



ARCI NEWS

www.antique-radios.org

Affiliated AWA
Antique Wireless Association 

Volume 34, Issue 6
December 2014



OPERATING FOUR POWERFUL WIRELESS STATIONS FROM WASHINGTON, D. C.—[See page 370]

**SENDING YOU ALL BEST WISHES
FOR THE HOLIDAYS!!!**

(Illustration Courtesy Scientific American, April 12, 1919)

UPCOMING INDOOR MEET DECEMBER 7, 2014

AMERICAN LEGION HALL
570 South Gary Avenue, Carol Stream, IL

DECEMBER 7, 2014
7AM – 11AM

Peoples' Choice Contest: Awards For 1st, 2nd, 3rd Place
Donation Auction
BUSINESS MEETING

Boy Scout Pancake Breakfast / Free Coffee, Juice & Cookies
50/50 Cash Drawing Raffle



2015 ARCI MEET SCHEDULE

February 8, 2015	7AM-9:30AM Indoor Swap Meet People's Choice Contest, Officers' Meeting 9AM	American Legion Hall Carol Stream, IL (See Map)
April 19, 2015	7AM-11AM Outdoor Swap Meet Inside Business Meeting 9:30AM	American Legion Hall Carol Stream, IL (See Map)
June 21, 2015	Outdoor - Gates Open 7AM Combined Meet With 6-Meter Club of Chicago	DuPage County Fairgrounds Wheaton, IL (See Advance Ticket Form & Map)
1st Weekend in August 2015 TBD	RADIOFEST	The Willowbrook Inn Willowbrook, IL
October 4, 2015	7AM-11AM Outdoor Swap Meet Business Mtg./Officer Election 10AM	American Legion Hall Carol Stream, IL (See Map)
December 6, 2015	7AM-11AM Indoor Swap Meet Business Meeting 10AM	American Legion Hall Carol Stream, IL (See Map)

PRESIDENT'S MESSAGE

Warmest Holiday Greetings from your new ARCI President! First, I would like to express my sincerest thanks to all the ARCI club officers, board members, and other October meeting attendees who have placed their confidence in me to lead our great club, going forward. It is an honor to serve in this position and I pledge to do my best to build on all the hard work by Olin and all the other generous volunteers, past and present, who have helped make our club as good as it is. There will be challenges ahead, for sure. But, I am also confident that the strong foundation our club has built over the years will serve us well in the future.

A little background: I began my lifelong career in consumer electronics at the tender age of 16 with a summer job as an apprentice for a radio/tv repair shop in the tiny town of Cheswold, Delaware. Here I learned the “ins and outs” of radio and television repair: both tube and transistor. That experience helped me work my way through college as a TV repairman, and later on as a bench technician at a local Musicraft audio store. My first full time job after college was with Audio Consultants in Evanston, Ill., where I quickly graduated to service manager. The corporate world came calling in the late 1970s, and Sony hired me as a regional technical representative for their audio division. This was followed by 8 years at Bang & Olufsen as their national technical manager. Between 1994 and 2013 I ran my own business, importing, selling, and distributing loudspeakers from SEAS of Norway. Now, I am “semi-retired” but busier than ever with my own small repair service, specializing in the restoration of German made radios and stereos.

But, that’s enough about me. What is really important in my new role as ARCI president is to hear from YOU. As has been said many times before: ARCI is Your Club! Your participation is important and so are your ideas. We are already well into the process of planning our next premier event: *Radiofest 2015*. It is an involved and detailed process that requires many important decisions. I welcome all ideas and suggestions to make this great meet even better. If you can attend our business meeting following the December meet, this gives you a great opportunity to bring forth your ideas and to discuss them with other members. If not, then please don’t hesitate to send us your comments through our general club e-mail: clubinfo@antique-radios.org. Or, if you wish to contact me directly, you can do so at: arcipresident@comcast.net. I can’t promise to fulfill every request or suggestion, but I do promise to always answer your email and offer my comments.

