

# The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

August 2001

Volume 7 Issue 8



## MEETING/ ACTIVITY NOTES

Reported by Marv Beeferman

Allow me to apologize for the late mailing of this month's *Broadcaster*, but between the Muchow auction, our August 11th swapmeet and other commitments, I was somewhat pressed to produce it on time. The swapmeet went very well considering its new location and was close to a sellout; I'll have a full report in next month's issue. Unfortunately, member Al Klase was involved in a car accident toward the end of the event and is recovering in Morristown Memorial Hospital. We'll have an update on Al's condition at the Friday meeting but it is suggested that members allow a few days to pass before trying to contact him so he can get some well-needed rest.

At the July meeting, Ray Chase reported on attending the unveiling of a plaque in honor of Nikola Tesla at the New Yorker hotel where Tesla spent the last decade of his life in a sort of self-imposed exile. Ray said that it was an interesting event with the usual aura and ghost hunters in attendance. We'll try to have some photos for next month. Ray was also nice enough to bring in some examples of MG (metal glass) tubes which were the basis of an article in the July *Broadcaster* including a National Union 6F5 MG, a Triad 6J7MG, a Valvo 4673, a Super Silvertone 6K7MG and Hytron 6J7MG. On the same subject, honorary member Lud Sibley, author of *Tube Lore*, made the following comments:

"An old-time heavy-hitter radio collector recently asked what 'Coronet' tubes are; I guess there's a need to celebrate them. I notice a goof in Triad's table of metal shielded tubes: the 6D5 is described as a 'triple grid super control ampl.' when in



## MEETING NOTICE

The next meeting of the NJARC will take place on Friday, August 17th at the Grace Lutheran Church, corner of Route 33 and Main Street in Freehold. Contact Phil Vourtsis (732-446-2427) or Marv Beeferman (609-693-9430) for directions. The main topic of the evening will be a presentation by Larry Scharmann on his experiences at the Army tube research laboratory. In addition, we'll have first hand reports from Marv Beeferman and Ray chase on a very exciting Ralph Muchow estate auction and a report from Phil Vourtsis on our swapmeet in Dover. We've also scheduled a mini-auction of some of the items from the Camden "housecleaning" and an update on recent progress at InfoAge.

fact it was an audio output triode that RCA introduced and then abandoned. MG tubes lasted longer production-wise than anyone realizes. All 0Z4s, right up to the end, were MGs. Why? Well, in a gas

Phil has a collection of some 200 examples representing a majority of the models manufactured (a large number being very unique) including documentation and Phil also has extensive repair experience. He promises a well-illustrated book with professional pictures that concentrates on the RCA line but that will also include examples from other manufacturers; restoration hints will also be included. Lets look for Phil's book some time next year.

The main event for the evening was another of our show-and-tell presentations:

- George Shields, explaining that some of the first consumer radios produced in Germany (starting in about 1924) were crystal sets, showed two fine examples with typical spider web coils. With a ground, his 2-stage metal-cased model with a Telefunken enclosed detector was capable of pulling in WOR; add an antenna and Havana Cuba was easily heard. George also showed a beautiful example of the first consumer radio sold by Telefunken (Model 1), a single stage crystal set with original matched Telefunken headphones. George also pointed out the similarity in body style of his set to that of a Siemens telephone, representing the integra-



The "Camden Cleanup Crew:" Jerry Dowgin, Dave Sica, Phil Vourtsis, Gary D'Amico and Steve Goulart; John Dilks and Marv Beeferman were a little camera shy.

rectifier you don't want a plate, on the negative half-cycle, acting as a cathode and discharging through the gas to the grounded metal shell! Open up an 0Z4, and you see the same smallish glass bulb that was used in the 0Z4G. I haven't pried a CK1005 open yet, but I'll bet it's built the same way."

President Phil Vourtsis has announced that he is under contract to author a collector's book on 45 RPM record players.

**THE JERSEY BROADCASTER** is the newsletter of the New Jersey Antique Radio Club (NJARC) which is dedicated to preserving the history and enhancing the knowledge of radio and related disciplines. Dues are \$15 per year and meetings are held the second Friday of each month at the Grace Lutheran Church, corner of Route 33 and Main Street in Freehold N.J. The Editor or NJARC is not liable for any other use of the contents of this publication.

