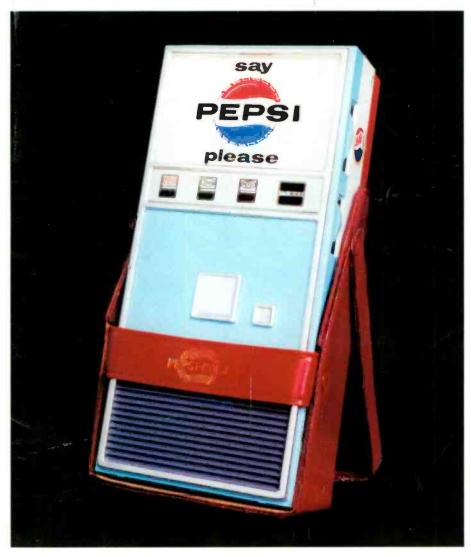


VOLUME 19

FEBRUARY 2002

NUMBER 2



A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS OF OLD RADIOS AND RELATED ITEMS — PUBLISHED MONTHLY

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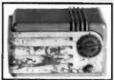
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ANTIQUE RADIO CLASSIFIED

February 2002 • Volume 19 • Number 2

The National Publication for Buyers and Sellers of Old Radios and Related Items — Published Monthly

- Æ **Editor's Comments** Past and present cross paths again. On the Cover "Say Pepsi Please."
- A Meet the Beatles Radio Pepsi picks a winner.
- 9 The Chelsea Radio Company 1920s company excites interest.
- The Marconi Wavemeter Number One 10 Testing. Testing — How long is your wave length?
- 12 Photo Review The description of the month — unusual looking.
- 14 Collecting Military Equipment -Part 5 Find the hidden transmitter and other hands-on fun.
- 18 Restoring an Atwater Kent 545 Radio "archeologist" performs miracles.
- 20 Indiana Historical Radio Society's **Spring Festival** Thirty years young!
- Radio Miscellanea 21 Warning: Meets are for early birds.

- 22 A.R.C. Rates & Policies Subscription, display and classified ad rates and policies.
- 24 Classified & Display Ads
- 51 **Coming Radio Events**
- 53 Mark Your Calendar
- Business Card Ads



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efficiently if your name, address and SUB# are written on each. 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 to its readers and publishes them as space permits (See "Publishing Rights" paragraph.)



EDITOR'S COMMENTS

Past and present frequently cross paths in our radio-collecting world. The recent death of Beatle George Harrison inspired a wave of nostalgia around the globe for the music of the 1960s and the age of Beatlemania. Just in time, it would seem, we received an article from Beatles fan and radio collector Ron Boucher on his novelty transistor radio, which he had seen used by the Beatles in a film on their first visit to the U. S. in 1964.

Radio historians know that it was 1954 when the Regency TR-1 entered the market as the first transistor radio. And here we are ten years later in Ron's article with this Pepsi radio, which was typical of the novelty radio genre used for advertising purposes in those times. Ron's set with its nice carrying case, is a particularly good specimen, as well as an interesting tie to the history of the Beatles.

With Wally Worth's article on the Chelsea Radio Company, we slip back several decades to the 1920s. According to Morgan McMahon's listing in his Radio Collector's Guide, this company must have been a fairly significant one in the Boston area since it produced sets from 1923 to 1927.

Thanks to Howard Stone's article on the 1906 Marconi Wavemeter, we have a glimpse of another even earlier piece of wireless history. This device measures the frequency of a transmission and was one of the first pieces of test equipment developed in early radio. The wavemeter was an extremely practical and useful piece of test equipment, particularly for ship-to-shore installations.

Unusual looking seems to be the best general description of the sets in *Photo Review* this month. Though basically a cathedral, the Claradyne 1927 has an unusual shape. The Zenith "Poketradio" also catches the eye with its swirled surface and the diagonal lines across the cover. In sharp contrast is the simple cube shape of the 1945 RCA 78 rpm demo phonograph. Through the decades, radio designers were hard at work creating different designs that captured the imaginations of consumers.

As we've had to say more than cnce, the unforgettable disaster of September 11 delayed reports of other happenings that we would have published long before this. One such is the spring meet of the Military Radio Collector's Group (MRCG) at Camp San Luis Obispo in California. We thank Hank Brown for keeping us up to date on this event, which grows every year, and for providing much additional material on individual sets.

Whenever we read about the activities at the MRCG weekend, we are struck by the hands-on approach to collecting for this group. They do not just collect, repair, and restore this equipment, they actually use it. There is also a sense that the event is "staged" in context and costume. These

collectors really "get into it" and engage in a highly participatory kind of collecting.

John Hagman is obviously a man with a mission—to revive the dead. He calls himself a radio "archeologist," and the name certainly seems to fit. In an article about restoring an Atwater Kent 545, he tells us not only how he restored the cabinet but also the chassis. We're grateful to John for having the foresight to take before and after photos.

Our congratulations to the Indiana Historical Radio Society on the occasion of its 30th anniversary, which they celebrated at their "Spring Festival." Herman Gross reports on a well attended 2-day event that attests once again to the health of the radio collecting community.

Radio Miscellanea contains a good safety tip about what is the best protection when working on any device with one side of the AC line connected to the chassis. Two letters address the problems and pleasures of swap meets, and another reveals the importance of passing an interest in radio from father to son. Our correspondence always reflects a wide variety of interests.

A.R.C. Benefits. Benefits abound in 2002! A new toll-free number, 866-371-0512; Discover and American Express added to Visa and MasterCard on our list of acceptable credit cards; books shipped free to addresses in the U. S. by book rate; and for subscribers, a ten percent discount on all book orders. To qualify for the discount, you must be a current subscriber and request the discount when you place your order (shipping must be to the address to which we mail your magazine).

Coming Radio Events. The short month of February brings us over 40 club events. As always, we hope to see you at Radio XXXIII in Westford, Mass., on Feb. 17. Last year, this event was attended by over 800 people, and our vendor area has expanded to three rooms. Other winter meets include the Michigan Antique Radio Club on Feb. 2, the Northland Antique Radio Club on Feb. 3, the Southeastern Antique Radio Club on Feb. 16, the Indiana Historical Radio Society on Feb. 16, and the Houston Vintage Radio Association's 3-day convention on Feb. 1-3. And remember — the A.R.C. staff is looking forward to seeing you at Radio XXXIII!

Happy collecting!

John V. Terrey, Editor

ON THE COVER

Our cover features the red, white and blue Pepsi novelty radio in its red leather carrier, the subject of the lead article by Ron Boucher. Ron treasures this transistor radio because he is also a Beatles fan and he has seen it in their hands in a 1964 film. Interesting connections matter in the world of radio collecting.

WITH THE COLLECTORS

Meet the Beatles Radio The Pepsi-Cola Transistor Radio

BY RON BOUCHER

One of the most intriguing aspects of the following article is the connection made between the Pepsi radio and the famous Beatles singing group. The recent death of George Harrison, lead guitarist of the group, brought an outpouring of grief and nostalgia from fans that reminded us once again of the impact the Beatles had on the music and lifestyle of the 1960s and beyond.

Unfortunately, after chasing down a long legal trail, we were denied the rights to publish still photos from the documentary, "The Beatles: The First U.S. Visit" in which the Pepsi radio appears; however, Ron has done a great job painting the pictures with words. (Editor)

Some of our most collectible radios have characters depicted on them. For example, there are the Charlie McCarthy, the Hopalong Cassidy, and Dionne Quintuplet radios. What I am calling the Beatles radio, is actually

made to look like a Pepsi Cola vending machine. What makes it the Beatles radio is the fact that the Beatles collectively owned one.

THE RADIO

This radio is a 9-transistor superhet portable made by the Tokyo Electric Industry Company for Pepsi-Cola in New York City and marketed by Industrial Contacts Inc., also in New York. It measures 3½" x 1½6" x 6½6" tall (80 x 40 x 70 mm) and is molded in red, white and blue. It comes with a red leather carrier. On some examples, the outside of the blue (front) section has faded to greenish blue. The inside is usually the original blue.

A screw secures the red back cover, but even with that screw undone, molded-in detents still hold it on. It's a tight fit, and you have to pry the cover



The Pepsi radio standing in its red leather carrier. The buttons indicate a choice of drinks: Teem, Patio, and, of course, Pepsi.

off. All examples I've seen either have cracks or pieces missing in the corners because of this problem. The damage occurs when the back is taken off to replace batteries. Be careful.

On the front, under a clear plastic bubble, are the words, "Say Pepsi Please." The drinks offered are Patio, Teem and Pepsi.

The radio is AM only and runs on four AA batteries, which were called "penlight" back then. It is actually a pretty good performer and pulls in a lot of stations at night. An earphone with carrying pouch was supplied. I listened to one with modern full-size headphones and found the tone to be quite good, with plenty of bass and volume, which is all wasted on the builtin 21/2" speaker.

These radios originally came in relatively nice boxes. On the sides are the following words: "Distortion free tuning – Amazing range – Nine transistor circuit for pow-

er & range – Lightweight – Compact – Pocketable – Outstanding selectivity – Perfect tonal quality." I agree with the performance claims!

During the Beatles' first tour of America, the local New York radio stations played a large role in their success. This radio was one of their links to these stations.

THE BEATLES CONNECTION

So, how and why did the Beatles end up owning one of these radios? The documentary film The Beatles: The First U.S. Visit tells the story.

The year is 1964. On February 7, John, Paul, George and Ringo are flying to New York for their first appearance on the "Ed Sullivan Show," as well as for a concert tour that includes Washington D.C. and New York's Carnegie Hall.

Capitol Records has recently taken over the release of the Beatles' records in the U.S. and is spending an unprecedented \$50,000 on a promotion campaign. This includes wigs, "Beatles are Coming" posters, and other promotional activities. It's working!

New York radio stations, especially WMCA 570 and WINS 1010, are going all out in publicizing the Beatles' arrival. WMCA is announcing the time as "Beatle time." The stations are actually following the progress of the flight. WINS 1010 DJ and promoter Murray the K is especially enthusiastic and would eventually make his way into the Beatles' entourage.

At 1:20 P.M., Pan Am flight 101 arrives in New York, at the newly renamed Kennedy Airport. The Beatles are not expecting the reception they are about to receive. On the flight, George had said "They have everything over there. What do they want us for?" He had been to America once before.

As the plane taxis up the runway, they are all looking out the windows. When it pulls up to the terminal, they are surprised by the sight of the crowd. They think the reception is for someone else. Not so.

After a press conference, they leave the airport in four Cadillacs and head for the Plaza Hotel on 5th Avenue near Central Park South. As soon as they are underway, the car radios are switched on so they can hear if anything is being said about them. They are finally hearing the sound of American commercial radio firsthand. This is not at all like the BBC.

That evening they watch the 6 o'clock news to see if their arrival was being reported. By now, our Beatles/Pepsi radio is on the coffee table in

their room on the 12th floor. No doubt someone from Pepsi arranged for them to have it there.

At that point, they are really fired because for them, it is nighttime. George seems to be the most exhausted because, by then, he is having tonsil problems. He will skip rehearsals and sightseeing the following day.

The next day, February 8, they go for a photo session in Central Park. The Pepsi radio is with them, but George is not. He remains sick at the hotel.

About 4:30 P.M. that day, leaving the ailing George behind Ringo, John, and Paul go to meet representatives of Rickenbacker Guitars. The company had set up a display in rooms 904-905 at the Savoy Hilton Hotel near Central Park where they presented the Beatles with a 12-string electric guitar. The three brought it right back to George at the hotel. George used it the following week for rehearsals in Miami, as well as later in their first movie A Hard Davs Night.

During a radio interview, George mentioned the guitar and said how much he liked it. As a gimmick, the announcer offered to buy the quitar for him. But, of course, George already owned it.

After the interview at Rickenbacker Guitars, the Pepsi radio is not seen again in the film. I wonder if they forgot it at Rickenbacker when they grabbed the guitar. Paul was then carrying the radio.

Murray the K interviewed them by phone and later showed up in their room. The Beatles couldn't understand how he pulled that off. He was in their room the day of the Ed Sullivar show and took them out on the town that evening. He also went with them on the train trip to Washington. It was

(Continued on following page)





Left: The cover of the Pepsi box labeled with the motto, "For those who think young" and showing the well known bottle itself in the rear. Right: The Pepsi radio in its neatly fitted box with the earphone in its case and batteries.

(Beatles Radio, continued) snowing and they didn't want to travel by air in a blizzard.

On the afternoon of Sunday, February 9, the Beatles taped their first performance for broadcast later on February 23. That evening, their second performance was broadcast live from Ed Sullivan's Studio 50 at 524 West 57th St. The following week, on Sunday, February 16, they broadcast a second live show from Miami, They returned to London on February 22.

THE FILM AND THE PEPSI RADIO

The Beatles, The First U.S. Visit covers the Beatles' arrival; events at the New York and Miami hotels; the Central Park photo shoot; their night out with Murray the K; the train trip; some Ed Sullivan performances, including the one in Miami; and their return to London.

The film was edited to make a good story and the sequence isn't always correct. For example, what is supposed to be the limousine trip from the New York airport to their hotel was actually shot the next day. I think they

were trying to make it a real-life version of A Hard Days Night.

The Beatles were fascinated with American commercial radio and American music which they listened to on the Pepsi radio. It was especially handy when they did phone interviews, which they granted left and right. They even unknowingly endorsed some bootleg recordings of themselves. They also each had smaller radios with earphones and called in requests for songs other than their own.

As a Beatles fan, as well as a radio and guitar collector, I became very interested in this radio

This is an advertising novely made for.

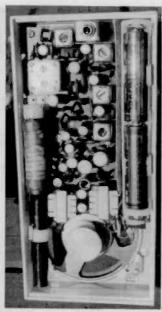
PLEST COLA COMPANY, New York, N. Y. by TOKYO ELECTRIC INDUSTRY CO., LTD.

No. 947.6 Chome, Ebara, Shinagawa ku, Tokyo, Japan for 1ATH STHIAL CONTACTS, INC. N. Y. C.

Japan

The radio is labeled in detail: "This is an advertising novelty made for Pepsi-Cola Company, New York, N. Y., by Tokyo Electric Industry Co., LTD. No. 117.6 - Chrome, Ebara, Shinagawa-ku, Tokyo, Japan for Industrial Contacts, Inc., N. Y. C. Japan."





Left: The Pepsi radio sports patriotic colors — red for the back cover, white, and blue for the front which sometimes fades to greenIsh blue. Right: The inside of the Pepsi radio showing two of four batteries on the right, the antenna on the left, and the speaker on the bottom.

and finally acquired one. Though it is seen many times in the film, I've never seen it in any photos.

