Volume 28

December 2011

Number 12

## Happy Holidays



From Antique Radio Classified

# A.R.C. - The National Publication For Buyers & Sellers Of Old Radios & Related Items

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### ANTIQUE RADIO CLASSIFIED

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### CONTACTING ANTIQUE RADIO CLASSIFIED

All correspondence should be sent to:

A.R.C., PO Box 1558, Port Washington, NY 11050

Telephone: (866) 371-0512; Fax: (516) 883-1077

Email: ARC@antiqueradio.com

Web: www.antiqueradio.com

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Unfortunately, A.R.C. is not staffed to answer all letters with questions about antique radios or requests for advice. However A.R.C. does solicit letters of interest from its readers and publishes them as space permits.

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### **Publisher's Comments**

he year is almost finished. It's amazing to think that this is the 12th issue of Antique Radio Classified that's been published since it changed hands late last year.

This past year I've attended about 10 different meets, was introduced to lots of people, and made many new friends. I'm always looking for new ideas to make the magazine and website better and would like to take this opportunity to thank the people who have helped us in making changes over the last year. In response to reader input, we've added a new column, "At Home with the Collector," and begun monthly coverage of vintage audio. We've also started running regular profiles of radio clubs, increased the size of the "Photo Review" section, and added international meets to the "Coming Events" section. We've made some changes to the website home page and now send emails to the online-only subscribers when the new issue is placed on the Internet.

To satisfy our readers' thirst for radio-related material on a broad range of topics, we continue to add book titles to the A.R.C. Book Store. We've also been approached by some authors about A.R.C. itself publishing their books in the coming year. Stay tuned.

One area that's holds a lot of interest for the hobby community is international radio collecting. At the AWA Convention in Rochester, New York, there was a special dinner honoring the international visitors. This month one of our features is on the Murphy "Station Master" radio. I had the opportunity to see this radio in person at a club meeting of the Hudson Valley Antique Radio and Phonograph Society (HARPS) in Suffern, New York. Let me tell you, it's a real beauty.

John Vuolo serves as our guide for a technical discussion of eye tubes, how and why they

work. I learned a lot of interesting facts about these tubes from John's article.

This month "At Home with the Collector" visits with A.R.C. reader Chris, a collector of novelty radios. No, he doesn't collect items like the McDonald's Hamburger radio—all his sets are tube novelty radios.

Our club profile this month is the Houston Vintage Radio Association. The HVRA is another example of a well-run club that offers well-organized and popular events like auctions, conventions, and outreach programs. It also publishes a wonderful newsletter.

Lastly, I've had many people inquire about what is happening this February with the Radio XVIII event in Westford, Massachusetts. Let's me just say for now you won't be disappointed by the answer! You'll have to read the article in this issue to find out the details, though.

Until next time, we at A.R.C. wish everyone a happy Holiday Season and the very best for the coming year!

> Jon Kummer Publisher

Correction: In last month's "Publisher's Comments" I incorrectly stated that John Terrey was the founder of A.R.C. The founding publisher was Gary Schneider. I apologize and stand corrected.

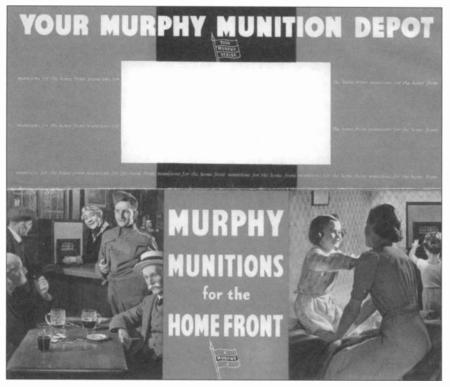
### On The Cover

The 1942 British Murphy "Station Master" multiband radio. See page 4 for the article by Bill Liers.

### WORLD RADIOS

# Murphy's "Station Master" Standing Sentry On The Home Front

BY BILL LIERS



Front of the Murphy 1940 sales brochure

he biggest British radio companies during World War II were Bush, Ekco, Pye, and Murphy. Murphy Radio, founded in 1929 by Frank Murphy and E. J. Power, was based Welwyn Garden City, Hertfordshire. Of its offerings, the A92 "Station Master" was the best for 1940.

Most British radios l've seen have a somewhat bland exterior. In fact, when this former basket-case came in the door, my fiancée, Maryann, called it the ugliest radio she'd ever seen (she has since changed her mind). I, on the other hand, thought it had "potential." And I was right—polishing the large sculpted Bakelite front panel, cleaning the detailed dial glass, and adding a new finish on the heavy oak cabinet has done a lot of good for the old gal.

When I first got it, the cabinet had little of the original finish left. The white natural







Rear view of the receiver

rubber band that holds the speaker grille cloth in place had darkened and deteriorated, but fortunately I was able to reverse it to expose the fresh edge of the band. The bottom of the cabinet had also seen some water damage, but I managed to straighten the frame with some bracing and gluing. I stripped off the remaining finish from the coarse grain oak veneer and replaced it with medium walnut Mohawk toning lacquer, followed by a few coats of semi gloss clear.

The original grille cloth had weathered the years well and looked good after the cigarette smoke residue was cleaned out of it. I encounter this particular type of damage so often that I imagine the habit of blowing smoke at a radio must have been very common, and maybe especially so after an unwelcome news report.

The Station Master was advertised as "valuable munitions for the home front" since, in 1940, bombs actually were dropping on England as this radio was being marketed. Whereas in the United States, wartime efforts meant the end of most unnecessary consumer manufacturing, the six-valve (eight-circuit) A92 was designed especially so the British could tune into all of the important news being broadcast on the short, medium, and longwave bands.



Detailed vertical dial showing local and world station locations



Inside view of the A92



Chassis detail

The large Bakelite front panel provides access to the controls for volume and tuning, including tuning of the longwave, mediumwave, and six shortwave bands, divided into the standard allocations from 49 to 13 Meters. The tone control and on-off switch are on the side of the cabinet. The Bakelite on my radio was in amazingly good condition with no cracks.

The dial has 95 station location designations to insure that tuning is as "easy and certain on shortwave as it is on medium wave," as the brochure states. A small map of some locations adds an international and decorative touch to the set. On this model, a long glass illuminated dial pointer moves vertically, with higher frequency stations towards the bottom. Each shortwave band has a padder in circuit and is inductively trimmed for accuracy and sensitivity. The set has no prob-

lem pulling in stations from across the pond, and its tuning is remarkably linear.

The rear panel has antenna connections on the left. Remote speaker jacks with switch center and phono plug are on the right side. The rear cover name tag shows the radio as being manufactured in Herts (not Hertz), England, and for use on 220v mains only.

With the rear cover off, you can see an unusual blue painted chassis and, just as unusual, spray-shield-type tubes. The rectifier tube, type UU6, is to the upper right hand. It's mounted to a plate above the power transformer where its heat has apparently had little long-term effect on the other components, judging by the fact that the electrolytic capacitors were the only pieces needing replacement. All other resistors and heavily waxed capacitors tested in good condition and were kept.

The tubes used in the A92 are of the 4-volt type and fortunately are working well; it would be difficult to find replacements in this country. The tubes used are: SP 41 - RF amplifier (used for shortwave only); TH 41 - converter / oscillator; VP 41 - IF amplifier; HL 41 DD - detector / 1st audio amplifier; PEN 45 - audio output.

I'm not sure if this was intended, but the grid caps on the RF and detector tubes remind me a lot of the British military helmets used during the war. What do you think?

The power transformer has taps to operate on line voltages from 200 to 250 VAC. The radio has enough sensitivity and gain to operate acceptably even from a 120-volt source if the 200-volt tap is selected and you give it a little extra time to warm up.

The sound quality is good from the 8-inch dynamic speaker. It's interesting to note that, even in 1940, the mains switch opened both sides of the power cord for safety.

Readers may also be interested to know that during the cleaning of the chassis, the type of dirt that covered everything seemed more like coal dust than what I normally encounter in old sets. I know that coal heated almost everything in and around London back then, and I was probably breathing in a bit of that same old coal dust while working on the Murphy. It's amazing to think of all the ways that vintage radios can bring you back in time...

PAPER is short and sets are short, so I'll be short.

This Company has three jobs to do in wartime—as much direct war effort as we can contribute . . . A strong attack on exports to build up British finances abroad . . . The care of the Home Market. We are trying to do our duty in all three. These sets, which have been designed and made for wartime conditions, show you how we have tackled your claim on our efforts. You will see that we have given you greater Short Wave facilities than ever before. You will

see that the cabinets are still as distinctive and solid as ever. You toon't see, but I will tell you, that the things that we have always put first in our sets are

still first —reliability and truthful reproduction. We believe that in this time of war, each wireless set we make has a great rational job to perform in someone's home — perhaps yours. We have tried to design and make sets worthy of their job, sets which will be a comfort and a stand-by to you in these days.

E. J. PUWER, Managing Director.



ACCAO.

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All Murphy sets, exclusive of values and fasteries, gueron seed for one year. Prices do not apply in Bire. His

Murphy Radio Ltd., Walaya Gardeo City, Horts,



Brochure flip side with models offered and a pledge from Murphy's E.J. Power

Bill Liers lives in Youngsville, New York, with his fiancée, Maryann, who lovingly supports his crazy hobby. He is a proud member of the Hudson Valley Antique Radio and Phono Society.

Visit Bill's website at http://billsradioden. shutterfly.com, which showcases his impressive collection and offers other radio-related items of interest. You can contact him at bliers@gmail.com.

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### VINTAGE AUDIO

# Taking a Look at The Tuning Eye

BY JOHN VUOLO

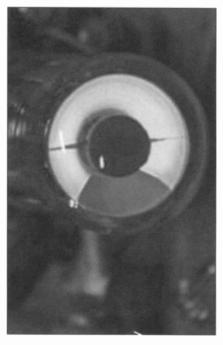
uning eye" is the common name applied to the green-glow tubes used in radio equipment to visually assist the listener in tuning a radio station to the point of greatest signal strength. Officially known as electron-ray tubes, and differ from the cathode ray tubes used to produce images in television, although the two types share a common ancestry and fundamental architecture.

### **DuMont's Invention**

The electron-ray tube was invented by Dr. Allen DuMont in 1930 as a result of his related work to develop the cathode ray tube for television. Dr. DuMont had just completed the transition from his engineering job with Westinghouse to become Chief Engineer for the De Forest Radio Company in Passaic, New Jersey. He most likely used the lab in the basement of his Upper Montclair home to carry out his experiments since he, and not the De Forest Radio Company, owned the patent for the electron ray tube he created. Dr. Du-Mont sold the patent to RCA in 1932, Prospects at the De Forest Radio Company at the time were not very bright, as the company was in severe financial difficulties. The company went into receivership in 1933, with RCA gobbling up most of the assets. The sale of the electron ray tube patent provided the seed money for Dr. DuMont to form his own company. Over the next 30 years, the company bearing Dr. DuMont's name pioneered early oscilloscopes, television sets, and television broadcasting, and it prospered greatly during and after World War II with the development and production of defense electronics.