I also hope to see all of you at our next meet on December 7th! Our December meet has become one of our most popular, with great items for sale, and lots of good cheer among the attendees. So, if you haven’t attended in a while, please put this one on your calendar. I’ll be the guy with the tired eyes, the badly combed hair, and the name tag on my jacket.

See You At The Next Meet
JOHN STONE
ARCI PRESIDENT



ARCI

MEMBERSHIP RENEWALS



PLEASE CIRCLE YOUR MEMBERSHIP:

<i>Membership Option</i>	<i>Dues</i>	<i>Benefits</i>
Annual Membership	\$ 20	Full benefits: <i>ARCI News</i> subscription, Fee Discounts At Events, Seller Privileges at ARCI Events.
Spousal Annual Membership	\$ 10	Discounts at Events.
Student Annual Membership	\$ 5	Must Be 18 or Under, Full Benefits.
Lifetime Membership	\$ 340	Full Membership Benefits For Life (non-transferable).

MAKE YOUR CHECK PAYABLE TO ARCI AND SEND TO:

Antique Radio Club of Illinois
P.O. Box 1139
LaGrange Park, Illinois 60526

EMAIL DELIVERY OF ARCI NEWS? YES or NO (circle one)

PRINT DELIVERY OF ARCI NEWS? YES or NO (circle one)

Name: _____

Spouse: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: _____ Application Date: _____

Email: _____

Emergency Contact Name: _____ Phone: _____

ARCI UPDATE

The President's Column -- All The News That's Fit To Print

OFFICERS FOR 2015

ARCI held its annual meeting and officer elections in October. The following people were elected to serve another year by all present. Thanks to all to attended. Congratulations and thank you for your service to ARCI.

Board of Directors

Dr. Barry Janov, Chairman
Jeff Aulik
David Bart
Art Bilski
Harry Blesy
Tom Kleinschmidt
Steve Muchow, Advisor
Robert Piekarz
Olin Shuler

Officers

John Stone, President
Jim Novak, Vice President
Keith Schreiter, Secretary/Membership
Rudy Hecker, Treasurer

VOLUNTEERS FOR 2015

ARCI has been fortunate to have a great team of volunteers over the years who have faithfully and generously served the club. They deserve your thanks and recognition for all the support they provided. Remember, ARCI is your club and we need your help too! As we all pitch-in, the club will continue to improve for everyone's benefit. Please talk with one of the officers, Board Members or current volunteers for more information on how you can lend a hand.

This year we have a special need to fill the Hospitality volunteer position left vacant after the loss of Janet LaVelle, our beloved Cookie Lady. For now, Olin Shuler and Jack LaVelle are coordinating to cover these functions. However, we do need a new permanent volunteer to handle this activity. A key requirement is that you will be able to attend the majority of our meets. You will walk the show, sell raffle tickets, and generally spread good cheer. A friendly disposition and a gift for gab are both pluses. You can make this position special, by adding your own personal ideas for hospitality and fun. If interested, please contact John Stone at arcipresident@comcast.net.

ARCI looks forward to working with the following during the upcoming year.

Greg Hunolt, *Radiofest* Auction Coordinator

Jim Novak, KC9IPB Ham Radio Station

Ed & Judy Huether, *Radiofest* Coordinators

Rudy Hecker, Signage, People's Choice Contest

Art Bilski, Public Relations

Marv Worst, Audio Visual Productions, *Radiofest* AV

Karl Johnson & Pete Nauseda, Parking & Information

Jim Sargent, *Radiofest* Auctioneer

Tom Kleinschmidt, Donation Auction

Olin Shuler and Jack Lavelle, Hospitality

Jim Rajkovic, Webmaster

Cindy Fudge, *ARCI Newsletter* Publisher

Julia Bart, Registration and *ARCI Newsletter* Editor

Elaine Hecker, Registration

YEAR END 2014 ANNUAL REPORT

By Olin Shuler, Departing ARCI President

2014 ANNUAL REPORT

Reviewing the results of ARCI activities for 2014, I believe we have fulfilled our mission by providing a means to enjoy the various categories of interest that are part of our hobby. From the bi-monthly Sunday morning meetings, to *ARCI News*, and *Radiofest*, we provide activities that interest the historian, technical restorer, trader, casual collector and newcomer. These activities linger in our minds as pleasant memories. (Wind, cloudbursts, and high 90 degree temperatures excluded!)

