

# The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

June 2000

Volume 6 Issue 6



## MEETING/ ACTIVITY NOTES

Reported by Marv Beeferman

May's NJARC meeting brought a few new faces and a few new members into the fold. Our final membership tally, after dropping 16 non-renewals, stands at 160, twenty more than last year and a very nice increase. Appreciation goes out to Membership Secretary Marsha Simkin for keeping all the names and addresses and the *Broadcaster* mailing list up-to-date.

Anyone living in the Hightstown area could do new member Robert Nikelsky a great favor by providing a ride to our monthly meetings (or whenever it's convenient). Robert has been restoring radios and audio equipment for many years and his technical expertise will be a great asset to our group. His address is 29 Lanning Blvd., Apt. 142, Hightstown NJ and he can be reached at 609-918-9027.

Richard Lee, Dave Snellman, Dave Sica, Phil Vourtsis, John Ruccolo and Marv Beeferman were NJARC representatives at the Trenton Computer Fest on May 6th with John Dilk's mobile amateur radio museum covering the flea market area. The inside display highlighted early battery sets, mid 30s and late 40s broadcast and amateur sets, 45 RPM phonographs, transistor radios and an early Pilot TV exhibited by Dave Sica. The display area was scheduled to be shared with a "computer museum" which turned out to be nothing more than a few old IBM magnetic tape cartridges and some vintage computer-related reprints. Our mini radio museum, however, received significant interest from both young and old, including the many "characters" that such events seem to draw. The general consensus of our participating members was that at a meeting of the computer geeks and radio freaks, weirdness



## MEETING NOTICE

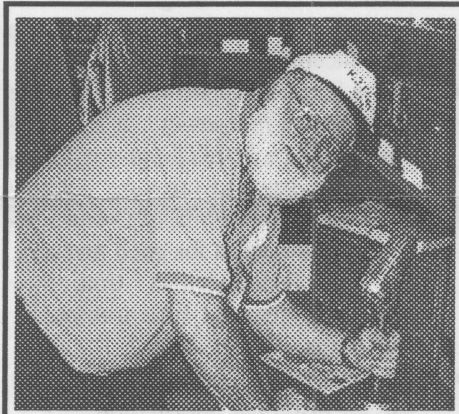
The next meeting of the NJARC will take place on Friday, June 9th at 7:30 PM in the Grace Lutheran Church, corner of Route 33 and Main Street in Freehold. Contact Marv Beeferman at 609-693-9430 or Phil Vourtsis at 732-446-2427 for directions. Executive Board elections will be held this month so please be sure to attend; votes may be cast directly at the meeting or by proxy. In lieu of a technical session, another popular show-and-tell is planned with an emphasis on early shortwave items (although items in any other category will be welcome). We'll also be discussing the results of a surprisingly successful swapmeet that was held in Hightstown on May 20th.

seems to abound significantly more in the digital world.

On the evening of May 4th, NJARC member Ray Chase gave a radio history presentation to 40 members of the Long Hill Historical Society. Ray was assisted by Joe Bentrovato, helping him with hauling and setup up and contributing one of his very nice working Philco 90 cathedrals to the display. Ray said that from

Society. You are very knowledgeable about the history of the radio and presented in a straight-forward, enjoyable chronology. Your sample radios certainly enhanced the presentation.

I was surprised to learn that some folks traveled from Springfield, Denville and Cranford after spotting our notice in the *Star Ledger*, I believe. This is most unusual. And a gentleman who works at a radio station in Stirling attended our meeting for the first time. I'm sure you had an opportunity to chat with a few of these individuals who share your interest in radio."



**John Dilk mans his mobile amateur radio museum at the Trenton Computer Fest.**

the discussion and questions following the presentation, it was well-received as confirmed by club president Eileen Stovall:

"I would like to thank you for your time and interest in presenting to our group, the Long Hill Township Historical

Ballots for Executive Board elections will be provided at the June meeting. Since no nominations were received prior to the June 2nd cutoff, the following members will maintain their present positions for the next two years: Phil Vourtsis (President), Marv Beeferman (Secretary/*Broadcaster* editor), Sal Brisindi (Treasurer), Dave Snellman (Sergeant-At-Arms) and Al Klase (Technical Coordinator). Nominations have been received for Vice President (Richard Lee) and Trustees (John Ruccolo and Dave Sica) and these positions will be voted on.