### RCA Markets' "Magic"

RCA registered its first electron ray tube, the 6E5, on June 27, 1935, and it appeared in the company's console model product line that same year. RCA, fearing a loss of market share to competitors' new lines of very small and midget radios, opted for a different marketing strategy. RCA promoted the "Magic Eye" as an elegant feature of its higher-end product line, where profit margins were greatest. Not surprisingly, the 6E5 wouldn't fit inside the competitors' smallest sets.



An example of a working eye tube

The name Magic Eye quickly gained acceptance by the public as the standard identity for the electron-ray tube and tuning eye feature in consumer radio sets, regardless of manufacturer. Alert to the appeal and success of RCA's Magic Eye, many radio manufacturers quickly purchased RCA's license agreement for the electron-ray tube and circuit designs. The difference in cost at the retail level of this extra feature was typically five to seven dollars. Arvin, Fairbanks-Morse, Lafayette, and Westinghouse, in particular, made early use of the tuning eye feature. Arvin was among the first to introduce it into table top sets with the company's "Phantom Junior" model 618. The tuning eye was popular also with the Sears Roebuck and Montgomery Ward brands. many of which were made by Arvin. It is not unusual to see different manufacturing runs of the same 1936 or 1937 model radio where the later version includes the addition of a tuning eye tube and associated circuitry.

### Zenith Weighs In

Zenith featured visual tuning aids in their product lines more than most manufacturers did, but they avoided an exclusive engagement with the RCA product for two years. Zenith's 1936 sets featured a "Bullseye" variant of the Shadowmeter. This did not create much of a stir with the public as it was not nearly as visually appealing a display as the 6E5's. The Bullseye was dropped in 1937 in favor of the Raytheon 6T5. This unique tube appears in nearly all of Zenith's consoles for the 1937 model year as well as the seven-. nine-, and 12-tube "Walton's" tombstones and other non-console sets. Use of the 6T5 and the Shadowmeter eventually succeeded in pressuring RCA to reduce the price tag for licensing the tuning eye tube and related circuit designs. Finally, in 1938, Zenith adopted RCA's product with the same enthusiasm as they exhibited for other types of visual tuning aids. With the 6T5's principal user now switched to the 6U5\_6G5, production of 6T5s was stopped by Raytheon and Sylvania in 1939.

### **Eye Tube Operation**

The tuning eye tube was designed to visually indicate, by means of a fluorescent target,



Alexander Dumont

the effects of a change in controlling voltage. This was widely used for tuning indicators in radio receivers. The eye tube is comprised of two main parts: a triode that operates as a DC amplifier, and an electron ray indicator that's located in the bulb near the top (see Figure 1).

The target is operated at a positive voltage and, therefore, attracts electrons from





Typical 6E5 tubes

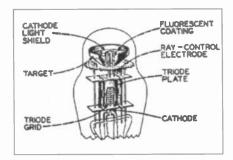


Figure 1.

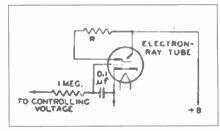


Figure 2.

the cathode. When electrons strike the target they produce a glow on the fluorescent coating of the target. Under these conditions the target appears as a ring of light. A ray control electrode is mounted between the cathode and the target. When the potential of this electrode is less positive than the target, electrons flowing to the target are repelled by the electrostatic field of the electrode, and do not reach that part of the target behind the electrode. Because the target does not glow where it is shielded from the electrons, the control electrode casts a shadow on the glowing target. The extent of this shadow varies from approximately 100 degrees of the target, when the control electrode is more negative than the target, to 0 degrees, when the control electrode is at approximately the same potential as the target.

In the application of the eye tube, the potential of the control electrode is determined by the voltage on the grid of the triode section, as can be seen in Figure 2. The flow of the triode plate current through resistor R produces a voltage drop that determines the potential of the control electrode. When the voltage of the triode grid changes in the positive direction, plate current increases, the potential of the

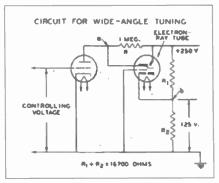


Figure 3.

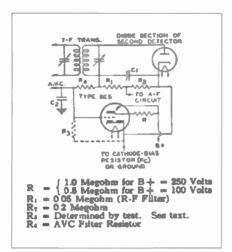
control electrode goes down, because of the increased drop across R, and the shadow angle widens. When the potential of the triode grid changes in the negative direction, the shadow angle narrows.

In the design of radio receivers, the AVC voltage is applied to the grid of the DC amplifier. The AVC voltage will be at maximum when the set is tuned to give the maximum to a station; the shadow angle is at minimum when the receiver is tuned to resonance with the desired station. The choice between eye tubes depends upon the AVC characteristic of the receiver. Eye tubes like the 6E5 use a sharp cutoff triode that closes the shadow angle on a comparatively low value of AVC voltage. Other eye tubes, like the 6N5 and 6U5/6G5, have a remote cutoff triode that closes the shadow on a value of AVC voltage larger than the 6E5's.

The sensitivity indication of eye tubes can be increased by using a separate DC amplifier to control the action of the ray control electrode in the tuning indicator tube. This arrangement increases the shadow angle from the usual 100 degrees to approximately 180 degrees. An example of this circuit is shown in **Figure 3**.

### Typical 6E5 Example

Figure 4 shows a typical tuning indicator circuit employing the 6E5. If the strongest carrier received produces sufficient AVC voltage to exceed the cutoff bias of -8 volts, the shadow area of the fluorescent target will overlap. To overcome this effect, Resistor R3 should be connected as shown, between the



TO CATHODE-BIAS

RESISTOR (RC)

OR GROUND

RS = R4

Re + Rr = 0.2 Megohin

C1 = 100 to 200 aul

C2 = AVC Filter Condenser

C4 = C4

Figure 4.

Figure 5.

triode unit grid and cathode, in order to reduce the control voltage. The value of R3 may be easily determined by applying a strong signal and adjusting R3 until the shadow angle is nearly zero. If the resultant value of R3 is so low as to reduce the AVC voltage appreciably, the DC controlling voltage for the 6E5 should be obtained from a tap on the diode load resistor as shown in **Figure 5**.

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RCA Receiving Tube Manual

Fundamental of Vacuum Tubes, by Austin Vitruvius Eastman, McGraw-Hill Book Company, Inc.

The Forgotten Network: DuMont and the Birth of American Television, by David Weinstein, Temple University Press

Website: www.magiceyetubes.com

John Vuolo has been working in the telecommunications industry for 34 years. He has been restoring and collecting antique radios, tube amplifiers and receivers, TVs, phonographs, and reel-to-reel machines for 40 years.

Contact John at jvuolo9603@aol.com.



The RCA 6E5 tube in original packaging

Attention Subscribers: You can access a color version of this article on the A.R.C. website at www.antiqueradio.com.

### AT HOME WITH THE COLLECTOR

### **Not Your Father's Novelty Radio**

#### BY JON KUMMER

his month "At Home with the Collector" visits Chris in his home on the West Coast. Chris' specialty is collecting novelty radios, and the photos you see here offer only a glimpse of his treasure trove.

For many of us, novelty sets conjure up images of a transistor radio that looks like a McDonald's hamburger, or perhaps a radio in the shape of a gas station pump from Sunoco or Sinclair (remember Dino?). Chris's collection of novelty radios, however, consists only of vacuum tube radios. Classy!

Most of the sets in his collection are the famous Abbotware "horse" radios, but the enviable menagerie also extends to book radios, globe radios, camera radios, piano radios, ship radios, bottle radios, baseball and bowling ball radios, tire radios, lamp radios, and much more. The Abbotware horse radios alone come not just in various shapes, but in many different finishes as well. There can be close to 100 combinations. That's a lot of tubes in a lot of unusual housings!

Chris sums up his thoughts about his hobby this way: "There is no point in collecting if you can't share your collection with other collectors. If you don't share your collection you're simply a hoarder."

Not only does Chris collect, he also repairs the radios in his collection, keeping them looking great and in good working order. He also boasts an extensive collection of



Abbotware "horse" radios, and friends



Bowling ball and baseball radios



General Tire radio

tobacciana items, such as aerospace lighters and ashtrays.

Not surprisingly, for someone with so many aerospace collectibles, Chris is a retired aerospace engineer and lives with his family in California. He has been collecting novelty tube radios since 1995, but says that he has always been a collector. He's also made many friends through the hobby and told A.R.C., "the second



Bottle radios



Camera radios



Coca Cola/Dr. Pepper radios

joy is the friends I've made—even if just on the Web. They are like Pen Pals."

Perhaps you'd like to drop Chris a note of thanks for sharing his collection with us. He can be reached through A.R.C. by email

at arc@antiqueradio.com. We'll pass it along.

And if any other readers out there have a collection they think is worth sharing, contact us at the same Web address. Perhaps *your* novelties will make these pages!



Globe radios



Lamp radios



Keg radios



Book radios



Gleaming piano radios

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### MEET THE CLUB

### Houston Vintage Radio Association— Good Company in the Lone Star State

#### BY EDITH LENNON



President Bill Werzner acts as auctioneer and "looks for the higher," ably assisted by club members Gilbert Hedge and John Schmitt, during the annual convention auction

The Houston Vintage Radio Association (HVRA) formed in November 1978 when 22 radio lovers, the original members of this Lone Star State club, joined forces to better promote the hobby they loved. Four of those pioneering people are still living and are no doubt extremely proud of what HVRA is today: a friendly and active group, 260 members strong, that over 30 years later remains dedicated to its founding mission of preserving and restoring antique radios.

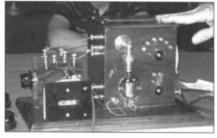
HVRA's membership roster is a testament to its success at promoting the club and its activities. It does so with a multi-pronged outreach that combines of word of mouth, its website and newsletter, special mail notices, personal invitations, mall displays, fliers posted at retail locations and work places, and special invitations to local area ham organizations, to which many HVRA members also belong. Other outreach efforts include hosting displays in libraries, malls, at the Houston Heritage Society, and on the historic battleship, the *USS Texas*.

Providing ample opportunity to keep those hundreds of club members in close touch—and to welcome more—are HVRA's monthly meetings, held the fourth Saturday of each month, January through October, at the Bayland Park Community Center in Houston. Each meeting features a specific program, for instance a



Convention addendees enjoy a radio auction

repair class, and an equipment auction. Many



This homebuilt receiver with homemade spherical audion won first place at a monthly meeting contest

bargains show up at HVRA monthly meetings.

The monthly gathering isn't the only time to snag a bargain or swap a story, of course. The club's swapmeets are held once or twice a year, usually at a member's location and in conjunction with the annual convention, and offer a great chance to see, try, and exchange interesting collectables—and maybe take home a rare piece of radio history.

The annual convention, held in February, is the main event for the club. This gathering features several seminars, or "Tech Talks," three equipment auctions, a swapmeet, an "Old Equipment Contest" with a featured radio manufacturer, and an awards banquet. In addition, HVRA conducts two large auctions in the spring and fall and is also actively involved in assisting Texas Parks and Wildlife with radio-related restorations aboard the USS Texas at the San Jacinto Battleground State Park—a worthy cause indeed. If you're in the area, make sure to pay the battleship and the club a visit.

If you're not close enough to pop in on the club meets in person, however, the next best thing is pay a virtual visit to HVRA's website, at www.hvra.org, where you'll find meeting and convention schedules, technical tips, and over a thousand photos organized alphabetically. Of course, the website also provides access to the club's attractive newsletter, "The Grid Leak," which is published bimonthly and features articles on radios and radio repair, pieces of interest to hobbyists, and club news.

