



The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

November 2024

Volume 30 Issue 11



The *Jersey Broadcaster* is distributed to members of the New Jersey Antique Radio Club via email as a PDF file. Back issues of many of our newsletters are available on the club's website:

www.njarc.org/broadcaster/

Meeting Notice

Our November meeting will take place on Friday, 11/8 at Bowen Hall in Princeton. The theme will be "Hints & Kinks and Show & Tell." So bring an interesting item from your collection and share it's story with the club, and if you have any restoration tips share those too! We also plan to livestream the meeting on YouTube at youtube.com/user/NJARC. Directions to Bowen Hall can be found on Google Maps (<https://bit.ly/4eBPXeJ>) or What3Words.com: w3w.co/formal.rents.play

Meeting Review

At our October meeting, Mike Molnar talked about "The Invention of a Classic Circuit: Automatic Volume Control." Mike always presents a well-researched, scholarly look at various aspects of radio and television history and this was no exception.

While we did have technical problems that prevented a live webcast of the meeting from being sent out, the meeting was recorded and video will be available along with many other meeting presentations on our YouTube channel <https://bit.ly/3yZ5yoR>.

From the President's Workbench

Greetings Fellow Enthusiasts!

On Saturday evening, October 5th, I attended the InfoAge Wall of Honor Reception in the Marconi Hotel dining room. Traditionally, the NJARC provides the audio system and video coverage of the dinner.



The President's Workbench.

It's an annual "Black Tie" event/fundraiser, to recognize and honor former employees, both military and civilian who worked at Fort Monmouth and Camp Evans (now InfoAge.) The honorees' field of work was principally in Electronic Warfare, from the Vietnam era to Desert Shield/Storm and beyond.

This year there were three recipients of Wall of Honor plaques: Donald P. Clark, who spent most of 30 years at Fort Monmouth responsible for the acquisition, fielding and logistics support of Tactical and Fixed Base Air Traffic Control and Radar Systems to US Army Airfields worldwide; Gary P. Martin was the Program Executive Officer who served as the U.S. Army Command, Control, Communications-Tactical (PEO-C3T) where he led a workforce of more than 1,600 personnel to acquire, field and support the communications networks, radios, satellite systems and computing hardware/software to enable

Calendar of Events

- November 8: NJARC monthly meeting, Princeton**
- November 15: HARPS monthly meeting, Suffern NY
- Nov. 16: NJARC Fall Hamfest/Swapmeet, Parsippany**
- December 14: NJARC Holiday Party, Jackson**
- December 20: HARPS Holiday Party, Suffern NY
- January 10: NJARC monthly meeting, InfoAge**
- February 14: NJARC monthly meeting, Princeton**
- March 14: NJARC monthly meeting, InfoAge**
- March 22: NJARC Spring Swapmeet (preliminary date)

RADIO
New Jersey Antique Radio Club's
Fall Swap Meet and Ham Fest
Parsippany PAL Building
33 Baldwin Road
Parsippany, NJ 07054
Just off Route 46,
Adjacent to Smith Field

Saturday November 16, 2024

Refreshments Available
(40) 8 Foot Tables
\$30.00 for members
\$35.00 for non-members
Reserve Additional tables \$25.00
At the door \$30.00

Open to the Public
8am to 12 noon
Vendor setup at 7:15am
\$7.00 Entrance Fee
Club Donation

For Directions
Visit our website: www.njarc.org
or use your favorite phone app
33 Baldwin Road
Parsippany NJ 07054

Vendors Make Your Reservations Now!
Contacts:
President: Richard Lee (914) 388-3752
Vice President: Paul Moskik (908) 238-3659

See last page for full-sized printable Swapmeet flyer.

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 \$25 per year and meetings are held on the second Friday of each month either at InfoAge or at Princeton University. Neither the editor nor NJARC is liable for any other use of the contents of this publication other than for information.

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President's Workbench

(Continued)

mission command on the battlefield; and Steven Pizzo, who is recognized within the research Army Community as one of the Army's preeminent systems engineers for Special Electronic Mission Aircraft (SEMA) Signals Intelligence (SIGINT) systems and Quick Reaction Capability (QRC) Electronic Warfare (EW) Systems.



InfoAge Col. Mike Ruane starting the ceremony

The Wall of Honor dinner is an "Open Invitation" event with all eleven InfoAge-affiliated organization presidents invited (expected) to attend. Also attending were local politicians and the always-important InfoAge financial benefactors.

