

# The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

September 2011

Volume 17 Issue 9



Reported by  
Marv Beeferman

## The ON-LINE Broadcaster

The New Jersey Broadcaster is now on-line. To date, over 100 of your fellow NJARC members have subscribed, saving the club nearly \$2000 a year and a significant amount of work for your editor. Interested? To subscribe, send your e-mail address to [mbeeferman@verizon.net](mailto:mbeeferman@verizon.net). Be sure to include your full name.

We had a nice turnout of items for our "Radio Scavenger Hunt" at the August meeting. It appears popular enough to permanently place it on the calendar as a yearly event. Instead of individual prizes in each category, we decided to vote on a "people's choice" - well known rapper Dubly Doo, alias Rich Skoba, won hands down for his Cornell-Dubilier advertising piece. I hope I covered all entries in the photos in this month's *Broadcaster*.

It was a great trip to the outskirts of Rochester to attend the AWA 50th annual convention. In attendance were a number of NJARC members as shown by the banquet table photo. Kudos go out to member Bill Zukowski for a well-organized and smoothly conducted auction. With all the complaints of its shortcomings, whether deserved or not, you still have to hand it to the AWA guys for organizing such a large event. If you're a "flea market only" collector, it's probably not for you. But if you're interested in all aspects of the hobby, there's enough to keep you interested throughout the entire event.

One entry in the Old Equipment Con-

test that won the Craftsman Award was a replica of Fessenden's liquid barreter. Because no detailed plans remain, the replica, based on Fessenden's U.S. patent, was more like a working model rather than a look-alike. Interestingly enough, NJARC Technical Coordinator Al Klase played an indirect role in the project:

"I tested my detector with a "Skywaves" crystal set designed by Al Klase and described at the 1999 AWA Conference, and on his web site. I was able to compare the internal 1N34A diode, external galena and perikon detectors and the liquid barretter."



Replica Fessenden liquid barretter tested with a "Skywaves" crystal set.

Remember to keep Saturday, September 10th clear for our annual InfoAge Radio/Electronics auction. As organizer Ray Chase says, "this is a biggie" with over 350 lots of plenty of "good stuff" in all collector categories and is a major fund raiser for the NJARC and InfoAge.

## MEETING NOTICE

The next NJARC meeting will take place on Friday, September 9th at 7:30 PM at Princeton's Bowen Hall (70 Prospect Ave.). Directions may be found at the club's website (<http://www.njarc.org>). We're scheduled for a talk by Dr. Mike Littman on feedback control of electronic devices and mechanical systems. We also may have a discussion on the recent AWA Convention.

We'll be looking for lots of help the day of the auction (runners, clerks, etc.) and the Wednesday prior (setup). Unfortunately, the catalog is too big (9 pages) to be included in the *Broadcaster* but it is available on the NJARC website. You can also ask Ray ([rayradio862@verizon.net](mailto:rayradio862@verizon.net)) to e-mail you a copy.

Keep your calendar also open for **Kutztown XXV** sponsored by the DVHRC (Delaware Valley Historic Radio Club) on September 16-17. This is one of the premier flea market events on the East coast and early table reservations indicate another sellout. To recognize the 25th radio show sponsored by the DVHRC, all dealers and attendees will receive a beer/soda/coffee mug with DVHRC and Renniger's logos. A laminated sheet with helpful radio information will also be given out.

## Upcoming Events

- Sept. 9th: NJARC monthly meeting at Princeton
- Sept. 10th: Major auction at InfoAge
- Sept. 16-17: Kutztown radio meet
- Sept. 24th: Repair Clinic at InfoAge
- Oct. 14th: NJARC monthly meeting at Princeton
- Nov. 11th: NJARC monthly meeting at InfoAge (Member's Auction)
- Nov. 19th: Fall swapmeet at Parsippany
- Dec. 9th: Holiday Party at InfoAge (**Note: Moved to Friday!**)

**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 \$20 per year and meetings are held the second Friday of each month. The Editor or NJARC is not liable for any other use of the contents of this publication.

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## WWII SYMPOSIUM AT INFOAGE

**Reported by**  
**Marv Beeferman**

On August 21st, the 2nd Annual WWII Symposium was held at InfoAge. The Symposium invites those with an interest in the many little known facts and developments that led to ultimate victory to a series of presentations by technical experts and informative displays. Many of these developments were directly and indirectly linked to work at Camp Evans and Fort Monmouth.