For over three decades, HVRA has supported the preservation of radio history—now let's support HVRA. Contact the club today.



Rare Russian transistor radio celebrating the (CCCP) First Man in Space (Yuri Gagarin) with Sputnik



### Connect with HVRA

Houston Vintage Radio Association P.O. Box 31276 Houston, TX 77231-1276

Web: www.hvra.org Email: ekocian@aol.com

Dues: \$20/year

Interested parties may also contact club president Bill Werzner by phone at 713-721-2242 or via email at werz1943@gmail.com.

Attention Subscribers: You can access a color version of this article on the A.R.C. website at www.antiqueradio.com.

### A.R.C. ANNOUNCES...

### Mark Your Calendars for RADIO XLIII

#### BY CHARLES PERKETT AND JOHN TERREY

ADIO XLIII, aka RADIO 43, is coming! The date is Sunday, February 19, 2012, in its usual location at the Westford Regency Inn & Conference Center in Westford, Massachusetts. The New England Antique Radio Club has picked up the sponsorship of RADIO XLIII.

It's hard to believe just how large this event has grown over the years. It is a far cry from its humble beginnings in June 1977 when "RADIO East" took place at the small airport in Plymouth, Massachusetts, The dozen avid radio collectors who had gathered there agreed to meet again. Thirty-four years and 42 shows later, what they began is thriving, as evidenced by 2011's RADIO XLII, which over 500 collectors attended. It's truly a successful antique radio show story.

At RADIO XLII in February, 2011, publisher /editor emeritus of *Antique Radio Classified*, John Terrey, announced that he and *A.R.C.* would no longer be managing the event. Terrey had sold the magazine in November of 2010 and no longer had the staff to run the show. No one at that time, including the New England Antique Radio Club, stepped forward to claim the reins of the next year's RADIO XLIII.

And so it remained, until the September 2011 Kutztown Antique Radio Meet at Renninger's Market in Pennsylvania. At Kutztown, Bruce Phillips, Tom Scarpelli, Jim Moneghan, and a few other New England collectors posed a question to themselves: "How could we enjoy old radio flea markets so much that we would drive eight long hours each way to participate in a Pennsylvania show and yet not even try to continue the highly regarded annual Westford, Massachusetts "RADIO" flea market, held at a great facility only an hour's drive away from home?" Their consensus was: "The New England Antique Radio Club needs to rededicate itself to our common purpose of having big old radio events in the northeast and reverse our earlier no-RADIO XLIII-show decision and make RADIO XLIII happen!"

Thanks to the joint efforts of catalyst Bruce Phillips, a newly recruited band of NEARC volunteers (17 at last count), NEARC's positive experience holding events at the Westford Regency venue (its fall swap meet was there), and Terrey's continuing support, the popular annual gathering is just around the comer—in more ways than one.

The next old radio flea market event, RADIO XLIII (or RADIO 43), will be held on February 19, 2012, from 8 a.m. to noon, in the Westford Regency's ballroom under the sponsorship of the New England Antique Radio Club. This "biggest radio show on the East Coast" isn't just back again in its same giant location; in reality, it never went away. We are now hard at work to make RADIO XLIII a success. Long live RADIO!

For information, contact Bruce Phillips at (603) 772-7516 or radioorphanage@comcast.net, or visit the NEARC website at www.nearc.net.

Charlie Perkett is the president of the New England Antique Radio Club. Contact him at cperkett@myfairpoint.net.

John Terrey is Publisher/Editor Emeritus of Antique Radio Classified magazine.



Bruce Phillips, who spearheaded the New England Antique Radio Club's decision to sponsor RADIO XLIII and who has been a longtime exhibitor at the Westford RADIO shows, stands at his table at RADIO XXXVIII.

Attention Subscribers: You can access a color version of these articles on the A.R.C. website...



### 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.





Zenith model 701 – Nice wood table radio made in 1933. Covered the AM band and was an AC/DC model. Ian Jarvis, Bismark, ND



Atwater Kent model 165 – This wooden cathedral radio was sold by Atwater Kent in 1933. It uses a five-tube chassis and receives the broadcast band only. The grille decoration is very delicate. Dave Crocker, Mashpee, MA



Emerson model AX-238 "Jewel Box" – Rare chest-type design from 1938. Top lifts to reveal radio, which covers the AM band and is AC/DC powered. Peter Dieguez, Roslyn Heights, NY

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### PHOTO REVIEW -



Olympic model 6A-501 – Plastic table radio made in 1946. This same model was made by other manufacturers. It had five tubes, AM band, and was AC/DC. Dick Hecht, Springfield, IL





Atwater Kent model 155 – This wooden table radio was manufactured in 1933. It has five tubes and recieves the broadcast band only. Dave Crocker, Mashpee, MA



RCA Radiola model 527 – Wood table radio from 1942. Covered both AM and SW bands. This model has the original back. Clark Henderson, Bisbee, AZ



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### PHOTO REVIEW -





**Dictograph model B-20 "Silent Radio"** – Made in 1937 by Fada using a Fada chassis. Has unique sliding front door to hide radio. Peter Dieguez, Roslyn Heights, NY



Emerson model 804A Radio – This 1954 AM band clock radio also served as a desk set with holders for two pens. Telechron clock movement with built-in alarm. Peter Dieguez, Roslyn Heights, NY

Arvin model 60R38 – A seven-transistor portable radio, the Arvin was manufactured by Noblitt-Sparks Insudtries of Columbus, IN. It was housed in a taupe and brown plastic carrying case with a gold wire handle. Clark Trissell, Lincoln, NE



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### PHOTO REVIEW



Crosley Headphones Box – The colorful package clearly advertisers the headphones' \$3 price tag. Dave Crocker, Mashpee, MA



Weston model 779 - Radio repairmen of the 1940s and '50s likely used this portable tester to analyze tube radio receivers. Clark Trissell, Lincoln. NE



Capehart 406E Console (above and right) – This beautiful (and expensive) piece sold for around \$,1500 when new, circa 1937. The "flipper" record changer's top door allow easy loading of up to 20 records at a time. Rob Paterson, San Diego, CA



...find out how by visiting us today at www.antiqueradio.com.



FOR SALE: German tube radios. All working. Excellent/near mint condition. Very reasonable prices. Send for list. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027

FOR SALE: Admiral 5X11 T.M. 1949 \$29; Airking 4604 T.M. wood \$49; Mitchel 1250 head board unit \$39; Sonora RDU 209-29 wood art deco style \$69; Zenith J615 T.M. 1952 \$39. Bob Fuerderer, Holly Farm, 813 Rte 12A, Surry, NH 03431. (603) 352-3005

FOR SALE: 50 OLD RADIO MAGAZINES, 1912-1950S. Send long SASE for list and prices; 50 pound stack of aluminum-acetate transcriptions from radio station WENR in Chicago \$200 including shipping; one ton of antique radios \$2000 you pick up. Must sell. 3000 non-fiction books \$3000 or best offer. Used them for reference when I interviewed people such as Mr. Sulu of Star Trek. All items in Door County. John Engl Sr., 5425 Tart Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672. Call between 2pm and 9pm CST.

FOR SALE: 1936 Philco model 116B tombstone electrically restored \$325; GE K-64 cabinet real nice \$50. Mark Hewitt, 6659 Tipperary Trail, Roscoe, IL 61073. (815) 623-8729

FOR SALE: Trade or best offer. Working table radios: ECA, Dewalt J543 white good cabinet; Philco 49-504 recapped good cabinet; 8 working 1960s era car radios – 12 VDC; Philmore crystal radio; 4 ransistor radios: Randix PWR-7, Panasonic AM/FM RF-P50, Doty AM/FM AT-0382, new in box AM/FM clock radio D-389,834; Fisher BSR record changer 3 speed; Onkyo CP1022A; Wanted for Eico 1050 battery eliminator! volt meter, amp meter, and charger. SASE for list and others. Donnie Kueller, 2871 NE 16th St., Pompano Beach, FL 33062. (954) 946-5883

FOR SALE: Zenith radio model Royal 16 billfold radio new in original box never used, runs good \$125. Adrian LaPierre, 1314 E Gardner Rd, PMB 15, Bullhead City, AZ 86426. (928) 758-6352

FOR SALE: Uniden President HRZ600 ten meter transceiver with original manual, mobile bracket, mic excellent condition works great \$75. Ed Fluehe WA7DAX, 1649 E Stratford Ave., Salt Lake City, UT 84106. (801) 598-9217

FOR SALE: New Naxa model NR712 AM/FM radio with built in speaker & external earphones. High performance pocket size radio \$50 includes shipping. Albert B. Casolari Jr., 1812 Albany, Springfield, IL 62702. (207) 544-2187

FOR SALE: Wire sound controls & resistors; A.R.C. 1992-2006 9 missing issues; O.T.B. 1992-2006 98 copies; 2 Sylvania 1625 tubes; GE GL8020 tube; WG-210 900 meg resistor for hi volt probe; 262 kc IF coils; pick up arm assembly for wind up phono; Zenith HS190 chassis works. Robert Rossi, 10936 Melbourne Ave., Allen Park MI 48101. (313) 386-8321

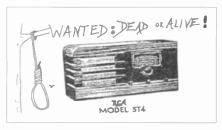
FOR SALE: WE VT-2 patented 1914 & 1915 \$100 & s/h; WE EX-6 from CA 1920 telephone repeater \$75 & s/h. David Edwards Jr., 114 Lakeside Dr., Laurel, DE 19956

FOR SALE: 2 Scott radios in Wellington cabinets, I complete, I incomplete; Scott 12" speaker w/ Scott Musical resonator board; Silvertone tombstone working beautiful \$150; Motorola tombstone 5T working look new \$100; Hallicrafters \$85 communications receiver look new working; Musicaire 6T in cherrywood cabinet airplane dial like new \$150; Crosley book radio 1931 leatherette brown looks like volumes of books excellent: RCA 143 T.S. vice nice with shoulders; Fisher AM/FM tuner tube type looks new working; McIntosh C8 record compensator preamp; McIntosh MX113 AM/FM stereo tuner preamp - McIntosh 2505 power amp both of these in matching walnut cabinets looks new; hundreds of Gernsbach magazines; Radio Retailing; Radio Craft; Shortwave Craft, etc. 1920s - 1940s; Allied Catalogs 1920s - 1960s; thousands of tubes very reasonable. Call with your needs. I will probably have it. Check A.R.C. for the last 3 or 4 months for additional items. Bill Kalcik, Meadowbrook Resort, 1533 River Rd., Wisconsin Dells, Wl 53965. (608) 253-9855

FOR SALE: New in box USA @ \$3 each: 6SA7, 6SK7, 6SQ7, 12SA7, 12SK7, 12SQ7K 12BA6, 12BE6, 12AU6, 12AV6, 12AT6, 6BA6, 6BE6, 6AU6, 6AT6, 6AV6. The following NOS @ \$5 each: 35Z5, 35L6, 50L6, 3Q5, 3Q4, 3S4, 3V4, 35C5, 35W4, 6AQ5, 12AT7, 12AU7. Call for other types. Add \$5 for s/h. Prepaid over \$50 or more. James Lopaz, 44 S Hawes #T6, Mesa, AZ 85208. (602) 373-4002

FOR SALE: Airline15GSL \$25, 04BR609A \$40. Coronados: 438177 \$35 43818 0 \$65 Firestone \$73041 \$30. Howard 906 \$30. National 571 \$45. Philco PT30 \$45. RCA R28P \$65. Tralnsistors: Spice Rack \$35, Crosley book radio \$65. H B McMahan, 313 W Shaw, Tyler, TX 75701, 903 593 5433. hbmc@att.net

FOR SALE: Antique radio schematics \$4, TV \$5 postpaid. Joseph R. Forth, 119 Long Vue Acres Rd., Wheeling, WV 26003.



