaces are guaranteed to the first 65 reservations. A \$5.00 buyer donation is suggested.

DIRECTIONS: From The East, North or South take I-80 West to Exit 35A (Dover). [I-80 West can be reached from the North via I-287 South or the Garden State Pkwy (South) or from the South via the N.J. Turnpike (North) to the Garden State Pkwy (North) to I-280 West] From the West, take I-80E to Exit 35 (Mt Hope, Dover). Follow Mt. Hope Ave. South, crossing Route 46 (where Mt. Hope Ave. becomes Bergen St.) and turn right on Blackwell St. Go to the third light and turn left on Warren St. Go two blocks, crossing the RR tracks. The American Legion is on the right (2 Legion Place).

RATES: NJARC members \$15/space; non-members \$20/space.

RESERVATIONS: Marv Beeferman, 2265 Emerald Park Drive, Forked River, NJ 08731 (609-693-9430). Phil Vourtsis, 13 Cornell Place, Manalapan, NJ 07726 (732-446-2427)



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- SATURDAY AUCTION WITH RICH ESTES
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- INFORMAL SOCIAL HOUR WITH LIVE ENTERTAINMENT
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EXTRAVAGANZA '04 Registration

Note: Everyone attending EXTRAVAGANZA must register! The monies collected from registration are a major source of revenue that helps pay for the event. Your cooperation is greatly appreciated.

Family Registration (All registrants must live at same address)		TOTAL
Current MARC member	\$15	\$
Non-MARC member	\$25	\$
Outdoor Flea Market sellers. Please note outdoor tables will require a \$10 ea., cash deposit at time of pick-up. The deposit will be returned when the table is returned.		
1st outside Flea Market space (\$25)		\$
Additional outside spaces <input type="text"/> # spaces x \$15 each		\$
8' table to rent <input type="text"/> # tables x \$15 each		\$
Under Tent Flea Market Sellers		
8' table with 2 chairs <input type="text"/> # tables x \$30 each		\$
Make check out to MARC for this amount	TOTAL	\$

Looking for a Price Guide?

- Classic Cones, Chidester.** Pictorial reference & value guide for 1920s radio cone speakers. 100s of color photos. 122 pgs. **\$25.95**
- Collectable Transistor TVs, Bunis.** Identification and values for 150 transistor tvs from 29 manufacturers. B&W photos. 44 pgs. **\$19.95**
- Collector's Guide to Antique Radios, 5th Edition, Slusser.** This price guide covers the 1920s to the 1950s. Over 9,000 models. Color photos. Updated pricing. 264 pgs. **\$19.95**
- The Collector's Guide to Novelty Radios, Bunis & Breed.** The source for novelty transistor radios in all shapes & sizes. Radios are described in detail with current prices. 600+ color photos. 224 pgs. **\$18.95**
- The Collector's Guide to Novelty Radios, Book II, Bunis & Breed.** All new 2nd volume. New radios are described with current prices. 600+ all new color photos. 208 pgs. **\$19.95**
- The Collector's Guide to Vintage Televisions, Durbal & Bubenheimer.** Includes information about the size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs made from 1945-1960 and transistor sets through 1980. 200+ color photos. 176 pgs. **\$15.95**
- The Complete Price Guide to Antique Radios: Pre-War Consoles, Stein.** Identifies, grades, values & pictures 3,500 models. Tube & band count information & variations. Resource section. 240 pgs. **\$29.95**
- The Complete Price Guide to Antique Radios: Sears Silvertone Catalogs 1930-1942, Stein.** 1,000+ radios. Original advertising, options, specs & pricing. Full model cross reference matrix with tube & band counts, variations, cabinet materials & colors. 240 pgs. **\$34.95**
- Genuine Plastic Radios of the Mid-Century, Jupp & Piña.** Overview of plastic table radios with ads, vintage black & white photos. 439 color photos. 208 pgs. Hardcover. **\$39.95**
- Ham Price Guide, 2nd, Eugene Rippen.** Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print. 81 pgs. Softcover. **\$10.95**
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- The Talking Machine, Fabrizio and Paul.** Contains over 550 photos of internal and external horn phonographs. The text and value guide, complemented with lots of visuals, make this book a must in your library. 256 pgs. Hardcover Only. **\$69.95**
- Transistor Radios: 1954-1968, Smith.** Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style. Color photos and price guide. 160 pgs. **\$29.95**
- Zenith The Early Years, 1919-1935, Bryant & Cones.** Explains the Zenith story. Discover never published photos, documents and info. 300 photos & illustrations, 120 color. 224 pgs. **\$29.95**
- Zenith Transistor Radios, Evolution of a Classic, Smith.** A complete listing of all transistor radio models created by Zenith from 1955-65. Color photos and price guide. 160 pgs. **\$29.95**

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(#20-Jul03)

**NEW ENGLAND
ANTIQUÉ RADIO CLUB
VINTAGE RADIO SHOW**



Saturday, July 17, 2004

7:00 AM - 12 NOON

St. Stan's Hall

Pine Hill Road, Nashua, NH

• **One Hundred Tables** of antique and collectible radios, TVs, parts, tubes, books, magazines and other related items.

• **Three Radio Contests** featuring tube-type ham equipment, headphones and radios with 3 or less tubes.

• **50/50 Raffle, Snack Bar, Free Parking**

• **Admission:**

7:00 AM - 8:00 AM, Admission During Setup – \$15

8:00 AM - 9:00 AM, Early Buyer Admission – \$5

9:00 AM - Noon, General Admission – \$2

Kids under 12 free

• **Directions:** To reach St. Stan's Hall take Rt 3 (Everett Turnpike) to Exit 6 (Rt 130 east). Follow Rt 130 east for a very short distance to the set of lights at the 7-11 store, take a left onto Blue Hill Ave. which crosses over the highway and becomes Pine Hill Rd. St. Stan's Hall will be on your right.

• **Show Info & Table Reservations:** Contact show chairman Marty Bunis by phone (603) 938-5051 or e-mail (m_bunis@conknet.com) for show/table reservation information. Table space must be reserved in advance.

More info at www.nearc.net



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FOR SALE: Two large boxes of new TV repair parts, yokes, flybacks, circuit boards, bunch of stuff. Malcolm Canon, 449 E. Ventura Dr., Birmingham, AL 35235. (205) 836-7657

FOR SALE: Book: A Pictorial History of Radio, pictures and history of all the stars and shows from the beginning to the sixties – \$18. Andrew Toross, 425 Old Country Rd., Orange, CT 06477. (203) 795-4523

FOR SALE: Norton Model 9056, 12V panel meter, 6" dia., solid brass, 1900 vintage, made for Zucker & Levett & Loeb Co. – \$30. Lionel toy train transformer, Type B – \$35. Louis Marx Model 709 – \$20. Modern Radio Servicing, Ghirardi, first edition, 1935, good condition – \$25. Book: Instrument Flying by Weems & Zweng, 1940, good condition – \$20. All plus shipping. Harry M. Books, Jr., W3PSU, 699 Red Mill Rd., Eters, PA 17319. (717) 938-6694