The flea market gods once again smiled on our May 20th swapmeet at Hightstown. A rainy Saturday looked like it would doom the outside event to failure,

**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 buying and selling transactions or 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:**

Jim Fisher  
344 Harrison Ave.  
Manville, N.J. 08835  
(908)-725-7476

**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:**

Mark Mittlemen (908)-431-1324  
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  
10 Avalon Lane  
Matawan, N.J. 07747  
(732)-583-5196

but the availability of the Country Club building turned the tide toward a very pleasant and successful day. It was gratifying to see everyone pitch in to get the tables set up; in record time, 50 vendors (with only 2 no-shows) were displaying their wares to nearly 150 attendees. The swapmeet included a casual auction of some 100 items purchased by the club from two collectors and a walk-around auction. Auctioneer Al Klase did an exemplary job in ensuring that all went smoothly with assistance from Dave Snellman, John Ruccolo, Dave Sica, Sal Brisindi, Gary D'Amico, Marty Friedman and Richard Lee. Thanks also to Dave Snellman and Gary D'Amico for manning the club table and Sal Brisindi for collecting rental fees. Appreciation also goes out to Phil Vourtsis, Marty Friedman and Marv Beeferman for picking up, storing and hauling the auction items. And finally, a special thanks to Mark Mittleman for pitching in without being asked.

May's formal meeting touched on a wide range of topics:

- Another radio repair seminar is tentatively scheduled for July or August - please make your preference known.
- Dave Sica would appreciate schematics of the recent one-tube radio contest entries. Copies can be sent to Dave at 1459 St Georges Ave., Rahway NJ (07065) or brought to the June meeting.
- If you have the opportunity, catch the latest movie *Frequency*. It's a wonderful science fiction fantasy with numerous twists and turns for mystery buffs with some *Field of Dreams* sequences thrown in for good measure. For you techno-critics, time how quickly a Heathkit tube transceiver warms up.
- Marconi.com was reported as a great site for historical information.
- Richard Brill reported on contacts made with fellow collectors in Brazil, Panama, Costa Rica and Columbia during his recent travels. Richard attended a meeting of 26 members of the Rio de Janeiro Radio Club held in a 37-room mansion where he found that the majority of collectors favored breadboards and American broadcast receivers. Next stop for Richard is Poland.



Radio freaks meet computer geeks - a friendly techno-war at the Trenton Computer Fest.



Dave Snellman's transistor radio display. Included were a Zenith Royal 500 (first hand-wired transistor set from Zenith - 1955), a Royal 500D (1958), a Royal 500E (1959) and a Royal 500H (1961).



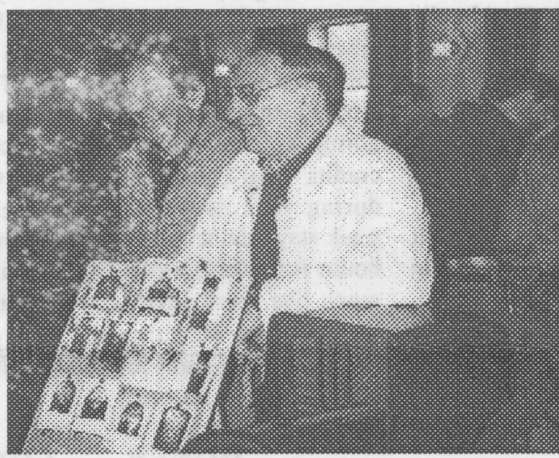
Hmm...large, round, black vinyl discs? A strange way to store audio data.



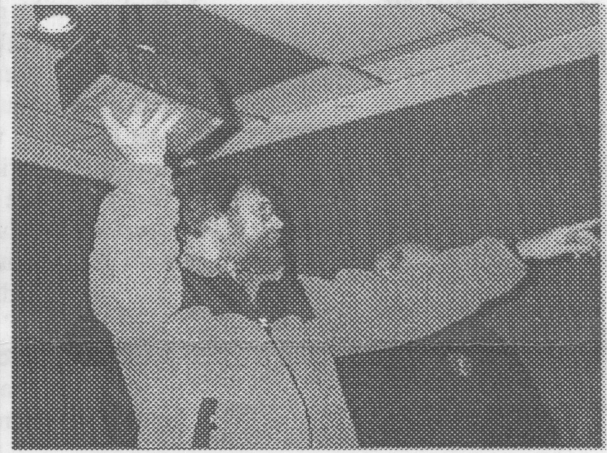
As usual, John Dilks' mobile amateur radio museum generated quite an interest.