WANTED: RCA 5T4 wood-case table radio and Philmore 1001C kit set. Contact me for e-mail picture if desired for identification. 5T4 was an export unit sold mainly in Europe before WWII. Dave Smith, k9uim, Box 81, Olney, ILL. 62450 618-843-6601 or k9uim@frontier.com.

WANTED: Atwater Kent model F type speaker; RCA 45EY-1 45 RPM player; Sony color TV model KV32TS35 working chassis. Louis Yadevia, 249 Priscilla Ln., Aldan, PA 19018. (610) 622-2573

WANTED: Old issues of CB Horizons magazine (1961-1964); S9 magazine (1962-1964); and CB magazine (1964-1969). Harry Schools K3HS, 1091 Penn Circle, Apt GT15, King of Prussia, PA 19046.

WANTED: 1 am presently doing research for a book on 27 MHz 100mw Part 15 walkie-talkies of the 1960s. Needed are any brochures, dealer sheets, importer's catalogs, and CB catalogs from CB Center of America, Echo Communications and World Radio Laboratories for my research. Harry Schools K3HS, 1091 Penn Circle, Apt GT15, King of Prussia, PA 19046.

WANTED: Eveready 964 (or equivalent) 1 ½ volt cell. This is the same diameter as a "D" cell but about 73% longer. Does anyone know of a 6 volt lantern battery that is made of 4 of these? Ron Wing, 6725 W. Shade Ln., Apt 106, Wichita, KS 67212. E-mail: wingron@yahoo.com

WANTED: Tuning mechanism for Stromberg Carlson model 601 or 602. Will buy old radio, if reasonably priced, providing the tuning mechanism is in working condition. Need the knob, knob shaft, knob shaft mounting bracket and the 2 gears (or 2 string pulleys); whichever was used. Cliff Huff, 2215 Ridgewood St., Carrollton, TX 75006. (972) 416-7713. E-mail: cliffhuff@verizon.net

WANTED: Radio-Glo and Cord mirrored radios. Joseph DiCaro, 4155 Lastrada Hts., Mississauga, ON L5C-3V1 Canada. (905) 848-7759. E-mail: decoradio@primus.ca

WANTED: Majestic AM radio models 61, 62, 71B (1928). These radios should be in AS-IS condition, working or not working, for a refurbishment project. If you have any or all of these radios available for sale, please contact. If you know of anyone interested in selling any of these models, please contact. Richard Blum, P.O. Box 2626, Palos Verdes Peninsula, CA 90274. E-mail: richieraider@juno.com information

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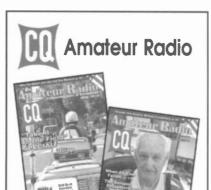
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25 Newbridge Rd, Hicksville, NY 11801 Phone 516-681-2922 www.cq-amateur-radio.com FOR SALE: SP-600JX17- \$200; SB-102, ps, speaker, manual-\$250; Eico 666 tube tester, manuals- \$150; Stromberg Carlson model 60 tombstone- \$60; Peerless model A speaker- \$25. Carter Elliott WD4AYS, 1460 Pinedale Rd., Charlottesville, VA 22901. (434) 566- 8767. E-mail: celliott14@aol.com

FOR SALE: Gonset Super 12 Shortwave converter, Navy "LM" Heterodyne frequency meter type CRR-74028 with calibration book and case CRR-10111. John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz\_rhy@yahoo.com

FOR SALE: Heathkit Items: Battery eliminator BE-3, 0-8 VDC, 15A max, Power converter MP-10, 12 VDC to 117 VAC, 175 watts, RF Signal generator SG-6, 160 KHz to 150 MHz, Condenser checker C-3, Signal Tracer T-3. John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz\_rhy@yahoo.com

FOR SALE: Zenith model 73 console, Zenith 8H861 (8H832) table, GE model 304 radio/rp. John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz\_rhy@yahoo.com

FOR SALE: Free chassis: Silvertone 7105, Westinghouse WR-305, Stewart Warner R-1725A, Air Chief R-1651. Just pay shipping costs. John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz\_rhy@yahoo.com

FOR SALE: Selection of repaired, refurbished, and calibrated radio and TV repair instruments including EICO, Heathkit, PACO, RCA, etc. Low prices, will negotiate! Services: Tube radio and some instrument repairs for the Rocky Mtn. region. David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. Email: djboylesr@msn.com

FOR SALE: Several small television receivers, TV cameras, test equipment, Sams TV books. Howard Felder, 7517 Granada Dr., Bethesda, MD 20817. (301) 320-3028

FOR SALE: Resistors – the following are all carbon 1/8 watt: two packages of 200 each taken from junked sets for \$3 each; 250 ¼ watt 25 assorted \$4.63; 28 ¼ watt long leads NOS \$1.40; 50 ¼ watt long leads NOS \$2.50; 75 ¼ watt long leads NOS \$3.75; 100 ¼ watt long leads NOS \$5; 99 ¼ watt long leads NOS \$4.95; 28 ½ watt assorted \$.70; 35 1 watt wire wound long leads NOS \$7; 7 1 watt metal film long leads NOS \$3.42; 37 2 watt carbon assorted from junked sets \$4.44. All the following from junked sets: 43 2 watt carbon long leads \$6.02; 50 2 watt carbon assorted \$6; 50 2 watt \$6; 11 2 watt carbon long leads used \$1.05. Angelo J. Milardo, 201 English St., New Haven, CT 06513. (203) 624-1015.

FOR SALE: Sams Photofact Transistor Radio Series, (56) between 1 & 153 \$4 ea PP or all for \$100 + postage (Media Mail). siggyrich@aol.com, for list. Richard Bligh 218 SW Christnias Ter., Port St Lucie, FL 34984. (561) 346-1472



WANTED: (Photo above) RCA 143 tombstone. Mark Murphy, 931 Village Blvd., Ste. 905-381, West Palm Beach, FL 33409; (561) 801-1478; Email: markmmurphy@att.net.

WANTED: 5 knobs and speaker for an Arvin Rhythm Maid Radio Model 617. Will consider parts set also. Charlie Poplin, 3518 Courtland Dr., Durham, NC 27707. E-mail: Popawapadol@yahoo.com

WANTED: \$2,000.00 Offer. BC 654 with PE103. Good working condition with cable and rack. Contact Carla Vallier, PO Box 2247, Wichita Falls, TX 76307. (940) 723-7155. Email: cv@mpot.com

WANTED: A National 7 inch TV set, model TV-7, circa 1947. Non working is fine. Please contact Charles Harper, 2000 Jackstown Rd., Paris, KY 40361. E-mail: brdcster@gmail.com

WANTED: Motorola chassis 9-1 or 9-2 or 9-3 for model 9Y or 9R or 9A; or 1 could use a Motorola chassis for model 6T or 56T. Also I need a Zenith model 825 table radio cabinet or will sell chassis. Edward Monson, 1822 Ford St., Florence, AL 35630. (256) 767-0716 evenings. E-mail: ejm1944@hotmail.com

WANTED: New old stock 45 adapters, centerposts, idler wheels. Sears phono idler wheels, 1499-37 dead or alive. Voice of Music, Zenith, RCA record player NOS factory service parts. Shure needles. Gary Stork, 37530 E. Meadowhill, Northville, MI 48167. (248) 478 0990. Visit www.thevoiceofmusic.com or E-mail: info@thevoiceofmusic.com

WANTED: Will pay premium for good restorable red Plaskon Pacific Radio Corp Model 30 or branded version. Model must include eye tube. Bill McKeown, 1401 Woodridge, Euless, TX 76040. (817) 282-2274. E-mail: wilmac@flash.net

WANTED: In any condition, Speaker Grill for Emerson FL-418 Lawson-Chassis for GE L50-Cabinet for AK 155-Always looking for English Radios. Peter Dieguez, 192 Garden St., Roslyn Heights, NY 11577. (516) 625-0429. E-mail: Englishradios@aol.com

WANTED: Black plastic case for Zenith Royal 300 Transistor Radio. Must have no cracks or chips. William Dalton, Jr., 1392 Wood Ave., Bridgeport, CT 06604. (203) 335-9885. E-mail: antiqueradiowilliam1@hotmail.com

WANTED: Little Gem Crystal set as well as others. Also Needed Brown wood horn speaker. Greg Michaels, 1285 South Rd., Scottsville, NY 14546. (585) 538-9341

WANTED: Stereo/Hifi/Commercial Tube Gear, Amps/Speakers/Parts/etc., Guitars, Guitar amps/Pedals/Parts, Tube Testers and Audio Tubes. Sonny Goldson, 520 Pocahontas Dr., Fort Walton Beach, FL 32547. (850) 314-0321. E-mail: sonnysound@ aol.com.

WANTED: Majestic AM radio models 61, 62, 71B (1928). These radios should be in AS-IS condition, working or not working, for a refurbishment project. If you have any or all of these radios available for sale, please contact Richard Blum with your availabilities at P.O. Box 2626, Palos Verdes Peninsula, CA 90274. E-mail: richieraider@juno.com If you know of anyone interested in selling any of these models, please contact me with their contact information.

WANTED: Original meter for Hallicrafters R274/ DFRR. Walter Iacobelli, 2147 Harman St., Ridgewood, NY 11385, (718) 456-1988.

WANTED: LOOKING TO BUY SHORTWAVE/ HAM/CB RADIO COLLECTIONS, ANY CON-DITION IN NY TRI STATE AREA, CASH PAID ASAP. Juan Remus KC2ZTE, 2 Springbriar Ln., Kings Park, NY 11754. (631) 697-5850. E-mail: stocpro47@yahoo.com

WANTED: Do you have so many vacuum tubes you don't know what to do with them? Before you trash those tubes call me and 1 will try to find a home for them. Jeff Arndt, 4021 S. Parker Way, De Pere, WI 54115, (920) 323-6789.