As part of the fundraising effort for InfoAge, there were silent auction items on which attendees could bid. There was a large framed print of the White Star Line RMS Titanic, where bidding started at \$80. There was also a very interesting auction of N.J. Paranormal investigation gear, including your very own EMF

President's Workbench
(Continued)

Meter for ghost hunting! Bidding started at \$200.

The sit-down dinner was well served, the food was good and the drinks were better!

– Richard Lee, President, NJARC



Donald P. Clark receiving his award



A view of the well dressed attending donors!



The Sound Man and The Videographer
(Ken White filling in for Dave Sica)

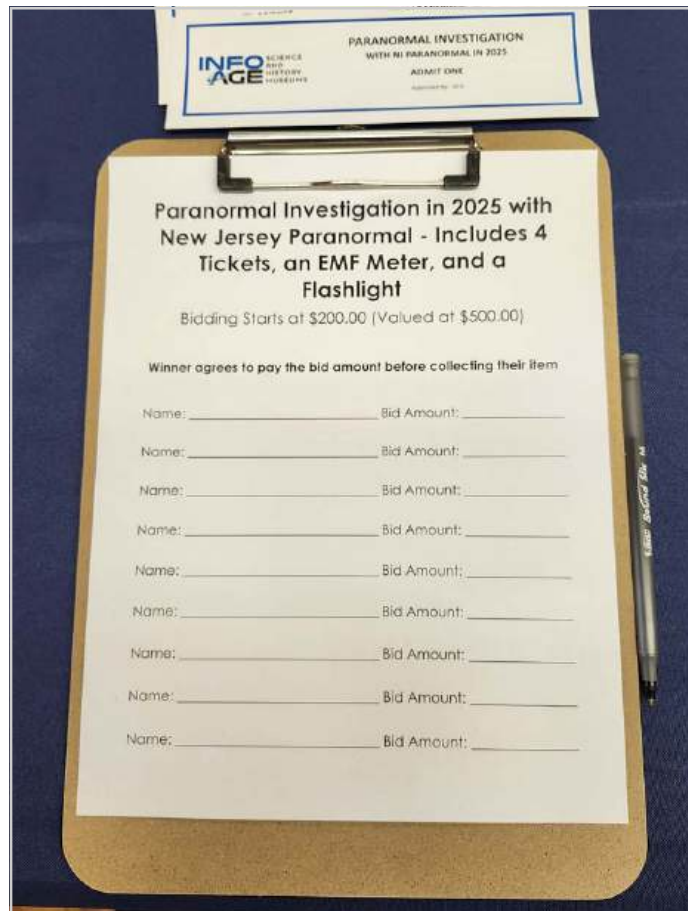


The Titanic print. Starting bid at \$80

President's Workbench
(Continued)



The Paranormal EMF meter & flashlight



New Jersey Paranormal Investigation

Museum Musings

By Ray Chase

Autumn at InfoAge

One does not have to go to the Adirondacks or Berkshires to see the best in autumn foliage. InfoAge has some spectacular leaf displays locally. This tree near the entrance to the Military Vehicle Museum put on quite a show. This picture was taken on Wednesday October 16th and the foliage was already a few days past prime.



Building 9006 Cleanup

Building 9006 or the Powerhouse is one of the original Marconi buildings on the campus. As the name suggests, it supplied all the power for the station in the 1900s but over the years the Army severely modified it. When NJARC started building its museum 25 years ago, we used one room there to store some of our equipment donations, but security and environmental conditions were poor, so we moved several times to other places of storage before finally ending up in building 9036D. We did leave some lesser donations there along with boxes of parts and miscellaneous items.



The Power House (Building 9006)

A few years ago, a bunch of kids got in and trashed the place. We did not lose anything important, but they left a mess. We put off cleaning it out under the pressure of other work but an inspection by the town fire inspector caused us to raise that priority. The town supplied a dumpster and Bob Maddox, Bruce Ingraham and I took a whack at it before I called for some more



The Crew, left to right: Ray Chase, Andy Bodner, Bob Maddox, Steve Rosenfeld, Nicky Rosefeld

volunteer help. On Saturday October 19th Bob Maddox, Steve Rosenfeld, Nicky Rosenfeld, Andy Bodner and I attacked the job and within 4 hours had the place clean. We had to screen the debris for items to save and separate out some electronic parts that could not be put in the dumpster. All in all, a job well done. Thanks to all who participated in this dirty job.