### HIGHTSTOWN SWAPMEET



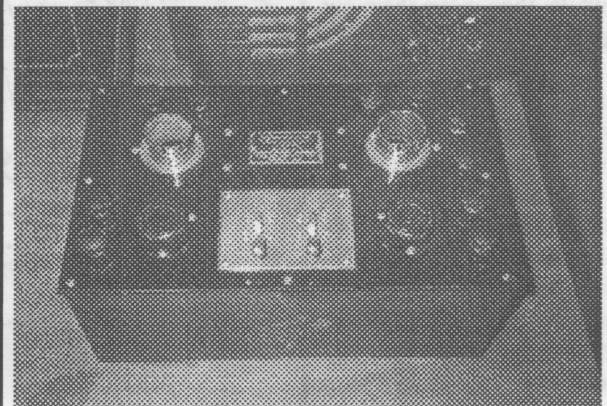
The rain delay didn't dampen Joe Milano's spirits as he proudly displays his wares.



Auctioneer Al Klase did a great job at both the informal and walk-around auction.



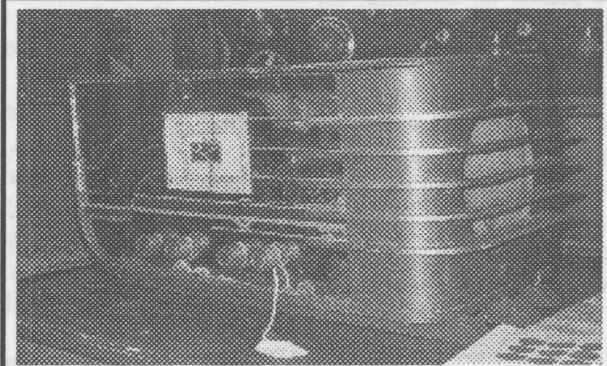
Dave Sica does some homework before the auction.



FOR SALE: A Magnavox AF amplifier.



Al Klase's RDF finger (upper left) pinpoints an eager bidder.



A real nice Sparton with a real nice price tag.

## TOP 10 WAYS To Get Your Wife to Let You Buy (Another) Old Radio

Edited by Marv Beeferman

*The following is an adaptation of an article that appeared in the July 2000 edition of "Musclecar Review" and is used here with permission...Ed.*

### THE BOAT ANCHOR SHELL GAME

Here's a nice little ruse that draws on her confusion. If you've already got an inventory of boat anchors in the basement, so much the better. The object of this game is to get a revolving door of radios flowing in and out of your house. Store your friends' boat anchors for a while, then move them out. Bring in new junkers and basket cases that you're storing for a friend "just for a few weeks." Every few days rotate the field—in come a couple new radios, out go a few old friends. The idea is to get her so confused that she's lost track of which radios are yours and which ones are just visiting. Chances are pretty good that she wasn't paying real close attention before this monkey business got underway, so when the smoke clears and all the other radios have moved on, voila! Somehow you've picked up an extra! Or did you? It's hard to tell since your basement was like Grand Central Station. But be warned. This maneuver has high stakes. A worst-case scenario is that, unbeknownst to you, she knew you were up to no good, was watching the inventory like a hawk, and the arrival of this new, unannounced bundle of joy is just what she's been waiting for to lower the boom.