WANTED: Nice clean original 1942 and 1946 Motorola portable radios in excellent cosmetic and working condition. Models 61L11, 61L12, and 65L11. Original owners manual wanted. Send photo and detailed condition description. Mike Hanke, PO Box 773, Wausau, WI 54402

WANTED: for my poor old decrepit 1928 Philco model 86: power transformer – 60 cycle type, output AFT, 2 good used 71-As, 1 good used 80, tuning and volume knobs. Harvey E. Faulkner Jr., PO Box 1731, Elkton, MD 21922. (302) 521-3683. E-mail: yevrah75@gmail.com

WANTED: 10/11 meter mobile linear amplifier. Ed Fluehe WA7DAX, 1649 E Stratford Ave., Salt Lake City, UT 84106. (801) 598-9217

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

SERVICES: Repair of old radio, car radio, audio, stereo. Free estimate, reasonable cost, #1 Google "Vintage Hi-Fi repair." Mike Urban, 37 Elm St., Windsor, CT 06095. (203) 877-2409. Web: www, urban-antiqueradio.com

FOR SALE: Direction indicator control for rotatable antenna; UHF converters; small b/w TVs; 8 track players. Howard Felder, 7517 Granada Dr., Bethesda, MD 20817. (301) 320-3028

FOR SALE: Nice high tube count consoles; Midwest Eighteen, Emerson Fifteen, RCA Fifteen, Stromberg-Carlson Fifteen, Silvertone Fourteen, Zenith 9S36,7 9S262, & 7S258 shutterdials, also 8S463's,10S464's, & 10S567, 10S669 plus Belmont Oval Dial, Grunnow Egg, Motorola Flipdial, Westinghouse Rising Sun, & many others. WANTED: Airite/Kadette Deskset and/or pen & clock. C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019 evenings. E-mail: ken@kennevins.com

FOR SALE: Restored Antique Radios, gift quality sets fully restored electronically and cosmetically, 32 years experience. Keith Park, 31 Barkwood Ln., Clifton Park NY 12065. (518) 373-0417. E-mail: topnotch@nycap.rr.com Web Site: http://www.a383ina68.addr.com/radiorest/main.htm

FOR SALE: Huge Quantities, Tubes, Picture Tubes, Needles, Cartridges, Parts, Semiconductors, Data, Radios, Phonographs, Televisions, Test Equipment. Sales support our self-funded museum. Ray Seppeler, Sunshine Radio Museum, 8 East Main St., Sodus, NY 14551. (315) 483-8451. Web Site: http://www.SunshineRadioMuseum.org/collector

FOR SALE: Grundig Satellit model 650; Zenith Transoceanic radios models R7000-1, R7000-2, and Royal 7000. All radios in mint condition. Larry Rosenberg, 127 Corliss Dr., Moraga, CA 94556. (510) 701-1500. E-mail: rosenberg376@aol.com

FOR SALE: Transistor sale: Emerson Eldorado 911 gold \$20.00, Emerson Vanguard 888 white \$18.00, Philco's 1st T 7-126 White/black \$22.00 CHRISTMAS SPECIAL all 3 for \$40.00. Wanted: Black knob for 1954 Motorola 53H JET radio. Sam Mannino, PO Box 6, Broomall, PA 19008. E-mail: salvageink@verizon.net

FOR SALE: Many Sams sets \$2 each plus postage. Riders 6 to 17,\$15 each plus shipping. Tom Earnest,

PO Box 62032, San Angelo, TX 76906. E-mail: theufol@wcc.net

FOR SALE: Stewart Warner Cathedral model 102A, \$250, Grebe MU1 \$225, Stromberg Carlson 58T tombstone \$165, Bendix 526E \$55. David Sacco, 223 Deerfield Dr., Rochester, N.Y. 14609. (585) 654-8146. E-mail: dsacco@rochester.rr.com

FOR SALE: Books on Wireless & Pre 1920 Radio, Medical Electricity and X-Rays. Also books by and about Nikola Tesla and Tesla Coils. To see our listings, visit our web page www.beqbooks.com Direct orders get 10% discount. BEQUAERT OLD BOOKS, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448. E-mail: info@beqbooks.com

FOR SALE: American Bosch console radio Model 58, 1930's serial no. 4796744"Hx28"Wx13"D, \$40 obo, see pictures at, www.buyat.20m.com Alex Taranko, 3515 Old Yorktown Rd., Yorktown Heights NY 10598 (914) 962-2350. E-mail sci983art@aol.com.

FOR SALE: See items at http://antiqueradioexchange.com/http://antiqueradioex-change.com/ sold by richsequip, most listed under TEST EQUIP-MENT with photos & detailed descriptions. Many seldom offered for sale & going back as far as 1936. Richard Flaws, 212 Mondovi Dr., Oswego, IL 60543. (630) 554-9207 (Before 9pm CT). E-mail: flaws2@att.net

FOR SALE: Nice hi-tube consoles; Midwest Eighteen, Emerson Fifteen, RCA Fifteen, Stromberg-Carlson Fifteen, Silvertone Fourteen, Zenith 9S262, 9S367 & 7S258 shutterdials, also 8S463's, IOS464's, & IOS567, IOS669 plus Belmont Oval Dial, Grunnow Egg, Motorola Flipdial, Westinghouse Rising Sun, & many others. WANTED: Airite/Kadette Deskset and/or pen & clock . C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019 evenings. E-mail: ken@kennevins.com

FOR SALE: Very collectable radios. 1930s through 1950s. John Aggesen, 75 Main St., Rockport, MA 01966. (631) 742-5923.

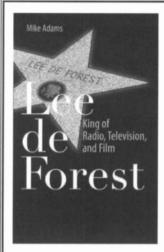
1942 models 42-355.

355T, 380, 380X, 390, and 390X



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Sherman Oaks, CA 91411. Phone 818-786-2500. Email



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Everything stocked & shipped promptly. Radio is our middle name.

SERVICES: All American table radio restoration specials: 5-tube \$49.99; 6-tube \$59.99. Other flat rate restorations for larger radios, car radios & TVs. Send E-mail, write, call, or visit my web sites for details. Dave's Antique Radio and TV Restorations, PO Box 285, Liverpool, NY 13088. E-mail: dave2@dreamscape.com or dave2@tubesandtransistorsandmore.com. Web sites: www.dreamscape.com/dave2/daves.htm or www.tubesandtransistorsandmore.com. (315) 944-0265.

SERVICES: Logan's TV & Radio Repair. Logan's has over 3,000 rare radio tubes for sale. We also repair old radios, through our repair and ship service. Please contact: George for further details at Logan's, Rear 526 Mt. Pleasant St., Greensburg, PA 15601. (724) 826-2163.

SERVICES: Since 1987 Sound Remedy has specialized in re-coning vintage loudspeakers used in antique radios, automobiles, jukeboxes and musicalinstruments as well as stereo and high-power Pro speakers. Our repair workis meticulous and guaranteed. Contact Sound Remedy, 331 Virginia Ave, Collingswood, NJ 08108. (856) 869-0238. E-mail: soundremedy@aol.com.

SERVICES: Antique Radio of Iowa & vintage furniture restorations. All bands electronic chassis repair. Sorry, no foreign units or conversions. Speaker service wood & veneer cabinet restoration. Plastic/bakelite repair and painting. Vintage auto radio repair. Tybe hybrid, all transistor, 8 track, 1930s to 1960s. Check out my eBay Store: iowastuff46. Pay-

Pal and cashiers check welcome. 7 days a week. Don Nordboe, 3131 Avenue A, Council Bluffs, IA 51501. (712) 322-2255. E-mail: dnordboe@aol.com. Web: www.antiqueradioofiowa.com

SERVICES: Utah Reconing your full service speaker re-coning and repair shop. Fast turn around specializing in antique radio speakers as well as a full service re-coner. 22 years experience, reasonable prices, quick turn around. Matt Shelton, Utah Reconing, 7120 Camelot Way, West Jordan, UT 84084. (801) 694-0166. E-mail: redmatt2@juno.com.

SERVICES: Northern Arizona sales, service, and parts for tube radios, amplifiers, auto radios. Vintage Radio, 440 W. Palomino Dr., Chino Valley, AZ 86323 next to our Radio Shack store. (928) 636-5140. E-mail: info@azvintageradio.com. www.azvintageradio.com.

SERVICES: Radio repairs for the Rocky Mtn. Region. Also some radio instrument repairs. Only tube type radios and instruments. For Sale: Selection of refurbished radio and TV repair instruments including RCA, EICO, Heathkit, PACO, & etc. Rates and prices very reasonable. David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. E-mail: djboylesr@msn.com.

SERVICES: Do you need your test equipment repaired or calibrated? I can help. Very reasonable rates. Rod Galloway, 2961 SE 152nd Ave., Morriston, FL 32668. (352) 528-9499. E-mail: rodgall@wildblue.net

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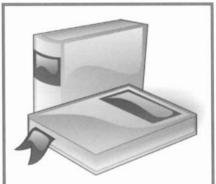
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FOR SALE: Silvertone radio model 8043 clock works, hums, good cosmetic \$50; Jameco Electronics 1983 catalog \$7; large box full of Ham Radio & CQ magazines, how-to projects, manuals \$45 (includes postage). Virginia Soule Chen, PO Box 824, Laird Hill, TX 75666. (903) 984-4259

FOR SALE: Weston 155 AC ammeter 1898 \$40; Sylvania RM-90P AM/FM \$30; DeWald L-803 AM/FM tuner \$45; Simpson 488 field strength meter \$25; Heathkit RF signal generator \$25; Knight KG670 R/C tester \$25; Delmonico-Nivico FMS-411 \$25; Realistic TM-102 AM/FM tuner \$20; Magnavox FM-16 \$45. Paul Lisowski, 5603 E 100 N, Knox, IN 46534. (574) 772-2021

FOR SALE: Federal 8, 9, 55, 56 reproduction cabinets. For details, contact John Terrey, Old Tech – Books & Things, PO Box 803, Carlisle, MA 01741. E-mail: jvt@oldtech.com.



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.0033	6.20	33	21.00
.0047	6.25	47	24.00
.0068	6.35	100	30.00
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1-708-352-0647 radiobob1@radioantiques.com



# ARKANSAS - December 1 ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH MEETING

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

# CONNECTICUT – December 3 VINTAGE RADIO & COMMUNICATIONS MUSEUM OF CT

115 Pierson Ln, Windsor, CT Swap Meet – 8:00am Info: http://www.vrcmct.org

### TEXAS - December 3 VPRS CHRISTMAS PARTY

Garden and Arts Building Info: www.vrps.org

### PENNSYLVANIA – December 3

PITTSBURGH ANTIQUE RADIO SOCIETY FLEA MARKET & HOLIDAY LUNCHEON

10am, Brentwood Presbyterian Church 3725 Brownsville Rd. Info: Chris Wells (724) 942-1113 Web site: www.pittantiqueradios.org

# FLORIDA - December 4 JACKSONVILLE ANTIQUE RADIO SOCIETY

Annual Radio Sale and Swap Meet Jacksonville, FL – Avonlea Antique Mall 8101 Philips Hwy – 1pm to 5pm Info: Sean Olin (904) 386-8332 www.jarsradioclub.com

### NEW YORK - December 4

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET & MEETING

Long Island, NY - Seaford Train Station Parking Lot, 7 am - 11 am Info: Jim Koehler - (516) 623-0035 Rich Lee - (914) 589-3751 www.nyantiqueradio.org

## OHIO - December 6 ANTIQUE RADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave. 7 pm Info: Karl Koogle - (937) 294-8960 karlkrad@gmail.com

# ARKANSAS – December 8 ARKANSAS ANTIQUE RADIO

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

### NEW JERSEY – December 9

NEW JERSEY ANTIQUE RADIO CLUB

Princeton, NJ – Bowen Hall 70 Prospect Ave. - 7:30 pm Info: Marv Beeferman (609) 693-9430 Rich Lee (914) 589-3751