This year, as in the past, at the close of *Radiofest*, members remarked to me “This was one of the best *Radiofests* ever! – Keep up the good work”. I pass that message on to each and every one of our volunteers who helped make it happen. ARCI extends its thanks to our “Member Sponsors” who donated close to \$1000 in cash and in-kind costs paid toward the *Radiofest* 2014 expenses.

Our Sunday morning meetings have a character all their own. In warm weather morning sunshine, we have enough tables and open tailgates to rival many hamfests I visit around the midwest. In winter, the murmur (din) in the American Legion Hall, is interspersed with PA announcements, overheard technical phrases in conversation, and the smell of coffee and bacon on the grill for breakfast. Is that gracious living, or what?



Our most important focus has been on providing a pleasant experience for our members. In reality we are mainly “radio-folks” in the entertainment business. And, it was the business end of ARCI that now commands the attention of the Officers and Board Members. This was the first year we operated without our “College Kids Crew” to assist in the heavy lifting. In early July we found our economical source of AV equipment, Ron Steinberg, would not be available as in the past. A new source had to be found -- quickly, but at an increased price. We also learned that our source of low cost *Radiofest* brochure materials printing, while OK this year, will not be available in 2015. When all *Radiofest* bills were paid, we showed enough of a loss to be concerned about future planning. No, it is not a financial collapse, and we are not about to go bankrupt!! The leadership team recognizes the items to be addressed and plans for 2015 include financial recovery, while retaining the things that make ARCI and *Radiofest* great. Yes, planning for *Radiofest* 2015 is under way.

It has been more than a pleasure (sheer joy) to serve as ARCI President for the past 4 years. Not many organizations have the depth of skill, dedication, energy, and friendship that I find here. My efforts for the organization have been rewarded many times over by relationships with the great people I have met and had the pleasure of working alongside. As I hand over the president’s gavel to John Stone, I must say: “ARCI is a great organization. Take good care of her.”

HISTORY CORNER

An Occasional Column About Topics OF Historical Interest

By Olin Shuler

Ex-officio National Barn Dance Fan

NEW DVD REVIEW:

HAYLOFT GANG – *The Story of the National Barn Dance*

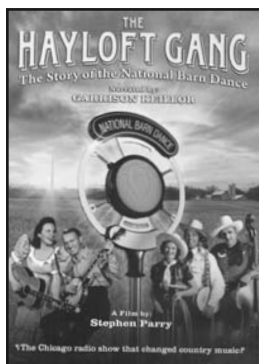
A copy of the newly released DVD, “The Hayloft Gang – The Story of The National Barn Dance” was forwarded to me by its’ Producer and Director Steven Parry for a review to be published in the Antique Radio Club of Illinois newsletter, ARCI NEWS. Reviewed in one sentence: “It was a nostalgic, authentic, delightful treat, revisiting pleasures long forgotten.”

As a country kid, who grew up in a really small town in central Illinois, I can safely say that I actually was “Raised on Radio”. My parents and our neighbors were WLS listeners. When I was about 5, I remember neighbor ladies, Della and Emmy, talking about “listening to Sears” in the morning to hear Smile-a-While-Time. Mother assured me they were not listening to a catalog, my then present understanding of the word “Sears”. In the 1930s and early 1940s we listened to The Barn Dance on Saturday nights and to many of the same performers doing shows of their own every morning until about 9:00 AM, when the soap-operas began. My clear recollections begin in late 1935, and continue most vividly into the mid 1940s.