**PRESIDENT:**

Phil Vourtsis  
13 Cornell Place  
Manalapan, N.J. 07726  
(732)-446-2427

**VICE PRESIDENT:**

Richard Lee  
154 Hudson Terrace  
Piermont, N.Y. 10968-1014  
(845)-359-3809

**SECRETARY/EDITOR:**

Marv Beeferman  
2265 Emerald Park Drive  
Forked River, N.J. 08731  
(609)-693-9430

**TREASURER:**

Sal Brisindi  
203 Cannon Road  
Freehold, N.J. 07728  
(732)-308-1748

**SARGEANT-AT-ARMS:**

Dave Snellman  
Box 5113  
New Britain, PA 18091  
(215)-345-4248

**TRUSTEES:**

John Ruccolo (609)-426-4568  
Gary D'Amico (732)-271-0421  
Martin Friedman (732)-238-1047

**TECHNICAL COORDINATOR:**

Al Klase  
22 Cherryville-Station Road  
Flemington, N.J. 08822  
(908)-782-4829

**TUBE PROGRAM:**

Gary D'Amico  
84 Noble Street  
South Bound Brook, N.J. 08880  
(732)-271-0421

**SCHEMATIC PROGRAM:**

Aaron Hunter  
23 Lenape Trail  
Southampton, N.J. 08088  
(609)-267-3065

**CAPACITOR PROGRAM:**

John Ruccolo  
335 Butcher Rd.  
Hightstown, N.J. 08520  
(609)-426-4568

**WEB COORDINATOR:**

John Dilks, K2TQN  
(609)-927-3873  
<http://www.eht.com/oldradio>

**MEMBERSHIP SECRETARY:**

Marsha Simkin  
33 Lakeland Drive  
Barnegat, N.J. 08005  
(609)-660-8160

tion of styling of the two technologies.

- Walt Heskes powered up a TRF homebrew receiver built by a friend who couldn't attend the meeting. The unit was based on a magazine article with coils supplied by Antique Electronic Supply. Walt explained his method for tuning the receiver by first setting each coil to the same frequency..
- John Dilks displayed a set of telegraph sounders, keys and transformers in working condition. John also showed a photo, ticket and ID badge of an individual who attended the 1925 ARRL convention in Worchester, Mass. He used these items to emphasize that sometimes it takes a little extra questioning to preserve radio history. While responding to the sale of a single item, John says that it's always good to ask the question "got anything else like this?" In John's case, the convention items were found in three different locations in the sellers home.
- Dave Sica got a few chuckles from a cute novelty item he demonstrated. A battery powered truck placed on a record tracks the circular path of its grooves and crudely reproduces the sound. A Joan Baez record was a perfect choice for this sound system.
- Jerry and Marsha Simkin showed some pieces typical of their collecting preferences: some well-preserved "radio" games, an advertising fan and a reproduction of an Italian poster advertising Crosley radios. The poster is typical of the more creative and deco designs found in Europe at the time as opposed to the more bland US advertising. This poster and many similar ones was found purely by chance by Marsha on the Barnes and Noble web site under "posters." The site is worth a look if you're interested in some excellent decorative pieces to accent your collection; I was so taken by them that I went crazy and bought 10! Each poster is \$20.00 without frame.
- Ray Chase brought in a beautiful display of 1920s German "fantasy" radio-related postcards and his wife,

Edith, modeled a cap from the Radio Workers union.

- On occasion, being a soccer dad has it advantages. Phil Vourtsis showed a beautifully restored Zenith 5G438 courtesy of the Antiques Barn in Birmingham NY and his daughter's passion for the sport. He also displayed a 1934 metal, wood-look Sparton courtesy of Mr. and Mrs. Jon Butz Fiscina.
- Walter Jacobson told a great story concerning his 1946 Federal 1030T BC/SW receiver. After seeing it in a Red Bank antique store and feeling it was overpriced at \$75, he passed it up. Along comes mom and presents it to son Walter some time later with the typical "look what I found" excitement we are all too familiar with. After Walter found out what mom paid for the radio, he didn't have to hide his disappointment...\$30.

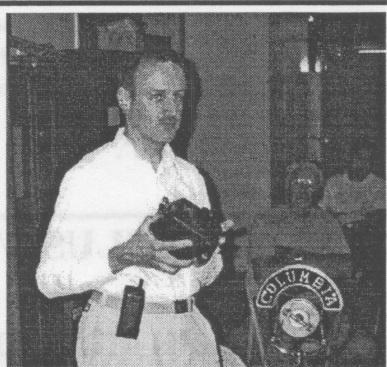
The meeting ended with the auction of some "leftovers" from Jon Butz Fiscina's move to Texas that he donated to the club including IRE proceedings, test equipment and various replacement parts. Thanks Jon...the proceeds certainly were helpful in paying our bills.