Museum Musings

(Continued)



Building 9006 (before)



Building 9006 (after)

Donations

One of the advantages of having a museum is that we get regular calls from people wanting to donate radio-related items. Much of the time it involves someone who has passed away and the family wants to find a home for some of the deceased person's items. A recent call was from a woman whose father passed away, and she was looking for someplace to donate two radios that he cherished. This woman identified the radios as a Grundig and a Transoceanic and she



was also nice enough to send pictures. However, she was in Bergen County, a good 75 miles from RTM but said she would deliver the radios while making a planned trip to D.C. Coordinating the delivery got mixed up in communications, but one Wednesday she appeared unannounced at the museum. The radios were in very good condition, and we seldom get such good cooperation from donors that we took her picture with the radios. They turned out to be very nice radios.

Much of the time it is difficult to get information on what the donor has and its condition. While some will bring the items to us, often we must pick them up and about half of the time we turn down the donation as surplus to our needs or poor condition.

Museum Musings (Continued)

A New Communications Display

A new device consisting of a large PC board with LED lights and some software allows one to keep track of every NYC subway train in real time. We have installed one of these alongside the virtual aircraft tracking display to show how modern communication systems know where every local aircraft is in flight and where every NYC subway train in service is located. To make the display more relevant, a larger paper map of the NYC subway system is part of the display making the layout of the system more relatable. Stop by and see it sometime.



A lot of volunteer effort goes to making our museum the star attraction on the InfoAge campus. Of course, I'm a bit biased on this subject but our guest feedback sustains that opinion.

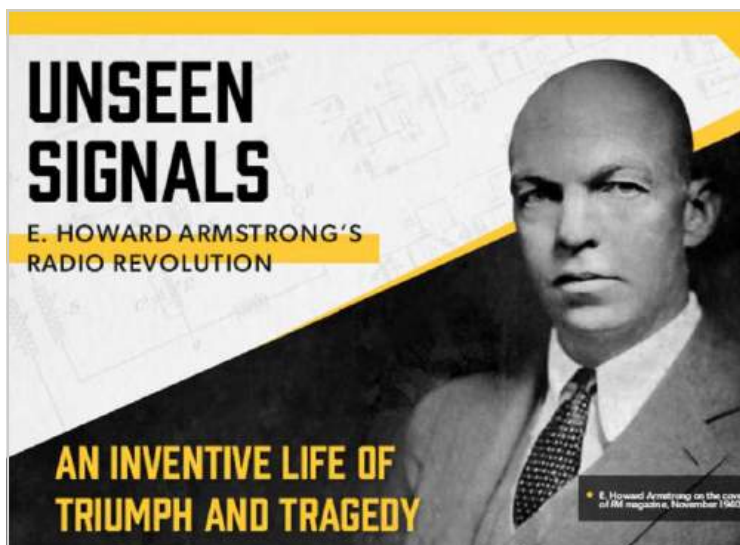
Tube Manuals By Ed Papsen KC2QBK

I have been saving old & unusual tube manual PDF files for some time. I've shared my collection with the club at <https://www.njarc.org/manuals/>

There's a lot of useful and unusual information in them. I am a tube tinkerer and these manuals have always been a help with my projects. I hope you also find them useful.