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FOR SALE/TRADE: The following items are preferably for trade, but will consider mere paper dollars: Elegant Scott Philharmonic pointer dial version in Roslyn cabinet, low serial number, exc chrome, all orig., including Magnavox silver pedestal 15" speaker & orig. silver tweeters, great chrome, orig. knobs, great finish on cabinet, all orig. grille cloth, pix available; Seeburg 200 LU1 78 Library Unit, vg orig., blonde Deco case could use refinish, all there, sort of working, but needs full restoration; Luftwaffe WWII aircraft receiver, Model EK-10, good tubes, plus extra, comes with plenty lit; Colin Kennedy St. Louis Model 220, w/vernier on 2nd tuner, VG wood, exc, face, clean inside and works great; Clapp-Eastham RADAK Type HR, 1 tube, vg; Northern Electric R3 regenerative, almost perfect, all orig., works great, includes full set of peanut tubes; Reisl M116 WWII era, carbon ring mic, this is one of the rectangular ring mics you see in front of axis power leaders, great looking mic in vg condition; GE Transistor PA888-B, beige/white, late 50s, looks real nice, works well; Western Electric 4D Superhet, near perfect condition inside and out, contains all orig. Western Electric 215 peanut tubes, works great. **WANTED:** One of the following 78 rpm record changers: Automatic Model 10; Deluxe Model RC; Garrard RM 10; Garrard RM 30; Special 78 rpm changer. Always buying vintage broadcast microphones and tube compressors/pre's by Altec, RCA, Sony, Western Electric, What have you! Also, the following radios, will trade any/all the above for: Kennedy Radios: V, 110, 220, 525 amps, 521 San Francisco amp; Kennedy headsets; Kennedy WD 11 rheos; Federal 61, 59, 110; Paragon DA detector amplifier; WWI Military sets: IP 500, 501, SE 1420, 1012; National 239; Marconi 106, 294 or someone like him! **HELP:** Wiring and mounting info on St. Louis Kennedy 110. Can supply data and experience working on 110, 220, 525s; Magneformer, Scott World's Record Super 8, all the Federals. E-mail is best way to contact, but hey, if you call, don't be bashful, leave a message! Ward Kremer, 1179 Petunia Rd., Newport, TN 37821. Ph./fax: (423) 625-1994. E-mail: witzend99@earthlink.net

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Richard Estes, K8LRY – Auctioneer

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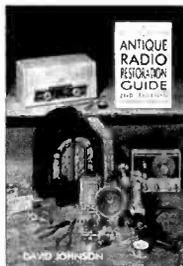
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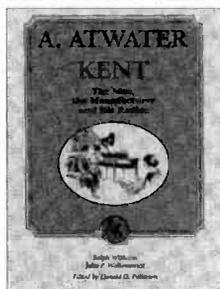
Antique Radio Restoration Guide, 2nd Ed. by Johnson. *Beginner's introduction to troubleshooting and repairing AC table model radios.* 145 pages. — \$14.95

Price Guide

Index to A.R.C., 1984-99, Sibley. *Index to articles in Antique Radio Classified.* \$15.00

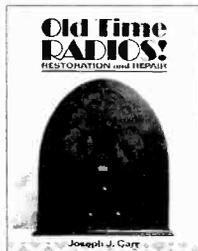
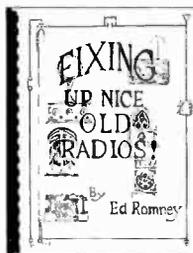
Collectable Transistor TVs, Bunis. *Identification and values for 150 transistor TVs from 29 manufacturers. B&W photos. 44 pgs.* \$19.95

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

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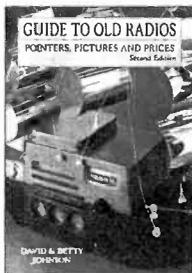


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(#1-2-Apr04)

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Flick of the Switch by Morgan McMahon. *The classic photo reference guide for 1930s - 1950s radios. 1000+ photos of radios, 5" x 8", 263 pages.* — \$11.95

The Collector's Vacuum Tube Handbook, Vol. 1, Millard. *Hard-to-find electrical data on 200+ tube types that pre-date the RMA standardized numbering system (1934). Basing diagrams, photos & brief developmental histories.* 196 pgs. **NEW \$25.95**
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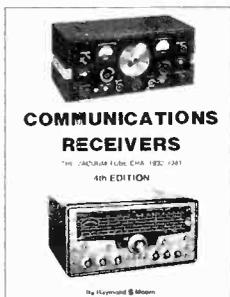
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256 pages — \$34.95

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The Zenith Trans-Oceanic: The Royalty of Radios by Bryant and Cones. *Presents the fascinating story of the development and use of the Trans-Oceanic. Several photos, documents, ads, etc.* 160 pages. — \$24.95

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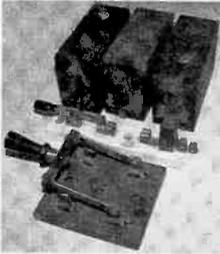


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(#1-2-Apr04)

FOR SALE: GR 1617A capacitance bridge, manual copy – \$211. L&N Wheatstone bridge – \$25. Ross Wollrab, 229 N. Oakcrest Ave., Decatur, IL 62522-1810. (217) 428-7385. E-mail: REWollrab@aol.com



FOR SALE: Early Ford Model T spark coils, (used in radio too?) – \$5 ea. Knife switches, one on a porcelain base, with carbon insulators – \$8, and one on a large slate base – \$9. Have a happy and safe 4th of July. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, Cape Cod, MA 02649. (508) 477-1578, before 9 pm please. E-mail: radio-1@comcast.net

FOR SALE: Coyne Electrical School Home Study Course, hardcover, 7 vols. from radio/TV - transistor circuits, 1960s, exc condition - Make Offer + shipping. A-1 Radio & TV, 1402 Mather Ave., Utica, NY 13502. E-mail: tiesthatbind1527@aol.com

FOR SALE: New Stancor A-53C audio interstage transformers 1:3 ratio – \$12.50 ea. Free shipping. Tower Adventurer cone speaker. **WANTED:** Sleeper Monotrol 52 battery radio, Zenith Wincharger. I'm buying loop antennas, cone and horn speakers, 1920s battery radios. Joseph Chambers, 6967 Kimberly Ln., Lithia Springs, GA 30122. (770) 819-0822

FOR SALE: RCA 4C672 clock radio – \$30. Traveler 5008, wood – \$20. RCA 65X2 – \$35. Paul Lisowski, 5603 E. 100 N, Knox, IN 46534, (574) 772-2021

FOR SALE: Model 70 Philco, extra nice, Model 15 Brunswick console, Zenith 10S443 chassis and speaker. Chuck Humphrey, PO Box 598, New Haven, WV 25265. (304) 882-2220

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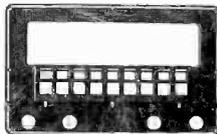
FOR SALE: B&K Precision E-200D Signal Generator manual, photocopy nicely done – \$10 ppd. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. E-mail: hw12x12arc@sbcglobal.com

FOR SALE: E.H. Scott The Dean of DX, the greatly expanded second edition from our own Radio Daze Press! The definitive story of Scott Radio as written by Marvin Hobbs, Scott Chief Engineer – \$29.95 ea. with discounts for multiple purchases of this and/or other great books we offer. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Philco/Mopar 802, works, no speaker – \$30 plus shipping. John Kaetz, 6841 Chesser Rd., Bessemer, AL 35023. (205) 491-2933

FOR SALE: Packard Bell 48D – \$75. Crosley 10135 – \$55. Trans-Oceanic H500 – \$55. More tube sets. H.B. McMahan, 313 W. Shaw, Tyler, TX 75701-3029. (903) 593-5433. E-mail: hbmc2@juno.com

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Auction Notice

August 28, 2004

Estes Auctions has moved the inventory of **A.G. Tannenbaum** Vintage Parts and Service Supply to our Ohio warehouse and will offer this at auction. All items are mostly new old stock. There are thousands of tubes, capacitors, resistors, knobs, hardware, test equipment, books, magazines, service manuals, scopes. Everything to be sold at our auction. Also at this sale we will combine a collection of radios from Mechanicsburg, Pennsylvania. Over 100 radios of all types, an assortment of amateur radio receivers and transmitters and all types of misc. equipment. We will have more details before auction time.