The Executive Board will be accepting nominations for the Tony Flanagan Memorial Award; nominations are due by the September 30, 2001. The first award was presented to John Dilks but an award was not presented last year. Nominees will be considered based on their contributions to the promotion of the antique radio hobby, the preservation of radio and electronic communication history and the history of their associated disciplines through artifacts and documentation, and the promotion of the public awareness of radio development and history through books, articles and exhibitions. Primary emphasis should be given to these considerations and not necessarily to the individual who has done the most for the club.

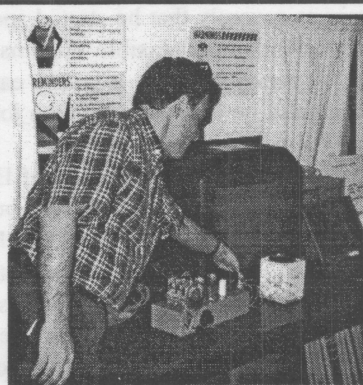
The award consists of a plaque and a certificate, with the club maintaining a plaque with the names of past winners. With all the deserving individuals who have supported our hobby, expectations are high for a number of candidates to choose from.



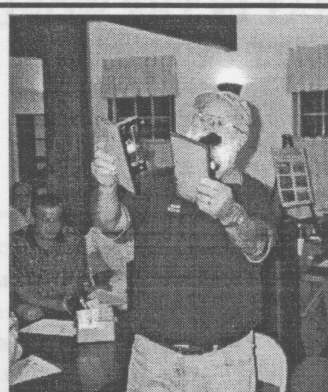
## SHOW AND TELL



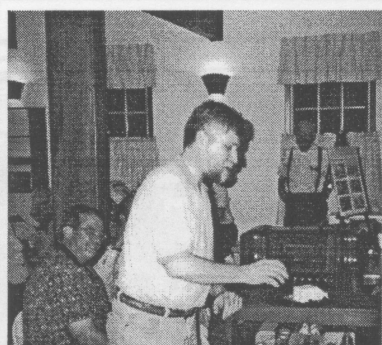
George Shields describes an early German crystal set.



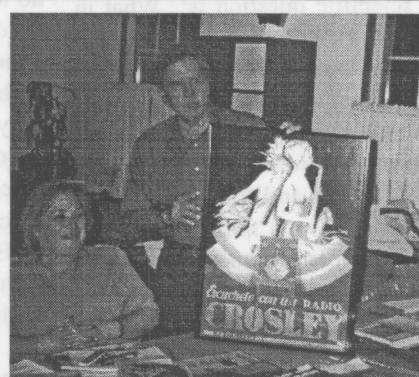
Walt Heskes fires up a homebrew TRF set.



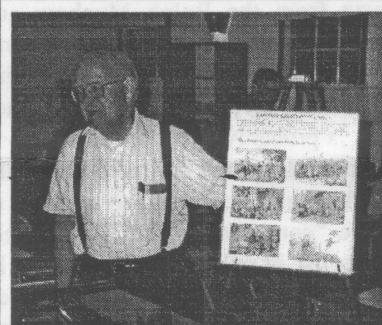
John Dilks displays some early telegraph sounders.



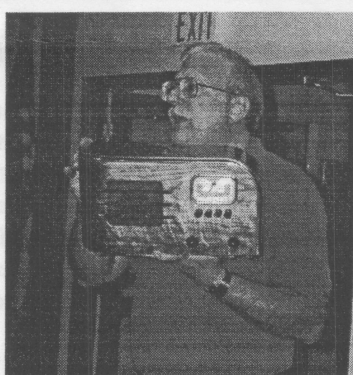
Dave Sica demonstrates how Joan Baez should really sound.



Jerry and Marsha Simkin display a radio game and a Crosley advertising poster from Italy..



Ray Chase's German "fantasy" radio-related postcards and a Radio Worker's union cap modeled by his wife Edith.



A beautiful wood-look 1934 Sparton described by Phil Vourtsis.



Walter Jacobson's 1946 Federal 1030T which only a mother could love.

## WHAT IN THE WORLD IS ELECTRICITY?

*Many of us can deal with the most complicated radio circuits but still don't have a basic understanding of electricity and the history of its discovery. The following piece was submitted by John Ruccolo. It is credited to "Electricity & Science," author unknown (12/2000) and downloaded from the Dow Jones news service.*

Today's scientific question is: What in the world is electricity? And where does it go after it leaves the toaster? Here is a simple experiment that will teach you an electrical lesson: On a cool, dry day, scuff your feet along a carpet, then reach your hand into a friend's mouth and touch one of his dental fillings. Did you notice how your friend twitched violently and cried out in pain? This teaches us that electricity can be a very powerful force, but we must never use it to hurt others unless we need to learn an important electrical lesson.