IEEE Global Museum's Traveling Exhibit

By Al Klase N3FRQ



Friday November 1st, 6-8pm

At the National Museum of Industrial History

A Smithsonian Affiliate

602 East 2nd Street

Bethlehem, PA 18015

<https://www.nmih.org/>



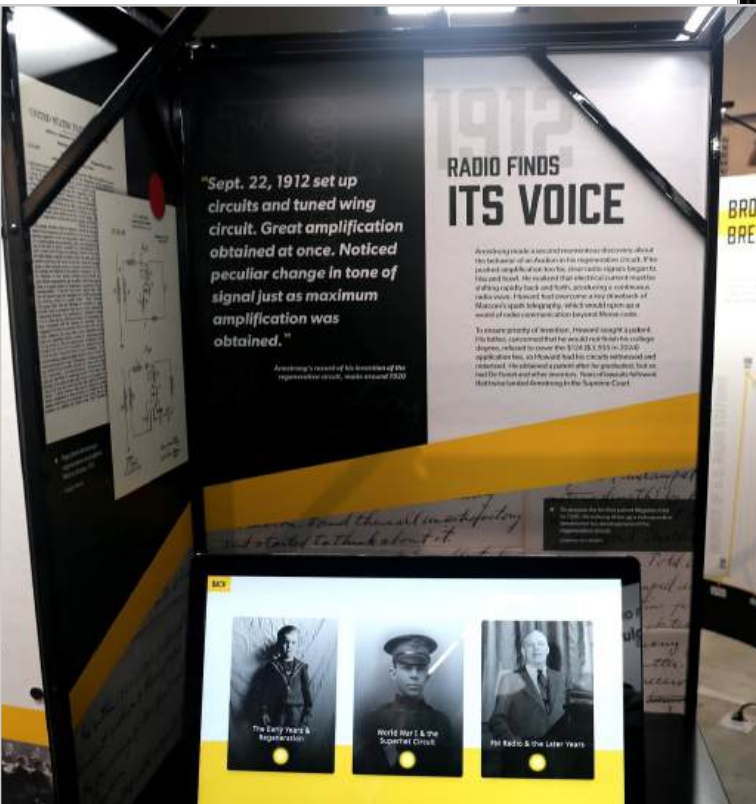
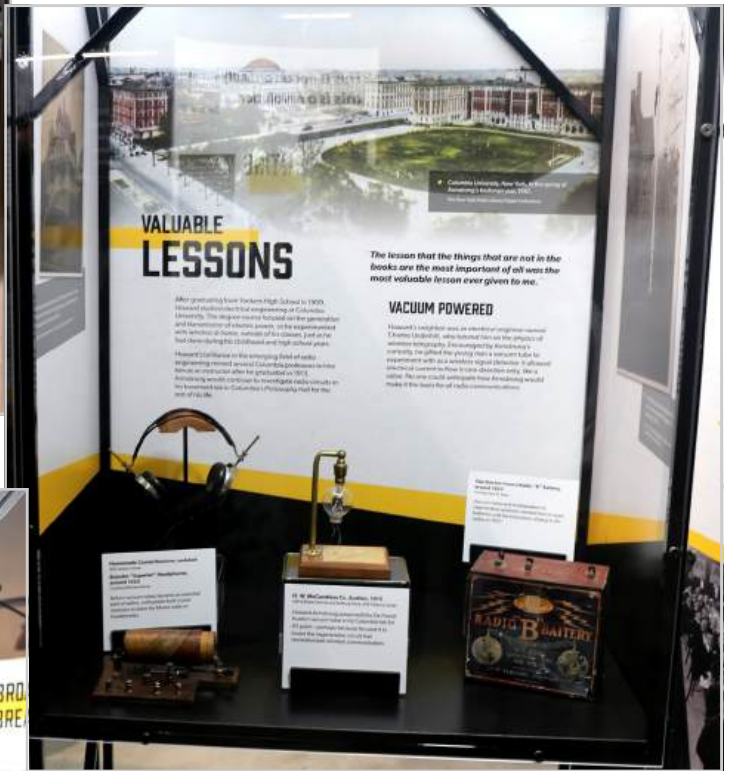
The National Museum of Industrial History

Exhibit will run until 1 April 2025.

Dr. Daniel Jon Mitchell Exhibit Co-Curator and Senior Historian, IEEE History Center opens the exhibit. (Look for the black scale model of Armstrong's top Alpine tower model!)

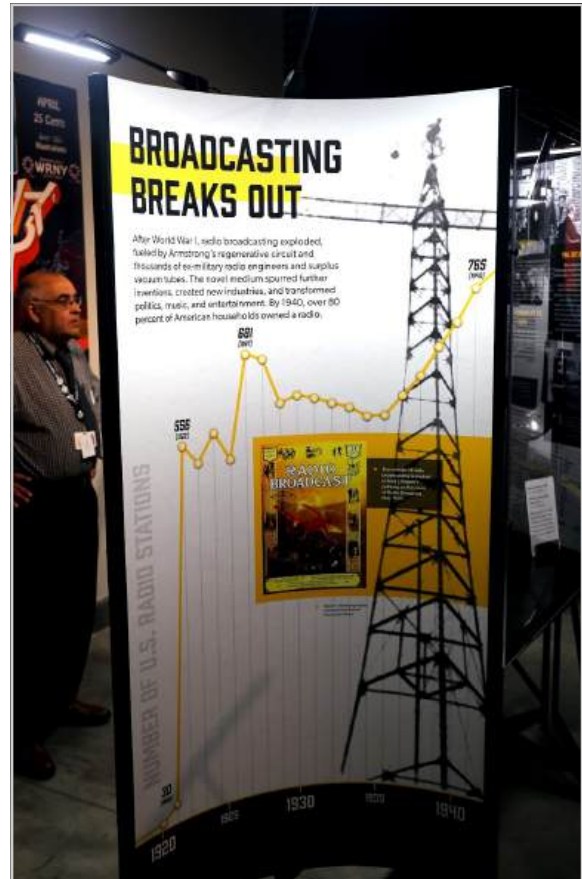
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IEEE Global Museum's Traveling Exhibit (Continued)



Armstrong During WWII

IEEE Global Museum's Traveling Exhibit (Continued)



NJARC Member Mike Molnar loaned his Armstrong Superheterodyne prototype

Broadcasting Becomes Big Business



IEEE Global Museum's Traveling Exhibit (Continued)

"The elimination of static... is a terrific problem. It is the only one I ever encountered that, approached from any direction, always seems to be a stone wall."