(Ron Boucher, ronboucher@mediaone.net)

Ron Boucher has been collecting radios since the late 1970s and specializes in radios of the early 1930s. He was an active seller in the 1980s. In the 1990s, he created several pieces of radio-related artwork for radio collector magazines.

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http://musicradio.computer.net/wmca/beatles.html to hear John & Ringo plugging WMCA

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1981.

RADIO IN THE TWENTIES

The Chelsea Radio Company

BY WALLY WORTH

Always on the trail of a new old radio company, especially in the Boston area, Wally Worth has come up with another. But, as always, he seeks more information, so let's hope someone out there can help. (Editor)

The Chelsea Radio Company started to sell radio parts by advertising in *Radio News* magazine in April 1922. Located at 150 Fifth St., Chelsea, Massachusetts, the company offered its own tube sockets, amplifying transformers and variable condensers.

Also advertised was the Model 104 regenerative receiver, a 1-tube set with a WX12 tube. This very early, quite rare set is shown in Figure 1.



Figure 1. The Chelsea Model 104, a 1-tube set manufactured in 1922.



Figure 2. The Chelsea Model ZR30, manufactured about 1923.

The company made many other models, including the Model 107, a 4-tube, RF set; the Model 122, a 3-tube "triple circuit" set; the Model 110, a 1-tube regenerative set; and the 2-stage Model 115 amplifier. Also made were the Model 111, a 2-tube amplifier and the 3-tube Model 103. About 1923, two 3-tube regenerative sets — Models ZR30, shown in Figure 2, and ZR4 "Continental" — were offered.

In 1925, they produced two models of the "Chelsea Super-Five," a 5-tube set with a slanted front panel. These sets came with a wood-grain front panel with reddish knobs, as well as with a black Bakelite panel with black knobs. A front view of the Super-Five is shown in Figure 3. All the company cabinets were finely finished and very well made of walnut.

In his Radio Collector's Guide, Revised Edition, Morgan McMahon also lists the following models: a 102, a Super 106, a 140 Bearcat, a Truphonic Six,and a Deluxe.

Except for changes of address, I have no information as to the owners or staff that comprised the Chelsea Radio Company. In 1924, they were located at 173 Spruce St., Chelsea; in 1925 they moved to 179 Spruce St., still in Chelsea. Their advertising in Radio, Radio News and Popular Radio magazines was small and sparse.

I would welcome any additional information on this company or their products. Many thanks to Dave Crocker for his input to this article.

(Wally Worth, 2 W. Elm Ave., Wollaston, MA 02170)

At age 15, Wally Worth began saving his paper route money to buy parts for 1-tube sets. Then in 1985, fifty years later, he started to collect anything that needed cabinet work. His diverse collecting tastes include crystal and 1920s battery AC sets, as well as transistor, multiband, and novelty sets. He also collects early tubes and both horn and cone speakers.



Figure 3. A front view of the 5-tube Chelsea Super-Five, manufactured in 1925.



EARLY WIRELESS

The Marconi Wavemeter Number One

BY HOWARD STONE

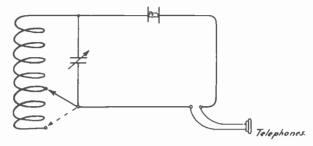
In this article, Howard Stone provides a look at another piece of early wireless history in the form of a Marcorii Wavemeter. His persistence in the search for information about his wavemeter is a model for any collector in pursuit of authentic restoration. (Editor)

Wavemeters measure the length of waves; they determine the frequency of a transmission or help calibrate the dial of a receiver. They were one of the first pieces of test equipment developed at the beginning of radio.

In 1906, Guglielmo Marconi first introduced the Marconi Wavemeter Number One in England. The first commercial wavemeter that Marconi made, it was used mainly at ship-to-ship and ship-to-shore installations. It typically covered the frequencies of 100-800 meters, though when introduced, this particular wavemeter was calibrated to measure from 200 to 1040 meters. Figure 1 shows the schematic of the Wavemeter Number One from an early Marconi catalogue. The circuit is very simple, like that of a basic crystal set.

I found the Marconi Wavemeter shown in Figures 2 and 3 while living in Cambridge, England, during the 2000 school year. It was a basket case. The glue was no longer holding, and it was falling apart at all of the joints. The leather was dried and curled up. It had to be soaked to soften it and refastened to the box on the left that holds the earphone.

Because the wavemeter was in such poor shape, I was not sure how the finish should look. It did not look like other early Marconi ap-



Diagrammatic View of Wavemeter.

Figure 1. The schematic diagram for the Marconi Wavemeter Number One.



Figure 2. A Marconi Wireless Telegraph Co. Wavemeter in its case after restoration by the author.

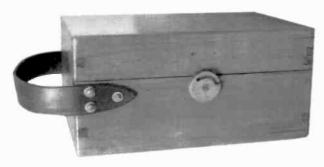


Figure 3. This view of the Wavemeter, with its cover closed, shows its dovetail construction and excellent restoration.

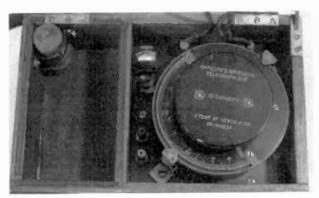


Figure 4. A closeup of the Wavemeter shows the compartment for storage of a headset on the left, along with a storage box for extra crystals.

Marconi Wavemeters Nos. 1 and 2

FROM: MARCONI'S WIRELESS TELEGRAPH CO., LTD.
MARCONI RECEIVING AND MEASURING INSTRUMENTS,
A MARCONI CATALOG FROM THE PERIOD

"This Wavemeter is the most practical instrument of its kind that has been introduced. It is extremely portable and self-contained.

"Wave lengths can be measured very rapidly, one minute being usually sufficient time to measure within .75 percent, providing the transmitting is not too damped.

"In the latest type of instrument, all the old defects in the condenser, such as brush contacts, have been eliminated. The instrument is far more sensitive than any Wavemeter using galvanometers or vacuum tubes, and consequently, waves not otherwise detectable can be measured with great ease. Used as a miniature transmitter with a shunted high-note buzzer and a dry cell, many receiving tests can be carried out without having resource to a distant station." paratus I had seen. I tried to find one in someone's collection in the United Kingdom, but had no luck. The Science Museum in London had several later Marconi wavemeters, but not the Number One.

I contacted the Marconi archives in England; they replied that they had an example of this wavemeter in their collection but would not let me see it because the archives are not open to the public. Bad news for those studying or restoring early wireless. Finally, I mailed some staln chips and a list of specific questions to the archives and got some answers.

I found out what I suspected — the wood of the case is teak, not mahogany, oak, or walnut, as one might expect in radios or wireless equipment. Still, teak makes sense for equipment used on shipboard. Fortunately, about half of the original finish was still there, so the rest of the finish could be blended in. The wavemeter's cabinet measures 95% x 6½ x 4½ inches.

The detector used in the wavemeter is a chunk of crystal wedged in between two 2" long pieces of spring brass to the back left of the condenser. The small, turned-round, wood box in the back of the earphone box is for spare crystals. The card in the lid is for calculating the wavelength. When fitted with an optional buzzer, the wavemeter can be used as a signal source to tune and calibrate receiving sets.

The Marconi Wavemeter Number One is a fine example of an early piece of test equipment.

(Howard Stone, 2625 6th Ave., Fort Worth, TX 76110)

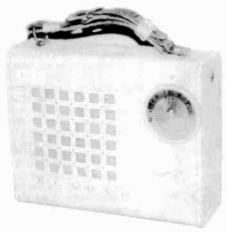
Howard Stone is a professor of Pastoral Counseling at Texas Christian University, Fort Worth, Texas. A long-time collector, he is especially interested in crystal sets and in wireless 1- and 2-tube battery sets of the early 1920s. His series of articles on British crystal sets has appeared in A.R.C.



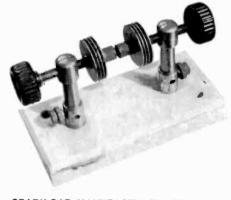
PHOTO REVIEW



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.



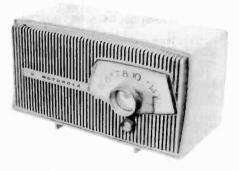
BULOVA, MODEL UNKNOWN — This tiny, 4-tube portable is only $6\frac{1}{2}$ wide and $5\frac{1}{2}$ tall. It has a white leather case. Inside is room for two C-cell batteries and one $67\frac{1}{2}$ volt B-battery. (Wally Worth—Wollaston, MA)



SPARK GAP, MANUFACTURER UNKNOWN—Though this early piece of wireless apparatus has no markings, it has all the earmarks of early 1900s manufacture. It produces a spark for early radio transmission. It is mounted on a porcelain base measuring 5¼" x 25%", and the aluminum cooling rings are 1½" diameter. Can anyone identify the manufacturer? (Dave Crocker—Mashpee, MA)



CLARADYNE MODEL 1927 – This early 5-tube TRF cathedral has a built-in speaker behind the bell motif grille. It also has a dial light above the tuning escutcheon. (Ross Mason – Mason City, IA)



MOTOROLA MODEL A9 – This plastic-cased, 5tube radio, manufactured in 1960, covers the broadcast band only. (Clark Trissell – Lincoln, NB)

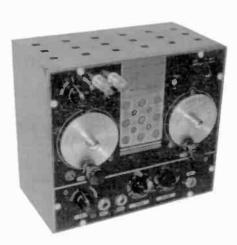
PHOTO REVIEW



ZENITH "POKETRADIO" MODEL 4K600 – Like most "camera-style" pocket radios of 1940s vintage, the Zenith Companion "Poketradio," manufactured in 1941-1942, has the antenna coil encased inside the nonmetallic hinged cover. When opened, this cover also serves to activate a springloaded power switch. The filament power to the four miniature tubes is supplied by two D-cells. A No. 467 67½-volt battery provides the B voltage. Seven 9V transistor radio batteries in series will work as a substitute for the B supply. This kind of set was often given as a present to young men entering the armed services in World War II. (Rich Smardzewski – Bel Air, MD)



OVERLAND RECEIVER – This 1-tube receiver was manufactured by the Overland Radio Corp. of New York City. (Merrill Bancroft – Townsend, MA)



ABBOTT INSTRUMENT MODEL TR-4 – This ultra shortwave receiver/transmitter was manufactured in the U.S.A. in the 1940s. (Jim Taylor – Boumemouth, England)



RCA VICTOR MODEL 663 – This 78 rpm phonograph was manufactured in 1945 for use as a demonstrator of records in store sound booths. (Frank D. Atwood – Merrimac, MA)

VINTAGE MILITARY EQUIPMENT

Collecting Military Equipment — Part 5 The Sixth International MRCG Meet (2001)

BY HANK BROWN

A.R.C. has been following the Military Radio Collector's Group (MRCG) annual meets for several years now, and each of Hank Brown's reports has attested to the growing interest in military equipment. Hank also includes much additional material on individual sets.

These articles help to open up a special category of radio history and its jargon and to introduce us to a highly participatory aspect of radio collecting. Past articles on this subject appeared in November '89, June '91, and November '94. Parts 1, 2, 3 and 4 of this series appeared in March '99, August '99, April '00 and October '00. (Editor)

Perfect weather greeted the West Coast Military Radio Collectors Group (MRCG) for their 6th annual meeting at Camp San Luis Obispo (SLO). The meet was held the first weekend in May. Participants from seven states and The Netherlands were present.

Early arrivals on Thursday started setting up equipment, antenna masts, tents, campsites, generators, batteries and other accessories. By the end of the day the NCO Club was alive with equipment displays and operational sets running. An old Army PA system was in use and seven stations in the nearby RV and camping area were operating on various amateur radio frequencies.

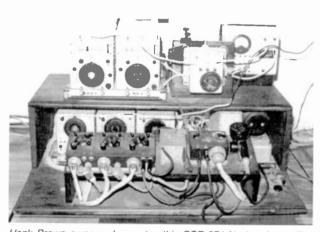
Friday morning was bright and clear as more and more people began to arrive for a day of informal operating, discussing sets and circuits and good old-fash-

ioned gab-sessions. By 1 P.M. about 30 participants had passed by the sign-in desk and were involved in setting up their own gear.

Dennis DuVall was host to this year's event and did an excellent job organizing the activities and details necessary to make the event run smoothly. About dusk, 41 servings of pizza, salad



Dennis DuVall operates this Navy GP-7 aircraft transmitter from his home with an 800-cycle motor generator set. Several Navy aircraft were equipped with this unit in the early part of World War II.



Hank Brown owns and operates this SCR-274-N aircraft set. The equipment was used in B-17 and B-24 bombers, as well as in many other aircraft, during World War II. The set operates on 28 VDC.

and drinks were enjoyed by those present. By this time there were 61 sign ups counted.

Three runs at finding a hidden transmitter were conducted Friday afternoon. About ten hunters tuned up their 51 MHz FM receivers and loops to try locating the small 1/10-watt transmitter with a continuous voice message.

The first hiding place was under some firewood in the BBQ pit. It was rather interesting to see the hunters walk past the BBQ pit with a look of "it can't be in the fire pit." The second hiding place was in the back of Dave Ross's pickup truck loaded with an operational RTTY transmitter and receiver station. The "bug" was under the equipment and rather difficult to see. Several participants found the transmitter about the same time.

A third try caused a restart to be called. Two volunteers planted the transmitter in the comer of a large steel dumpster with the top closed. This (Continued on following page)



Another view of the rear of the NCO Club and some of the vendors. Many were looking for and finding that last part to complete a set.

MRCG 2001 RTTY Operation

An RTTY, or Radio Teletype system, consists of a sending device, a modulator to shift the frequency of an oscillator in a transmitter, a distant receiver and a demodulator to recover the information followed by a device for printing the text. The RTTY code generated by a keyboard or tape transmitter modulates the transmitter with a series of Marks and Spaces determined by the letter being transmitted. A Mark keys the transmitter on one frequency while a Space shifts the transmitter to a frequency about 850 lower. This is called frequency shift keying or FSK.

The ŘTTY code consists of a start pulse, five information pulses and a stop pulse. Start and stop pulses



William Donzelli looks over Dave Ross's huge radio teletype (RTTY) installation. The AN/TRC-75 was on the air powered by a large gas driven generator set. Note the TT-76-GGC and TT-4A/TG telelprinter machines on the left and right.