Note: We have a sale September 25 that will include Mike Tannenbaum's DeForest Interpanel, Grebe CR-8, Kennedy Type 110, Nesco 2 step amp, SE-1420, Model 10 breadboard. This is to be combined with a super radio collection from Minnesota.

Richard Estes, K8LRY – Auctioneer

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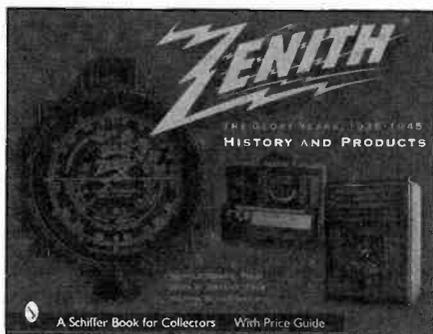
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(#34-Sep03)

WANTED: Supplemental tube test data for military I-177 tube tester. Generous payment. Nick Tonkin, 1206 W. 47 Ave. Apt. A, Anchorage, AK 99503. (907) 563-4553. E-mail: northnick@att.net

WANTED: Tuning condenser (5-gang?) for Zenith 64 or similar. Art Zech, 11240 Bertrand Ave., Granada Hills, CA 91344. (818) 363-6019

WANTED: Working Atwater Kent 55C and speaker for my Kiel radio table. J.O. Shaver, 1037 Castle Kirk, Baton Rouge, LA 70808-6024. (225) 766-1688. E-mail: Jshaver3@cox.net

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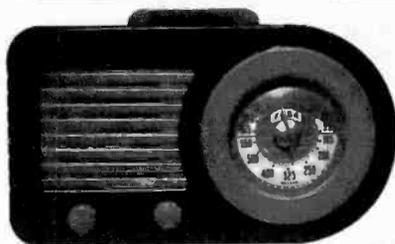
WANTED: E.H. Scott tweeters, FM adapter, and escutcheon. Jiri Placek, 60 Applewood Ln., Boyertown, PA 19512. (610) 367-0861. E-mail: radiotubes@fast.net

WANTED: Manual and/or schematic for Atwater Kent Model 20, Serial 785 84. L. Pellegrini, 43 Lee Dr., St. Augustine, FL 32080. (904) 347-9843 EDT

WANTED: Radio collections. Cash paid for small collections up to entire estate collections in southern New England and south-central portions of Maine, New Hampshire and Vermont. Early battery to 1940s, plus speakers, horns, tubes, microphones, etc. Please clip and save. Tony Rizzini, 6 Chiswick Rd., Greenville, RI 02828-2521. (401) 949-3741. E-mail: radiatorz@aol.com

WANTED: WWII CRV-21 military dynamotor. Round Image Orthicom military TV camera. Maurice Schechter, 590 Willis Ave. #2A, Williston Park, NY 11596. (516) 294-4416. E-mail: mschechter@duart.com

WANTED: Junker set 1934 Zenith Model 835 chassis 1001. Ray Sanders, 342 So. Third, Cottage Grove, OR 97424



WANTED: Fada Catalin radios. Help! My entire collection spontaneously combusted during an interview with the "Enquirer." Replenish and repent ye sinners. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Authentic ON AIR light, I will wire and add switch. Bob's Radio Nostalgia, 504 Amity Rd., Woodbridge, CT 06525-1605. (203) 387-2393. E-mail: rhandppschulz@mymailstation.com

WANTED: McIntosh M1350 or MC3500 amplifier. Hi-fi stereo, theater, broadcast, speakers and tubes. Sean Brady, 3202 N. Manor Dr. W, Phoenix, AZ 85014. (602) 284-7000. E-mail: rosemanor@worldnet.att.net

WANTED: Any Harvey Wells speakers, power supplies, VFO, RG-9A rcvr, accessories, parts units. Kelley, W8GFG, 9010 Marquette St., St. John, IN 46373. (219) 365-4730

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FORSALE: Several N.O.S. tubes: 12AT7/EC81, 12AU7/EC82, 12AY7, 6189 - \$5 ea. plus postage. Cecil McLaggan, Jr., 2724 Ledo Rd., Apt. V25, Albany, GA 31707. (229) 436-8396

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FOR SALE: 1941 & 1942 Philco escutcheons, knobs and pushbuttons reproductions now available. Other various knobs and pushbuttons also available. Contact us for specific model numbers on escutcheons. Old Time Replications, 5744 Tobias Ave., Van Nuys, CA 91411. (818) 786-2500. E-mail: oldtimerep@aol.com. Web: <http://www.antiqueradioknobs.com>

FOR SALE: Radio Digest 1922, Vol. 1 & 2, shows battleship Iowa, manless, controlled by remote control - Best Offer. Paul Recupero, 265 Union St., Portsmouth, RI 02871. (401) 847-8589

FOR SALE: Dow Key DK60 coaxial relay, used, 110 VAC, works - \$20 ppd. Louis L. D'Antuono, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612, after 6 pm

FOR SALE: Parts, tubes, books, etc. Send SASE with two stamps or e-mail for list. Wayne Letourneau, PO Box 62, Wannaska, MN 56761. E-mail: letourneau@wiktel.com



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FOR SALE: 6JE6C/6LQ6 - \$14 ea.; 6V6-G Delco - \$8 ea.; 6SN7-WGT, brown base - \$8 ea.; 6SJ7-WGT - \$4. All strong. Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092



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FOR SALE: EICO signal tracer, 147A (leads/manual) – \$20. Lafayette capacitor checker, TE-44 – \$15. Dynascan VTVM (similar to RCA WV-98) – \$22.50. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244. E-mail: slbon@erols.com

FOR SALE: Weltron 2001 – \$200 + shipping. Radiola III and 17 and 18 sprk. H.N. Felder, 7517 Granada Dr., Bethesda, MD 20817. (301) 320-3028

FOR SALE: Collins 75-A3 excellent w/manual – Make Offer. E-mail photos available. Claude Chafin, NØFMO, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-3391

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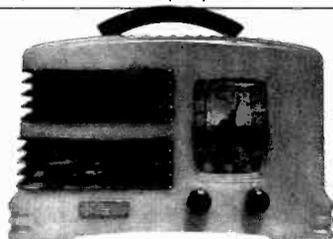
WANTED: RCA 9T or 10T; large multiband tombstone w/tuning eye, Magic Brain chassis. Jay Myers, 1010 Graybar Ln., Nashville, TN 37204. (615) 297-5886. E-mail: jlmyers3@highstream.net

WANTED: Miller crystal radio tuner with RCA out for audio amp. Sheldon Kane, 10665 Skyflower Way, Boynton Beach, FL 33436. (561) 732-8396. E-mail: auxch@bellsouth.net

WANTED: Channel selector and fine tuning knobs for an Admiral 7-inch TV Model 19A11. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

WANTED: Cabinet for 1947 GE Model 201, plastic, will buy junker for cabinet. Bob Barr, 9660 S.E. Little Club Way N, Tequesta, FL 33469. (561) 741-1907

WANTED: Dial escutcheon for a Silvertone Model 1580-1582 or 1584. Colonial 62 may be similar. Write or call collect: Charles & Vena Guillory, 15728 Trails End, Conroe, TX 77384-3560. (936) 273-1685



WANTED: Symphony and Detrola Catalin radios. I am not a human being: I am a radio collector. God forbid! Pity me the lost soul that I am and fulfill my humble needs. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Chassis for Atwater Kent Model 84, any condition. Dave Gonshor, 7121 S. Jellison St., Littleton, CO 80128. (303) 979-9511. E-mail: pgonshor@aol.com