When I first met Steven Parry about 3 years ago I was quite enthused and happy someone was taking on such a project. My next thought was “Oh, I hope he can find enough authentic material to make it a credit to it’ performers and show it as a down to earth homefolks show filled with fun and music.” I had seen the content of more than one so-called historical documentary twisted and bent to suit someone’s pre-conceived template story-line, destroying a good part of its’ artistic and historic value. I was most pleased to find that was not the case. Steve did it right!

The opening minutes tell the story of the Sears-Roebuck days of WLS and The Barn Dance. That goes back seven years before I was born and caused me do re-read my copy of the 1969 book *The Prairie Farmer and WLS* written by James F. Evans, U of I Press, and understand the guidance that came from *Prairie Farmer* magazine executive Burridge D. Butler. He set the standard.





The video clips from the period are great, accurately presenting images of the clothing, furniture, street scenes and radio equipment of the times. A well scripted narration by Garrison Keillor accurately presents the story. I was interested to learn about the contributions made by a key behind-the-scenes gentleman, John Lair. I recall his later workings with his own show Renfro Valley Gatherin' on NBC and later syndicated. John Lair wrote my mother's favorite song: Take Me Back To Renfro Valley. And Arkee, The Arkansas Woodchopper, was her favorite Barn Dance singer. As a youngster I tolerated Little Georgie Goble, but realized 20 years later that he had managed to pre-sell himself to me.

When he emerged as a comedian and TV personality, I was a number one fan. "—and you can't hardly get them any more."

The narration describes the outlook of many rural folks, versus city life in the 1930s. In the early years of grade school, at the bottom of the depression I saw big city life in visits to St Louis and environs. I was convinced that we in the country, living largely self sufficient lives with home sewn curtains, bedding, dresses and shirts, gardens, chickens, live stock and wild game harvested with a .22 single shot rifle, definitely had a better time of it. Years later, a country song would carry a paraphrased line that matched my youthful opinion of urban life: "Livin' like a duck in a pen."

I guess my first real attraction to The Barn Dance was the voice of Joe Kelly, the emcee. Joe also did a before-school children's program each morning: Jolly Joe and His Pet Pals. I was a regular listener. An earlier article in ARCI News describes it in detail. Hearing his voice on Saturday night, I knew something good was about to happen.

As a kid, I loved the antics of the Hoosier Hot Shots. As an adult I couldn't rest until I found a CD compilation set of all of their recorded works. Contained are a few special favorites that are still fun to hear; From The Indies To The Andes In His Undies – (It was a very daring thing to do!) and When The Lightnin' Struck The Cook Crick Party Line, also Meet Me By The Ice House Lizzy Other favorite performers included Uncle Ezra, Pat Buttram, and Red Foley.

Watching video clips of the performers was a real treat. Through the early radio years, the performers were all unseen voices. Newspaper pictures and booklets like the WLS Family Album gave us only a hint of their appearance. The clip of Grace Wilson singing was a real surprise. As a pre-teens kid listening to her on the Barn Dance, I had not yet learned to appreciate her ability to take the charge on stage and really belt out a song. Wow!

I recall hearing Patsy Montana sing her signature song I Want To Be A Cowboy's Sweetheart, many times on The Barn Dance and of course elsewhere on the radio. And, true to form, many of the high school talent shows in our area had girls wearing cowboy boots, singing Patsy's song, (or perhaps Judy Garland's Over The Rainbow). The narration referencing Patsy's image versus the feminism of the time brought a smile, recalling that most of the farm girls I knew in my school classes could ride horses and chase errant live stock pretty well – "Nothing very unusual about that", I thought.

Of course, Lulu Belle and Scotty were everyone's favorites; great fun to hear on the Barn Dance. Their popularity carried over into network and syndicated programs I heard elsewhere in the 1950s. I nodded my head in agreement as the narration described the declining days of the Barn Dance. I too had wandered away and generally listened to the *Grand Ole Opry* on Saturday night. Radio propagation "skip" in central Illinois favored WSM on many nights for signal strength on the car radio. As the DVD story closed and the credits rolled with Lulu Belle & Scotty doing the song *Honey-Babe* I sat, and remembered. Depression, war and all, - still it was a great time.