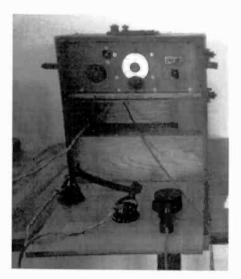


Over 150 feet of cable separates the 4-cylinder gasoline driven generator set and the TRC-75 installation operated by Dave Ross.

provide signals required to keep the sending and receiving machines in step with each other. Page printers, keyboards and tape readers are mechanical devices driven by electric motors. Standard speeds of 60 words per minute (WPM), 68 WPM, 75 WPM or 100 WPM are used. Some machines are equipped with gearshift mechanisms to change speeds.

This year there were several RTTY stations in operation at the MRCG site and elsewhere. Stations operated by Al Tipsword and Dave Ross established contact with each other as well as stations some distance away.

Al Tipsword and Dave Ross meet with other stations on the ham bands with mechanical machines. Listen for the Clatternet, 850 shift RTTY roundtable on 10,137 kHz, USB Saturday. The operations start about 0930 Pacific time.



This is a British WS-17 used for short-range phone communications between search light units and control centers. Batteries provided about ½-watt RF output on 40-60 MHz AM for about a three mile range. The unit is owned and operated by Bjorn Forsberg.

(MRCG, continued)

shielding was so effective the hunters all reported "no signal." After relocating the transmitter in the center of the dumpster the hunters had enough signal to take bearings. Those that found the little

rig came back to report, "we had trashed it." Everyone had a good time and gained some practice in the use of their DF loops.

There were more stations in operation this year than in the past. Several stations worked each other locally, and some established contact with distant stations. A big problem for all was the very high electrical noise level on most all frequencies. There were several suggestions that the MRCG meet at some other site that is quieter electrically. However, a suitable site has not been suggested thus far.

Al Tipsword ran a very impressive AN/GRC-14 radio set with telelprinter machines running at 60 WPM. He even ran some RTTY art from punched tapes. As the tapes ran through the readers a picture of a lovely lady appeared on the page printer. The picture was formed by periods, X's and O's in combinations to draw the picture.

Heavy fog rolled in Saturday morning but did not prevent about 35 trucks, vans, cars and trailers from setting up for the ever popular swap meet. Many complete sets, parts, accessories and manuals changed hands as the sun warmed up the area.

Camp SLO displays a small M-3 Steward tank in a park near the front entrance. Last year some MRCG members noticed the tank did not have the correct antenna installed. Trish Gibbons conducted a ceremony to present Capt. Gruner, SLO Staff, with the proper antenna for the tank. Several extra antenna sections were donated to the facility for their use.

This year an equipment contest was conducted. Three categories of equipment were judged by three judges and awarded points. In the Outside Operational category Cam Ogan received a blue ribbon for his PRC-1099 and Dave Ross received a white ribbon for his TRC-75 set. The red ribbon went to Al Tipsword for his PRC-47 set.

A blue ribbon went to Al Tipsword for his GRC-46 set in the Inside Operational category while Mark Blair, operating an AN/GRR-5 receiver on 110 VAC picked up the white ribbon. Paul Thekan took the third place red ribbon with his fine RDZ receiver set.

A total of 30 entries were counted for all categories with sixteen being entered in the Inside Display category. Howard Krinsky displayed a very rare AN/PRR-15 surveillance radio from the Viet Nam era to take a blue ribbon. Ludwell Sibley took second place with his excellent display of an early VT-137 500 MHz radar tube. Jay Coward displayed a rare Aircraft Radio Corporation (ARC) R-113 VHF receiver along with some Japanese sets, an ARC R-24 receiver and an ARR-41 radio to take the red ribbon.



Two pieces of test equipment are sitting on top of this SCR-608 VHF FM set. The transmitters and receivers operated in the band from 20 to 40 MHz and were installed in a number of army tanks. The open drawer at the left contains extra crystals for frequency changes. Phil Epstein brought the set from Minneapolis for display.

MRCG 2001 ALE Presentation

Trish Gibbons gave a great talk on the technique of two or more radios automatically establishing contact with each other. This is known as ALE or Automatic Link Establishment and is used in some of the modern radios.

Lets say two radios are some distance apart — perhaps a couple of hundred miles or so. At any time of the day or night one or two frequencies should allow the two radios to communicate with each other. In the past, skilled operators changing frequencies, tuning antennas and receivers/transmitters as necessary, performed this task. The operators would then establish contact with each other

Today, an ALE equipped radio does the same thing but is automated to perform the task. The radios are capable of scanning sev-

eral preprogrammed frequencies; say 4, 6, 8 and 11 MHz. The ALE circuit sends digital messages at predetermined times on the frequencies and listens for replies. The signal quality is measured and stored in chips inside the radios within the net. The result is a set of radios that are always tuned and ready for communications via an operator.

A network (or net) of stations using ALE follows a set of rules or protocol. The protocols used are FED-Std 1045 and MIL-Std 188/141. Usually, automatic antenna tuners or broadband antennas are used. There are several amateur radio stations working with ALE on the 80-meter and 40-meter ham hands

Trish presented a live demonstration of this interesting ALE operation following her

Dave Ragsdale provided an excellent Saturday lunch of BBQ chicken with all the extras. Over 70 servings of the delicious noon meal were served.

Trish Gibbons presented a technical seminar on the subject of modern radios and Automatic Link Establishment or ALE. Paul Bernhart came out from Virginia to present a most interesting talk on the Harris AN/URC-1 and Collins TSC-60 (HF-80) systems. Bjorn Forsberg followed with a discussion of his British Wireless Sets 17, 18 and 46. Bjorn's three sets were on display during the meet.

Videotape of the 2001 meet is available from Bob Heusser, k6tuy@mindspring.com. Bob also has copies of the MRCG 2000 tape. Copies of the videotape of the '96, '97 and '98 meets are available from Hank Brown, httprown@earthink.net.

The MRCG has a Web page operated by Mike Brown, Mike updates the information on a regular

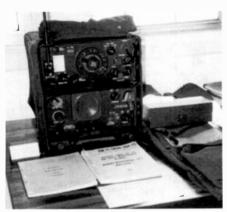
basis. Look at photos, read about schedules and keep up with the MRCG at www.syzen.com/~milradio/.

Military radio collecting activities have expanded to the east coast with the Military Radio Collectors Association (MRCA). Contact Pete Hamersma, pehamers@worldpath.net for more information.

Dennis DuVall is hosting next year's meet and promises a great slate of speakers, demonstrations and operation at Camp SLO.

Contacts: Dennis DuVall, w7qho@aol.com, Hank Brown, htbrown@earthInk.net, and Bob Heusser, k6tuy@mindspring.com.

(Hank Brown, 4141 West L-2, Lancaster, CA 93536)



Mark Blair took second place in the Inside Operational Category with his AN/GRR-5 Army receiver. The set is operating on 110 VAC in the photo.



A group of transmitter hunters with receivers and loops are getting ready to find the hidden transmitter. The "bug" was on 51 MHz FM with a continuous voice message and ran about 1/10-watt RF output.

RESTORATION & REPAIR

Restoring an Atwater Kent 545

BY JOHN HAGMAN

It seems that no set is beyond restoration when John Hagman decides it should be brought back from the grave. In this article, John provides some useful restoration techniques with emphasis on cabinet work. (Editor)

I'd have to call my specialty as a collector "Antique Radio Archeologist." I leave those high priced, shiny sets to the yupple investment bankers, and covet dusty hulks lurking beneath flea market tables — tombstones, cathedrals, and the occasional console. To me the ideal radio, the one that calls to me, is the diamond so rough it shines only in my mind's eye. Recently, I brought a basketcase tombstone back from the grave — radios that most folks would call "parts sets" are now proudly restored to their original glory. Many of the 40 odd display sets in my collection have gone through similar full reconstructions.

I bought the 1936 Atwater Kent 545 tombstone two years ago from a friend for \$50. He described it as a set even I wouldn't want to restore. It was a 2-piece, dogeared cabinet with a smashed grille and a dusty chassis with no tubes and a dangling speaker. The unrestored cabinet is shown in Figure 1.

RESTORING THE CHASSIS

It took quite awhile to assemble all the needed supplies. The first order of business was to totally rewire and recap the chassis. Atwater Kent, along with a few other makers, used rubber covered wire on many of its sets. The rubber had become like biscuit dough baked onto the wires. I painstakingly pulled out each piece and replaced it with the same color of plastic covered wire.

At the same time, the distinctive Atwater Kent paper caps were all carefully restuffed (what a pain!) with contemporary replacement capacitors using yellow hot melt glue that looks much like the OEM wax. The set uses 16 paper caps even though it's just an AM through 7.5 MHz set. I hid the two filter caps under wiring and elected not to restuff the old electrolytic cans.

I replaced the missing volume control twice. First, I used an inexpensive imported control and destroyed it with heat while grinding the shaft. Then I decided I hated the look of it anyway, and found a nice old bulky 1946 Magnavox unit with a switch from a wasted chassis. I added the usual 34 ampere fuse in an under-the-chassis holder. The original cord is actually in good shape.

Then I realized the oscillator coil had an open winding. I rewound it with 10 turns of slightly heavier wire and — voila! she works! My new Radio Shack hand-held frequency counter that I had defamed earlier works great it turns out. It's so "cool" to have an exact readout of the frequencies being produced!

RESTORING THE CABINET

Once I had the chassis going I made presses for the cabinet. For basketcase radios, you don't want to play around with bad blocks of wood and improvised clamps or contact cement. You want to use the ¾" hardboard-covered plywood sold for making signs, etc. It has an absolutely smooth surface. Even grade A plywood can "telegraph" its grain into the veneer. Veneer folks call blocks of wood to press veneer "cauls."

I made a press big enough for the whole cabinet face, covered it with wax paper and filled a glue syringe with just regular yellow water-based glue. The water helps buckled veneer relax. Also use plenty of C-clamps. You don't want too thick a glue — none of the improved gel glues or Weldbond work too well. The yellow glue's slower set-up time allows the time you need to inject glue patiently into every nook and cranny, and between all of the separated layers. Work it into tight spots with a thin blade and fingers.

The key thing is not to look at the radio too carefully before you start, or you'll get discouraged. I assure you I have glued together grilles that were like a box of wooden corn flakes, and it melded into strong real wood once wet laminated.

Grille bars are of course the most smashed and delaminated areas in bad radios, and this set was no exception. The idea here is to "weave" new layers of veneer pieces into the missing spots in the bars. Don't worry about their width — this is important. You can trim them later with a razor once the glue sets. Overlap the open areas of the grille as needed — it makes

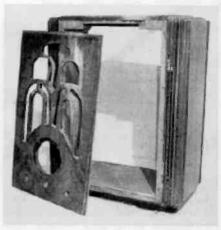


Figure 1. The Atwater Kent Model 545 cabinet before restoration.



Figure 2. The Atwater Kent Model 545 in its restored state belies its as-found condition.

fitting much easier and you can trim the bars to width very easily later. Just pay close attention to thickness and the arrangement of the surface veneer, which, in this case, was walnut.

I patched the missing areas with walnut veneer from an old Philco 20 case for the surface, and with thick poplar veneer for the core. The reason I use old veneer is that it matches so much better than any modern veneer ever does. Aged walnut, for example, gets a reddish color that just can't be duplicated with a stained patch, which will fade with age differently from the surrounding veneer. I used Scotch tape wrapped around the glue-filled bars as needed to hold them in place. It can be sanded off later and doesn't mark the veneer too much.

I pressed it all together, and after three hours removed it to trim off the excess glue (really hard to get off later) and veneer. The solid poplar sides of the cabinet had to be reglued, and then the patched cabinet face was glued and pressed onto the sides. I sanded the cabinet copiously and applied Minwax dark walnut stain. I never stir my Minwax, as it is a dyelpigment mix, and I prefer the clear nonmuddy look of using only the dye portion.

The next day, I masked off the walnut face and applied plenty of lacquer toner to the sides and edges to match in this lighter wood (poplar doesn't accept stain that well). I make my own toner — in this case, half and half dark brown and dark green RIT fabric dye shaken in lacquer thinner, strained through coffee filters.

I had to cut new pieces for the sides of the base, and used some mahogany that was lying around. I used Weldbond urethane glue to attach these to the bottom of the cabinet. I do like this glue for some higher strength quick applications like this. It foams out of the joint and fills any gaps, and the excess can be easily sanded off. Next, came eight coats of clear gloss lacquer to build body without the cloudiness of satin or semi-gloss lacquers. Then, came three coats of satin

lacquer. After 10 days drying, the surface was leveled with 600 and then with 1200 grit paper, and finished off with #0000 steel wool, and white Scotchbrite for final high polish.

The chassis had a just a little rust, but I simply cleaned it up with Scotchbrite and applied LPS-3, my favorite rust protection. It leaves a nice waxy coating that doesn't attract dust and is clear and nonconductive. I made a speaker cloth board out of mat board, painted it flat black, and installed the grillectoth. I installed the speaker and then the chassis in the cabinet, but, of course, you have to take something out at least once.

In this case, I had the common problem of the tuning capacitor making the dial scale sag below the dial window. I shimmed the tuning capacitor with a hose washer, and the result is the stunning "new" radio shown in Figure 2.

PERFORMANCE

The set is fussy in that it needs a real antenna, or it begins to "birdie." Ghirardi warns that some sets are prone to producing oscillations or "birdies" without a proper antenna. The radio tunes up to 7.5 MHz which allows it to receive some shortwave frequencies not available in some shortwave sets that tune only to about 4.5 MHz.

Reference:

Ghirardi, A. *Modern Radio Servicing, 1st Ed.* New York: Murray Hill Books, 1935.

(John Hagman, 190 Park St., Burlington, VT 05401)

John Hagman bought his first set, a Majestic 5A430, for \$7 at a Vermont flea market three years ago. Since then he has built up a collection of several dozen sets, mostly cathedrals, tombstones, and high-end consoles with an emphasis on Philco. He revels in restoring radios for display that might be thrown out or that the average collector would part out. See his Web site at http://home.att.net/~yonny.



Figure 3. The interior of the Atwater Kent Model 545 after its restoration.

MEET REPORT

Indiana Historical Radio Society's Spring Festival Greenfield, Indiana — June 8-9, 2001

REPORTED BY HERMAN GROSS

The Indiana Historical Radio Society's (IHRS) 30th Annual "Spring Festival" was held June 8-9, 2001, at the Hancock County 4-H fairgrounds in Greenfield, Indiana. This new location offered an air-conditioned, 7,000 sq. ft. building with kitchen and restroom facilities, as well as a covered 6,000 sq. ft. pavilion nearby with a well manicured grassy area adjacent for overflow. There were about 110 registered families in attendance. The weather was beautiful both days, and most vendors elected to set up outdoors. We are excited about this new location because it essentially offers all-weather facilities.