WANTED: Top prices paid for globe shape and collector tubes, new or used. Send for buy list or send your list for offers. Write or e-mail: tubes@qwest.net. See www.fathauer.com for tubes for sale. George H. Fathauer & Assoc., 688 W. First St., Ste 4, Tempe, AZ 85281. (480) 968-7686 or toll free 877-307-1414

WANTED: Updated tube test data for military I-177 tube tester. Generous payment. Nick Tonkin, 1206 W. 47 Ave., Apt. A, Anchorage, AK 99503. (907) 563-4553, leave msg. E-mail: Akradioman@att.net

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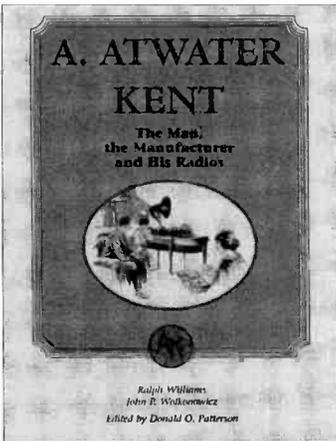
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WANTED: Old Lafayette stereo master control center, it has (7) 12AX7 tubes, will pay \$50 to \$100 if workable. Tony Pirak, 741 North 104, Seattle, WA 98133. (206) 782-0274

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WANTED: Japanese tube type personal portable radio, Amico Model ATR-210 that works. Fred Haines, 132 Rural Ave., Lewisburg, PA 17837

WANTED: Quantities of N.O.S. tubes: pre-octal, transmitting, special purpose, unusual or odd. William Berson, PO Box 1223, Weston, CT 06883. Fax: (203) 226-3306. E-mail: William@webtubes.com

WANTED: Collections for The Southern Appalachian Radio Museum, a place your equipment can be seen. Visit us in Asheville, NC and at www.saradiomuseum.org. Clint Gorman, 240 Governors View Rd., Asheville, NC 28805. (828) 299-1276. E-mail: cgorman@bellsouth.net

WANTED: Books & photos of meters & gauges. Photos of aircraft cockpits. Chris Cross, Box 94, McConnell, IL 61050

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

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WANTED: Schematic for Motorola auto radio, Model CY8 (1416). Thanks. Ye Olde Radio Shoppe, Noel S. Iig, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: (440) 933-8864

WANTED: Chrome front, Midwest consoles and/or cabinets for the same. Robert Lutz, 9100 Noland Rd., Lenexa, KS 66215. (913) 894-1327

WANTED: Classroom demonstration radio board with AC/DC tube type radio for our radio club. Mike Grimes, K5MLG, 5306 Creekside Ct., Parker TX 75094. (972) 898-7251. E-mail: grimesm@flash.net

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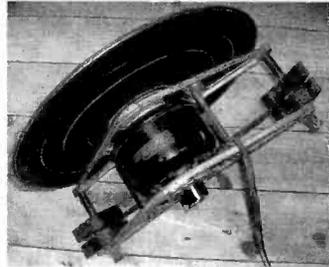
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FOR SALE: Western mechanical disc, motor and mount. All that is needed is a repro cabinet and neon mount – Best Offer. Richard Brewster, 145 Little Peconic Bay Rd., Cutchogue, NY 11935. (631) 734-5063. E-mail: brewster@mercyships.org

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FOR SALE: DeForest F-5 leatherette cabinet, nice shape, with tubes – \$450. Motorola 34A3 Catalin, yellow with maroon vertical grille & knobs, crack in cabinet repaired – \$700. Western Electric, very old telephone test set – \$350. James R. Lopaz, 5467 S. 975 E, Ogden, UT 84405. (801) 476-1470

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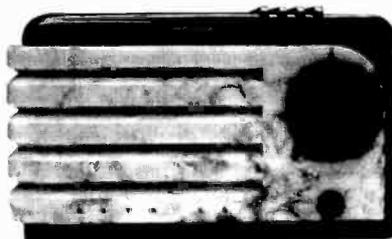
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SERVICES: Tubes, parts, supplies and literature. Your source for all your radio needs! Antique Electronic Supply, 6221 S. Maple Ave., Tempe, AZ 85283. (480) 820-5411. Web: www.tubesandmore.com

SERVICES: Rebuild old 78/33/45 crystal and magnetic cartridges and cutter heads. Fabricate and vulcanize new idlers and cams for the 45, VM, Zenith Cobra with molded new rubber (no banding). Rebuild other phono idlers also. Sell phono needs. Fabricate new idlers for 45, VM, Zenith Cobra. Restore old record changers, wire recorders and record cutter Recordio units. West-Tech Services, 570 Hazelgreen Rd., Smithville, WV 26178. Tuesday-Friday 10-5 EST. Tel/fax: (304) 349-2149. E-mail: westtechservices@yahoo.com. Web: www.west-techservices.com



ARKANSAS – Jul. 1

**ANTIQUA RADIO COLLECTORS CLUB OF
FORT SMITH - MEETING**
Fort Smith, AR - St. Luke Lutheran Church
Waldron Rd. at Free Ferry
7:30 pm
Info: Paul Tucker - (479) 782-8178

ARKANSAS – Jul. 8

**ARKANSAS ANTIQUA RADIO CLUB
MEETING**
Call for location and directions
7 pm
Info: Tom Burges - (501) 455-0773

CALIFORNIA – Jul. 3

**CALIFORNIA HISTORICAL RADIO SOCIETY
SWAP MEET & GENERAL MEETING**
San Francisco, CA - St. Anne Church of
the Sunset, Corner of Funston & Irving
8 am
Info: CHRS Hotline - (415) 821-9300
www.californiahistoricalradio.com

NEW JERSEY – Jul. 9

**NEW JERSEY ANTIQUA RADIO CLUB
MEETING**
Call for location and directions
7 pm
Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427 - www.njarc.org

NEW YORK – Jul. 4

**GREATER NEW YORK VINTAGE WIRELESS
ASSN. - SWAP MEET - MEETING**
Lake Ronkonkoma, NY - 367 Hawkins Ave.
8 am - Noon
Info: Chris Lieppert - (631) 471- 9526
Chris Bacon - (516) 437-7106

MICHIGAN – Jul. 9-10

**MICHIGAN ANTIQUA RADIO CLUB
EXTRAVAGANZA '04**
Lansing, Mi - Holiday Inn South Convention
Center, 6820 S. Cedar St.
2 day Flea Mkt, Sat. Auction, Equip.
Contest, Zenith Exhibit, Programs, more
Info: Don Colbert - donsradio@comcast.net

OHIO – Jul. 6

**ANTIQUA RADIO COLLECTORS OF OHIO
MEETING**
Dayton, OH - 2929 Hazelwood Ave.
7 pm
Info: Karl Koogler - (937) 294-8960
karlkrad@genmair.com

OKLAHOMA – Jul. 10

**OKLA. VINTAGE RADIO COLLECTORS
MEETING**
Oklahoma City, OK - Hometown Buffet
3900 N.W. 63rd St.
6 pm: Dinner - 7 pm: Meeting
Info: Frank Karner - fkarner@cox.net
(405) 769-4656 - <http://members.cox.net/okvrc/>

OHIO – Jul. 7

**OLDE TYME RADIO ENTHUSIASTS
MEETING**
E-mail or Call for Location and Time
Info: (937) 299-9570 - OTRadioE@juno.com

**Submission Deadline for
Aug. issue is Jul 5
Sep. issue is Aug. 5**

A free* listing on these pages is available for each coming radio event. Sponsors should provide description of event, date, time, place, directions, & information/contact person. Since listings are on a "space available" basis, no guarantee of listing is made. Submission deadline - 5th of month. *Club/museum/non-profit events are listed free; other events are obtained from advertisements placed elsewhere in A.R.C. Sorry, we don't have room for hamfests.