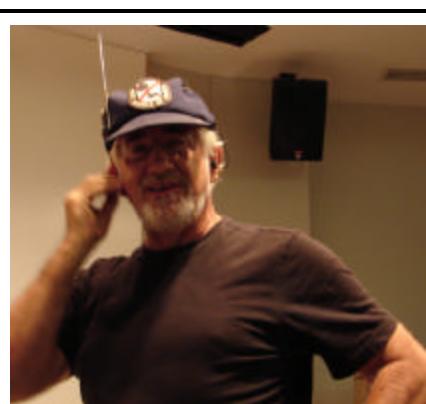
Presentations included topics related to the origins of radar (Ray Chase), Uboat activity off the New Jersey Coast, electronic warfare, tactical communications (Al Klase) and military vehicles. The club's museum, the military communications museum and the electronic warfare museum were open for attendees and dioramas with scale models of men and equipment in realistic WWII scenarios were unveiled by Bob Perricelli. Also included was an outdoor display of vintage WWII vehicles and a display of Norden and Sperry bombsights.

A note of thanks goes out to all club members who helped in supporting InfoAge on its path in becoming New Jersey's official WWII memorial site!



**RADIO SCAVANGER HUNT**

**Bob Bennett:** Made by Brelco, this "Musicana" looks like a radio but is really a 4-tube amplifier.



**Steve Goulart:** In the "wearable radio-related" category, Steve models a "Wide World of Sports" AM-FM hat radio.



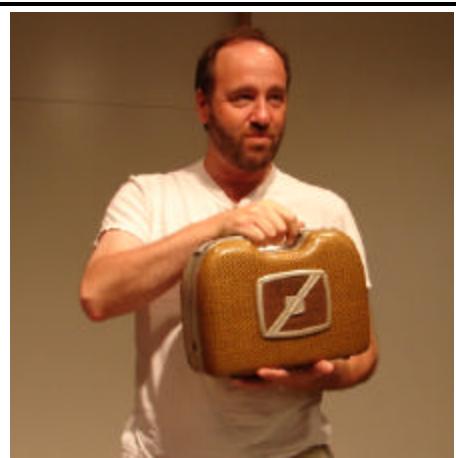
**Darren Hoffman:** Aided by Richard Lee, Darren Hoffman talks about a "HIFI" game which advertised Emerson's radio products and "firsts" like AC/DC radios and midget table models.



**Two additional entries by Darren Hoffman:** A toy music box radio in the shape of a Fada bullet and transistor radio music box that once belonged to Darren. Its replacement was found at a flea market; the original was "cursed" by Darren's dad as the impetus for his present hobby.



**Pete Olin:** Pete's "toilet bowl" radio got some well-deserved laughs.



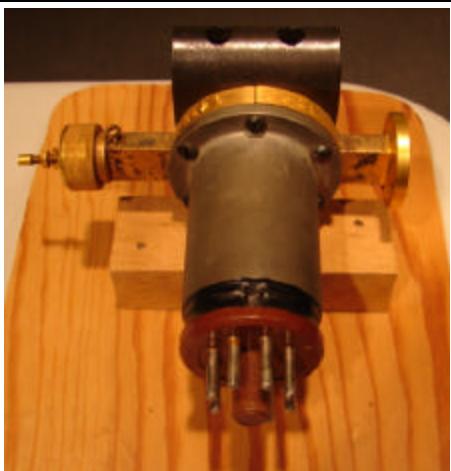
**Sal Brisindi:** Ugliest radio? There's no accounting for taste - some people thought it was quite nice.



**Dr. Mike Littman:** This channel electron multiplier "tube" from EG&G is formed by using resistive layers.



**Ray Chase:** This QK-390 Raytheon magnetron was used in the first commercial microwave oven. It ran at 1500 KW and 2450 MHz.



This low power, Kband 2K33A Klystron, operating between 18-27 GHz, was also entered by Ray Chase.



Dick Hurff: Dick entered two candidates in the strangest tube category. The first is an early RCA UX867 photocell, perhaps for a motion picture sound projector. The second is a QRS "redtop" tube. These tubes were dipped in a clear, red lacquer but it had no effect on operation. The red glow looked great with the tube lit and must have been very impressive to the gullible customer.



This "coffin" radio from the HBO series Six Feet Under was entered in the "unusual novelty radio" category by Steve Goulart.



Marv Beeferman entered this Christmas-themed "retro-music" radio. An AM-FM radio, it also plays recorded tunes from the 50's and 60's while the dancers rotate.



Phil Vourtsis: Phil fabricated club covers in the form of miniature radios for this golf cart radio.