The main theme for this meet was the celebration of our 30th anniversary. All registered members received a special 30th Anniversary cup. Founding members were granted Life Memberships and given an engraved gold pin decorated with the IHRS logo, the member's name and the words "Founding Member." The surviving founding members are: James Fred, Marshall Howenstien, Don Johnston, Serge Krauss, Dr. Ed Taylor, James Thomas and Gary Vierk.

The Old Equipment Contest, chaired by IHRS VP George Freeman, was set up in the 4-H Building. Contest categories were the following: radios made in Indiana, speakers, colorful radios, factory-made crystal sets, and an "Open" category. This year's contestants were encouraged to add "context" to their dis-

plays; i.e., not only provide supporting technical and advertising documentation pertaining to the object being displayed, but also add other nonradio-related objects or displays from the same period.

Context for this year's "Best of Show" award included a flour strainer with "Radio" embossed on the side, an advertising display of "Radio" shoes, a large dress advertisement from the flapper era, and many other items with "Radio" imprinted on them. All were from the same time period as the contest radio. The "Open" category brought in a most impressive display of beautifully restored battery eliminators (yes!) that would have made any one proud to own. It took first place in its category.

The Awards Banquet was held Friday evening in the Greenfield Ponderosa banquet room and was attended by 40 members. We took this occasion to honor our founding members. Only Dr. Ed Taylor and Don Johnston were able to be in attendance. In addition, Old Equipment Contest winners were recognized.

This year, we added a "Members Choice" award which was won with an impressive "Made in Indiana" radio display by Mike Feldt. The "Founders Best of Show" award was awarded to IHRS secretary/treasurer Fred Prohl. "Context" was the factor that tipped the scales in Fred's favor over several other very good entries.

Ed Dupart conducted some interesting seminars, including cabinet polishing techniques and materials, and determining capacitor values without schematic or marked values on the part. He also conducted a "hints-'n-kinks" session with very active participation from the audience.

There is no auction data for this event because we had only a silent auction for donated items, and very few items were offered.

The Indiana Historical Radio Society (IHRS) publishes the IHRS Bulletin quarterly. Dues are \$15/1 year and \$25/2 years. The club holds quarterly swap meets in various areas of the state. For more information, write to IHRS, 245 N. Oakland Ave., Indianapolis, IN 46201-3360.

(Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902)



Dr. Ed Taylor (left) and Don Johnston (right), two of the founding members of IHRS who were given Life Membership awards on the occasion of the club's 30th anniversary.



RADIO MISCELLANEA

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

VTVM on AC/DC Sets

Dear Editor:

A letter in the August Radio Miscellanea mentions a GFI when working on AC/DC sets. I would still be careful about using a VTVM on these sets. I once fried the ground lead on my VTVM when I clipped it to the chassis and drew a large arc. The best instrument to use on AC/DC sets is a battery-operated meter.

I remember drawing an arc on the antenna terminals when installing a grounded antenna terminal on the early RCA 630 TV. This set had chassis-to-line capacitors that had become defective, and the balun coil in the tuner burned out.

Alton A. DuBois, Jr., Queensbury, NY

The use of a line-isolation transformer is the best protection when working on AC/DC sets or any device that has one side of the AC line connected to the chassis — either directly or via line bypass capacitor. (Editor)

My Dad and A.R.C.

Dear Editor:

My dad Donald S. Maurer passed away on December 18, 2001, at age 74. He read the first issue of A.R.C. you sent him in 1984 and was a subscriber for most of the 17 past years. He got me interested in anticue radios when I was still in high school, and I often read his issue when he finished with it; that is, until I broke down and got my own subscription.

Dad was a World War II veteran and graduated from the Radio-Electronics Institute in Philadelphia in 1949. After briefly working in some other TV shops, he opened his own shop, Maurer TV Service, in 1952, which he continued until his death.

Don Maurer, Lebanon, PA

We're always saddened by the loss of a longtime supporter of radio collecting and history, but we're heartened by the news that Don passed his interest on to his son. (Editor)

Cover Kudos

Dear Editor: I loved the cover of A.R.C. for November Good Work and Bravo! John Cunningham, Columbus, GA

Marconi and the 100TH Triode

Dear Editor:

Hooked in vain through the articles about Marconi for more information on his use of a 100TH power triode in his early experiments in radio. If true, he was way ahead of de Forest and deserves even more recognition on his 100th anniversary.

Dick Parks, Oakton, VA

Can anyone out there help to solve this mystery? (Editor)

Newcomer Alert — Meets Start Early

Dear Editor

Since you guys are the "bible" of the radio collecting hobby, something that wou'd be he pful to newcomers would be to inform them that radio meets usually start early and often don't last all day.

At our last swap meet, I had a call on my cell phone from someone wanting directions, as he drove from Richmond, Va., a 3-hour drive. He was still one-half hour away. I tried to tell him that the meet would be over by the time he got there. At our July meet, a guy walked in as we were packing up at 11:30 a M., wanting to know where the radio meet was. I m sure this puts a bad taste in a newcomer's mouth about radio meets.

Ron Lawrence, Matthews, NC

Articles in A.R.C. have addressed this issue, and we again encourage clubs to make sure that the hours advertised match the actual hours of the meet. (Editor)

Swap Culture Alive and Well

Dear Editor:

l attended the New England Antique Radio Club (NEARC) swap meet in Nashua, New Hampshire, last fall. I have attended seven times in the past, but this is my first one as a seller. I found it a lot of fun. It was like a home-cooked meal compared to a TV dinner. I got there late (8:30) because I forgot about the 25 percent who arrive at 7:00 and leave at 8:30 And I forgot to allow half an hour for setup. Despite these errors, I considered it a huge success. I sold everything cheap, but that was my purpose, since all of my stuff was "cellar grade."

I reduced the volume of my van load by 90 percent for my return journey, despite my late arrival. And all of it went to good homes, including a museum in E. Hartford that took a lot of my stuff cheap, including a 1930 DeForest Crosley radio/phono that weighed a ton.

A fellow who always has nice cathedrals and tombstones at nigh prices said he hasn't sold one in two years —that no one wants them. Clearly, he doesn't do eBay, where high-end classic sets have moved. Also he hasn't considered that he's overpriced for the meet environment. Few bring consoles to Nashua, but I plan to continue. I'm sure that I could move nice radios there for 80 percent of eBay prices with more fun and less hassle.

Swap culture is alive and well, though down a little perhaps rom its halcyon days. Even selling cheaply, I more than covered my expenses and freed up a lot of space. Meanwhile, I have acquired a 1920s couch with perfect original upholstery for a steal, and my period living room is almost complete. Now I just have to hide the TV inside a stand for my soon-to-be Zenith porthole table set and I'll be all set!

Thanks to NEARC. It was a pleasure as always. John Hagman, Burlington, VT

Hope we see John and others with his enthusiasm at Radio XXXIII in Westford Mass., this month. (Editor)



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

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

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

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

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

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

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

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

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

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

DISPLAY AND BUSINESS CARD ADS • DETAILS AND RATES

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

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

Advertising must be prepaid, except as noted below; see "Payment" paragraph above for details. Late ads will be run only if space and time permit. Since artwork is reduced to 63% in the printing process, originals must be the artwork size listed below. Do not send in artwork on art board or send negatives. Ads should be typeset or typed neally with a carbon ribbon, black ink (not pencil) on white. If used, reverse type must be limited to 25% of the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Photos should be at an 85-line screen; otherwise, add \$16.00 perphoto for screening. Do not cut or trim photos or glue photos to artwork; submit separately.

If you are confused by these requirements and terms, please

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

We assume that advertisers want all ads which are submitted to m without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet these specifications. A late ad will run beginning with the next month. "Tear sheets" will be sent only for 1/8-page or larger ads and only if requested when the ad is submitted.

First business card per advertiser is at lower rate.

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

	ARTWORK SIZE	As Printed					One Time
D	(SEND IN THIS SIZE)	(size in magazine)	Cost for	Cost for	Cost for	Cost for	to make
Page Full	HxW (inches)	H x W (inches)	1-month	3-months	6-months	12-months	up Ad
	12 7/16 x 7 1/2	7 3/4 x 4 3/4	\$289.00	\$769,00	\$1329.00*	\$2325.00**	\$69.00†
1/2 H	5 1/4 x 7 1/2	3 5/16 x 4 3/4	146.00	389.00	675.00*		
1/2 V	127/16 x 39/16	7 3/4 x 2 1/4				1175.00**	37.00+
1/4	5 1/4 x 3 9/16		146.00	389.00	675.00*	1175.00**	37.00†
1/8	2 5/8 x 3 9/16	3.5/16 x 2.1/4	74.00	197.00	342.00	595.00	19.00+
		1.5/8 x 2.1/4	38.00	101.00	177.00	305.00	9.001
Business Card (1.1/4 x 2.3/8	not avail.	53.00	90.00	159.00	7.00±
Business Card (2nd) 2 x 3 3/4	1 1/4 x 2 3/8	not avail.	68.00	110.00	306.00	
* Full & ½ p	page, 6-mos.: 1/2 due with order;	1/2 due in 3 mos. ** Full	& 1/2 nage 12.	mos : 1/2 due	with order 1/	dus at 2 4 6 4	7,000
-	+ For 6 and 12 month of	da a a a da a ta	or 11 buffet 12	11103 /4 UUC	watti Oruci, 74	que at 5, 6 &	9 mos.

† For 6 and 12 month ads, no ad make-up charge if no change is made to ad for entire run.



ASSIFIED ADS • DETAILS AND RATES

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 29¢ each. See details below. Classified ads sent by mail, fax, e-mail or by any other method must be received (not just postmarked!) by Noon Eastern Time on the classified addeadline date to guarantee inclusion in the current issue. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on opposite page for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

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

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

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

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

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

Clubs: Since club activities receive free coverage on the Coming Radio Events pages, the free 20 words may not be used for club activity

ads. A discount on display advertising is available for clubs.

CLASSIFIED AD DETAILS

Deadline: NOON ET- 10th of the month!

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

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

Classified Ad Rates per Month

Subscribers:

First 20 words: FREE*

29c per word for extra words over 20 plus 10¢ per word for a shaded ad (count all

words including free words).

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

Non-Subscribers:

47¢ per word plus

10¢ per word for shaded ad.

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

BOXED CLASSIFIED AD DETAILS Deadline: 1st of the month!

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

Boxed Classified Ad Rates per Month

Nonshadec ads:

40c per word for all words," none free, plus

10¢ per word for each bold word plus

10¢ per word for each all-caps word. Shaded Ads (All words are bold at no charge):

50¢ per word for all words' plus

10¢ per word for each all-caps word.

Non-Subscribers:

Add 20¢ per word to above costs.

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

PHOTO & DRAWING CETAILS Deadline: 1st of the month

for all ads with drawings or photos!

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

Photo and Drawing Rates per Month

\$23.00 per month for each photo or drawing (If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

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

IMPORTANT — COUNTING WORDS — IMPORTANT

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



FOR SALE: Books: Radio operators Q&A 1933-1940, 1948, & 1975 editions - \$40 for all; Radio Courses, Modern Radio 20 lessons - \$25; ARRL 1948 book - \$10; US Armed Forces book - \$10; Motorola Fixing Transistor sets - \$10; RCA How to fix 45 players - \$11; 100 radio hookups (1923) - \$10; How to use early set analyzers - \$10; 101 ways to use VOM & VTVM - \$15; Sams restringing guides DC 1, 2, 3, 6, each - \$10; Tube to care for and straighten warped records - \$10; Tube substitution guides - \$5 & 10; Tube placement guide radios 1938 to 1947 - \$20. Plus postage on books. Book List LSASE w/55c. Victor, Edison, RCA novelty list LSASE 55c postage. J.J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (856) 464-6741. E-mail: jipapo@juno.com

FOR SALE: Glass dials: our reproduction glass dial scale efforts are well underway over 35 styles available and more available every week. Visit our Web site for regularly updated status. Radio Daze, LLC, 7 Assembly Dr., Mendon, NY 14506. (585) 624-9755. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Superior Instruments television cross-bar generator, with horizontal & vertical linearity & sweep, serviced, fine – \$36. Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

FOR SALE: Bumper alarm clock by Check Out, in box, mint. WANTED: Old auto radio signs. TCM, PO Box 363, Rotterdam Junction, NY 12150-0363

FOR SALE: Zenith 7-H918 FM only – \$60. Radiola 61-1 – \$75. Hallicrafters FM66 – \$50. Gilbert Simpson, 18 Beechwood Dr., Ansonia, CT 06401. (203) 734-4085

FOR SALE: 11-inch Zenith 7S657 speaker – \$10. Johnson tube type base CB transceiver – \$10. James S. Looney, Rt. 1 Box 54, Grundy, VA 24614. (276) 531-8677

FOR SALE: Scott Allwave 15 in beautiful Warrington cabinet and excellent chrome – \$2,250. Zeniths: in great cabinets: 12-S-370 – \$775; 9-S-262 – \$650; 8-S-359 – \$375; fair cabinets: 9-S-262 – \$405; 6-S-152 – \$210. WANTED: Zenith 7-S-633 chassis, or will take whole radio. Karl Johnson, 3517 Morton, Brookfield, IL 60513. (708) 485-2349

FOR SALE: Rider's, Beitman's, RCA Red-Books & Canadian schematics by e-mail or first class; vastly expanded collection - \$2.50-\$3.00. Also radios, manuals, misc. items. Zach Taylor, 1413 Broadway, IL 62656. http://radiorelics.tripod.com

FOR SALE: Heathkit vector scope Model HK 10-101 – \$20. For information write: Earl Friedman, 27 N.E. 5th Ave., Hialeah, FL 33010-5014

FOR SALE: 45 tube adapter – \$16 plus UPS. James Sinwell, 511 Newport Dr., Greensburg, PA 15601. (724) 834-0763

FOR SALE: Parts, tubes, books. Two-stamp SASE or e-mail for list. Wayne LeTourneau, PO Box 63, Wannaska, MN 56761. E-mail: wb0cte@art net

FOR SALE: Industrial plastics, Baird – \$35. Elements of Radio, Marcus – \$25. Compact tube radio – \$15. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. Phone/fax: (440) 331-9206

A.R.C. Advertising Policy

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

FOR SALE: Emerson 856 with orig. box and papers, small crack on side, pictures available on e-mail – \$175 plus. Ray Barnes, 38 Woodmere Rd., Framingham, MA 01701. (508) 877-5232. E-mail: raybar13@juno.com

FOR SALE: Magnavox Illustravox Junior, Model SJOU, Style EA109, 16" transcription record player made by Electro Acoustics Products Co. portable leatherette carry case, 14" x 6 1/4" x 13 1/2" high, self-contained amplifier with 6" spkr, works well – \$95 + UPS. Phil Guinan, 106 Page Rd., Litchfield, NH 03052. (603) 889-6213

FOR SALE: Hopalong Cassidy radio, case black, foil perfect w/horse leg up, works, has back – \$650. Al Kertes, 24552 Dianne Dr., Cleveland, OH 44122. (561) 276-5021

FOR SALE/TRADE: Sprague Tel-Oh-Mike manuals TO-3, TO-4, TO-5, TO-6, TO-6A - \$15 ea. ppd. A.J. Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536

FOR SALE: Sparton Mod 301 a/o w/tubes console, 1929 @ 10+, pick up only - \$700. Radiola Mod 25 a/o cab @ 9 chassis clean, lid needs veneer work - \$100. Gloritone cath. Mod 26P a/o @ 9 - \$190. Portables: Westinghouse Mod H-667P5 champagne/wht 3-tone in orig. shpg. carton @ lot - \$85; Zenith Mod L305 a/o @ 9 - \$65; Admiral Mod 5K34 tan w/maroon handle a/dc - \$55; Zenith Mod Z400V maroon w/wht handle @ 9 (U.S. Marines, Winnie the Whale) on back - \$55; Motorola Mod 6P345 - \$45. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7074. Fax: 0441

FOR SALE: Hundreds of antique, collectible radios, transistors, testers. For list, send three stamp LSASE. Cherry Lane Old Radios, John Enigl Sr., K9HJL, 5425 Tart Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

26th. Anniversary

"Spring Meet in the Carolinas"

Hosted by the Carolinas Chapter of the Antique Wireless Association

Thursday, Friday & Saturday March 21-22-23, 2002 Charlotte, NC

- The Sheraton Charlotte Airport Hotel -

For hotel reservations at the special AWA conference rate, call the Sheraton during regular business hours at 704-392-1200

THURSDAY, March 21st.