COLORADO – Jul. 11

COLORADO RADIO COLLECTORS MEETING

Denver, CO - Museum of the Americas
863 Santa Fe Ave.

1 pm

Info: Larry Weide - (303) 758-8382

N. CAROLINA – Jul. 13

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

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

7 pm

Info: Bill Engstrom - (252) 355-8732
Herman Schnur - (252) 752-2264

NEW MEXICO – Jul. 11

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM - Anna Kaseman 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/NMRCC>

TEXAS – Jul. 13

HOUSTON VINTAGE RADIO ASSOC. MEETING, PROGRAM & AUCTION

Houston, TX - Bayland Park Comm. Center
6400 Bissonnet

6:30 pm

Info: Bill Werzner (713) 721-2242
www.hvra.org

GEORGIA – Jul. 12

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA – JR's Log House Rest.
6601 Peachtree Industrial Blvd.

6:30 pm

Info: Rich Rodgers - (678) 591-3619
www.sarsradio.com

PENNSYLVANIA – Jul. 13

DELAWARE VALLEY HIST. RADIO CLUB MEETING - SWAP MEET - AUCTION

Telford, PA - Telford Community Bldg.
Hamilton & Hamlin

7 pm - Members only tailgate auction

Info: Delaware Valley Historical Radio Club

PO Box 5053, New Britain, PA 18901

<http://pw2.netcom.com/~firststake/dvhrc.htm>

MISSOURI – Jul. 13

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

Kirkwood, MO - Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

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

Info: Ron Durbin - (636) 677-8883

ronboysradios@aol.com

OKLAHOMA – Jul. 15

OKVRC GREEN COUNTRY CHAPTER MEETING

See Website for meeting location

7 pm

Info: Curt Lutz - (918) 251-4915
oldeRadios@cs.com

<http://members.cox.net/okvrc>

OHIO – Jul. 13

SOCIETY FOR THE PRESERVATION OF ANTIQUÉ RADIO KNOWLEDGE - MEETING

Kettering, OH - Banquet Room at Cassano's
Pizza House, 1700 E. Stroop Rd.

7:30 pm

Info: John Pansing - (937) 299-0210
sparkinc@juno.com

www.antiqueradios.com/spark

NEW YORK – Jul. 16

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

W. VIRGINIA – Jul. 16-17

MUSEUM OF RADIO & TECHNOLOGY SUMMER HEAT SHOW & AUCTION

Huntington, WV - 1640 Florence Ave.

Fri.: 1 pm

Sat.: 8 am

Info: Lmcin79627@aol.com
www.MRTWV.org

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

MARK YOUR CALENDAR

Jul. 1 - AR, Fort Smith - ARCC Meeting
Jul. 3 - CA, San Francisco - CHR5 Swap Meet
Jul. 4 - NY, Lake Ronkonkoma - GNYVWA Swap
Jul. 6 - OH, Dayton - ARCO Meeting
Jul. 7 - OH, Dayton - OTRE Meeting
Jul. 8 - AR, "Call" - AARC Meeting
Jul. 9 - NJ, "Call" - NJARC Meeting
Jul. 9-10 - MI, Lansing - MARC Extravaganza
Jul. 10 - OK, Oklahoma City - OKVRC Meeting
Jul. 11 - CO, Denver - CRC Meeting
Jul. 11 - NM, Albuquerque - NMRCC Meet
Jul. 12 - GA, Norcross - SARS Meeting
Jul. 13 - MO, Kirkwood - ARCH Meeting
Jul. 13 - NC, Greenville - ECARC Meeting
Jul. 13 - OH, Kettering - SPARK Meeting
Jul. 13 - PA, Telford - DVHRC Meeting
Jul. 13 - TX, Houston - HVRA Meeting
Jul. 15 - OK, Tulsa - OKVRC-GCC Meeting
Jul. 16 - NY, Highland Falls - HARP5 Swap Meet
Jul. 16-17 - WV, Huntington - MRT Summer Heat
Jul. 17 - NH, Nashua - NEARC Swap Meet & sale
Jul. 17 - OH, Burbank - Estes Auction
Jul. 17 - TX, Kyle - TARC Meeting
Jul. 17 - TX, Irving - VRPS Repair Session
Jul. 17-18 - WA, Bellingham - AMRE Flea Mkt
Jul. 18 - MD, Burtonsville - MAARC Meeting
Jul. 18 - TN, Memphis - MARC Meeting
Jul. 18 - WA, Seattle - PSARA Meeting
Jul. 18 - WI, Milwaukee - WARC Swap Meet
Jul. 19 - FL, Jacksonville - JARS Meeting
Jul. 20 - CA, Loomis - CHR5-Sac Meeting
Jul. 21 - OH, Cincinnati - CARS Meeting
Jul. 21 - OH, Hilliard - COARA Meeting
Jul. 25 - KS, Leawood - MAARC Swap Meet
Jul. 26 - AL, Birmingham - AHRS Meeting
Jul. 27 - OH, Kettering - SPARK Meeting
Jul. 31 - NC, Valdese - CC-AWA Swap Meet
Jul. 31 - NJ, Dover - NJARC Swap Meet
Jul. 31 - OH, Columbus - COARA Swap Meet
Aug. 1 - NY, Lake Ronkonkoma - GNYVWA Swap
Aug. 3 - OH, Dayton - ARCO Meeting
Aug. 5 - AR, Fort Smith - ARCC Meeting
Aug. 5-7 - IL, Elgin - ARCI RadioFest XXIII
Aug. 7 - CA, Los Altos Hills - CHR5 Swap Meet
Aug. 7 - NY, Amherst - NFWA/AWA Meet
Aug. 7 - WA, Seattle - REPS Meeting
Aug. 8 - NM, Albuquerque - NMRCC Meet
Aug. 9 - GA, Norcross - SARS Meeting
Aug. 10 - MO, Kirkwood - ARCH Meeting
Aug. 10 - NC, Greenville - ECARC Meeting
Aug. 10 - PA, Telford - DVHRC Meeting
Aug. 10 - TX, Houston - HVRA Meeting
Aug. 12 - AR, "Call" - AARC Meeting
Aug. 13 - NJ, "Call" - NJARC Meeting
Aug. 14 - FL, Sarasota - SARC Swap Meet
Aug. 14 - OK, Oklahoma City - OKVRC Meeting
Aug. 15 - MD, Burtonsville - MAARC Meeting
Aug. 15 - TN, Memphis - MARC Meeting
Aug. 15 - TX, Schertz - TARC Meeting
Aug. 15 - WA, Seattle - PSARA Meeting
Aug. 16 - FL, Jacksonville - JARS Meeting
Aug. 17 - CA, Loomis - CHR5-Sac Meeting
Aug. 17-21 - NY, Rochester - AWA Convention
Aug. 18 - OH, Cincinnati - CARS Meeting

MARK YOUR CALENDAR

(Continued from bottom left column)

Aug. 18 - OH, Columbus - COARA Meeting
Aug. 19 - OK, Tulsa - OKVRC-GCC Meeting
Aug. 20 - NY, Highland Falls - HARP5 Meeting
Aug. 21 - TX, Irving - VRPS Meeting
Aug. 23 - AL, Birmingham - AHRS Meeting
Aug. 28 - OH, Burbank - Estes Auction
Sep. 11 - CT, Windsor - VRCC Swap Meet
Oct. 10 - UK, Birmingham - NVCF Comm. Fair
Oct. 16 - NH, Nashua - NEARC Swap Meet & Show
Nov. 12-14 - TX, Mesquite - VRPS Convention
Dec. 4 - CT, Windsor - VRCC Swap Meet

See expanded listing for many of these events

NEW CLUB FORMING

MOUNTAIN RADIO SOCIETY
CLEVELAND GEORGIA AREA.