It also teaches us how an electrical circuit works. When you scuffed your feet, you picked up batches of "electrons," which are very small objects that carpet manufacturers weave into carpet so that they will attract dirt. The electrons travel through your bloodstream and collect in your finger, where they form a spark that leaps to your friend's filling, then travel down to his feet and back into the carpet, thus completing the circuit. If you scuffed your feet long enough without touching anything, you would build up so many electrons that your finger would explode! But this is nothing to worry about unless you have carpeting.

Although we modern persons tend to take our electric lights, radios, mixers, etc. for granted, hundreds of years ago people did not have any of these things, which is just as well because there was no place to plug them in.

Then along came the first Electrical Pioneer, Benjamin Franklin, who flew a kite in a lightning storm and received a serious

electrical shock. This proved that lightning was powered by the same force as carpets, but it also damaged Franklin's brain so severely that he started speaking only in incomprehensible maxims, such as, "A penny saved is a penny earned." Eventually he had to be given a job running the post office.

After Franklin came a herd of Electrical Pioneers whose names have become part of our electrical terminology: Myron Volt, Mary Louise Amp, James Watt, Bob Transformer, etc. These pioneers conducted many important electrical experiments. Among them, Galvani discovered (this is the truth) that when he attached two different kinds of metal to the leg of a frog, an electrical current developed and the frog's leg kicked, even though it was no longer attached to the frog, which was dead anyway. Galvani's discovery led to enormous advances in the field of amphibian medicine. Today, skilled veterinary surgeons can take a frog that has been seriously injured or killed, implant pieces of metal in its muscles, and watch it hop back into the pond -- almost.

But the greatest Electrical Pioneer of them all was Thomas Edison, who was a brilliant inventor despite the fact that he had little formal education and lived in New Jersey. Edison's first major invention in 1877 was the phonograph, which could soon be found in thousand of American homes, where it basically sat until 1923, when the record was invented. But Edison's greatest achievement came in 1879 when he invented the electric company.

Edison's design was a brilliant adaptation of the simple electrical circuit: the electric company sends electricity through a wire to a customer, then immediately gets the electricity back through another wire, then (this is the brilliant part) sends it right back to the customer again. This means that an electric company can sell a customer the same batch of electricity thousands of times a day and never get caught, since very few customers take the time to examine their electricity closely. In fact, the last year any new electricity was generated was 1937.

Today, thanks to men like Edison and Franklin, and frogs like Galvani's, we receive almost unlimited benefits from electricity. For example, in the past decade

scientists have developed the laser, an electronic appliance so powerful that it can vaporize a bulldozer 2000 yards away, yet so precise that doctors can use it to perform delicate operations to the human eyeball, provided they remember to change the power setting from "Bulldozer" to "Eyeball".

## NJARC EXCLUSIVE!

### THE RALPH MUCHOW AUCTION

By Marv Beeferman



Like some cosmic microwave background left over from the "Big Bang," the buzz from the Ralph Muchow auction should last for some time. With some selected auction results making their way over the grapevine, the biggest question that is probably being asked by most collectors is how will future value be affected by the high prices realized by some of the more "common" items. When the full price list is published in Antique Radio Classified (compliments of club member Ray Chase), I could easily picture excited collectors scrambling through their collections to re-evaluate "true worth." A smile certainly came to my face when a Deutsche Telephonwerke u. Kabelindustrie A.-G. folding loop antenna (distributed by Tobe C. Deufschmann, Boston, auction catalog page 37), which I purchased a few years ago for around \$400, sold for \$2300. But of course the Muchow piece was in near perfect condition and this factor is one of many that should be taken into consideration when



comparing prices. More on this later...

The trip to Elgin was uneventful but my usual procrastination in making travel arrangements stuck me with a \$1200 round trip ticket...thank goodness for One Pass miles! I arrived at Radiofest XX at about 10:00 AM and was surprised to find, with the auction preview just a few hours away, a fairly large number of vendors hawking for that final sale. I found a few items of interest, but with no way to haul them home and determined to stick to my original game plan of being just an observer at a once in a lifetime radio event, I passed them up. However, my "observer" status was quickly compromised with the first rap of the auctioneer's hammer and an offer by Ray Chase to supply transportation. I guess we've all been in this situation at least once in our collecting careers...a radio fool and his money are soon parted.