E-mail: radiorich@prodigy.net
Join us on our live webcast: www.njarc.org

### OREGON -December 10

NORTHWEST VINTAGE RADIO SOCI-ETY MEETING & TAILGATE SWAP Oregon City, OR - Abernethy Grange Hall 15745 S. Harley Ave. Tailgate: 8:30 am -

> Meeting: 10 am Info: www.nwvrs.org

#### NEW MEXICO -December 11 **NEW MEXICO RADIO COLLECTORS CLUB MEET**

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

### GEORGIA -December 12

SOUTHEASTERN ANTIQUE RADIO SOCIETY

Meeting with Show & Tell Norcross, GA - Fire Mountain Rest. Jimmy Carter Blvd., 6:30 pm Info: Rich Rodgers - (678) 591-3619

www.sarsradio.com

#### WASHINGTON -December 11 PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA - Seattle Scottish Rite Masonic Ctr. 1207 N. 152nd, Seattle, WA 10 am - 12 Noon: Tailgate Swap 12 Noon: Meeting, Program, Show & Tell Info: Lynda Glaspey - (425) 478-3643 http://www.eskimo.com/~hhagen/psara

### MISSOURI -December 13

ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS MEETING Kirkwood, MO - Kirkwood Comm. Ctr 111 S. Gever Rd., Room 201-A 7:30 pm Meeting, Show & Tell, Swap Table Info: Joe Tauser - (314) 616-0745 joe@ jtauser.com

#### ILLINOIS -December 11 ANTIQUE RADIO CLUB OF ILLINOIS **SWAP MEET**

American Legion Hall 7:00am to 11:00am Carol Stream, IL Info: clubinfo@antique-radios.org

### PENNSYLVANIA -December 13

DELAWARE VALLEY HIST, RADIO CLUB CHRISTMAS PARTY

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

### OLD TECH



### BOOKS & THINGS

What am I doing after A.R.C.? I now have time to sort through the dozens (probably 100s) of boxes of duplicate items in my collection... books. catalogs, manuals, pamphlets, horn speakers, radios... and offer them via my long-dormant business: Old Tech - Books & Things. Old Tech handles more than just radio-related items... included are vintage television, wireless, skiing, computers, musical synthesizers, and more. For details on what's for sale, visit

#### www.oldtech.com

or contact:

John Terrey Old Tech - Books & Things P.O. Box 803, Carlisle, MA 01741 (978) 371-2231 — ivt@oldtech.com

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Theremin Cello



Theremin Speaker

## NORTH CAROLINA December 13

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC - Sheppard Memorial Library Meeting Room A, 530 Evans St. 7 pm Info: Herman Schnur - (252) 752-2264

### OHIO - December 13 SOCIETY FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE

(SPARK) Meeting Kettering, OH -Parkview Comm. Ctr 4100 Glenheath 7:30 pm Info: Dan Casey (513) 265-8466 E-mail: dansradioland@gmail.com

# NEW YORK - December 16 HUDSON VALLEY ANTIQUE RADIO & PHONOGRAPH SOCIETY

Episcopal Church of Suffern 65 Washington Street 7pm to 9pm Info: Dale Cranston (845) 357-1615

# MARYLAND December 18 MID-ATLANTIC ANTIQUE RADIO

CLUB MEETING
Tailgating: 11:30 - Meeting: 1:30 pm

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

## OHIO - December 21 CINCINNATI ANTIQUE RADIO SOCIETY

Fairfield Pavilion, 5251 Dixie Hwy. Fairfield, OH 7:30 pm Info: Bob Sands: 513-858-1755

## OHIO - December 21 CENTRAL OHIO ANTIQUE RADIO ASSOCIATION

DeVry Institute of Tech., 1350 Alum Creek Rd, 1-70 Exit 103B Columbus - 7:30am Info: Barry Gould (614) 777-8534

# NEW YORK December 25 SCHENECTADY ANTIQUE

RADIO CLUB Schenectady Museum & Planetarium, Knott Terrace

Flea Market- 1:30pm Info: David Ellers (518) 326-6042 http://dadellers.triod.com

# NEW YORK - January 1 GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET & MEETING

Long Island, NY - Seaford Train Station Parking Lot, 7 am - 11 am Info: Jim Koehler - (516) 623-0035 Rich Lee - (914) 589-3751 Web: www.nyantiqueradio.org

### ARKANSAS - January 5

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH MEETING

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

## NEW MEXICO - January 8 NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM - Kaseman Presb. Hospital 8300 Constitution Ave. (W. of Wyoming) Info: www.newmexicoradiocollectorsclub.com

# COLORADO - Jan. 8 COLORADO RADIO COLLECTORS MEETING

1pm Info: David Boyle - (303) 681-3258 www.radioace.com

### MISSOURI - January 10 ANTIQUE RADIO COLL. & HIST. OF

GREATER ST. LOUIS MEETING Kirkwood, MO - Kirkwood Comm. Ctr 111 S. Geyer Rd., Room 201-A 7:30 pm Meeting, Show & Tell, Swap Table Info: Joe Tauser - (314) 616-0745

> joe@jtauser.com Web: www.archradioclub.com

# OHIO - January 10 SOCIETY FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE (SPARK) MEETING

Kettering, OH - Parkview Comm. Ctr 4100 Glenheath 7:30 pm Info: Dan Casey (513) 265-8466

E-mail: dansradioland@gmail.com

### NEW JERSEY - January 13 NEW JERSEY ANTIQUE RADIO CLUB

Wall, NJ – InfoAge Science Bldg. L-9032A 2201 Marconi Rd. 7:30 pm Info: Marv Beeferman (609) 693-9430 Rich Lee (914) 589-3751

E-mail: radiorich@prodigy.net
Join us on our live webcast: www.njarc.org

## OKLAHOMA - January 14 OKLAHOMA VINTAGE RADIO COLLECTORS MEETING

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

6 pm: Dinner - 7 pm: Meeting Info: Jim Collings - (405) 755-4139 jrcradio@cox.net - www.okvrc.org

# OREGON - January 14 NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

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

Info: www.nwvrs.org

### WASHINGTON -January 15 PUGET SOUND ANTIQUE RADIO

ASSN. MEETING
Seattle, WA - Seattle Scottish Rite
Masonic Center
1207 N. 152nd, Seattle
10:00 am - 12 noon: Tailgate Swap
12 noon: Meeting, Program, Show & Tell

12 noon: Meeting, Program, Show & Tel Info: Lynda Glaspey (425) 478-3643 Web: www.eskimo.com/~hhagen/psara

#### NEW YORK - January 20 HUDSON VALLEY ANTIQUE RADIO & PHONOGRAPH SOCIETY CLUB MEETING

Episcopal Church of Suffern 65 Washington Street 7pm to 9pm Info: Dale Cranston (845) 357-1615

## OHIO - January 21 CENTRAL OHIO ANTIQUE RADIO ASSOCIATION

Leawood Elementary School 7:30am to 10:30am Info: www.members.tripod.com/ ~COARA/index.html

# TEXAS - January 21 TEXAS ANTIQUE RADIO CLUB MEETING

Kyle, TX - Railroad BBQ 10:30 am Info: Ed Engelken - EdEngel@gvtc.com (830) 899-3864

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

### TEXAS - January 21 VINTAGE RADIO & PHONOGRAPH SOCIETY MEETING

Senter East Center - 1pm to 5pm Irving, TX Info: (817) 292-7435; Web: www.vrps.org

# ALABAMA – January 23 ALABAMA HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL – Alabama Power Bldg. 1801 Abraham Woods Blvd. – 7:00 pm Info: Dee Haynes – (205) 841-4630 www.alabamahistoricalradiosociety.org

# VIRGINIA – January 24 TIDEWATER ANTIQUE RADIO & PHONOGRAPH ASSOC. (TARPA)

Cluh Meeting – 7pm Norfolk, VA – Pretlow Lihrary, Ocean View Info: Barry Callis (757) 427-9667 E-mail: betty3689@aol.com

### MICHIGAN – January 28

MICHIGAN ANTIQUE RADIO CLUB

Farmington Hills, MI - Costick Center Weh: www.michiganantiqueradio.org

#### TEXAS - January 28 HOUSTON VINTAGE RADIO ASSOCIATION

**Bayland Park Community Center** 6400 Bissonnet, Houston, TX Info: Bill Werzner (713) 721-2242 Web Site: www.hyra.org

#### **ILLINOIS - February 5** ANTIQUE RADIO CLUB OF ILLINOIS SWAP MEET

Carol Stream, IL Info: www.antique-radios.org

#### NEW YORK - February 5 GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET & MEETING

Long Island, NY - Seaford Train Station Parking Lot, 7 am - 11 am Info: Jim Koehler - (516) 623-0035 Rich Lee (914) 589-3751 Web site: www.nvantiqueradio.org

### TEXAS - February 10-11 HOUSTON VINTAGE RADIO

ASSOCIATION **HVRA 33RD ANNUAL CONVENTION** 

Greenspoint Marriott, Houston, TX Info: Bill Werzner (713) 721-2242 Web Site: www.hvra.org

### OKLAHOMA – February 11 OKLAHOMA VINTAGE RADIO COLLECTORS MEETING

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

#### OREGON – February 11 NORTHWEST VINTAGE RADIO SOCIETY

MEETING & TAILGATE SWAP Oregon City, OR - Abernethy Grange Hall 15745 S. Harley Ave.

Tailgate: 8:30 am - Meeting: 10 am Info: www.nwvrs.org

### **NEW MEXICO -**

February 12
NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM - Kaseman Presb, Hosp. 8300 Constitution Ave. (W. of Wyoming) Info: www.newmexicoradiocollectorsclub.com

### MISSOURI - Feburary 14 ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS MEETING

Kirkwood, MO - Kirkwood Comm, Ctr 111 S. Gever Rd., Room 201A - 7:30 pm Info: Joe Tauser - (314) 616-0745 joe@ itauser.com

### OHIO - February 14

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

Kettering, OH - Parkview Comm, Ctr. 4100 Glenheath 7:30 pm Info: Dan Casey (513) 265-8466 E-mail: dansradioland@gmail.com

### OHIO - February 14

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Kettering, OH - Parkview Comm. Ctr 4100 Glenheath 7:30 pm Info: Dan Casey (513) 265-8466 E-mail: dansradioland@gmail.com

### **TEXAS - February 18** VINTAGE RADIO & PHONOGRAPH SOCIETY MEETING

Garden and Arts Building - 1pm to 5pm Irving, TX Info: (817) 292-7435 - Web: www.vrps.org

### **MASSACHUSETTS -**

February 19 RADIO XLIII - SHOW/FLEA MARKET **NEW ENGLAND ANTIQUE RADIO** 

8am - 12noon Westford, MA - Westford Regency Inn Info: www.nearc.net Bruce Phillips (603)772-7516

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Sunday, February 19, 2012 — 8:00 AM to 12 Noon

Indoors in the Westford Regency Inn's large ballroom 219 Littleton Road (MA Route 110), Westford MA

Buyers: \$10 admission (spouse & children free). Registration begins at 7:30 AM **Exhibitors:** Tables are \$25 each with a maximum of four tables. Admission for yourself, spouse & children is free with your paid 2012 NEARC membership. Non-members may join for \$12. Pre-registered check-in begins at 7:00 AM.