12noon- Registration desk opens in hotel lobby

Auction Check-In all afternoon - Program Sessions -

1:00pm-Restoring Vintage Televisions by Tom Houghtaling

2:00pm-Vintage Sound Recording Devices by Dr. Dennis Osborne

2:45pm-My Collection by Lorry Dowell

4:00pm=CC=AWA Annual Membership Meeting

7:30pm-The History of Cone Speakers by Bufird Chidester

8:30pm-Collecting & Restoration Q&A FRIDAY, March 22nd

8om- Fleo Morket area opens for trading, all day

- Conference Schedule -Plsi. FRIDAY, March 22nd. cont.

12noon- Check-in Equipment for Auction & Contest until 1pm

7:30pm- Banquet & Reception View Contest Entries SATURDAY, March 23rd.

Flea Market open all day

9 om - "Rodio Rescue" check -- n

Lost Coll for Contest entries

10:30om- Contest Room closed for Judging

11:00om - "Rodio Rescue" Auction 12:30pm - Annuol, CC-AWA

Members Luncheon

1:30pm- Contest Room open for

viewing of Contest entries 2:30pm- Remove contest entries

* NOTE, the same low registration fees as last year

Conference Fees In Advance At the Door

GENERAL ADMISSION (spouses FREE) \$8 each person \$18 each person

SPECIAL "Saturday ONLY" ADMISSION N/A \$5 each person

VENDOR SPACE RENTAL - (does NOT include admission fee) - \$15 each space \$25 each space

FRIDAY EVENING BANQUET \$25 each person, in advance ONLY

SATURDAY LUNCHEON \$12 each person, in advance ONLY

Pre-Registration MUST be postmarked no later than March 11th.

We must have the name and address of each person attending the conference.

There are a limited number of vendor spaces, PLEASE Pre-Register.

For Conference updates and a printable Pre-Registration form please visit our web page at: www.CC-AWA.ORG

To Pre-register or to request a conference brochure write to:

CC-AWA POBox 3015

Matthews, NC 28106

Ron Lawrence, Conference Chairman

704-289-1166 email: kc4yoy@trellis.net

FOR SALE: Tubes: 1R5, 0D3, 6BE6, 6W6, 7A4, 7N7, 12BA6, 12AT7, 35Z5, others – \$1 ea. James Wright, 4307 Hwy. 166N, Maynard, AR 72444. (870) 647-2913

FOR SALE: Riviera Blaupunkt radio, all original Type 2645, real beautiful – \$325 + S/H. Crosley cat. all original, working – \$250 + S/H. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (941) 482-0198

Classified Ad Deadline Noon
Feb. 10 for Mar. 2002 Issue
Mar. 10 for Apr. 2002 Issue
Boxed, Photo, & Display Ads - 1st

FOR SALE: And wanted: Minifon, FiCord, Trix, Stuzzi mini recorders, call, e-mail for list. Jon Golden, PO Box 715, Carlisle, MA 01741. (978) 371-5557. E-mail: jon@make3dimages.com

FOR SALE: Radiotron Designers Handbook, third edition, 1941, 352 pp. – \$15 plus postage, Ellsworth O. Johnson, 364 S. Coeur Dalene St., Spokane, WA 99204-1063. (509) 838-2161. E-mail: eojohnsonww2@attbi.com

FOR SALE: Good speaker and cloth for Philco 80 cathedral – \$15 plus shipping. Dwight Baker, 2626 N.W. 17th St., Ankeny, IA 50021. E-mail: vtaudio@hotmail.com

FOR SALE: Riders Trouble Shooting Manuals, Vols. 10, 12, 13, & 14 – \$15 ea.; all four – \$50. Premier 570 signal generator – \$30. All + shipping. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244. E-mail: slbon@erols.com

FOR SALE: Icom R-70 and Hammarlund SP-600 – \$300 each plus shipping. Bernie Hassab, 5329 Ruby Pl., Sarasota, FL 34231. (941) 925-3318. E-mail: shortwave6@juno.com

National Vintage
Communications Fair
N.E.C. Birmingham • UK
Sunday 5th May 2002

10th Anniversary Special

10.30am to 4.00pm • £5 admission (early entry c.8.30am @ £15)

1000s of VINTAGE RADIO RECEIVERS
CRYSTAL SETS • AMPLIFIERS
HORN & CABINET LOUDSPEAKERS
RECORD PLAYERS • RECORDS (78S/CDs)
GRAMOPHONES • TUBES • SPARES
EARLY TELEVISIONS • OLD TELEPHONES
plus all MECHANICAL and ELECTRICAL
ANTIQUES & COLLECTABLES

• 300 STALLHOLDERS •

Stall Bookings/Details
N.V.C.F., 13 Belmont Road, Exeter, Devon
EX1 2HF, UK • (01392) 411565

e.mail sun.press@btinternet.com http://www.angelfire.com/tx/sunpress/index.html FOR SALE: Antique Wurlitzer Sideman rhythm attachment, walnut cabinet, weight 45# - \$50. Ed Davis, Box 203, West Baden, IN 47469, (812) 936-9611

FOR SALE: Atwater Kent 447 tombstone cabinet -\$50. ARRL Handbook, 1992, excellent - \$10. Jim Gauldin, 134 Hawthorne Dr., Danville, VA 24541. (434) 791-2286

FOR SALE: N.O.S. 50A1/D5TF30 in stock for your Trans-Oceanics at - \$30 each while supplies last. Our tube inventory just keeps growing and growing contact us with your needs before you buy anywhere else. We are also always buying tubes send us your list we will promptly quote. Radio Daze, LLC, 7 Assembly Dr., Mendon, NY 14506. (585) 624-9755. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com.

FOR SALE: (8) older electronic catalogs, individually or all. E-mail for list. Ron Rocco, 5213 Fair Elms, Western Springs, IL 60558. E-mail: ronrocco@earthlink.net

FOR SALE: Stock Certificates 1933 Baird TV Limited, first TV inventor – \$150. J.J. Papovich, 165 Trellis Ln., Sewell ,NJ 08080. (856) 464-6741. E-mail: iipapo@iuno.com

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WANTED: Chassis for 1932 Airline 62-51. 12-tube superhet. Gordon Ormsby, 1855 N.W. Circle Pl., Corvallis, OR 97330. (503) 753-6398. E-mail: gormsby@triaxiseng.com

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WANTED: Emerson 321-AW (oriental style set) top handle. David D. Kaiser, 375 Yarmouth Rd., Rochester, NY 14610. (716) 654-6604. E-mail: ddk375@frontiernet.net

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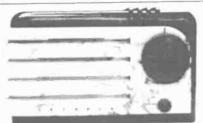
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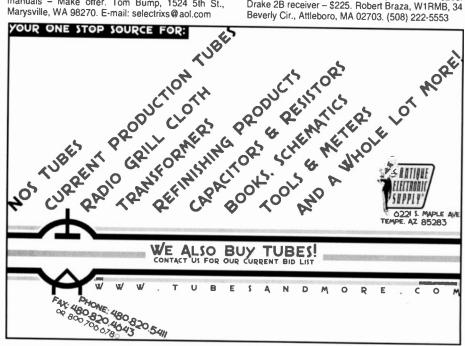
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WANTED: Handle (black) for Zenith Trans-Oceanic L600, or junker for parts. Dick Myhre, 8865 E. Baseline Rd. #1122, Mesa, AZ 85208. (480)-373-9496 E-mail: rjmaz@juno.com

WANTED: Dial glass for General Electric Model 202. Dial glass and mount to cabinet escutcheon for RCA 86K7. Steve Price, PO Box 855, Bowling Green, VA 22427-0855. E-mail: vinyltocdr@aol.com

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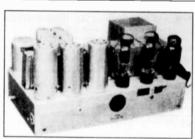
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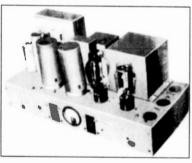
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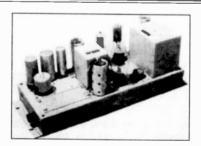
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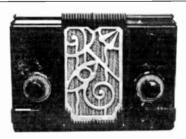
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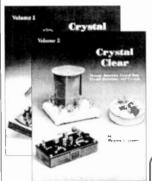
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FOR SALE: Stromberg-Carlson 1941 Model 515-M console, 17 tubes, 3 bands, excellent cabinet. John Hotchkiss, 2950 Elysium Way, Clearwater, FL 33759. (727) 797-1105

FOR SALE: Zenith Trans-Oceanic parts 1946-1958. M.A.R.C. show/swap Feb. 2. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (734) 421-2076. E-mail: billt34@yahoo.com

FOR SALE: Medcolator, one RCA 1619 tube, good shape with attachments – Best Offer. Bill McGroom, 1568 Estate Dr., Memphis, TN 38119. E-mail: radioman88@aol.com

FOR SALE: N.I.B. Telex Model 610 headset with rubber ear cups – \$30 shipped. Leroy Marshall, 1178 Foxboro Ln., Bartlett, IL 60103. (630) 483-8833

WANTED

Amrad 3366 as shown. Also 3500-U and Jewel, and other pre-1926 Amrad sets & parts.

Andrew Mooradian, 5 Priscilla Lane Winchester, Massachusetts 01890

tel. 781-729-1873 after 7 pm

FOR SALE: AK 188 chassis and speaker, untested – \$95 + UPS. Allen Jochem, 2205 Broadway, Quincy, IL 62301. (217) 223-6751. after 8:30 pm CST

FOR SALE/TRADE: Exemplary! Zenith, RCAconsoles. Delivery: Dearborn, February 2; Midland, April 27. WANTED: Unusual Kadettes & Detrolas. Ken Nevins, C.R. Nevins Museum of Radio, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: knevins@tc3net.com

FOR SALE: Tube tester, Model 71, professional, National Radio Institute, excellent cond. – \$75 + S&H. Leroy Neal, 603 Butterworth Ave., Dyersburg, TN 38024. (731) 285-5120, after 8 pm CST

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FOR SALE: N.O.S. CRTs: 16LP4, 19AP4B. Used TV tubes: 5U4GB, 6CG7, 6SN7, 6DQ6, 6SL7, 6W6. Pete Raidt, 45 Maria St., Clinton, Ontario, Canada N0M 1L0. (519) 482-7920

WANTED: Original hinged case or slanted type box for Radiola 1 John O'Briant 3120 Hartford Dr. Bettendorf. IA 52722, (563) 332-7749, F-mail: iloradio@home.com

WANTED: Black rotary dial telephone, mint. Morgan Godwin, 166 W. 87th St., #901, New York, NY 10024-2926

WANTED: Hallicrafters S-38C shortwave receiver with two semi-circular dials from the 50s. Perry Clough, 66 New Meadow Rd., Barrington, RI 02806, (401) 245-7678

WANTED: Chassis or speaker for Philco 42-390 and chassis for German Kleinemofanger, Jon Butz Fiscina. 2418 Briarbrook Ln., Garland, TX 75040, (972) 496-5082

WANTED: Dud tennis ball tubes for display, N.O.S. boxed two digit tubes. Early transistor devices Larry Daniel, 3112 Seton Hill Dr., Bellbrook, OH 45305. (937) 848-8892. E-mail: LDaniel102@aol.com

WANTED: Atwater Kent 44. Mark Murphy, 1135 Gator Trl., West Palm Beach, FL 33409. (561) 687-1417

WANTED: RCA 99K console or good escutcheon. Philco 41-260 escutcheon, radio lightning arrestors. Bob Eslinger, 20 Gary School Rd., Pomfret Center, CT 06259. (860) 928-2628. E-mail: bob@oldradiodoc.com

WANTED: Philco 46-350 chassis with good oscillator coil, Louis Schneider, 602 N. Front St. #1, Townsend. MT 59644. (406) 266-5353. E-mail: Janzpc@aol.com

WANTED: Chassis and/or speaker for 1931 or 1932 General Motors radio, V-shaped knob pattern, approximately 113/4" wide and 7" deep. Dave Gonshor. 7121 S. Jellison St., Littleton, CO 80128, (303) 979-9511, E-mail: pgonshor@aol.com

WANTED: Schematic for British HMV Model 49 radio. Jim Novak, 2335 South 2nd Ave., North Riverside, IL 60546-1308. E-mail: wa9fih@arrl.net

WANTED: McMurdo Silver radios, speakers, letters. brochures, most anything. Help preserve McMurdo Silver, Don Hauff, PO Box 16351, Minneapolis, MN 55416 1-888-OLD-RADIO. E-mail: DHauff@McMurdoSilver.com

WANTED: Philips BD 293U, BD 294U, Robert Swart. 2995 Via Bahia, Alameda, CA 94502 (501) 523-4842



WANTED: Emerson Catalin radios. Would you believe that my mother's last request is that I gather every known example of this radio ever made. I guess she wanted me to suffer a long time. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Old style sockets for UV-199, UV-201, WD-11 tubes and 215Å. See www.fathauer.com. George H. Fathauer & Assoc., 688 West First St., Ste. 4, Tempe. AZ 85281, (480) 968-7686, E-mail: tubes@gwest.net