I closed out the DVD on the laptop, and with a few keystrokes up came the internet streaming of the live Saturday night *Grand Ole Opry* broadcast. Late in the evening, the last act was on, a very energetic country group on tour from Ireland. And what were they playing? *Honey-Babe!* -- In traditional style. Truly, good things will continue to find their proper place! I pushed back from my desk, stepped into the hallway, almost expecting to see the ghost of Rod Serling (of the old TV show *Twilight Zone*) standing there, holding a cigarette, assertively saying, "Consider this---". Thank you Steven Parry. Nice job!

To obtain your copy of *The Hayloft Gang* DVD visit www.hayloftgang.com.

Contact: Stephen Parry; Producer: The Hayloft Gang; 312-587-8700 x 223; stepve@image-base.com; www.hayloftgang.com.

COLLECTOR'S CORNER

An Occasional Column on Topics of Interest
By Tom Kleinschmidt

A TREASURE FROM THE DONATION AUCTION



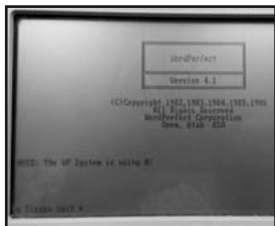
Toshiba T1100 Open For Use Showing FG



Open View



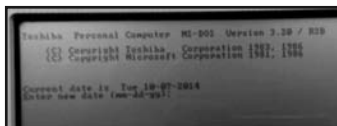
Rear View Showing Connections



Old Style Wordperfect Screen



Old Style Directory Screen



Old Style DOS Screen



Contrast Control



Input/Output IO Connections



Travelling Case



The PC Fits Snuggly n Its Case



Case Logo

At most every ARCI meet we conduct a donation auction. Members donate items that they no longer want, the proceeds of the auction benefit you the club members by covering some of the meet costs. Typically ARCI realizes \$100 to \$200 at local meets and \$800 to \$1000 at *Radiofest*. At *Radiofest* there is the added feature of flea-market sales of donated items on Friday and the auction on Saturday. The flea-market format suits some buyers and the auction others while most participate in both. This scheme has been in place for many years as the threat of rain (and real downpours) would destroy many useful items. The flea-market session also helps in managing the inventory.

The team of us doing our shtick for the good of your wallet includes:

- Jim Novak – encyclopedic technology historian providing “color commentary” and backup auctioneer
- Rudy Hecker – ARCI treasurer and cashier
- Tom Kleinschmidt – bad joke maker and auctioneer.

As many of you are aware, there are often items left unsold after the auction. The remains are usually picked over with some that don’t find a new home. By Illinois law electronics must be recycled properly and can no longer be thrown away to face their final resting place in a landfill. Our refuse provider at *Radiofest* handles that recycling. At the local meets a club member does.

It was Sunday October 5, I was on day watch in the Donation Auction Division, it was time to deal with the leftover items; Cardboard went into the American Legion Hall’s recycling dumpster. Two light fixtures were donated to Savers resale shop; it is on my way home from the meet. What remained were a Sony U-MATIC / BETA remote control, and a Toshiba laptop computer.

Now for the treasure – took long enough, huh? The Toshiba laptop was viewed as just another obsolete personal computer and was ignored. This one is a bit special, it is a model T1100 Plus, the revised version of the T1100 described by Toshiba as “*the world’s first mass-market laptop computer*”.¹ Built circa 1986, it features: Microsoft DOS operating system version 3.20, 2) 3.5” floppy drives (no hard drive), 256k memory upgraded to 640k (not Megabyte not Gigabyte not terabyte but Kilobyte), an 80C86 microprocessor and monochrome LCD screen. Original list price was \$18991. The computer screen has a contrast control – yes a real potentiometer - so the image light to dark ratio can be adjusted and the text displayed is seen by us mere mortals.