Friday's sale started promptly and briskly at 4:00 PM with an offering of tubes and advertising; except for the last hour or so on Sunday, realized prices set the tone for the remainder of the auction. A molded Brandes "headphone girl" bust sold for \$1400, a NOS sodium D-21 went for \$225, Atwater Kent advertising pieces were hammered down at \$2200 and \$1800, a DeForest single-wing spherical audion with an open filament sold for \$1450, the Orson Welles transcription of War of the Worlds brought \$14,000 and a WSA audion with one good filament was purchased for \$3200. Ray Chase was outbid on a Zahl tube (developed by Harold Zahl of Fort Monmouth) with a good filament for \$250.

In a full report (courtesy of Ludwell Sibley) to be published in the *Tube Collector*, Jerry Vanicek noted that Ralph Muchow's tube collection "gives insight as to what tubes could be found in the earlier days of collecting." Jerry reported that tube prices were generally moderate and attributed this to the possibility of the late printing of the auction catalog and the auctioneer's pre-sale emphasis on the unique collection of radio equipment. Jerry also noted that "surprisingly, a number of well known tube collectors were absent from the auction" which may have prevented a "feeding frenzy."

While bottom feeding, I was able to make some reasonable buys including a glass Crosley advertising sign, a Majestic tube cabinet and 25 small cardboard, hand-

painted signs advertising a cross section of products and repair services. At \$65, I did consider a 1929 book on scanning disc TVs and how to build them somewhat of a bargain. I believe its title, "The ABC's of Television," made some buyers think it was of 40s vintage, since the book normally sells for \$100. Friday's sale closed at 10 PM, with a number of paper items and tubes left unsold and anticipation of high prices for Saturday and Sunday.

For anyone expecting any bargains, the next two days (except for the last two hours on Sunday) were again disappointing. For example, the low end for loop antennas was \$400 with many running into the thousands. Sometimes it appeared that the auctioneer got into the frenzy; the opening bid request for a Thomas E. Clark 1915 crystal set was \$5,000 although the winning bid settled out at \$1,400. Robert Lozier's frustration is typical as reported by club member John Dilks who was keeping collectors abreast of the auction over the net:

"I had about a dozen items on my list for bidding and got only one...an excellent condition Swedish Radiola set of 1929 vintage complete with tubes and paperwork. I was frustrated time and time again in my attempts to buy my Italian friend, Franzoni, an interesting crystal set...There were 50 or more fairly good to excellent crystal sets but they were all selling for \$250 and up!"

To provide a better flavor for prices, the following list represents a mix of some of the more common items with those that are very unique and rare:

- Western Electric 4B receiver - \$2,250
- Magnavox R3 horn - \$275
- Scott large baby Quaranta console - \$24,000
- Western Electric 7A amplifier - \$500
- David Sarnoff custom made speakers (mahogany with mother of pearl inlay) - curved bell, \$4300; straight bell, \$4,900
- Grinsby Grunow horn speaker with celluloid cone - \$1,100
- Zenith Stratosphere - \$8,000
- Westinghouse 1920 station monitor - \$8,000
- Atwater Kent model 5 breadboard - \$8,500
- Amplion "giant" horn - \$1,500
- 1912 Allwave receiver - \$9,000
- Michigan receiver - \$1,300
- WROK microphone - \$3,150
- DeForest 15-panel receiver - \$14,500
- Large Western Electric speaker - \$600
- Scott Phantom Deluxe - \$3,000
- Magnovox R3 speaker - \$1,300
- Admiral Byrd 1928 Antarctic trip receiver/transmitter - \$33,500
- Thomas E. Clark early wireless receiver - \$16,000
- Thomas E. Clark spark transmitter - \$13,000
- 1933 transmitter (used in the "Untouchables" movie) - \$300
- Collins wireless telephone - \$26,000
- 1927 Brunswick Panatope (with gold plated hardware) - \$13,000
- Queen & Co. spark coil - \$2,500
- 1928 Western Television scanning disc TV with neon tube - \$9,500
- SE-143 receiver with control box - \$8,000
- RCA 1935 stratosphere receiver and display (carried in a balloon that set a high altitude record of 13 miles) - \$11,500
- Western Electric 936 WW I "sub chaser" transmitter/receiver - \$7,000
- Rotary gap spark transmitter - \$2,600
- 1932 AK 90 Fountana "fountain radio" (made by Electric Radio Clock Fountain Co. of Irvington, NJ) - \$6,250
- Kennedy 220 receiver - \$2,100
- Kennedy 526 amplifier - \$1,700
- Grebe CR3 - \$1,600
- Bosch cane speaker - \$500
- DeForest D-12 + antenna - \$700
- Globe sideboard radio - \$145
- 205D tube - \$325
- Lettering kit used by Dr. Muchow to prepare his signs - \$135
- Scott Philharmonic - \$12,000
- "Multi-contact" crystal set - \$1,000
- DeForest D-10 (loop not original) - \$2,000
- 1942 Jefferson Travis "espionage" radio and display - \$3,200
- Radio Apparatus Co. (Pottstown) high frequency amplifier - \$6,400
- Zenith 4R receiver - \$800
- Marconi 106D receiver with "D" conversion - \$15,000 (compare with