WANTED: Outside hom crank up phonographs & parts. horns, boxes, reproducers, etc. Thanks, J.L. Acciavatti, PO Box 806, Upton, MA 01568. (508) 476-3229. E-mail: iahan@empire.net

WANTED: For Admiral 6C71-10A1, dial glass parts chassis AK 33 or 49. Gordon Emry, N. 38115 Sheets Rd., Elk, WA 99009. (509) 292-2182



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(Feb-02)

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FOR SALE: Amplion AR-39 horn, works – \$675. Silvertone Deco tombstone w/chrome inlay, refinished, works – \$325. Steve Wallace, 3707 Pricetown Rd., Fleetwood, PA 19522. (610) 944-7230. E-mail: kkks@epix.net

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FOR SALE: Century tube test fc-2 – \$5. Mercury m 4000 fet vtm – \$5. RCA voltohmyst – \$5. HK tuner gold metal cabinet old min tubes – \$5 above not working. Manuals/Army Gavin ANV/RC-2&2X TX- RX – \$5. Raytheon 250 watt FM TX MO RF-250 – \$5. MO RAL-6 RX 0.3 TO 23 MHz – \$5. Mercury 4way probe MO MP-1 – \$5. Regency TV booster MO DB-410 – \$10. 2-ohmite brown Bakelite resistor cab exclt cond – \$30 both. 2 Heathkit catalogs supplement 64 pgs 1970 – \$4 ea. Heathkit DX100 untested but complete no ship can bring to Richmond Frostfest in Feb. – \$95 OBO. Randy Cunningham, K4RHH, 411 Woodhaven Dr., Lynchburg, VA 24502. (434) 239-6127. E-mail: rwc-radiocollector@worldnet.att.net

FOR SALE: Little Electronic Bakelite radio (Bunis 1, p. 232), Arkay Bakelite (Bunis 1, p. 226), some kit-type 1920s battery sets, three dial, misc. transformers, caps, coils, knobs, parts, Heath, Triad, Kellog, Crosley, nice empty case and front panels, chassis, phones, etc., send needs. Many other parts AC and battery & tubes, send needs. Steinte panel meter (from Model 991, others), Jewel meter (orig. box), RCA T-63 (working, good shape), see my January ad, some items remain. Send all want lists. WANTED: Philco cabinets for Models: 118, 620 & 650 or 651 or similar t'stones, Grunow 640 chassis, Philco 640 chasisis. Regal or Franklin little cathedral chassis, Grundig 4040W or similar (original only). Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-mail: radiowilbur@aol.com

WANTED: Panel and dial for AK breadboard coupled circuit tuner part #3752. Mark S. Cowart, N4FBL, PO Box 550766, Jacksonville, FL 32255-0766. (904) 641-2795

WANTED: Horizontal output transformer Philco part #32-9619 for Philco 7" Model 50T701 & 02. Zenith Model 5J-217 in good shape that can be restored. Ray Sanders. 342 S. Third. Cottage Grove. OR 97424



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WANTED: Stromberg-Carlson 600 series AC chassis (restorable), Crosley loading coil for R3R chassis. James Hillins, 2301 N.W. 86th Ln. East Unit, Coral Springs, FL 33065. (954) 346-6768. E-mail: jhilins@bellsouth.net

WANTED: Westinghouse and Crosley radios and TVs, 1939 or 1940. Also GE, Dumont and RCA TVs, 1939 or 1940. Larry Fernandez, 804 W. Idlewild Ave., Tampa, FL 33604-6538

WANTED: E.M. Sargent radios, specifications or reference material, your price. Contact: John Strother, 159 High Rd., Newbury, MA 01951. (978) 465-3107. Email: marthajohn@earthlink.net

WANTED: Philco 36-610T Bullet, also see http://pages.cthome.net/ptf/wanted.html. Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old_radios@yahoo.com

WANTED: Collector looking for large collections of ham, shortwave radios, also tube hi-fi gear, parts. NY tristate area. Juan Remus, 2 Springbriar Ln., Kings Park, NY 11754. (631) 544-6004

WANTED: RCA Victor Service Data (Red Book) Volume III, 1943-1946. Mark Hewitt, 6659 Tipperary Trl., Roscoe, IL 61073. (815) 623-8729

WANTED: Old military radar displays, scopes, antennas, receivers, manuals, etc. Even half ton items' William Donzelli, 15 MacArthur Dr., Carmel, NY 10512. (847) 225-2547. E-mail: aw288@osfn.org

WANTED: Tubes. I will pay the following prices for these tubes. RCA, Tung-Sol 12AX7A \$15. Tung-Sol 5881-6L6WGB \$25. RCA, Tung-Sol, GE 6L6GC \$20. British 5AR4 \$35. RCA, GE, EL-84/6BQ5 \$10. EL-34/6CA7 \$27. RCA, Tung-Sol, 6V6GT/A \$10. RCA, Sylvania, GE 5751 \$5. Tubes must be new in original boxes, and must pass testing and inspection. Steve Harrell, 817 Manteo St. #1, Norfolk, VA 23507. (757) 636-1996

WANTED: Deco styled wood table radios with rough cabinets. Ed Kulavick, 2235 Carabel Ave., Lakewood, OH 44107. (216) 228-2947. E-mail: stokula@aol.com

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

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WANTED: \$1,000 paid for certain 78 rpm records. For our illustrated want list, send \$2 + LSASE to: Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389

WANTED: Motor for Zenith 9H089 phono/radio. John Theisen, 917 Broadway, Valley Springs, SD 57068. (605) 757-6775

WANTED: Collections and accumulations of tube radios, transistor radios, tube hi-fi, communication equipment, microphones, old tubes, etc. in Northeast. Will travel to pick up. Also looking for all Addison 5 or Addison 2 radios, and a Sparton Bluebird. Quick fair prices paid. Save this ad for when you decide it's time to sell. Bruce Phillips, 127 Bunker Hill Ave., Stratham, NH 03885. (603) 772-7516. E-mail: radioorphanage@mediaone.net

SOUTHEASTERN ANTIQUE RADIO SOCIETY THIRD ANNUAL

WINTER INDOOR MEGA MEET

8 AM to 12:30 PM

February 16th, 2002

Saturday Winder, GA

Held at C-Tech Systems, 575 B Smith Road, Winder, GA 30680. Bob Niven (770) 586-5816. E-mail: bobwiz@aol.com. See MAP at ctechsys.com or Gordon Hunter (770) 475-0713. Seller registration is \$15.00 and includes one table and chair. Additional tables are \$7.50 each. Registration for those with their own tables is \$10.00 for the first table and \$5.00 for additional ones.

NOTICE: SELLERS SET UP AT 7:00 AM

NO EARLY SALES!

Buyers ADMITTED at 8:00 AM

Pre-registration highly recommended!

FOR SALE: Must sell all antique radio test equipment, tubes, parts, old radios, pick up only. Chuck Humphreys, 167 Lynn Dr., Box 598, New Haven, WV 25265. (304) 882-2220

FOR SALE: Books: Most Often Needed Radio Diagrams 1926-1938 – \$15; Collector's Guide to Antique Radios, Fourth Edition, Bunis – \$15. Original Kolster Radio Service Manual, 181 pp. – \$45. Original Steinite Radio Service Manual, 68 pp. – \$45. Andrew Toross, 425 Old Country Rd., Orange, CT 06477, (203) 795-4523

FOR SALE: Brandes earphones, external terminals – \$25. 7-range Micronta voltmeter-ammeter with clamp jaws, never used – \$25. Surplus: eyepiece, 4-6 elements. Kodak aero-Ektar 24 * f:6.3, both – \$40. Lafayette Space Scanner 3-tube – \$30. WANTED: Doerle type regen. rcvr. Plus shipping. C. Davis, 201 E. West St., Georgetown, IL 61846

FOR SALE: Zenith Trans-Oceanic A600L, complete, excellent condition (needs 50A1 tube), genuine leather case – \$195 + UPS. Charles Zafonte, N1FRX, 364 Charette Hill Rd., Fort Kent, ME 04743. (207) 834-6273, eves.

FOR SALE: Test equipment, tubes, antique resistors, 60s transistors, misc. pre 50s radio parts. Richard Bisoski, 2880 South Channel, Harsens Island, MI 48028. (810) 748-9421. E-mail: richb@i-is.net

FOR SALE: Manual copies 51S-1, 51J-4, R-4C, SPR-4, R-390A – \$15 ea. Original TS-120S, S-38C. Levy, 8 Waterloo, Morris Plains, NJ 07950. (973) 285-5321

FOR SALE: Telechron green Catalin clock – \$70. Sonora 315 brown Bakelite, flocked grille – \$50. Jacob, 2276 Holloway Ave., Maplewood, MN 55109. (651) 777-6791

FOR SALE: Small wood cabinet Zenith table radio, original knobs and back – \$30 shipped lower 48. Uniter jukebox from early 60s Model UPB-100, excellent original, visible record changer – \$1,200 pick up only. William L. Dean, 2744 Bonner Gilbert Rd., PO Box 815, Lizella, GA 31052. (478) 935-8594

FOR SALE: (50) issues of Popular Radio, 1922 to 1928, good but 4 backs missing – \$375 & S/H. Charles Kirsten, Radio Relics, 15556 Sandra Ln., Sylmar, CA 91342. (818) 364-0491

FOR SALE: RCA Victor RE-75 electric phonograph and radio – Best Offer. Richard A. Klimek, 308 Walnut St., Philadelphia, PA 19106. (215) 922-1700

FOR SALE: Sams PF in school edition binders Vol. 69-114 covers 681-1140 – \$10/vol. + shipping. Harry Pewowaruk, 1535 N. 8th Ave., St. Cloud, MN 56303. Email: HPewowaruk@aol.com

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FOR SALE: Federal Model 61 radio tuning knob (#7 dial) - \$9.99 + \$2.50 shipping. Web site: www.interestingoldjunk.com.JamesJ. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160. E-mail: w2ioj@interestingoldjunk.com

FOR SALE: Antique electric light bulbs, have over 50. Some over 100 years old with Thomson-Houston bases. Will sell individually for best offer. SASE for illustrated list. Herman Fothe, 5292 Tiffany Ann, West Palm Beach, FL 33417

FOR SALE: Zenith Trans-Oceanic Royal D7000Y mint condition complete with owner's manual, log & chart manual, original earphone unused, if you want a new 7000 this is it – \$850. Ted Demski, 5806 225 Pl. SW, Mountlake Terrace, WA 98043. Ph./fax: (425) 778-7100

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WANTED: AK Model 40, restorable, complete. A.M. Eisenstein, 10815 Falstaff Rd., Sebastopol, CA 95472. (707) 829-7559

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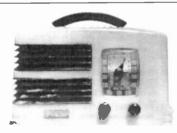
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ABBREVIATIONS USED IN CLASSIFIED ADS

MISCELLANEOUS

amp = amplifier BC = broadcast

BO = best offer

ca. = circa (approx. date)

ea. = each

F.O.B. = free on board

IB = instruction book

LSASE = A Long SASE

(see SASE)

LW = long wave

M.I.B. = mint in box

MO = money order

Mod = model

N.I.B. = new in original

box

N.O.S. = new old stock

(an original, unused vintage item)

NT = no tubes

OB = in original box

OBO = or best offer

P&H = postage & handling

ppd = postage paid

(shipping included)

PS = power supply, also "pwr sup"

PU = pick up only

rcvr = receiver

SASE = self-addressed

stamped envelope (send a long, #10,

envelope)

spkr = speaker

SW = shortwave UPS = United Parcel

Service vol. = volume

w/ = with

w/o = without

WT = with tubes xcvr = transceiver

xfmr = transformer xmtr = transmitter

xstr = transistor

xtal = crvstal

BOOKS USED AS REFERENCES (V.R., p 30) means Vintage Radio, page 30

Blast = Radio - A Blast From The Past

Bunis 1, 2, 3 or 4 = Collector's Guide to Antique Radios, 1st, 2nd, 3rd or 4th editions Collins = Radios - The Golden Age

Douglas V1, V2 or V3 = Radio Manufacturers of

the 1920s, Volumes 1, 2 or 3 E.O.R. 1 or 2 = Evolution of the Radio, Volumes 1 or 2

F.O.S. = Flick of the Switch

Grinder/Fathauer = Radio Collector's Directory and Price Guide

G.O.R. = Guide to Old Radios

Johnson's A.R. = Antique Radios - Restoration & Price Guide

M.A.J.A. = Machine Age to Jet Age

O.T.B. = Old Timer's Bulletin published by Antique Wireless Association (AWA) Sideli = Classic Plastic Radios

V.R. = Vintage Radio

CONDITION

(If good or better, mention non-original parts) p = poorf = fair vg = very good

g = good

exc = excellent

A.R.C. does not encourage abbreviations except those listed here. Please spell out all other words. Special note for hams - most subscribers are not hams so we do not recommend ham-type abbreviations.



TEXAS - Feb. 1-3

HOUSTON VINTAGE RADIO ASSN. HVRA/AWA ANNUAL CONVENTION

Houston, TX – Hobby Hilton Hctel 8181 Airport Blvd. – (713) 645-3000 Info: Bill Werzner – (713) 721-2242

mingqi53@earthlink.net - www.clarc.org/HVRA

CALIFORNIA - Feb. 2

CALIFORNIA HISTORICAL RADIO SOCIETY SWAP MEET - 8 am

Oakland, CA - Foothill Square Shopping Center Info: CHRS Hotline - (415) 821-9800 www.californiahistoricalradio.com

CONNECTICUT - Feb. 2

VINTAGE RADIO & COMMUNICATIONS MUSEUM - SWAP MEET - 8 am

Windsor, CT - VRCM, 33 Mechanic St.

Info: John Ellsworth, 33 Mechanic St., Windsor, CT 06095 – (860) 673-0185 – radiocletr@aol.com www.nationalcommunicationsmuseum.org

MICHIGAN - Feb. 2

MICHIGAN ANTIQUE RADIO CLUB WINTER SWAP MEET

Dearborn, MI – Armenian Community Center 19319 Ford Rd.

9 am-2 pm

Info: Don Colbert – (313) 274-1948 donsradio@aol.com – www.antiqueradios.com/marc

WASHINGTON - Feb. 2

RADIO ENTHUSIASTS OF PUGET SOUND MEETING - 2 pm

Seattle, WA – Queen Anne Library 400 W. Garfield

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

MINNESOTA - Feb. 3

NORTHLAND ANTIQUE RADIO CLUB WINTER WORKSHOP & SWAP MEET

St. Louis Park, MN – Pavek Museum of Broadcasting – 3515 Raleigh Ave.