**IT'S AN INVESTMENT** - Try playing the financial angle. It packs a powerful punch to everyone born and raised on good ol' red-blooded capitalism, especially women who consistently balance their

checkbooks to the penny. Investment-mania is running fullbore and you don't want to miss out on your piece of the pie. So, you're not going to frivolously broadsid your checking account. Not at all. Rather, you're going to add a classic radio collectibles to the asset ledger of your balance sheet. Remember to get the semantics right—you're not "buying a radio," you're adding vintage assets to your net worth. Throw in lots of hoopla about how fast these rare collector's items are increasing in value and how one just like it sold at auction for 85 times the asking price of the radio you've got your eye on. And while you're trying to swing the deal based on financial prudence, don't forget to point out that you won't lose an ocean of cash to depreciation, unlike that SUV

On the plus side, you get your radio, and you also get some high-powered bragging rights about how, by golly, if you want to buy another old radio, by golly, you're gonna by golly do it. Real manly stuff, great for impressing your NJARC pals when they come over for a little collection-warming celebration. The obvious downside is that you can be sure it's going to wipe out all those "goodwill credits" you banked biting your tongue during your mother-in-law's latest six-week stay, and it can land you in the doghouse for a long time. But if you pretty much live there anyway, what's to lose? Just grab your soldering iron and you and Rover can get right to work getting the old basket case restored.



**"RUMOR HAS IT ALAN GREENSPAN JUST BOUGHT A MODEL 5 ATWATER KENT BREADBOARD!"**

she's driving. Of course, working the investment side of the road assumes that at some point in the not-too-distant future, you'll sell to realize that promised profit. And of course, you have no intention of selling, so don't get pinned down to a firm date of sale, and for cryin' out loud, detour the discussion around all those "rapidly appreciating collectibles" you already have in the basement.

**DAMN THE TORPEDOES. FULL SPEED AHEAD!** - Here's a real macho trip where you just buy the darned thing, consequences be hanged.

### HONEY, YOU'VE GOT TO SNAP OUT OF IT!

- You'll have to psych yourself up (down, actually) for this one. After completing some mental preparations, you're going to mope around for three or four days in a colossal funk. You know—despondent, lethargic, bummed out big time. When she asks what the heck's the matter with you, tell her hour you're depressed, how you feel like a caged beast, how life just seems to have lost its thrill. Play to her sympathies. She does have some, right? You know her hot buttons, so press 'em all. When you sense you've tugged on her heartstrings, suddenly the solution hits you! A Zenith Oceanic would be just the thing to snap you out of it. What a lift it would be to your state of mind, to your job, to your romance and marriage. Yeah, throwing in that marriage stuff is sinking pretty low, but desperate times call for desperate measures.

### I COULD BE OUT DRINKING

- And maybe you should be. Better yet, develop a sudden interest in skydiving, shark hunting, or some other harrowing sport. You know—buy a couple videos, leave some magazines lying around. Float a few trial balloons until you find



you find the activity that makes her skin crawl. That's the one you pursue with full vigor. Pretend to be obsessed. Talk about it at dinner, and several times during the day. Of course, the goal is not to actually engage in the activity, just to make her think that you really want to. And don't forget to freak her out with the outrageous costs. "Honey, come here quick. Look at the ad in the back of this magazine!. I can get a Gyrocrash 2000 Stunt helicopter kit for just \$88,000!" Naturally, she'll be mortified and try to talk you out of it. At the right time, you'll "give in" to her oh-so-practical logic and allow yourself to be talked out of it, settling instead for a much cheaper, much more practical AK breadboard. She "wins," but, you, big guy, make out like a bandit!

**I DID IT FOR YOU, BABY!**

- Of course you did. She loves Victorian antiques, flashy jewelry, new furniture, and shoes, shoes, shoes. That's why it makes perfect sense for you to buy her a Atwater Kent 55 enclosed in a Pooley 7500 console cabinet that's missing its grille cloth, hasn't played in 60 years, and looks like a herd of buffalo stampeded over it. Remember when Homer Simpson bought Marge a bowling ball for her birthday that was drilled for his hand, not hers? Danger! This post-purchase story isn't just half-baked, it's never seen the inside of an oven. But the primary objective here isn't to get her to believe the poppycock, just to create a bit of doubt for cover to deflect the full brunt of the storm. Best-case scenario: She buys it hook, line, and sinker, thinks you're so-o-o sweet, and can't wait until you've got the relic fixed up so the two of you can enjoy it as the focal point of the renovated guest room (don't hold your breath). Worst-case scenario: Her BS alarm rings off the wall, and she's even more disgusted because you actually thought she was dumb enough to swallow such a crock. She's miffed and refuses your generous gift. So, to your

great disappointment, you'll just have to keep the radio for yourself.