Upon arriving home I plugged in the charger to the computer. Turning it *on* with the slide switch on the back yielded nothing. I set it back to the *off* position. The glimmer of hope was there - the *charger connected* and *low battery* LEDs were on! A few minutes later I flipped the “on” switch again. The screen lit! LEDs flickered as it polled the floppy drives one at a time looking for a disc. I adjusted the contrast control so I could read the text. It needed its DOS disc and “asked” for it!

There are 4 discs in its original carrying case. Two are blank and two are marked *Word Perfect* – both basically the same as it turns out (primary and backup disc – still a good idea!). The *Word Perfect* disc contained not only *Word Perfect* but the DOS operating system. Upon inserting the disk in the “A” drive and pressing <ENTER> the Toshiba tested its memory, gave the version of DOS on the disc and asked if I wanted to reset the Date and Time. After that, it displayed the well known DOS command prompt: A>. It was asking me what I wanted retrieved from the “A” floppy disk. This is text based computing, no stink’n mouse or touch pad on this computer!

I messed around and found I could get a listing of the *directory* (files on the disc) using commands A> dir and A>dir/w (list format vs. wide format on the screen) followed by pressing the <ENTER> key. I also start up *Word Perfect* by entering A>wp, read the version of DOS software by entering A>command and the tutorial for *Word Perfect* by entering A>learn. Looking up additional DOS commands via Google on an Android tablet yielded little else that worked as the DOS listing I quickly found was for DOS 6.0. In the 3.20 version even A>help didn’t exist yet! The word processor works just fine too.

In addition to this 28 year old computer willing and able to serve while on the charger, the overnight charge did the trick for battery only operation too! A number of people have gone down memory lane on battery power only and it is still going strong as of this writing two days after charging it. Amazing durability!

An engineer colleague got really jazzed by the little Toshiba. It has been given to him and it is now has a good home. Just like old radios, preserving technology and technology history sometimes takes a winding path. Instead of recycling the Toshiba and loosing this early example forever – it has been “adopted”.

At the next ARCI meet please join Jim, Rudy and me at the donation auction. There are treasures waiting to be found.

References: See http://en.wikipedia.org/wiki/Toshiba_T1100.

COLLECTOR'S CORNER

An Occasional Column About Collecting Topics

By David Bart

NEW ANT-SIZED RADIOS AVAILABLE

For those planning ahead as you run out of space for your collection, take note of the following information about new, ant sized radios.

Engineers at Stanford University have developed a tiny radio that's about as big as an ant and that's cheap and small enough that it could help realize the "Internet of things"—the world of everyday objects that send and receive data via the Internet.

The radio is built on a piece of silicon measuring just a few millimeters on each side. Several tens of them can fit on the top of a U.S. penny, and the radio itself is expected to cost only a few pennies to manufacture in mass quantities.

How did they achieve this? No batteries, says *PC World*. The power requirements of these radios are so little that they can harvest the energy that they need from nearby radio fields, such as a reader device when it's brought nearby. *PC World* writes:

RFID tags and contactless smartcards can get their power the same way, drawing energy from a radio source, but Stanford's radio has more processing power than those simpler devices, a university representative said. That means it could query a sensor for its data, for instance, and transmit it when required.



Silicon Radios. Courtesy Amin Arbabian/Stanford University.

The device operates in the 24GHz and 60GHz bands, suitable for communications over a few tens of centimeters.

Engineers envisage a day when trillions of objects are connected via tiny radios to the Internet. Data from the devices is expected to help realize smarter and more energy-efficient homes, although quite how it will all work is yet to be figured out. Radios like the one from Stanford should help greatly expand the number

of devices that can collect and share data.

The radio was demonstrated by Amin Arbabian, an assistant professor of electrical engineering at Stanford and one of the developers of the device, at the recent VLSI Technology and Circuits Symposium in Hawaii.