Contact for Time

Info: Steve Raymer – (952) 926-8198 www.geocities.com/TelevisionCity/4544/

NEW YORK - Feb. 3

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION - SWAP MEET

Lake Ronkonkoma, NY – 367 Hawkins Ave. 8 am-Noon

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

OHIO - Feb. 5

ANTIQUE RADIO COLLECTORS OF OHIO MEETING - 7 pm

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

ONTARIO - Feb. 6

OTTAWA VINTAGE RADIO CLUB FLEA MARKET - MEETING

Ottawa, Ont. - The Ottawa Citizen Conference Room, 1101 Baxter Rd.

7 pm: Flea Market - 8 pm: Meeting Info: OVRC - (613) 832-3097 - www.ovrc.org

ARKANSAS - Feb. 7

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH - MEETING

Fort Smith, AR – St. Luke Lutheran Church Waldron Road, at Free Ferry 7:30 pm

Info: Paul Tucker - (501) 782-8178

NEW JERSEY - Feb. 8

NEW JERSEY ANTIQUE RADIO CLUB MEETING - 7:30 pm

Freehold, NJ - Grace Lutheran Church West Main St. & Park Ave. (Old Rt. 33) Info: Marv Beeferman - (609) 693-9430 Phil Vourtsis - (732) 446-2427 - www.njarc.org

OKLAHOMA - Feb. 9

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - Hometown Buffet, 1012 S.W. 74th

6 pm: Dinner - 7 pm: Meeting

Info: Jim Collings - (405) 755-4139 - jrcradio@home.com Frank Karner - (405) 769-4656 - fkarner@mmcable.com http://members.home.net/okvrc/

OREGON - Feb. 9

NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

Oregon City, OR – Abernethy Grange Hall 15745 S. Harley Ave.

8:30 am: Swap - 10 am: Meeting Info: Ed Charman - (503) 654-7387 - http://nwvrs.org

ILLINOIS - Feb. 10

ANTIQUE RADIO CLUB OF ILLINOIS MEETING

Elgin, IL – Ramada Inn Ballroom 345 River Road

Contact for Time

Info: Art Bilski – (630) 739-1060 – arci31280@aol.com http://members.aol.com/arci31280/arci.htm

NEW MEXICO - Feb. 10

NEW MEXICO RADIO COLLECTORS CLUB
MEET

Albuquerque, NM – Anna Kaseman Hospital 8300 Constitution Ave. (W. of Wyoming) 1:30 pm; Tailgate Swap Meet

2 pm: Program, Show & Tell and Auction Info: Chuck Burch – (505) 286-9674

ChuckBurch@aol.com - http://members.aol.com/NMRCC

GEORGIA - Feb. 11

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL - 6:30 pm

Norcross, GA – Picadilly Cafeteria 3400 Holcomb Bridge Road Info: Gordon Hunter – (770) 475-0713

MISSOURI - Feb. 12

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

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

7:30 pm: Meeting, Show & Tell, Swap Table Info: Joe Tauser – (636) 677-4973 – joetauser@cs.com

N. CAROLINA - Feb. 12

EAST CAROLINA ANTIQUE RADIO CLUB MEETING - 7 pm

Greenville, NC - Sheppard Memorial Library Meeting Room A, 530 Evans St. Info: Bill Engstrom - (252) 355-8732

Herman Schnur – (252) 355-8732 Herman Schnur – (252) 752-2264

Always Updating Club List

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

OHIO - Feb. 12

SOC. FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE - MEETING - 7:30 pm Kettering, OH - Party Room at Cassano's

Pizza, 1700 E. Stroop Rd.
Info: John Pansing – (937) 299-0210
sparkinc@juno.com – www.antiqueradios.com/spark

PENNSYLVANIA - Feb. 12

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

Telford, PA - Telford Community Bldg. Hamilton & Hamlin

7:30 pm

Info: Bill Overbeck, PO Box 847, Havertown, PA 19083 http://pw2.netcom.com/~firstake/dvhrc.htm

VIRGINIA - Feb. 13

TIDEWATER ANTIQUE RADIO ASSOC.

MEETING - 7 pm

Norfolk, VA - Dale's Train Station 5880 Poplar Hall Drive

Info: Vic Johnston - (757) 825-0757, eves. Scott Balderston - (757) 549-0449, eves.

ARKANSAS - Feb. 14

ARKANSAS ANTIQUE RADIO CLUB MEETING - 7 pm

Call for Location and Directions Info: Tom Burgess – (501) 455-0773

NEVADA - Feb. 14

NEVADAN ENTHUSIASTS FOR ANTIQUE RADIOS - MEETING

Las Vegas, NV – Henderson Police Substation, 300 Green Valley Pkwy. 7 pm

Info: Cort & Eileen Ancman – (702) 312-7110 ancman@juno.com – http://u2.lvcm.com/radio/near/

NEW YORK - Feb. 15

HUDSON VALLEY ANTIQUE RADIO AND PHONO. SOCIETY - MEETING

Highland Falls, NY – Art Kinglsey Residence 7-9 pm (Call to confirm details)

Info: Peter DeAngelo – (914) 496-5130 http://members.aol.com/JBishop701/Harps.html

CALIFORNIA - Feb. 16

SO. CAL. ANTIQUE RADIO SOC. ANNUAL AUCTION - 10 am

Van Nuys, CA – St. Andrews Lutheran Church 15520 Sherman Way

Info: Marv Glassman - (818) 993-4560

MARK YOUR CALENDAR

Feb. 1-3 - TX, Houston - HVRA/AWA Annual Convention

Feb. 2 - CA, Oakland - CHRS Swap Meet

Feb. 2 - CT. Windsor - VRCM Swap Meet

Feb. 2 - MI, Dearborn - MARC Winter Swap Meet

Feb. 2 - WA. Seattle - REPS Meeting

Feb. 3 - MN. St. Louis Park - NARC Swap Meet

Feb. 3 - NY, Lake Bonkonkoma - GNYVWA Swan

Feb. 5 - OH, Dayton - ARCO Meeting

Feb. 6 - Ottawa, Ontario - OVRC Flea Market/Mtg.

Feb. 7 - AR. Fort Smith - ARCCFS Meeting

Feb. 8 - NJ. Freehold - NJARC Meeting

Feb. 9 - OK, Oklahoma City - OKVRC Meeting

Feb. 9 - OR, Oregon City - NWVRS Meeting & Swap Feb. 10 - IL. Elgin - ARCI Meeting

Feb. 10 - NM, Albuquerque - NMRCC Meet

Feb. 11 - GA. Norcross - SARS Meeting

Feb. 12 - MO, Kirkwood - ARCH Meeting

Feb. 12 - NC, Greenville - ECARC Meeting

Feb. 12 - OH, Kettering - SPARK Meeting

Feb. 12 - PA. Telford - DVHRC Meet & Auction

Feb. 13 - VA. Norfolk- TARA Meeting

Feb. 14 - AR. Little Rock - AARC Meeting

Feb. 14 - NV. Las Vegas - NEAR Meeting

Feb. 15 - NY, Goshen - HARPS Meeting

Feb. 16 - CA, Van Nuvs - SCARS Annual Auction

Feb. 16 - GA, Winder - SARS Winter Mega Meet Feb. 16 - IN. Indianapolis - IHRS Winter Meet

Feb. 17 - MA. Westford - GBARC Radio XXXIII

Feb. 17 - MD. Davidsonville - MAARC Meeting, Swar, Auction

Feb. 17 - TN. Memphis - MARC Meeting

Feb. 17 - TX. Schertz - TARC Meeting

Feb. 17 - WA. Seattle - PSARA Meeting

Feb. 18 - FL. Jacksonville - JARS Meeting

Feb. 19 - CA. Sacramento - CHRS-Sac. Meeting

Feb. 20 - OH. Columbus - COARA Meeting

Feb. 20 - OH, TBD - CARS Meeting

Feb. 21 - OK, Tulsa - OKVRC-GCC Meeting

Feb. 23 - MO, Kansas City - MAARC Swapmeet

Feb. 24 - NY, Schenectady - SARC Meeting

Feb. 25 - AL, Birmingham - AHRS Meeting

Feb. 26 - OH, Kettering - SPARK Meeting

Mar. 2 - CA, Citrus Hts. - CHRS Swap Meet Mar. 2 - FL. Sarasota - Florida Chapter/AWA Swap Meet

Mar. 2 - WA. Seattle - REPS Meeting

Mar. 3 - NY, Lake Ronkonkoma - GNYVWA Swap

Mar. 3 - OH, Brunswick - BARPC Spring Auction

Mar. 5 - OH, Dayton - ARCO Meeting

Mar. 5 - Ontario, London - LVRC Meeting

Mar. 6 - Ottawa, Ontario - OVRC Flea Market/Mtg.

Mar. 7 - AR, Fort Smith - ARCCFS Meeting

Mar. 8 - NJ, Freehold - NJARC Meeting

Mar. 9 - OK, Oklahoma City - OKVRC Meeting

Mar. 9 - OR, Oregon City - NWVRS Meeting & Swap

Mar. 9 - TX, Houston - HVRA Meeting & Auction

Mar. 10 - CO. Denver - CRC Meeting

Mar. 10 - NM, Albuquerque - NMRCC Meet

Mar. 11 - GA, Norcross - SARS Meeting

Mar. 12 - MO, Kirkwood - ARCH Meeting

Mar. 12 - NC, Greenville - ECARC Meeting

Mar. 13 - VA, Norfolk- TARA Meeting

Mar. 14 - AR, Little Rock - AARC Meeting

Mar. 16 - TX, Kyle - TARC Meeting

Mar. 16 - WV, Huntington - MRAT Show & Auction Mar. 21-23 - NC, Charlotte - CC-AWA Spring Meet

Mar. 24 - British Columbia, Richmond - CVRS Mtg.

MARK YOUR CALENDAR

(Continued from bottom left column)

Mar. 24 - WI, Hubertus - WARC Swap Meet

Apr. 9 - PA. Telford - DVHRC Meet & Auction Apr. 27 - NH. Nashua - NEARC Swan Meet

May 5 - England, Birmingham - NVCF

May 10-11 - IN. Greenfield - IHRS Spring Meet

May 11 - NC, TBD - CC-AWA Spring Swap Meet

May 16-18 - MD. Beltsville - MAARC RadioActivity May 17-19 - CH. Dayton - Hamvention

Jul. 11-13 - Ml. Lansing - MARC Extravaganza

Jul. 27 - NC. Raleigh - CC-AWA Summer Swap Meet Jul. 27 - NH. Nashua - NEARC Swap Meet

Sep. 15 - England, Birmingham - NVCF

Oct. 12 - NH. Nashua - NEARC Swap Meet

Oct. 26 - NC. Jamestown/Greensboro - CC-AWA Fall Swap

See expanded listing for many of these events

GEORGIA - Feb. 16

SOUTHEASTERN ANTIQUE RADIO SOCIETY 3RD ANNUAL WINTER INDOOR MEGA MEET

Winder, GA - C-Tech Systems, 575 B Smith Rd. 8 am-12:30 pm

Bob Niven - (770) 586-5816 - bobwiz@aol.com Gorcon Hunter - (770) 475-0713

INDIANA - Feb. 16

INDIANA HISTORICAL RADIC SOCIETY WINTER MEET - 7:30 am

Indianapolis, IN - Holiday Inn South East 5120 Victory Lane

Info: Fred Prohl - (812) 988-1761 Dr. Ed Taylor - (317) 638-1641 http://home.att.net/~indianahistoricalradio/

MASSACHUSETTS - Feb. 17

GREATER BOSTON ANTIQUE RADIO COLLECTORS - RADIO XXXIII

Westford, MA - Westford Regency Inn I-495, Exit 32, West on Rt. 110 for .4 mi. (800) 543-7801 - Mention Radio XXXIII

8 am - 1 pm

Info: A.R.C. - (866) 371-0512 - arc@antiqueradio.com www.antiqueradio.com/RadioXXXIII.html

MARYLAND - Feb. 17

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

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

2 pm

Info: Ed Lyon - (301) 293-1773 - www.maarc.org

Submission Deadline for Mar. issue is Feb. 5 Apr. issue is Mar. 5

TENNESSEE - Feb. 17

MEMPHIS ANTIQUE RADIO CLUB MEETING - 2 pm

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

Info: Ray Eaton - (901) 989-7089 - reaton@fhu.edu http://members.tripod.com/marcradioclub/MARCHome.htm

TEXAS - Feb. 17

TEXAS ANTIQUE RADIO CLUB MEETING - 2 pm

Schertz, TX - VFW Hall

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

WASHINGTON - Feb. 17

PUGET SOUND ANTIQUE RADIO ASSN. - MEETING

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

10 am-Noon: Tailgate Swap Meet Noon: Meeting, Program, Show & Tell Info: Pete Petersen - (425) 747-1323

(360) 568-2698- www.eskimo.com/~hhagen/psara

FLORIDA - Feb. 18

JACKSONVILLE ANTIQUE RADIO SOCIETY MEETING - 7:30 pm

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

Info: Sean Olin - (904) 386-8332 - radiofan@bellsouth.net http://community-2.webtv.net/jarsclub/JACKSONVILLEANTIQUE

CALIFORNIA - Feb. 19

CALIF. HISTORICAL RADIO SOCIETY SACRAMENTO CHAPTER - MEETING

Sacramento, CA - Commerce Community Bank Bldg., Room 100, 1500 River Park Dr.

7 pm Info: CHRS Hotline - (415) 821-9800

www.californiahistoricalradio.com

OHIO - Feb. 20

CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING - 7:30 pm

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

Info: Barry Gould - (614) 777-8534 Chuck Davis - (614) 792-6237

http://members.tripod.com/~COARA/index.htm

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

OHIO - Feb. 20

CINCINNATI ANTIQUE RADIO SOCIETY MEETING - 7:30 pm

Call for Location

Info: Kirk Webb - (513) 231-4557

OKLAHOMA - Feb. 21

OKVRC GREEN COUNTRY CHAPTER MEETING - 7 pm

Tulsa, OK - Nathan Hale Library 6028 E. 23rd Street

Info: Curt Lutz - (918) 251-4315 - antigradio@aol.com http://members.home.net/okvrc/

MISSOURI - Feb. 23

MID-AMERICA ANTIQUE RADIO CLUB SWAP MEET - 8 am-2 pm

Kansas City, MO - Hickman Mills Church 5809 Red Bridge Rd.