> Information: website: www.nearc.net phone: Bruce Phillips — (603) 772-7516

Overnight stay: Phone Westford Regency Inn at (978) 692-8200. If reservations are made on or before February 10, 2012, mention "RADIO 43" for special rate.

Directions: Near Lowell, MA, take I-495 Exit 32. Head south following the "To Rt. 225" sign. At traffic light by gas stations, turn right onto Rte. 110 westbound for 0.4 miles. The Westford Regency is on the right. Enter using either of the two doubledoors facing the large parking lot. If this parking lot is full, drive to other end of hotel for more parking.

Sponsored by: The New England Antique Radio Club

# TEXAS - February 19 TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX - VFW Hall - 2pm Info: Ed Engelken - EdEngel@gvtc.com (830) 899-3864

Web Site: www.gvtc.com/~edengel/TARC. htm

### NEW ZEALAND -December 19

**NEW ZEALAND VINTAGE RADIO** SOCIETY MONTHLY MEETING

Info: www.nzvrs.pl.net

# WASHINGTON -

February 19
PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA - Seattle Scottish Rite Masonic Center

1207 N. 152nd, Seattle 10:00 am - 12 noon: Tailgate Swap 12 noon: Meeting, Program, Show & Tell Info: Lynda Glaspey (425) 478-3643 http://www.eskimo.com/~hhagen/psara

## **GERMANY** -Mid. January

GESELLSCHAFT DER FREUNDE DER GESCHICHTE DES **FUNKWESENS E.V.** VINTAGE TUBE AND VINTAGE RADIO MEETING

> Munich, Germany Info: www.gfgf.org

### ALABAMA - February 27 ALABAMA HISTORICAL RADIO SO-**CIETY MEETING**

Birmingham, AL - Alabama Power Bldg. 1801 Abraham Woods Blvd. - 7:00 pm Info: Dee Havnes - (205) 841-4630 www.alabamahistoricalradiosociety.org

# HOLLAND -

February 11
NEDERLANDSE VERENIGING VOOR DE HISTORIE VAN DE RADIO (NVHR)

Eden Hotel Van Schaikweg 55, Emmen -9:30am to 2:30pm International Collectors of Old Technology Info: Intrnationale verzamelbeurs voor

> oude technieke Info: www.nvhr.nl/agenda.asp

### UPCOMING INTERNATIONAL **EVENTS**

(A.R.C. would I'ike to hear about other international radio events)

### CANADA -December 10 CANADIAN VINTAGE RADIO SOCIETY (CVRS) RESTORATION OF A ZENITH TRANOCEANIC

Royal Albert Museum, Edmonton, AB, 1pm Info: www.canadianvintageradio.com

### **HOLLAND** -March 23, 24, 25 NEDERLANDSE VERENIGING VOOR DE HISTORIE VAN DE RADIO (NVHR) "35 YEARS NVHR" EVENT

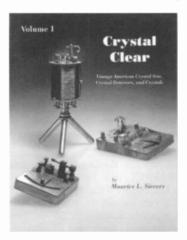
Hotel Zuiderduin, Egmond aan Zee Info: www.nvhr.nl/agenda.asp

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

# CRYSTAL CLEAR

By Maurice L. Sievers

# Volume 1



750 Illustrations – 570 Crystal Sets 341 Detectors – 207 Crystals Perfect for the beginning collector! Useful for the experienced too!

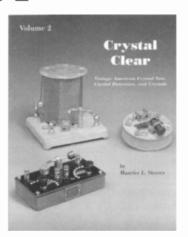
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Crystal Clear, Vol. 2 supplements the first volume. It identifies an additional 172 crystal radio sets, 91 crystal detectors and 26 crystals by manufacturer, model, year produced, description and original selling price. Further research on many of the crystal sets covered in Volume 1. Detailed history on the Philmore Manufacturing Company and the Western Manufacturing Company. 8 ½" x 11", 252 pages.

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

### **NATIONAL CLUBS**

Antique Wireless Association (AWA). PO Box 421, Bloomfield, NY 14469. Pub: The AWA Journal, quarterly. Dues: \$25(U.S.A) \$30 (elsewhere). National annual conference and regional meets. Museum. www.antiquewireless.org. AWA World Convention: http://awamuseum.org/

### **REGIONAL CLUBS**

Alabama Historical Radio Society (AHRS). PO Box 131418, Birmingham, AL 35213. Pub: The Superflex, monthly. Dues: \$20. Meetings, Every Sat. morning and 4th Mon. evening each month but Dec., annual show/swap meet. Don Kresge Radio Museum, Lobby of the Alabama Power Bldg., 600 North 18th Street, Birmingham, AL 35203. Contact Dee Haynes (205) 841-4630. www.alabamahistoricalradiosociety.org.

Antique Radio Club of Illinois (ARCI). PO Box 1139, LaGrange Park, IL 60526. Art Bilski (630) 739-1060. Pubs: ARCI News, monthly and ARCI Update, periodically. Dues \$20. Annual August Radiofest and bimonthly swap meets. www.antique-radios.org. clubinfo@antique-radios.org

Antique Radio Collectors Club of Ft. Smith, Arkansas (ARCC). Paul Tucker 479-782-8178, 4700 N. "N" St., Fort Smith, AR 72904. Dues: \$10. Meets first Thursday of month.

Antique Radio Collectors & Historians (ARCH) of Greater St. Louis. Joe Tauser, joe@jtauser.com. Dues: \$15. Monthly newsletter and meetings, annual picnic/swap meet. www.archradioclub.com

Antique Radio Collectors of Ohio (ARCO). Karl Koogle, 2929 Hazelwood Ave., Dayton, OH 45419. E-mail: karlkrad@gmail.com Arkansas Chapter/AWA. Arkansas Antique Radio Club (AARC). Tom Burgess, PO Box 191117, Little Rock, AR 72219. Info: Tom Burgess (501) 455-0773.

Arizona Antique Radio Club (AZARC). 1080 E. Pecos Rd., Suite 18, PMB 105, Chandler, AZ 85225-2426. Pub: The Arizona Antique Radio Club News, quarterly. Dues: \$20. Meetings, swap meets, Arizona Radio Roundup. www.azarc.org.

Buckeye Antique Radio and Phonograph Club (BARPC). Jon Jansma, 31051 Fox Hollow Dr., Pepper Pike, OH 44124. (216) 591-0121. Pub: Soundings, bimonthly. Dues: \$10.00. Monthly meetings in Akron, Spring and Fall auctions, April joint meeting with PARS.

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

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

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

Central Ohio Antique Radio Association (COARA). Dave Poland, Westerville, OH (614) 890-5422. E-mail: dcp944@yahoo. com. Quartly meetings in March, June, September, and December. January Cabin Fever & July Tailgate Meet. Dues: \$12. www.members.tripod.com/~COARA/index.html

Cincinnati Antique Radio Society. (CARS) Bob White (513) 385-8291. Monthly mtgs. Colorado Radio Collectors (CRC). David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. (303) 681-3258. Newsletter "The Flash", bimonthly starting in Jan. Dues: \$12. Annual Spring Show & Fall BBQ/Auction. www.radioace.com

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

Delaware Valley Historic Radio Club (DVHRC). DVHRC PO Box 5053, New Britain, PA 18901. Pub: The Oscillator, monthly. Dues: \$20. Monthly meetings with swap meet in July. Sponsors twice-yearly Kutztown Radio Show (May and Sept). www.dvhrc.info.

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

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

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

Greater New York Vintage Wireless Association (GNYVWA). Jim Koehler 516-623-0035, Rich Lee 914-589-3751. Swap meet first Sunday of the month at Seaford, NY Long Island Rail Road Parking Lot. Web site: www.nyantiqueradio.org

Heartland Antique Radio Association (HLARA). PO Box 52310, Tulsa, OK 74152. Dues \$15. See website for more info. www.hlara.org

Houston Vintage Radio Association (HVRA). PO Box 31276, Houston, TX 77231-1276. Membership info: Tom Burslem, tomburslem@yahoo.com. Pub: The Grid Leak, bi-monthly. Dues: \$20. Monthly meetings and auctions held 4th Saturday of each month. Web site: www.hvra.org

Hudson Valley Antique Radio and Phonograph Society-AWA (HARPS). meets third Friday of the month at the Episcopal Church of Suffern, 65 Washington St., Suffern, NY 10901. Info: Dale Cranston (845) 357-1615 dale.cranston@gmail.com

Indiana Historical Radio Society (IHRS).245 N. Oakland Ave., Indianapolis, IN

46201-3360. Pub: IHRS Bulletin, quarterly. Dues: \$15 per year. Quarterly swap meets in various areas of the state. www.indiana historicalradio.org

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

Iowa Antique Radio Club and Historical Society (IARCHS). Doug Spyrison, President. E-mail: dougspyrison@mchsi.com. Pub: IARCHS Newsletter, quarterly. Dues: \$10. Annual Radiofest. www.iarchs.org

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

Long Island Radio and TV Historical Society (LIRTVHS). 43 Sayville Blvd., Sayville, NY 11782. Membership \$25 per year. E-mail: liwhs@gmail.com. Web site: www.lirtvhs.org

Memphis Antique Radio Club (MARC). President, Ray Eaton, 459 Second St., Henderson, TN 38340. E-mail: MARCMemphis@gmail.com.

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

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

Mid-Atlantic Antique Radio Club (MAARC). Geoff Shearer, 14408 Brookmere Dr., Centreville, VA 20120 (703) 818-2686. E-mail: gshearer2@verizon.net. Pub: Radio Age, monthly. Dues: \$20. Monthly meetings. www.maarc.org

Mid-South Antique Radio Collectors (MSARC). Terry Layman, 130 Saint Margaret Dr., Lexington, KY 40502. E-mail: layvin-rad@insightbb.com. Meets last Saturday in April and October.