Info: Bob Niven - (678) 227-2283
bobwiz@aol.com

NEW CLUB FORMING

CENTRAL NJ

Info: Vince Lobosco - (908) 322-4512
vlobosco@comcast.net

NEW CLUB FORMING

OHIO COLL. OF RADIO & TELEVISION

Info: Karl Koogler - (937) 294-8960
karlkradio@gemair.com
www.earlytelevision.org

NEW HAMPSHIRE - Jul. 17

NEW ENGLAND ANTIQUE RADIO CLUB
VINTAGE RADIO SHOW & SALE

Nashua, NH - St. Stanislaus Hall
Rt. 3 (Everett Turnpike), Exit 6
East on 130/Broad St. to Blue Hill Ave.
7 am - 12 Noon

Info: Marty & Sue Bunis - (603) 938-5051
m_bunis@conknet.com - www.nearc.net

OHIO - Jul. 17

ESTES AUCTIONS
RADIO AUCTION

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

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

TEXAS – Jul. 17

VINTAGE RADIO & PHONOGRAPH SOC.
ANNUAL REPAIR SESSION & MEETING

Irving, Tx - Senter East Bldg.

9 am

Info: George Potter - (972) 353-4862

vrps@sbcglobal.net

www.vrps.org

TENNESSEE – Jul. 18

MEMPHIS ANTIQUE RADIO CLUB
MEETING

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

2 pm

Info: Ray Eaton - (901) 989-7089 reaton@fhu.edu

marc_memphisantiqueradioclub@hotmail.com

TEXAS – Jul. 17

TEXAS ANTIQUE RADIO CLUB
MEETING

Kyle, TX - Railroad BBQ

10 am

Info: Ed Engelken - EdEngel@gvtc.com

(830) 899-3864 - www.gvtc.com/~edengel/TARC.htm

WASHINGTON – Jul. 18

PUGET SOUND ANTIQUE RADIO ASSN.
MEETING

Seattle, WA - Shoreline Museum

749 N. 175th & Linden Ave.

10 am - 12 pm Tailgate Swap

12 pm - Meeting, Program, Show & Tell

Info: Pete Petersen - (425) 747-1323

WASHINGTON – Jul. 17-18

AMERICAN MUSEUM OF RADIO AND
ELECTRICITY - FLEA MARKET

Bellingham, WA - American Museum of
Radio and Electricity

1312 Bay St.

10 am - 4 pm

12 pm - Meeting, Program, Show & Tell

Info: www.americanradiomuseum.org

FLORIDA – Jul. 19

JACKSONVILLE ANTIQUE RADIO SOCIETY
MEETING

Jacksonville, FL - Countryside Village Mobile
Home Park Clubhouse, 10960 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332

<http://community-2.webtv.net/jarsclub/>

JACKSONVILLE ANTIQUE

WISCONSIN – Jul. 18

WISCONSIN ANTIQUE RADIO CLUB
SWAP MEET

Milwaukee, WI - 5917 S. Howell

Near Airport

8 am - 2 pm

Info: Bill Engaas - (414) 328-0223

engaas@milwpc.com

CALIFORNIA – Jul. 20

CALIFORNIA HISTORICAL RADIO SOC.
SACRAMENTO CHAPTER - MEETING

Loomis, CA - 3256 Penryn Rd., 2nd Floor

7 pm

Info: CHRS Hotline - (415) 821-9800

www.californiahistoricalradio.com

MARYLAND – Jul. 18

MID-ATLANTIC ANTIQUE RADIO CLUB
MEETING - SWAP MEET - AUCTION

Burtonsville, MD - Seventh Day Adventist
Church, McKnew Rd.

12 Noon

Info: Geoff Shearer - (703) 818-2686

www.maarc.org

OHIO – Jul. 21

CENTRAL OHIO ANTIQUE RADIO ASSOC.
MEETING

Hilliard, OH - Early Television Museum

5396 Franklin St

7:30 pm

Info: Barry Gould - (614) 777-8534

Chuck Davis - (614) 792-6237

<http://members.tripod.com/~COARA/Index.htm>

New Club Forming?

LET A.R.C. HELP YOU FIND NEW MEMBERS

Send your information to

arc@antiqueradio.com or fax: (978) 371-7129

Or mail to: PO Box 2, Carlisle, MA 01741

*Although non-members are
welcome at all events, joining
may be required at some.
Admission is charged at some.*

OHIO - Jul. 21

CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Cincinnati, OH - Brecon United Methodist
Church, 7388 E. Kemper Rd.

7:30 pm

Info: Tina Haucke - (513) 247-9406

KANSAS - Jul. 25

MID-AMERICA ANTIQUE RADIO CLUB SWAP MEET

Leawood, KS - Leawood Park

8 am - 12 Noon

Info: Claude Chafin - (816) 478-3391

ALABAMA - Jul. 26

ALABAMA HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL - Alabama Power Building
Parkway East

7 pm

Info: Ron Westbrook - (205) 833-8035
historicalradio@aol.com
www.bham.net/ahrs/

OHIO - Jul. 27

SOC. FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE - MEETING

Kettering, OH - Banquet room at Cassano's
Pizza, 1700 E. Stroop Rd.

7:30 pm

Info: John Pansing - (937) 299-0210
sparkinc@juno.com -
www.antiqueradios.com/spark

N. CAROLINA - Jul. 31

CAROLINAS CHAPTER AWA SWAP MEET

Valdese, NC - Call for Time & Location
Info: Ron Lawrence - (704) 289-1166

www.cc-awa.org

A free listing on these pages is available for each coming radio event. Sponsors should provide description of event, date, time, place, directions, & information/contact person. Since listings are on a "space available" basis, no guarantee of listing is made. Submission deadline - 5th of month. *Club/museum/non-profit events are listed free; other events are obtained from advertisements placed elsewhere in A.R.C. Sorry, we don't have room for hamfests.*

NEW JERSEY - Jul. 31

NEW JERSEY ANTIQUE RADIO CLUB INDOOR SWAP MEET

Dover, NJ - American Legion Hall
2 Legion Place

I-80 West to Exit 35A (see map in this issue)

8:00 am (7:00 am Vendor Setup)

Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427

OHIO - Jul. 31

CENTRAL OHIO ANTIQUE RADIO ASSN. TAILGATE SWAP MEET

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

7:30 am - 11 am

Info: Dave Poland - (614) 890-5422
Chuck Davis - (614) 792-6237

NEW YORK - Aug. 1

GREATER NEW YORK VINTAGE WIRELESS ASSN. - SWAP MEET - MEETING

Lake Ronkonkoma, NY - 367 Hawkins Ave.

8 am - Noon

Info: Chris Lieppert - (631) 471-9526
Chris Bacon - (516) 437-7106

OHIO - Aug. 3

ANTIQUERADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave.