– E. Howard Armstrong, 1922

A large blank wall carries this message



A Large Model of the Alpine W2XMN FM tower greets visitors



Signage and artifacts are supplemented with touch-screen video displays

IEEE Global Museum's Traveling Exhibit (Continued)



Al Klase's video demonstration of the Armstrong regenerative receiver at the [Radio Technology Museum](#)



Adam Brecht, an Armstrong relative, helped secure an Audion tube from Howard's lab



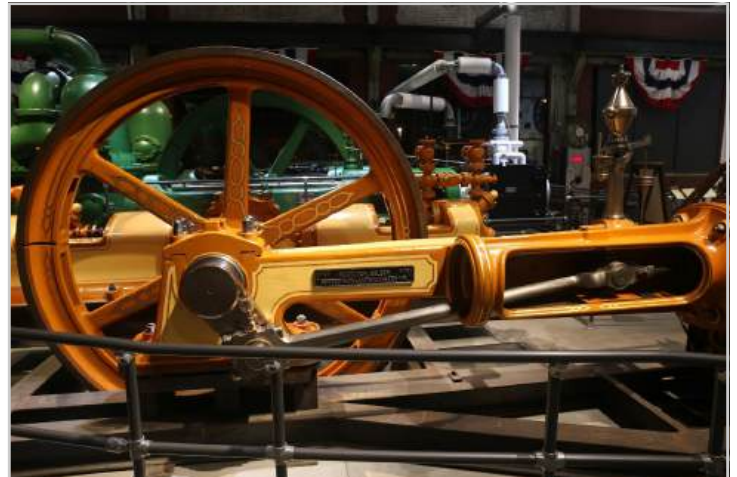
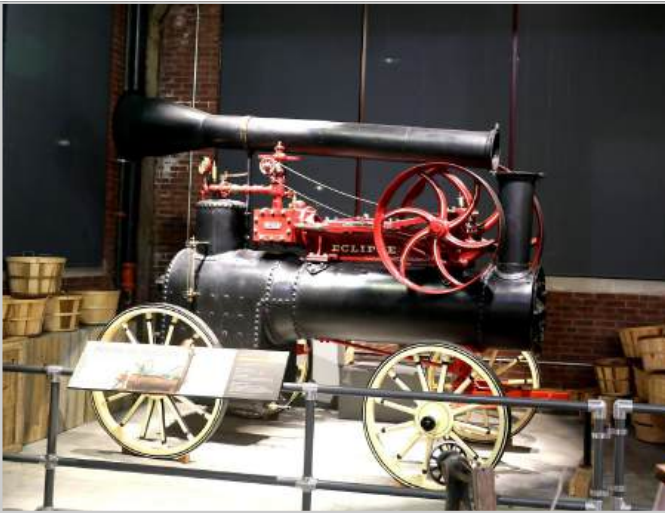
How big was it, Alex?
Alexander Magoun, Outreach/Public Historian at IEEE History Center with NMIH board member and IEEE Senior member Todd Bessemer

A proper radio history exhibit features period recordings, however mediated they are by analog and digital conversions. Besides the clip of Al Klase's playback of "The Charleston" through a regenerative radio and horn loudspeaker at "Unseen Signals," you can also listen to clips from the earliest preserved AM and FM radio broadcasts. That is, one of Charles Apgar's 1915 cylinder recordings of Morse code transmissions from the Sayville, Long Island station, recently digitized by the Antique Wireless Association--and, even more uniquely, Armstrong's demonstration of FM and AM broadcasting to the Institute of Radio Engineers meeting in November 1935, digitized exclusively for the exhibit by Columbia University's Rare Books and Special Collections.

Listen to Apgar's 1915 cylinder recordings: <https://bit.ly/3YS8i1F>

IEEE Global Museum's Traveling Exhibit
(Continued)

Permanent Museum Displays





New Jersey Antique Radio Club's

Fall Swap Meet and Ham Fest



Parsippany PAL Building

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Parsippany, NJ 07054

Just off Route 46,

Adjacent to Smith Field



Saturday November 16, 2024



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or use your favorite phone app

33 Baldwin Road

Parsippany NJ 07054

Vendors Make Your Reservations Now!

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