**AIN'T TOO PROUD TO BEG -**

This is a pretty cool idea, and actually has a good chance of working. Keep in mind this one requires some setup time, so factor that into your schedule and don't plan on using it for those "I gotta have it right now" deals that pop up at the worst times. Here's how it works: Find a radio for sale that you really don't want, but looks like

never tires of but just bores you to tears? "Hi Honey. Tell me all about your shopping. Then let's talk about our relationship, and I can't wait to tell you about my plans for remodeling the bathroom. And it is just me, or does the house need painting?" Pardon, this is Texas-sized pandering, the reason being that even a dreaded restoration project looks better when she views it from Cloud Nine. Realize you're biting off a lot here, and you're going to have to make good on at least some of it. The challenge, guys, as

I'm sure you've already figured out, is to sit still and act genuinely enthusiastic as she explains in excruciating detail how Bon Bon Brothers had pillowcases on sale for 40 percent off that match the bedspread in the guest bedroom, how apricot-scented soap was two-for-one, how she really liked that robin's-egg-blue seashell print wallpaper for the bathroom, but maybe the green aquarium scene would better match the linoleum. Don't drum your fingers, don't roll your eyes, don't sigh and look at your watch, and don't forget to nod your head every few minutes and say, "Oh yes, you're absolutely right, dear. I couldn't agree more." Man, if you can sit through that, you deserve another radio.



something she'd believe that you do want. Take her to see the radio at an NJARC swapmeet or a friend's house and gush about how you really want this model. Do the puppy-dog eyes, the pouty lips, anything in your bag of tricks that's a proven winner. She, of course, opposes the idea, and you're initially crushed, but eventually come around to her way of thinking. Repeat the process every month or two. After a few cycles of dummy requests, she'll eventually begin to feel that you've denied yourself a lot lately, and you're due for a treat. Bingo!

**ROSY-COLORED GLASSES -**

Wouldn't she just freak if you came home from work one night and couldn't wait to talk about all that women's stuff that she

**OK, WE'LL GET NEW CARPET, TOO -**

Ah, the ol' barter system. You scratch my back... No real strategy involved here, just multiplying the cost of your radio times four. Unless you can turn the tables. Has she made a sizable purchase lately? New living room suite? Caribbean Cruise? Pearls? (Vacuum cleaners, microwaves and refrigerators count, too.) Well then, it's only fair that you should get something for yourself too, right?

**HUMANITARIAN OF THE YEAR -**

Allow a few words to be put in your mouth. "Baby, the last thing I wanted to do was buy that old radio. I went to look at it just for the heck of it,

and oh! Honey! If only you could have seen how poor those sellers were! They needed money to pay for grandma's mounting medical bills. She'd been hospitalized a couple of times for, uh... Honey, what's liposuction? The air conditioner in their dog house was on the blink and they hadn't been out for mozzarella sticks in a week! Anyway, Honey, they really needed the money. I'm sure you understand that I just couldn't bear to let their suffering continue." Yep, buying that radio was one heroic act of self-sacrifice. Don't be surprised if they mayor and a film crew from Action News show up to shake your hand. If only everyone could follow your example.

There you have it, gang. Use each strategy only once, and you'll have 10 more additions to your collection! Or combine them for even greater effectiveness. Before long, your basement, garage, living room and bathroom will be overrun with vacuum tube gems. Does life get any better?

Now, if we could just figure out why this country has so many marriage problems...

## WILL THE INTERNET SWALLOW RADIO WHOLE?

*The following is based on the article "The Web Catches and Reshapes Radio" by Clea Simon and appeared in the January 16th edition of the New York Times....Ed.*

A growing number of computer-literate radio fans are logging on, tuning in and dropping out of local radio markets to listen instead to the global offerings popping up around the Internet dial. They can hear international news delivered by the refined voices of the BBC or from a Chinese perspective, courtesy of Joy FM's English-language service out of Beijing. Or, if they simply yearn for a little fantasy travel, they

can eavesdrop on the pop, rock and samba of the Brazilian top-40 station JB, which broadcasts at 97.7 FM out of Rio de Janeiro and at [jb.fm](http://jb.fm) on the Web.