Imagine tens of thousands of these little devices embedded in everyday things around you, swapping data among themselves.

The future is here...Almost.

Sources:

- Stanford researchers develop ant-sized radio. *PC World*. Martyn Williams. September 11, 2014.
- These Ant-Sized Radios Might Power The Internet of Things. *Gizmodo: The Internet of Things*, September 12, 2014 contributed by Pranav Dixit.

FUN PHOTOS & FACTOIDS FROM AWA

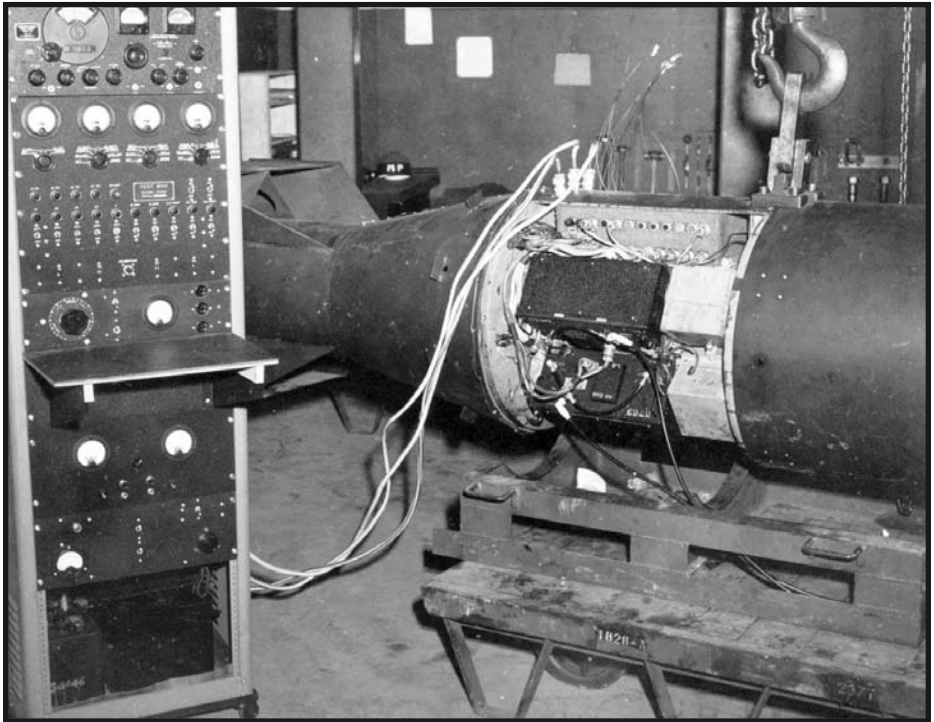
Contributed By Stan Avery

[EDITOR'S NOTE: Stan Avery from the Antique Wireless Association sent in the following fun photos and factoids about radio. We thank him and the AWA for sharing them with ARCI. We will continue to run them as a column in this and future issues of ARCI News.]

Atomic Bombs and Radio

Some interesting photos of the atomic bombs are in “An illustrated guide to the Atomic Bombs” by Ryan Crierie. A Hallicrafters S-27 is in the test rack in one of the pictures (see below). Possible origin, US Navy. Sailors are affixing their personal regards to the bombs, so are these all USN?

See http://www.alternatewars.com/Bomb_Loading/Bomb_Guide.htm.



Little Boy unit linked up to a bank of equipment; possibly to test/charge components within the device. Unknown whether this is a test unit or L-11, the unit dropped on Hiroshima.