- \$45,000 price at the Ford Museum auction)
- Kennedy 110 receiver - \$1,800
- 1908 Elmo Pickerill crystal set - \$19,000
- 1912 C.H. Stoelting crystal set - \$11,000
- Operating spark transmitter - \$3,600
- 1914 spherical audion Regen receiver (Missouri Technical Institute) - \$27,000
- AK Model 8 prototype with instructions and prints - \$2,050
- DeForest Regen receiver with type T 300 Flexowave tuner, CF-122 audion control box and CF-185 audion - \$23,000
- Yahr Lange pedestal speaker - \$950

To put prices in perspective, it must be remembered that the majority of items were in working condition, cosmetically near perfect and had operating tubes (including WD11s and brass-based/tipped 201s). I had no problem paying \$135 for a Traveler portable with no tears, antenna and good 99s. This is not to say that some of the sets were not completely authentic or could have seen better days. Estes did make note of some of the potential problem areas (the AK breadboard was not factory, the Cleveland Radio Co. two stage amp was aesthetically rewired, etc.) but to the eagle eyes of a few hundred knowledgeable radio collectors, not much went unnoticed. Missing breadboard tags and non-original and incomplete restorations were easily recognized. In general, though, most items were ready to be put on display or fired up without any further work!

Although many items went overseas, the majority stayed with US collectors. It was pleasing to see that the original transmitter and receiver used by Admiral Byrd on his first Antarctic trip in 1928 (including a watch, photographs, a Western Union telegram and a signed payment check for \$2.28 to RCA), was sold to the Planetary Studies Society. The society plans to retrace Admiral Byrd's expedition and fire up the original transmitter and receiver. Another nice touch was the sale of the lettering kit that Ralph used to add identifications and descriptions to his collection and made viewing it so much more rewarding.

I had no problem with the high prices paid for some of the Atwater Kent advertis-

ing. These items, usually poor survivors, are almost impossible to find in the condition that they were offered. I also anticipated that the majority of console radios would bring reasonable if not bargain prices. Unless you had a way to transport them or pay a fortune for overseas shipping, they were up for grabs. Most of these were also very uncommon, with extremely ornate designs and finishes and again, in excellent condition.

As noted earlier, the last few hours were described as "bargain time" by Ray Chase as the crowd really thinned out (Ray says he picked up seven radios during this period). I was part of the Exodus, leaving at 4:00 to catch my plane. In retrospect, I should have arranged for a Sunday night stay. The excitement of those final few hours is described by Robert Lozier:

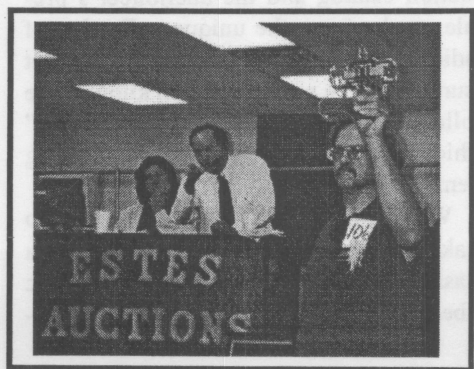
"Doc also had an impressive looking British set of 1925 vintage called a Burndept Ethophone Grand...owned by the Viscount of Scarsdale. All solid mahogany made by a prestigious cabinet making firm...complete with rose wood inlays. It came up late in the sale and BAM! I had it! I was stunned!..."

The auction itself was run relatively smoothly considering the volume and status of the estate. Estes Auctions must certainly be congratulated for effectively dealing with the huge task of moving the equipment from the Muchow museum to Hemmens Cultural Center. The collection was nicely arranged for easy viewing and picture taking without crowding. Checkin and checkout was efficient and the sale ran at a good pace. Richard Estes (the only auctioneer) did an excellent job of maintaining the energy and continuity of the auction throughout the three days. There was some question whether it was a good idea to disperse some of the less desirable items throughout the main part of the auction rather than leaving them toward the end. It also was probably not a good idea to continue with paper and tube sales on Saturday which seemed to slow down the sale pace of items people were more interested in bidding on.