Although Internet, or Web radio's audience is presently relatively small, its potential to change the way we listen is enormous. If at its best, Web radio can deliver better-than-FM audio, and the Internet can offer thousands of choices, then your mouse may soon be an indispensable companion while you prepare dinner or the tool you turn to for truly global news.

Strictly speaking, Web radio is not really radio. The nearly 3,000 stations that broadcast over the Web (growing by nearly 100 every month), have largely adopted the forms of radio, with hosts or disc jockeys announcing programs or leading discussions. Most of the audio comes from established outlets, stations like KCRW in Santa Monica, Calif., or organizations like National Public Radio. And the more than 240 sites that broadcast strictly on the Web - such as Radio SonicNet and Rolling Stone Radio - are usually careful to use the word "radio" in their name.

But radio, our oldest electronic medium at 105 years old, is audio transmitted over the airwaves. Web radio is not; it's a powerful new means of broadcasting audio. Radio, by its nature, is limited by its distance from the transmitter, and by time, since traditional stations present shows in sequence. Web radio is limited by neither. Because of its medium - telephone or cable lines - it does away with the geographic restrictions of radio. And because of the computer's virtually unlimited storage capacity, Web radio can archive nearly any number of programs indefinitely and offer them for access at any time.

Moreover, because the world, not to mention our government, has been unable to agree on how to regulate the Internet, Web radio is exempt from F.C.C. licensing and restrictions. Any hacker is free to set up a guerrilla site, and listeners will be able to tune in from around the world.

Still, most Web radio operates much like traditional radio. A broadcaster creates a show. It could be CBS or some 19-year old who stays up nights writing HTML code. The broadcaster then hooks up with a company that acts as an audio

server, which translates the material for computer use. This translation involves converting the radio signal into a digital one that the computer can understand and then retransmitting, or "streaming" it to on-line users.

Listeners receive these signals through audio player software like RealPlayer or Media Player, which can be downloaded free at most radio Web sites. Like an old-fashioned tube detector, the players grab the signal and reinterpret it as sound. And soon, tuning in Web radio may not even require a computer. With manufacturers under pressure to make the new medium accessible (and universal), they are aiming to make Web radio "wireless" radio. Through Macintosh iBook's wireless Internet connection, called an Air Port, and dozens of similar devices currently under development, and through the increasingly common cable modem hookups, which utilizes existing cable television connections, Web radio is becoming detached from the computer modem.

The ideal is something very like the familiar kitchen or bedside radio, a small, inexpensive receiver that does not have to be directly connected to a modem and that can find a place in any room in the house.

These technological breakthroughs are happening at one of the most vulnerable times in commercial radio's 80-year history. As much as a 13 percent drop-off of listeners since 1990 has been reported, with corporate takeovers homogenizing the medium and offering less creative formats. On the other hand About.com, for example, is the host of weekly discussions and interview programs that invite listener feedback from around the globe. Radio.sonicnet.com allows listeners to design their own "stations," which will play only requested artists or desired song types.

This transition evokes memories of the late 60's and early 70's when FM became popular. Listeners got accustomed to the better sound quality and FM took over, accounting for close to 80 percent of all listening today. Considering the exponentially greater options of the Internet, it might be only a matter of time before Web radio leaves traditional radio in its wake.

In fact, traditional radio's only advantage may lie in its main handicap: its ties



to a specific region or city. While Web radio's global reach is clearly a boon for audiences craving diverse music or for transported sports fans eager for the home team play by play, it does nothing for the vast number of listeners who tune in for useful, local news. That lack is where traditional radio could grow, using the Web's interactivity to increase hometown loyalty through on-line chats with on-air personalities, for example, or by providing links to on-the-spot traffic updates or live video footage.

Technologically, Web radio may be just starting out, but those willing to listen to it may be hearing radio's future.

## TRACE OUT THOSE SIMPLE CIRCUITS AND HEAD OFF COMPLEX PROBLEMS

Edited by Marv Beeferman

The following article is based on "The Mystery of the Burned-out Tube" from Volume 1 of *Sylvania's Radio Circuit Hints*, 1943...Ed.

Restoration and repair of 1.4 volt portables, which could either be operated from a power line or self-contained batteries, provides a good example of how important it is to study or trace out circuit diagrams prior to servicing. Even what appears to be a very simple problem deserving of only a quick fix may turn out to be a real stumper with future headaches in store for the unwary.