Info: Bob Lutz - (913) 894-1327 www.geocities.com/maarc1974/index.html

NEW YORK - Feb. 24

SCHENECTADY ANTIQUE RADIO CLUB MEETING - 1:30 pm

Schenectady, NY - Schenectady Museum & Planetarium, Knott Terrace

Info: David Ellers - (518) 237-2665 dadellers@yahoo.com - http://dadellers.tripod.com/sarc

ALABAMA - Feb. 25

ALABAMA HISTORICAL RADIO SOCIETY MEETING - 7 pm

Birmingham, AL - Homewood Public Library 1721 Oxmoor Road

Info: Ron Westbrook - (205) 833-8035 - www.ahrs.org

OHIO - Feb. 26

SOC. FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE - MEETING - 7:30 pm

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

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

CALIFORNIA - Mar. 2

CALIFORNIA HISTORICAL RADIO SOCIETY SWAP MEET - 9 am

Citrus Hts., CA - Sylvan Oaks Library Auburn & Van Maren

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

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

Admission is charged at some events.

FLORIDA - Mar. 2

FLORIDA CHAPTER/AWA SWAP MEET

Sarasota, FL – Sarasota Lions Club 120 S. Tuttle Ave.

7-11 am

Info: Jack Warren – (941) 349-4875 Chip Taylor – chip100@gte.net

WASHINGTON - Mar. 2

RADIO ENTHUSIASTS OF PUGET SOUND MEETING - 2 pm

Seattle, WA - Queen Anne Library, 400 W. Garfield Info: REPS - (206) 488-9518 - www.repsonline.org

NEW YORK - Mar. 3

GREATER NEW YORK VINTAGE WIRELESS ASSOC. - SWAP MEET

Lake Ronkonkoma, NY – 367 Hawkins Ave. 8 am-Noon

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

OHIO - Mar. 3

BUCKEYE ANTIQUE RADIO & PHONO. CLUB - SPRING AUCTION

Brunswick, OH – Brunswick Public Library 3649 Center Road (Rte. 303) 1-4:30 pm

Info: Kevin Grimm - (330) 928-8341

OHIO - Mar. 5

ANTIQUE RADIO COLLECTORS OF OHIO MEETING - 7 pm

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

ONTARIO - Mar. 5

LONDON VINTAGE RADIO CLUB MEETING - 12:30 pm

London, Ont. – 427 Wing, 2155 Crumlin Rd. Info: Dave Cantelon – justradios@yahoo.com (416) 502-9128 – www.lvrc.homestead.com/index.html

ONTARIO - Mar. 6

OTTAWA VINTAGE RADIO CLUB FLEA MARKET - MEETING

Ottawa, Ont. - The Ottawa Citizen Conference Room, 1101 Baxter Rd.

7 pm: Flea Market – 8 pm: Meeting Info: OVRC – (613) 832-3097 – www.ovrc.org

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

ARKANSAS - Mar. 7

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH - MEETING - 7:30 pm

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

Info: Paul Tucker - (501) 782-8178

NEW JERSEY - Mar. 8

NEW JERSEY ANTIQUE RADIO CLUB MEETING - 7 pm

Freehold, NJ - Grace Lutheran Church West Main St. & Park Ave. (Old Rt. 33)

Info: Mary Beeferman – (609) 693-9430 Phil Vourtsis – (732) 446-2427 – www.njarc.org

OKLAHOMA - Mar. 9

OKLA. VINTAGE RADIO COLLECTORS
MEETING

Oklahoma City, OK - Hometown Buffet, 1012 S.W. 74th

6 pm: Dinner - 7 pm: Meeting

Info: Jim Collings - (405) 755-4139 - jrcradio@home.com Frank Karner - (405) 769-4656 - fkarner@mmcable.com http://members.home.net/okyrc/

OREGON - Mar. 9

NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

Oregon City, OR – Abernethy Grange Hall 15745 S. Harley Ave.

8:30 am: Swap - 10 am: Meeting
Info: Ed Charman - (503) 654-7387 - http://nwvrs.org

TEXAS - Mar. 9

HOUSTON VINTAGE RADIO ASSN. MEETING & AUCTION - 1 pm

Houston, TX – American Legion Hall, 4720 Alba Info: Bill Werzner – (713) 721-2242 mingqi53@earthlink.net – www.clarc.org/HVRA

COLORADO - Mar. 10

COLORADO RADIO COLLECTORS MEETING - 1 pm

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

Info: Larry Weide - (303) 758-8382

NEW MEXICO - Mar. 10

NEW MEXICO RADIO COLLECTORS CLUB
MEET

Albuquerque, NM – Anna Kaseman Hospital 8300 Constitution Ave. (W. of Wyoming)

1:30 pm: Tailgate Swap Meet

2 pm: Program, Show & Tell and Auction Info: Chuck Burch – (505) 285-9674

ChuckBurch@aol.com - http://members.aol.com/NMRCC

GEORGIA - Mar. 11

SOUTHEASTERN ANTIQUE RADIO SOC.
MEETING WITH SHOW & TELL

Norcross, GA – Picadilly Cafeteria 3400 Holcomb Bridge Road 6:30 pm

Info: Gordon Hunter - (770) 475-0713

MISSOURI - Mar. 12

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

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

7:30 pm: Meeting, Show & Tell, Swap Table Info: Joe Tauser - (636) 677-4973 - joetauser@cs.com

N. CAROLINA - Mar. 12

EAST CAROLINA ANTIQUE RADIO CLUB MEETING - 7 pm

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

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

VIRGINIA - Mar. 13

TIDEWATER ANTIQUE RADIO ASSOC.

MEETING - 7 pm

Norfolk, VA – Dale's Train Station 5880 Poplar Hall Drive

Info: Vic Johnston – (757) 825-0757, eves. Scott Balderston – (757) 549-0449, eves.

ARKANSAS - Mar. 14

ARKANSAS ANTIQUE RADIO CLUB MEETING - 7 pm

Call for Location and Directions Info: Tom Burgess – (501) 455-0773

Publicize Your Event

Submit your listing to A.R.C. arc@antiqueradio.com or fax: (978) 371-7129 Or mail to: PO Box 2, Carlisle, MA 01741

TEXAS - Mar. 16

TEXAS ANTIQUE RADIO CLUB

Kyle, TX - Railroad BBQ

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

W. VIRGINIA - Mar. 16

MUSEUM OF RADIO & TECHNOLOGY SHOW & AUCTION

SHOW & AUCTION

Huntington, WV – 1640 Florence Ave.

Contact for Time

Info: (304) 525-8890 - Lmcin79627@aol.com http://oak.cats.ohioedu/~postr/MRT

N. CAROLINA - Mar. 21-23

CAROLINAS CHAPTER-AWA
26TH ANNIV. SPRING MEET IN THE CAROLINAS

Charlotte, NC - Sheraton Charlotte Airport Hotel - (704) 392-1200

Info: Ron Lawrence – (704) 289-1166 kc4yoy@trellis.net – www.cc-awa.org

BRITISH COLUMBIA - Mar. 24

CANADIAN VINTAGE RADIO SOCIETY BC CHAPTER - MEETING

> Richmond, BC – Steveston Hotel Time: TBA

Info: Fred Tutt – (604) 275-2033 www.canadianvintageradio.com

WISCONSIN - Mar. 24

WISONCONSIN ANTIQUE RADIO CLUB SWAP MEET - 8-11 am

Hubertus, WI – Richfield Chalet 1271 Hwv. 175

Info: Bill Engaas - (414) 328-0223 - engaas@milwpc.com

A free listing on these pages is available for each coming antique radio event. Sponsors should provide description of event, date, time, place, directions, & information/contact person. Since listings are on a "space available" basis, no guarantee of listing is made.

BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

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Repair & Restore of Vacuum Tube Electronics

Bill Christie, KB3DCS 2208 Persimmon Dr. Coatesville, PA 19320 Ph: 610-486-6820

E-mail: william.christie@worldnet.att.net

I accept work from all states via UPS or USPS

Richard E. Desjarlass (978) 486-9018 dicksradiodays(a webty.net

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Antique Radios

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Tel: (612) 727-2489 Fan: (612) 824-3600 Fmail: Alan@gn4radios.com



Vintage Electronics



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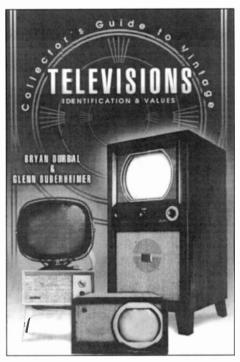
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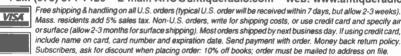


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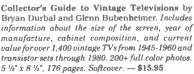


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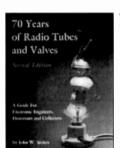
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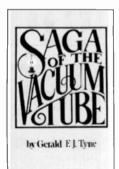
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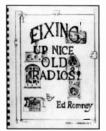
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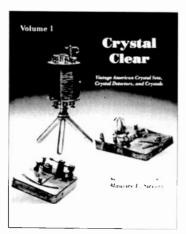
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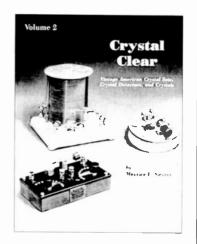
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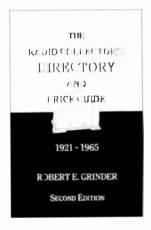
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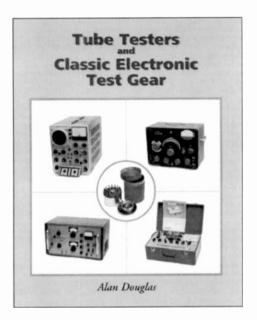


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Addison	5	Yellow & Maroon Black & Yellow Red & Yellow	1,250 1,250 1,000 1,250			Yellow Yellow & Blue Yellow & Red Emerald Gr/Yellow Blue & Yellow	2,000 3,000 4,000 4,000
Arvin	532	Yellow Maroon	2,500 2,750	Fada	5F50 & 5F60	Yellow Light Green Yellow & Blue Yellow & Red Emerald Gr/Yellow	1,000 1,000 2,500 3,000 4,000
Dewald	561	Any Color	500+	Fada	700	Yellow Maroon Onyx Blue	750 1,000 1,200 2,000
Detrola Bendix	526C	Any Color Green & Black	6,000+ 625	11-1		14. 11	
				Halson		Yellow Green Red	2,500 3,500 5,000
DeWald	A501 & A502	Brown Yellow Red	375 425 1,200	Motorota	50XC	All Yellow Brown & Tortoise Red & Yellow Green & Yellow	2,000 2,750 6,000 6,250
Emerson	AU190 & BT 245	Yellow Green or Brown Dark Red Blue Bright Red	1,300 2,500 2,700 6,850 12,000	Motorola	52	Yellow & Tortoise Maroon & Yellow Green & Yellow	1,500 1,850 3,000
Emerson	BM258	Yellow Green Red Blue	1,000 1,350 2,250 4,000	Sonora	KM	Any Color	1,600
Emerson	564 AX-235	Black Green Red Yellow & Black	500 1,150 1,650 900	Kadette	Clockette	Yellow Green Red	2,000 3,500 6,000
		Red & White Dk Red & White Blue & White Black & Orange	2.000 2.750 5.000 6.000			Blue & Clear	8,000
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Fada	115, 116 & 1000	All Yellow Maroon & yellow Yellow & red Pea Green Blue & Yellow	700 950 1,150 1,400 2,650	Sparton	Cloisonne'	Yellow Front Blue Front Red Front Brown Front Your	3,500 4,000 6,000 4,000 Price
Fada	L56	Yellow Light Green Maroon & Yellow Yellow & Blue Yellow & Red Emerald Gr/Yellow Blue & Yellow	1,500 2,500 2,200 3,000 3,500 7,000 7,000	Tom Thumb	All Colors Needed Name Your Price!		

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RADIO XXXIII

Biggest Show on the East Coast ★ Same Giant Location ★ Last Year's Show Sold-Out Two Weeks Before Event! ★ 825 Attendees ★ 76 Exhibitors ★ 7,900 Square Feet ★ 100+ Tables

An Indoor Old Radio Flea Market

Sunday, February 17, 2002 — 8:00 A.M. till 1:00 P.M.

Registration begins for all at 7:30 A.M.

\$7 admission (spouse & children free) - Exhibitors see below.

Westford Regency Inn — Regency Room — Westford, Mass.

(I-495 at Exit 32 — directions below)

Refreshments will be available.

Informal Dinner – Sat., Feb. 16th, 7 P.M. to 9 P.M. – No reservations needed – Dutch Yangtze River Chinese Restaurant — 2.2 mi. west of Westford Regency on Rt. 110.

Preregistration & Info.: A.R.C., P.O. Box 2-W20, Carlisle, MA 01741 – (866) 371-0512 – arc@antiqueradio.com

Exhibitors: \$7 per person for admission plus \$20 per table. Table sizes and location assigned on a first comefirst serve basis. Early registration is recommended in order to obtain space in the main hall. Last year's exhibitors
may reserve the same location as last year if we receive their paid registration by February 1, 2002. Adjacent
rooms will be used for overflow. Four table limit per exhibitor. Exhibitors must occupy tables for entire show.
Tables unoccupied 15 minutes prior to the end of the show will not be eligible for early reservation of the same
location in 2003. Exhibitors may register at the door or may pre-register by mailing payment to: Radio XXXIII,
c/o A.R.C., P.O. Box 2-W20, Carlisle, MA 01741. (Make check/MO to A.R.C.; Visa, MasterCard, Discover,
American Express OK, too.) If paying by credit card, exhibitors may pre-register by calling (866) 371-0512 or
faxing (978) 371-7129. Note: After picking up registration materials at the registration desk, exhibitors may enter
the hall only to deliver goods to their table (e.g. not to set up) and then must return to the foyer until the doors open
for everyone at 8 a.m. Cancellation Policy: Table fee will be refunded only if requested and the table is resold.

If a table is not occupied by 9 a.m., a table may be cancelled and resold.

Overnight stay: Westford Regency Inn at 1-800-543-7801. Mention Radio XXXIII for special rates. Room reservations should be made by January 31, 2002 for special rates. Bring your family to enjoy indoor pool, health club, racquetball courts, three restaurants, bar, etc. Night skiing at Nashoba Valley Ski Area, only 2 miles away!

Directions: From I-495, take Exit 32. Follow "To Rt. 225" sign. At stop light, turn right onto Rt. 110-West for 0.4 miles. The Westford Regency is on the right. Use doors on right (north) side of Inn. Ramps at both show entrances! The Westford Regency Inn and Conference Center is a 193-room hotel with 3 restaurants and over 500 parking spaces. With over 20,000 square feet of conference space, we have room to expand our future radio meets!

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