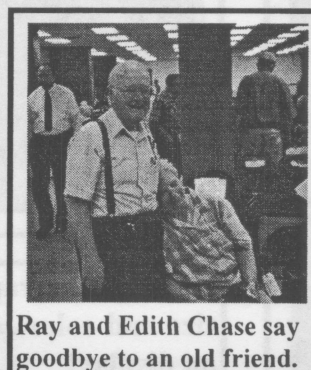
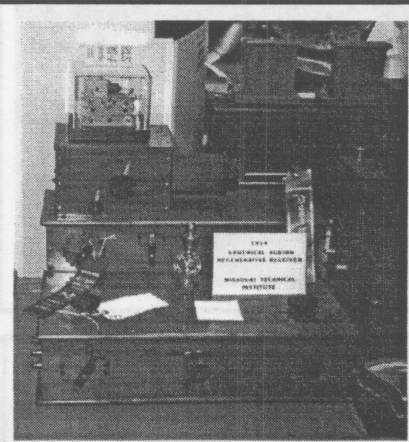
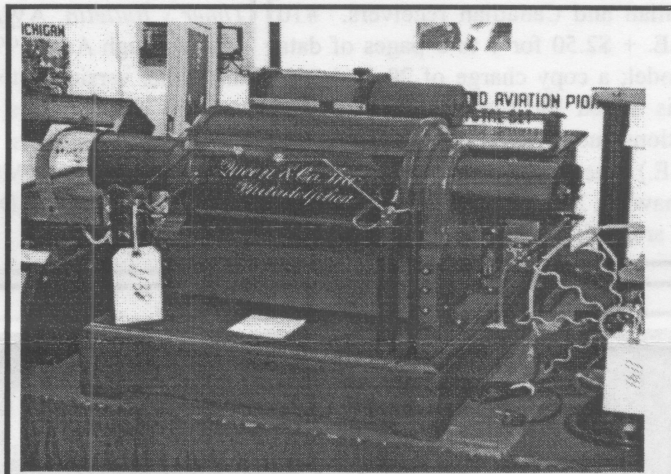
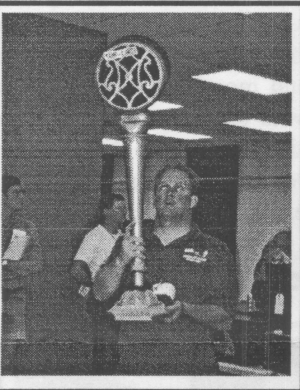
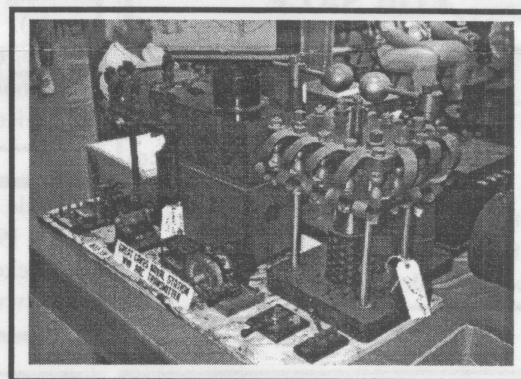
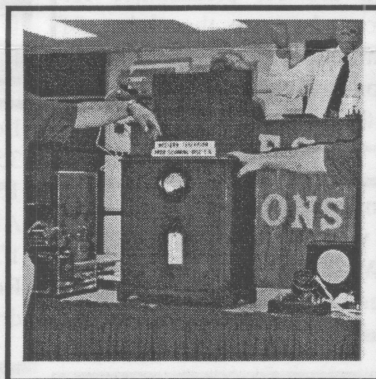
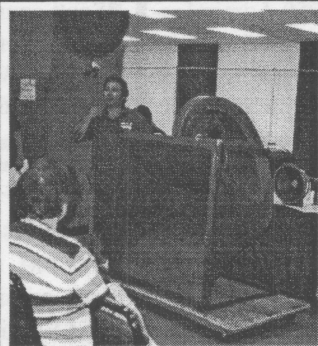
The auction ended at 7:50 on Sunday with about 100 radios and some hardware items, tubes and paper not sold. These

will return to Ohio for the next Estes radio auction. The million dollar total represented some 1750 lots, 25 solid hours of auctioning and bidders from over 10 countries (England, Sweden, France, Japan, Germany, Switzerland, Brazil, South Africa, Netherlands, Canada and British Columbia) and 36 states.