Some earlier portables were built like the typical circuit shown in Figure 1. With this type of receiver, if a tube filament opened, approximately 150 volts was ap-

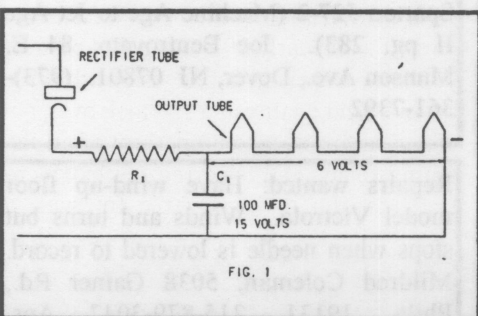


FIG. 1

plied across the electrolytic capacitor since there was no voltage drop across R1. With a 15 volt rating, the capacitor failed - an easy problem to diagnose and repair.

Other receivers, however were built around circuits like that in Figure 2.

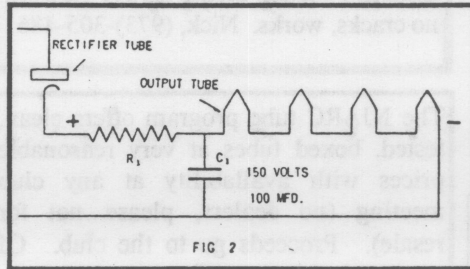


FIG. 2

Here the electrolytic capacitor had a 150 volt rating. Therefore, if the filament of one of the tubes opened, the capacitor had the potential to accumulate a large charge because of its high capacity. Plug the radio in at a future date to see if it works and, with 150 volts across it, the capacitor will charge and hold its charge for quite a while. If the bad tube is now replaced, even if the line cord is pulled, there will be 150 volts across the tube filaments and the inevitable will happen - at least one, and possibly all the tubes will burn out! Therefore, it's imperative that the capacitor be discharged if the radio is plugged in prior to troubleshooting.

It is obvious that neither of these two circuits were very satisfactory as regards to tube safety, since the output tube must always be located at the positive end of the filament string to obtain bias. This means that plate and screen current for that tube must flow through all the other filaments. As a result, the other filaments are overloaded.

Figure 3 shows how later models overcame this defect by providing bleeder resistor R2 to shunt the plate and screen current of the power output tube. As long as the output tube filament remained intact, R2 also acted as a bleeder resistor across C1 to drop the voltage across it to a low value. Thus, if any filament except the output tube filament opened, there would be no burnout when a tube was replaced. If, however, the output tube filament opened up, or if it was removed from its socket with power applied, C1 will be charged at maximum voltage and the replacement tube will be promptly ruined

when inserted.

Most receivers built toward the mid-40s used the fool-proof circuit of Figure 4 where the capacitor always had a bleeder resistor across it.

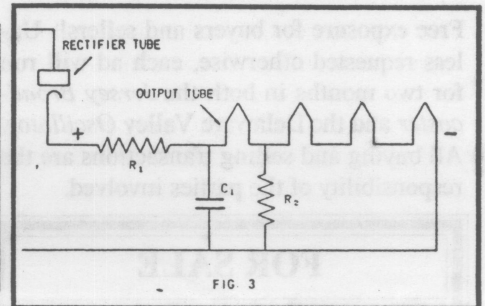


FIG. 3

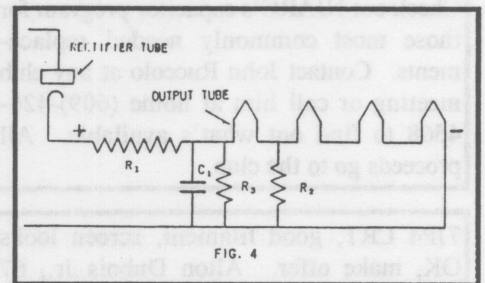


FIG. 4

## RADIO AUCTION

Friday, June 30th  
6:00 pm

(Preview: Thursday, 4-8 pm and Friday after 12)

Dennis Auction Center, Highway 57W, Stewartsville, NJ

Large selection of consoles, table radios, battery sets, HAM gear, test equipment, wood-cased GR lab equipment, parts and tubes. Radios include Atwater Kent, Fada, Philco, Westinghouse, Columaire, Fairbanks-Morse, Zenith, Arvin, Stewart Warner, GE, RCA and others, plus magazines, Riders and other paper.