7 pm

Info: Karl Koogler - (937) 294-8960 -
karlkrad@gemair.com

ARKANSAS - Aug. 5

ANTIQUERADIO COLLECTORS CLUB OF FORT SMITH - MEETING

Fort Smith, AR - St. Luke Lutheran Church
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker - (479) 782-8178

ILLINOIS - Aug. 5-7

ANTIQUERADIO CLUB OF ILLINOIS RADIOFEST XXIII

Elgin, IL - Best Western

345 River Rd. (847) 695-5000

Swap Meet, Contest, Presentations, Appraisal
Tent, Auction, and More

See website for updated information

Info: www.antique-radios.org
Info@antique-radios.org

CALIFORNIA – Aug. 7

**CALIFORNIA HISTORICAL RADIO SOC.
SWAP MEET**

Los Altos Hills, CA - Foothill College
Lot 4, I280, El Monte Exit West
8 am

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

MISSOURI – Aug. 10

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

Kirkwood, MO - Kirkwood Community Center
111 S. Geyer Rd. Room 201-A

7:30 pm Meeting - Show & Tell - Swap Table
Info: Ron Durbin - (636) 677-8883 -
ronboysradios@aol.com

NEW YORK – Aug. 7

**NIAGARA FRONTIER WIRELESS ASSN/AWA
ANNUAL RADIO MEET**

Amherst, NY - Amherst Museum
Flea Market: 8 am - 12 Noon
Auction: 11 am

Museum will be open, and has a new
Antique Radio Exhibit

Info: Larry Babcock - (716) 741-3082
Gary Parzy (716) 668-2943

N. CAROLINA – Aug. 10

**EAST CAROLINA ANTIQUE RADIO CLUB
MEETING**

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

7 pm
Info: Bill Engstrom - (252) 355-8732
Herman Schnur - (252) 752-2264

WASHINGTON – Aug. 7

**RADIO ENTHUSIASTS OF PUGET SOUND
MEETING**

Seattle, WA - Queen Anne Library
400 W. Garfield
2 pm

Info: REPS (206) 488-9518 - www.repsonline.org

PENNSYLVANIA – Aug. 10

**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
<http://pw2.netcom.com/~firstake/dvhrc.htm>

NEW MEXICO – Aug. 8

**NEW MEXICO RADIO COLLECTORS CLUB
MEET**

Albuquerque, NM - Anna Kaseman 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
<http://members.aol.com/NMRCC>

TEXAS – Aug. 10

**HOUSTON VINTAGE RADIO ASSOC.
MEETING, PROGRAM & AUCTION**
Houston, TX - Bayland Park Comm. Center
6400 Bissonnet

6:30 pm
Info: Bill Werzner (713) 721-2242
www.hvra.org

GEORGIA – Aug. 9

**SOUTHEASTERN ANTIQUE RADIO SOC.
MEETING WITH SHOW & TELL**

Norcross, GA - JR's Log House Rest.
6601 Peachtree Industrial Blvd.
6:30 pm

Info: Rich Rodgers (678) 591-3619
www.sarsradio.com

ARKANSAS – Aug. 12

**ARKANSAS ANTIQUE RADIO CLUB
MEETING**

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

NEW JERSEY – Aug. 13

**NEW JERSEY ANTIQUE RADIO CLUB
MEETING**

Call for location & directions
7 pm

Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427

SUBMISSION DEADLINE: 5TH OF MONTH

**Mention A.R.C.
when contacting clubs!**

FLORIDA - AUG. 14

SARASOTA ANTIQUE RADIO CLUB SUMMER SWAP MEET

Sarasota, FL - Knights of Columbus
4880 Fruitville Rd.

8 am - 11 am

Info: Jack Warren - (941) 349-4875
Dave Hurt - manager@findsales.com

OKLAHOMA - Aug. 14

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - Hometown Buffet
3900 N.W. 63rd St.

6 pm: Dinner - 7 pm: Meeting

Info: Frank Karner - fkarner@cox.net
(405) 769-4656 - <http://members.cox.net/okvrc/>

TEXAS - Aug. 15

TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX - VFW Hall

2 pm

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

WASHINGTON - Aug. 15

PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA - Shoreline Museum
749 N. 175th & Linden Ave.

10 am - 12 pm Tailgate Swap

12 pm - Meeting, Program, Show & Tell
Info: Pete Peterson (425) 747-1323

FLORIDA - Aug. 16

JACKSONVILLE ANTIQUE RADIO SOCIETY MEETING

Jacksonville, FL - Countryside Village Mobile
Home Park Clubhouse, 10960 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332
<http://community-2.webtv.net/jarsclub/>
JACKSONVILLE ANTIQUE

NOTE: The "Coming Radio Events" pages are tabulated from the best information available to A.R.C. However, changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time especially for events which are new to you.

NEW YORK - Aug. 17-21

ANTIQUÉ WIRELESS ASSOCIATION 43RD ANNUAL CONFERENCE

Rochester, NY - RIT Conference Center
Easy access from the New York State Thruway

Theme: Broadcasting

Outdoor Flea Market, Indoor Book Fair,
Old Equip. Contest, Auctions,
Awards Banquet & Finale Luncheon

Programs:

AWA Members Forum

Writing Radio History

Key & Telegraph Seminar

Moonlight Restoration Forum

Early Radio Detectors: A Detailed Desc.

Lieben, Reisz & Strauss: Developers of

LRS Relay Tube

Charles Herrold: Pioneer Radio Broadcaster

Review of Amateur Operations

Pre-1912 Wireless & Electrical Apparatus

Wireless Interception & Enigma Decoding

Operations at Bletchley Park

See ad this issue for program details

Info: www.antiquewireless.org

OKLAHOMA - Aug. 19

OKVRC GREEN COUNTRY CHAPTER MEETING

See Website for meeting location

7pm

Info: Curt Lutz - (918) 251-4915

OldeRadios@cs.com

<http://members.cox.net/okvrc/>

TEXAS - Aug. 21

VINTAGE RADIO & PHONOGRAPH SOC. SUMMER SWAP MEET

Irving, Tx - Senter East Bldg.

7 am - 12 Noon

Info: George Potter - (972) 353-4862

vrps@sbcglobal.net

www.vrps.org

OHIO - Aug. 28

ESTES AUCTIONS RADIO AUCTION

Burbank, OH - Expo Auction Center
8157 Garman Rd., Exit 204 off I-71

10 am

Info: (330) 769-4992 - Fax: (330) 769-4116

estesauctions@aol.com -

www.estesauctions.com

*Attend a radio event near you,
learn, meet others in the hobby.*

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w1ry@msn.com



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Alan Jesperson
5200 Bloomington Ave. S.
Minneapolis, MN 55417

Tel: (612) 727-2489
Fax: (612) 821-4820 during bus. hours
Email: Alan@gn4radios.com
Web: www.gn4radios.com

Vintage Electronics Cartridges/Needles Phono & Tape Idlers New / Rebuilt



Ed Crockett (601) 264-4755
128 Buccaneer Drive Monday - Friday
Hattiesburg, MS 39402 8am - 5pm CST Only
e-mail: phonoed@aol.com Fax Anytime (601) 264-0226

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Always buying: Books, Magazines and Manuals.
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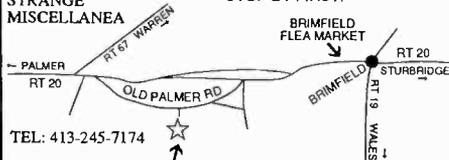
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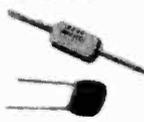
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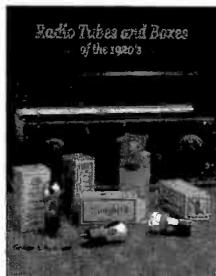