I would be hard pressed not to remember this auction for years to come. I doubt that I (or most other attendees) will ever get a chance to see such unique items as the "Atwater Kent Banjo" (the AK logo painted on its neck) used by the AK orchestra during an AK distributor convention in Atlantic City, NJ in 1927 or such historically important items as a 1906 Collins wireless telephone. This is especially true of items that have gone overseas. Steve Muchow, in passing remarks made on Sunday, said that his father would appreciate to know that his museum wound up in the trusted hands of individual collectors, to be passed on to the next generation to enjoy. I couldn't agree with him more!







Ray and Edith Chase say goodbye to an old friend.

## CONNECTIONS

Free exposure for buyers and sellers! Unless requested otherwise, each ad will run for two months in both the *Jersey Broadcaster* and the *Delaware Valley Oscillator*. All buying and selling transactions are the responsibility of the parties involved.

## FOR SALE

Check out NJARC's capacitor program for those most commonly needed replacements. Contact John Ruccolo at any club meeting or call him at home (609)-426-4568 to find out what's available. All proceeds go to the club.

Radio schematics and service data, US, Australian and Canadian receivers. #10 S.A.S.E. + \$2.50 for 1 to 5 pages of data per model; a copy charge of 20 cents per page is added for copies over 5 pages. (Questions/quotes answered by e-mail or a S.A.S.E.) Steve Rosenfeld, P.O. Box 418, Manahawkin, N.J. 08050 Phone: 609-597-2201; srosenfeld@ems.att.com

Need a new home for a 1950 Admiral radio, TV, phono combination, model 32X36A. Complete, cabinet in good condition, has 12" round picture tube. Make an offer...must go. Local delivery possible. Aaron Hunter, 23 Lenape Trail, Southhampton, NJ, 08088, 609-267-3065.

The NJARC tube program offers clean, tested, boxed tubes at very reasonable prices with availability at any club meeting (no dealers, please...not for resale). Proceeds go to the club. Of course, donations of radio-type tubes in any condition are welcome. See Gary D'Amico at the next meeting.

For sale by non-member: RCA model 9 INT1, 1957, with manual, \$150. Richard A. Decker, WA2TUM, 732-505-1082, <http://www.geocities.com/gypsy/fever/>

New index to AWA publications (*Old Timer's Bulletin*, *AWA Review*, misc.), 1960 through Aug. 1999. Formatted like the earlier version but with new "Author" section. Has 63 pages, 8-1/2" X 11" size. Gives 7000+ citations. \$12 postpaid anywhere. Make check/MO payable to: Ludwell Sibley, 102 McDonough Rd., Gold Hill, OR 97525.

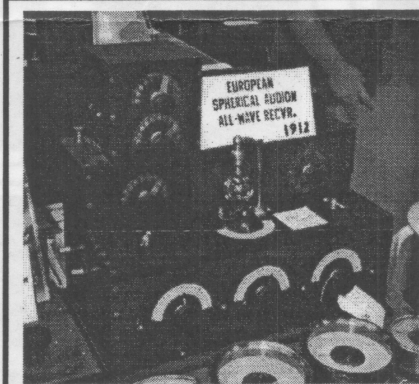
Scott console, circa 1940, needs repairs; Philco console, circa 1945, needs minor repairs. Will take best offer. Tom Musocchio, 609-448-1688.

**Free to anyone who will make good use of it:** RCA A-106 console AM/FM phono. A fixer-upper/parts unit, missing the 45 RPM turntable. Pair of 6V6s in the output stage and good-sized 10-12" speaker. Rob Flory, 609-466-4217, [robandpj@compuserve.com](mailto:robandpj@compuserve.com).

## WANTED

Looking for 1500V @ 400-500mA, 350V @ 200mA plate transformers; 15VCT @ 3A filament transformer. Also black wrinkle rack panels, esp. 1-1/2" and 6" high but other sizes useful. Rob Flory, 609-466-4217, e-mail address: [robandpj@compuserve.com](mailto:robandpj@compuserve.com)

Your surplus radio knobs. Buying bulk stock of pulls for matching service and resale. Look for Gobs of Knobs at regional swapmeets and monthly DVHRC meetings. Bring your orphans and I just might have its relatives in stock. Dial pointers also available. Mike Koste, 57 Tennis Ave., Ambler, PA 19002. (215)-646-6488



These photographs cannot be appreciated unless they are seen in full-size and color...so come to the August 17th meeting where they will be on display!