(908) 859-3424 for info.

www.dennisauction.com

(10% buyers premium applies)

## 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.

7JP4 CRT, good filament, screen looks OK, make offer. Alton Dubois Jr., 67 Peggy Ann Road, Queensbury, NY 12804 (518)-792-3130.

Radio schematics and service data, US and Canadian receivers, 1920s to 1960s. #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, PO Box 387, Ocean Gate, NJ, 08740. Phone: 609-597-2201; [srosenfeld@ems.att](mailto:srosenfeld@ems.att)

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.

Howard W. Sams Photofact Service Manuals, Volumes 1 thru 26, Sets 1 thru 260. \$50 or best offer. Bill Kilmurray, 908-852-3985, [kilm@goes.com](mailto:kilm@goes.com)

Atwater Kent 60 with F-4A speaker; Emerson B5 wooden table model. Gary Gadeo, (908)-654-6109

Emerson catalin model BT245 (green); no cracks, works. Nick, (973)-305-4861

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.

Rider's Perpetual Troubleshooter's Manuals: Vol. 1-5 (2 each), Vol. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, and 22 (1 each). 18 volumes plus Master Rider Indexes. \$650 cash, no shipping (pick up only). Contact Bob at (732)-671-2809

21" Philco Predicta table model. Wood with walnut finish. Includes functional (not original) floor stand. Works, but picture is rough - \$450. RCA Radiola 18 (wooden cabinet is about 30" x 9" x 9"). Includes stand with speaker; works: \$150. Delivery a possibility. Bruce Knapp, Rutherford, NJ; 212-337-0077

Military WWII RAK-7, CND 46155 low freq., 6-band, 15kHz to 600kHz receiver with matching CND 20131 power supply and cable, all in "like new" condition; made by Andrea. \$100 Ray Chase, 1350 Malborough Ave., Plainfield, NJ 07060 (908)-757-9741 [enrpnr@erols.com](mailto:enrpnr@erols.com)

## WANTED

Information on "Lang" radios: literature, pictures, pricing, etc. Charles J Dreitleio, 515 Elizabeth St., New Milford, NJ 07646 (201)-384-3862

Information, circuit diagram, and purpose of the following set: 30-50 MC FM monitor, Knight model KG-220 by Allied Radio, Chicago, service number 8343111-610003-6N. Alton A. Dubois Jr., Peggy Ann Rd., Queensbury, NY 12804

AM-FM-PHONO-AUX selector switch for a Sherwood model S-7650CP stereo receiver. Fred Saul, 610-481-5034 (days).

Gernsback's Official Radio Service Manuals: 5,7,8. RCA Victor Service Data: '47, '48, '49, '51. Mike Tannenbaum, PO Box 386, Ambler PA 19002. (215)-540-8055 Fax (215)-540-8327 or [k2bn@agtannenbaum.com](mailto:k2bn@agtannenbaum.com)

Emerson AU-190 chassis; FADA 659 dial glass; Chelsea ZR-4 audio transformer; Sentinel 400 Television; Plastic CRT cover (front) for 17" Philco Predicta; Pilot TV-37 tuning knob (wood). Frank Johnson, 530 Elford Rd., Fairless Hills, PA 19030-3624. (215)-943-8295

Sales literature, service manuals, and equipment for theatre sound/broadcast use by RCA Photophone, Century Sound, Motiograph, Altec, Western Electric, etc. Theatre catalogs by Jay Emmanuel Publications, Philadelphia. Scott Stillwell, 2328 Cambridge Circle, Hatfield, PA 19440. (215)-393-1833 Pager: (800)-717-9306

Chassis and speaker for Sparton 517B (Machine Age to Jet Age, pg. 187) or Sparton 527-2 (Machine Age to Jet Age II pg. 283). Joe Bentrovato, 84 E. Munson Ave., Dover, NJ 07801. (973)-361-7392

Repairs wanted: Have wind-up floor model Victrola. Winds and turns but stops when needle is lowered to record. Mildred Coleman, 5038 Gainer Rd., Phila. 19131. 215-879-3047 Ans. Machine:215-477-8151