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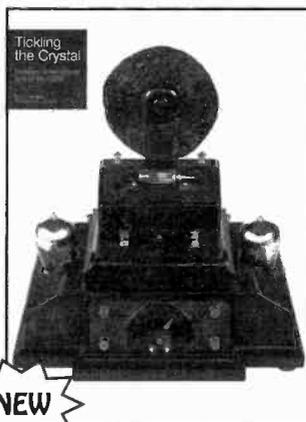
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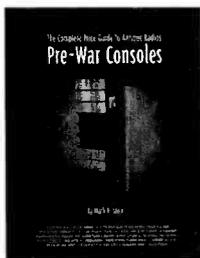
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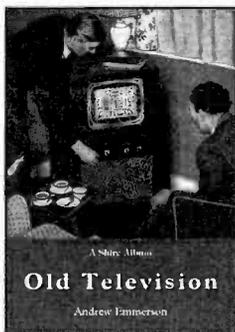
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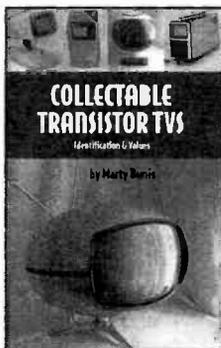
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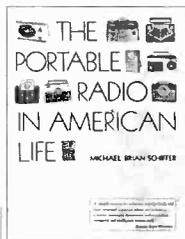
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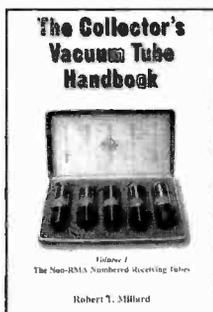
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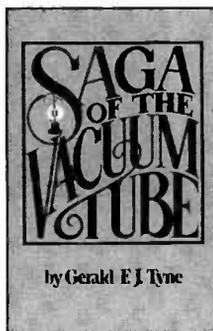
(#6-Jul03)

Books About Tubes

Tube Lore, Sibley. *Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types, tips on testing, repairing, adapting various tubes, auction prices from six major sales.* 186 pgs. — **\$19.95**



The Collector's Vacuum Tube Handbook, Vol. 1, Millard. *Hard-to-find electrical data on 200+ tube types that pre-date the RMA standardized numbering system (1934). Basing diagrams, photos & brief developmental histories.* 196 pgs. **NEW** — **\$25.95**



Radio Tubes and Boxes of the 1920s, Fathauer. *A pictorial presentation of radio tubes of the 20s, including packaging and advertising. Over 400 color photos and illustrations.* 105 pgs. — **\$26.95**



Saga of the Vacuum Tube, Tyne. *The development of vacuum tubes — 1880 to 1930. From Edison, Thomson and Fleming to DeForest, Philips, Siemens and many more.* 100+ tube photos. 495 pgs. — **\$18.95**



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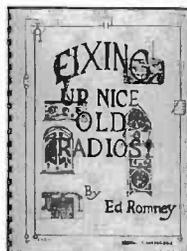


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(#18-Jul03)

Restoration & Repair



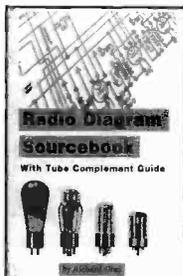
Fixing Up Nice Old Radios, Romney. *Written by a retired radio instructor, this book covers Ohm's law, through battery sets, superhets and communications receivers. 300+ figures, 185 pgs. — \$35.00*

Old-Time Radios! Restoration and Repair, Carr. *How to repair vacuum-tube and transistor radios. A self-paced training guide. 200 illustrations, 256 pgs. — \$19.95*



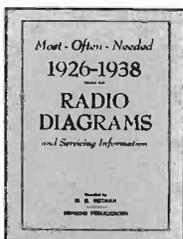
Antique Radio Restoration Guide, 2nd Ed., Johnson. *Beginner's introduction to troubleshooting and repairing AC table model radios. 1992. 145 pgs. — \$14.95*

Radio Diagram Sourcebook, Gray. *Valuable tool for identifying radios. Tubes used, replacement dial lamps, and I.F. frequency. Reprint of Sylvania's tube complement guide is included listing almost 10,000 radios. 290 pgs. — \$18.95*



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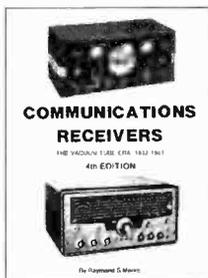


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(#24-Apr04)

Amateur Radio Books

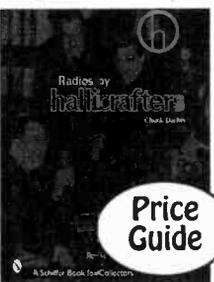


Communications Receivers 4th Edition by Raymond S. Moore. A comprehensive guide to 750, 1932 to 1981, vacuum tube receivers by 66 manufacturers. Three pages of military receivers. 448 radios pictured! Sharper, clearer photographs. 8 1/2" x 11", 136 pages. Softcover. — \$19.95

Heathkit, A Guide to the Amateur Radio Products, 2nd Edition by Chuck Penson. Updated and expanded documentation of Heathkit's amateur radio products and a history of the company. 8 1/2" x 11", 328 pages. Softcover. **NEW** — \$29.95



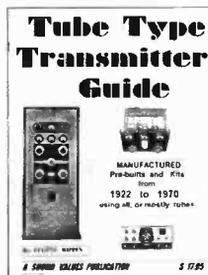
Radios by Hallicrafters, 2nd Ed. by Chuck Dachis. This book includes over a thousand photographs (b/w & color) of radio receivers, transmitters, electronics accessories and advertising material. Technical descriptions are provided for every known Hallicrafters model, including dates of production, model numbers, accompanying pieces and original prices. This 2nd edition includes additional coverage of receivers and updated pricing. 8 1/2" x 11", 225 pages. Softcover. — \$29.95



A Pictorial History of Collins Amateur Radio Equipment by Jay Miller. The most complete story of Collins. Told in hundreds of photos & in the words of the men who made it happen. — \$39.95



Ham Price Guide, 2nd by Eugene Rippen. Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print. 8 1/2" x 11", 81 pages. Softcover. — \$10.95



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(#8-May04)

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Arvin	532	Yellow Maroon	2,500 2,750
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Detrola		Any Color	6,000+
Bendix	526C	Green & Black	625
DeWald	A501 & A502	Brown Yellow Red	375 425 1,200
Emerson	AU190 & BT 245	Yellow Green or Brown Dark Red Blue Bright Red	1,300 2,500 2,700 6,850 12,000
Emerson	BM258	Yellow Green Red Blue	1,000 1,350 2,250 4,000
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MAKE	MODEL	COLOR	PRICE
Fada	F55 & 52	Yellow Light Green Maroon & Yellow Yellow & Blue Yellow & Red Emerald Gr/Yellow Blue & Yellow	1,000 1,500 1,500 2,000 3,000 4,000 4,000
Fada	5F50 & 5F60	Yellow Light Green Yellow & Blue Yellow & Red Emerald Gr/Yellow	1,000 1,000 2,500 3,000 4,000
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Motorola	50XC	All Yellow Brown & Tortoise Red & Yellow Green & Yellow	2,000 2,750 6,000 6,250
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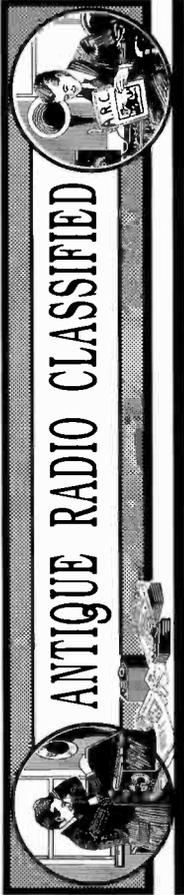
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