Military Radio Collectors Association (MRCA). Pete Hamersma, PO Box 467, Holderness, NH 03245, www.mrca.ar88.net

Military Radio Collector's Group (MRCG). Lynn Fielding KE6JZD, PO Box 11322, Torrance, CA 90501-1322. Ifielding@elcamino.edu. www.syzen.com/milradio/

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

Nashville Vintage Radio Club (NVRC), 514 E. Kings Rd., Smyrna, TN 37167. (615) 355-2005.Web: www.musiccityvintageradio.org

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

New Jersey Antique Radio Club (NJARC). Richard Lee - President (914) 589-3751 radiorich@prodigy.net. Membership: Marsha Simkin, 33 Lakeland Dr., Barnegat, NJ 08005. Meetings are the 2nd Friday of the month from 7pm to 10pm alternating between Info Age, 2201 Marconi Rd., Wall Township, NJ 07719 and Bowen Hall, Princeton University. Monthly newsletter "The Jersey Broadcaster". Dues \$20. 3 swap meets and 4 repair clinics a year. December holiday party. Web site: www.njarc.org

New Mexico Radio Collectors Club (NMRCC). Contact Ron Monty at ronmonty @comcast.net. Pub: New Mexico Radio Collectors Club Newsletter, monthly. Dues: \$20. Annual Sale & Show and monthly meetings. Web site: www.newmexicoradio collectorsclub.com/

Niagara Frontier Wireless Association (NFWA). Gary Parzy, 135 Autumnwood, Cheektowaga, NY 14227. Regional meets. Display at the Amherst Museum, Amherst, NY

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

Northwest Vintage Radio Society (NWVRS). PO Box 82379, Portland, OR 97282-0379. Pub: The Call Letter, monthly. Dues: \$25 a year. Monthly meetings. http://nwvrs.org

Oklahoma Vintage Radio Collectors, OK City Chapter (OKVRC). Jim Collings, jirradio @cox.net, PO Box 50625, Midwest City, OK 73140-5625. Pub: OKVRC Broadcast News, monthly. Dues: \$15 per year. Monthly meetings, spring and fall swap meets. For more information, vist http://www.okvrc.org

Pittsburgh Antique Radio Society, Inc. (PARS). Chris Wells, 110 Fawn Valley Dr., McMurray, PA 15317. (724) 942-1113. Pub: The Pittsburgh Oscillator, quarterly. Dues: \$10. There are 8 meets a year including the April Tri State Radio Fest. www.pittantiqueradios.org

Puget Sound Antique Radio Association (PSARA). PO Box 7567, Tacoma, WA 98417. Contact Linda Glaspey (425) 478-3643. Pub: The Horn of Plenty, monthly. Dues: \$25 per year. Monthly meetings & swap meets, Nov. show & Aug. swap meet. www.eskimo.com/~hhagen/psara/index.html

Radio Enthusiasts of Puget Sound (REPS). REPS Membership, 17334 Densmore Ave. N, Shoreline, WA 98133. Pub: Air Check, 9 times a year. Dues: \$20 per year. Monthly meetings, annual Radio Showcase. www.repsonline.org

Radio History Society, Inc. (RHS). Radio & Television Museum, 2608 Mitchellville Rd., Bowie MD 20716. Rusty Wallace, Membership Chair. Quarterly publication: Dials and Channels. Dues: \$25 per year. Email: radiotvmuseum@verizon.net. www.radiohistory.org

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

Schenectady Antique Radio Club (SARC). David Ellers, 60 111th Street, Troy, NY 12182. Pub: The Broadcaster. Dues: \$3. http://dadellers.tripod.com/

Society for the Preservation of Antique Radio Knowledge (SPARK). Dues: \$15. Annual Swap Meet, Monthly meeting, 7:30 pm Parkview Community Center, Kettering, OH. Contact: Dan Casey (513) 265-8466; E-mail: dansradioland@gmail.com. www.antiqueradios.com/spark

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

South Florida Antique Radio Collectors. Thomas Valenti, 2651 N.W. 19 Ave., Oakland Park, FL. 33311. Ph. (954) 662-3689. Southeastern Antique Radio Society (SARS). Rich Rodgers, President, 113 Laurel Ridge Dr., Alpharetta, GA 30004. Pub: Newsletter, quarterly. Dues: \$16. Spring, Fall and Winter swap meets. Monthly dinner meetings, 2nd Monday of each month, in Norcross, GA. www.sarsradio.com

Southern California Antique Radio Society (SCARS). Jim Garrett, 15621 Fox Hills St., Westminster, CA 92683. (714) 891-1689. wa6yos@juno.com. Pub: SCARS Gazette, quarterly. Dues: \$20. Web site: www.antiqueradios.org

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

Texas Antique Radio Club (TARC). Ed Engelken, 680 Lake Forest, Canyon Lake, TX 78133. Pub: Lone Star Waveform, monthly. Monthly meetings. www.gvtc.com/~edengel/TARC.htm

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

Tidewater Antique Radio and Phonograph Association (TARPA). Barry Callis, 3689 N. Landstown Rd., Virginia Beach, VA 23456. (757) 427-9667. E-mail: betty3689@aol.com. Meets last Tuesday of each month at the Mary Pretlow Library.

Vintage Radio & Communications Museum (VRCM). 115 Pierson Ln., Windsor, CT 06095. (860) 683-2903. www.vrcmct.org

Vintage Radio & Phonograph Society (VRPS). PO Box 165345, Irving, TX 75016. Pub: The Soundwaves is published quarterly. Dues: \$20.00 annually. Monthly meetings, swap meets, Spring auction, annual convention. More information at www.vrps.org

W. Va. Chapter, AWA (AWA-WVC). Geoff Bourne, 405 8th Ave., St. Albans, WV 25177. Newsletter, monthly. Dues: \$25.00 (includes museum membership). Quarterly meets, monthly meetings, classes.

Wisconsin Antique Radio Club, Inc. (WAR-Cl). Bill Engaas, 18265 W. Thornapple Ln.. New Berlin, Wl 53146. Dues: \$15. www.warci.org

### **INTERNATIONAL CLUBS**

(A.R.C. would like to hear about other international antique radio clubs.)

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

Australia: Historical Wireless Society of South East Queensland (HWS of SEQ). Pub: Wireless Review, quarterly. Membership: membership@hws.org.au. Web Site: www.hws.org.au

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

Australia: Australia Vintage Radio Society Inc. Monthly meetings, workshops, tech. assistance, etc. Bi-monthly newsletter. Overseas memberships are \$35pa + \$5 joining fee. AVRS Secretary, PO Box 3099, Syndal LPO, Victoria, Australia 3150. Web: www.avrs.org.au

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

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

Bosnia: Radio Historijsko Udruzenje Jelah. Web: www.rhu.jelah.ba

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

Canada: Canadian Vintage Radio Society (CVRS). CVRS, 10271 Algonquin Dr., Richmond, British Columbia V7A 3A5. membership@canadianvintageradio.com. Newsletter is available by print or email. See web site for dues. www.canadianvintageradio.com

Alberta Chapter/CVRS, Rick Williams, rich@canadianvintageradio.com. Secretary CVRS Alberta, 9611 142 St., Edmonton, Alberta T5N 2M8.

British Columbia Chapter/CVRS, Bill West-Sells, westsells@telus.net.

Manitoba Chapter/CVRS, volunteer needed, vactube@hotmail.com.

New Brunswick Chapter/CVRS, W.H. Gentleman, bill@canadianvintageradio.com. 17 Maple Cresc., Rothesay, New Brunswick E2E 2A4.

Newfoundland Chapter/CVRS, John Bray, john@canadianvintageradio.com.

Nova Scotia Chapter/CVRS, Brian McKeigan, brian@canadianvintageradio.com. 4 Baird St., North Sydney, Nova Scotia B2A 2B3.

Ontario Chapter/CVRS, Paul Martin, paulmartin8@yahoo.com.

Saskatchewan Chapter/CVRS, Stan Marlin, smarlin@sasktel.net.

Yukon and NWT Chapter/CVRS, volunteer needed.

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

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

Canada, Ontario: Ottawa Vintage Radio Club (OVRC). Lea Barker, barker@ca.inter. net. Pub: OVRC. Monthly meetings. www.ovrc.org

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

Canada, Quebec: Quebec Society for Vintage Radio Collectors (QSVRC). SQCRA, Daniel Labelle, 538 Judd, St-Eustache, Quebec, Canada J7R 4N8. Pub: Radiophilie Quebec, bimonthly.www.sqcra.qc.ca

Czech Republic: Historicy Radioclub Ceskoslovensky (HRCS). Nadrazni 1394/53, CZ 589 01 Trest. Pub: Radiojournal, 3 per year. Meetings: 4 per year. Dues: 25 Euro/Year. Web: www.radiojournal.cz

England: British Vintage Wireless Society (BVWS). Mike Barker, Pound Cottage, Coate, Devizes, Wiltshire SN10 3LG, Eng-

land. Pubs: BVWS Bulletin, quarterly; BVWS Newsletter, five times/year. Dues: £25. Meetings and swap. www.bvws.org.uk

**England: Eddystone User Group (EUG)**. Online only. Web Site: www.eddystoneusergroup.org.uk/

France: Association des Amis du Musée de l'Electro-Acoustique les Radiophiles Français (A.E.A.). Jean-Claude Montagné, President, 35 rue Salvador Allende, F92220, Bagneux, France. Pub: Bulletin of the A.E.A. Dues: \$46. http://perso.wanadoo.fr/clubaea/gindex.htm

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

France: Radiofil, Jean-Paul Delattre, Secretaire general, 2 Rue de la Clairiere, 54425, Pulnoy, France. Email: secretaire-general@radiofil.com. Pub: Radiofil Magazine, 6 issues/year. Dues: euro 39/year. http://www.radiofil.com

Germany: Gesellschaft der Freunde der Geschichte des Funkwesens e.V. (German Society of Wireless History). Germanys largest radio and tube collectors and historians association with app. 2500 members) Publication: Funkgeschichte, bimonthly, many events, website: www.gfgf.org

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

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

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

Italy: Associazione Italiana per la Radio d'Epoca (AIRE), Nerio Neri, President, Museo della Comunicazione, via de Ricasoli 22, 52100 Arezzo, Italy. Pub: La Scala Parlante, bimonthly. Web site: http://www.aireradio.org

Japan: Antique Wireless Club (AWC). Noriyoshi Tezuka, JA1NTF, Secretary AWC, Telephone: +81-45-949-3195, Kagahara 1-24-6-115, Tsuzuki-ku, Yokohama 224-0055,

Japan. Monthly meetings and newsletter. E-mail: n-tezuka@pop16.odn.ne.jp. Web site: http://blog.goo.ne.jp/vrc-tezuka

Netherlands: Nederlandse Vereniging voor de Historie van de Radio (NVHR). Van Aduardstraat 21, 6671 ZD Zetten, The Netherlands, www.nvhr.nl

New Zealand: New Zealand Vintage Radio Society (NZVRS). David Crozier, PO Box 13873, Onehunga, Auckland, New Zealand 1643. NZVRS Bulletin, quarterly, monthly meetings. Dues: \$15. www.nzvrs.pl.net

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

Romania: Pro Radio Antic. P-ta. Acad. Caius Iacob, Nr.4, Bl.R, Sc.A, Et.8, Ap.29; 310136 Arad, Romania. www.proradioantic.ro

Spain: Spanish Vintage Wireless Club (Associacio Cultural Amicos de la Radio). Rei Jaume, 55, 08840 Cardedeu, Spain. http://rt00117m.eresmas.net/amg-2.htm

Sweden: The Radio History Society of West Sweden, Anders Carlssons, Gata 2, SE-417 55 Gothenburg, Sweden. Pub: Audionen. Amateur radio station: SK6RM. Museum: www.radiomuseet.se. E-mail: info@radiomuseet.se

Sweden: Sveriges Radio Historiska Forening (SRHF). Contact Johan van der Levin: johan@johansoldradios.se. www.radiohistoriska.se

Switzerland: Club der Radio-und Grammosammler (CRGS). Johannes M. Gutekunst, Lenzhardstrasse 22, 5102 Rupperswil, Switzerland. Quarterly newsletter.http://www.crgs.ch/

Tube Collectors Association. PO Box 636, Ashland, OR 97520 USA. Pub: Tube Collector, 6 times a year. Dues: \$20 per year to the US and Canada. See the web site for multiple year dues and foreign membership dues. www.tubecollectors.org

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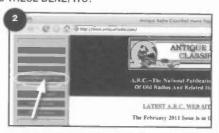
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