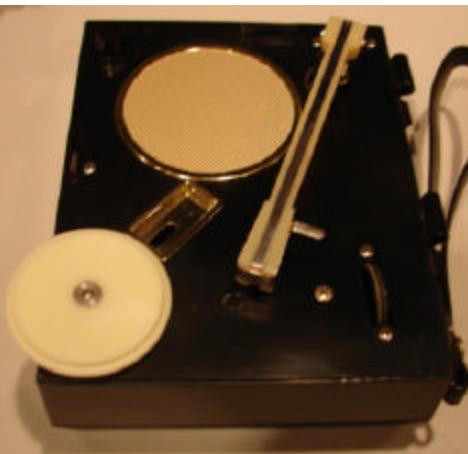
John Ruccolo: This radio network switch is possibly from a New York station based on the call signs on its front.



This Alva F. Allen crystal radio, entered by Dr. Mike Littman, is tuned by spreading or collapsing its coil. It originally sold for \$1.50.



Marv Beeferman: This Commerce "Radiophone" from 1918 was manufactured in Detroit, Michigan.



A miniature replica boom box and Seibu Commodore micro record player entered by Phil Vourtsis in the "smallest item in the shape of a radio/record player" category.



Sal Brisindi entered a Victor phonograph cookie tin.



A neon lamp that glows with the RCA logo was entered by Marv Beeferman.



Rich Skoba: An AT&T "High Seas Radiotelephone Service" table giving channel designations in the California service area. Rich won the "people's choice" award for best rap with his Cornell-Dubilier advertising piece.



## 2011 AWA CONVENTION

**Reported by  
Marv Beeferman**

After quite a few years following my last visit, my return to the AWA (Antique Wireless Association) convention in Henrietta, New York was an enjoyable experience. The Antique Wireless Association is a national organization of some 2,000 members linked by a common interest in the history of electrical and electronic communications. The trip was made all the more pleasant by sharing the ride with NJARC member Dick Hurff and listening to engaging stories of his worldwide travels and collecting interests.

Although rain threatened, it never materialized and excellent weather greeted a declining number of attendees. The flea market was also small with an estimate of

some 80 sellers and 100 spaces; however, Dick and I found some good buys. What I like about the AWA flea market, as say opposed to Kutztown, is that there is more of an abundance of earlier (battery) and uncommon pieces, perhaps aided by the attendance of those old timers who might be thinning out their collections.

In contrast, the auction was large with some 550 lots going up for bid including two small "widow's" estates. The general consensus was that perhaps 25 of these were really "exciting" and that prices were surprisingly low, perhaps reflecting present economic conditions. The highlight of the auction was a Marconi magnetic detector in excellent condition which found a new home in Austria for \$10,000. Dick and I were on the road early Saturday and only one of my bids left with Ray Chase materialized.

Other aspects of the convention that I thoroughly enjoyed was the Book Fair, Old Equipment Contest and forums and lectures.

Keeping paper collectables apart from the flea market, indoors and away from the elements makes the selection process very convenient. I hate to sort through boxes that contain a jumble of books, magazines, catalogs and bulletins. What can I say about the Old Equipment Contest other than "inspiring" with respect to the quality of display and restoration. It is exciting to get that one chance to see items up close and "in the flesh" that only may be available for viewing in a museum or someone's collection.

The forums and lectures were both entertaining and informative, including a late addition talk on a Japanese radio museum and the history of Japanese radio. A standout was the announcement of the discovery of the Codex Lipack, the journal of telegraph and early wireless experimenter David Hughes. The journal was found in an antique store, brought to the U.S. by Hughes' assistant and later used as a scrapbook for newspaper clippings.





# **ANNUAL INFOAGE RADIO ELECTRONICS AUCTION**

**Saturday September 10<sup>th</sup> 2011**

**Huge Radio/Electronics Auction Conducted By The  
New Jersey Antique Radio Club and The Radio Technology Museum  
at the**

**InfoAge Science History Learning Center and Museum  
2201 Marconi Road, Wall, New Jersey 07719**

**All day sale of vintage radios, electronic test equipment, ham gear, audio equipment, marine radios, military electronics and 1000's of vacuum tubes along with related parts & documentation. Large variety of tubes in box lots, groups or singles; many interesting types. Better tubes are pre tested.**

**Over 350 total lots, including many large box lots. Something here for every radio/electronics collector. Stock up for the Kutztown Radio Meet.**

**Auction Begins at 10:00 AM on Saturday  
Viewing is from 8:00 AM to 10:00 AM Day of Sale**

**Sale of artifacts and donations excess to the centers needs. Proceeds to benefit InfoAge, Radio Technology Museum and National Broadcasters Hall of Fame. Auction is indoors with ample seating. Noted radio auctioneer Richard Estes is wielding the auction gavel. Complete auction catalog available two weeks prior to sale. Terms are cash or good check, sorry, we cannot take credit cards. 5% buyers premium is charged.**

**[www.infoage.org](http://www.infoage.org) for directions**

**Auction Information: [raydio862@verizon.net](mailto:raydio862@verizon.net) or 908-757-9741**