JANET LAVELLE

ARCI TO INAUGURATE THE ANNUAL

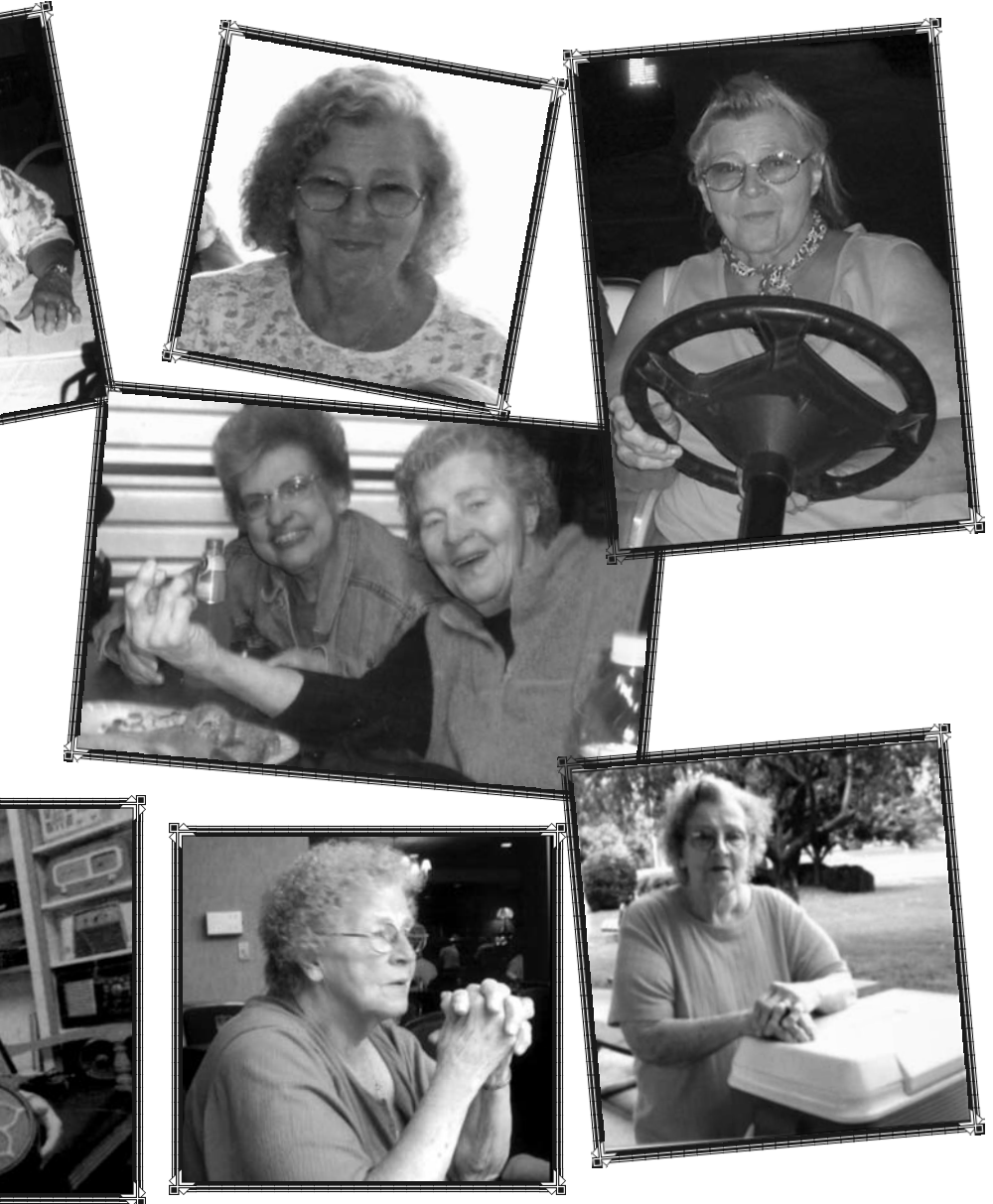
In memory of our dearly departed Cookie Lady, ARCI has decided to name this, and especially loved the holidays. Please plan on attending ARCI's first ever Annual Janet LaVelle for all to share!



HOLIDAY PARTY

JANET LAVELLE HOLIDAY PARTY

all future December meets, in her honor. Janet LaVelle loved to bring us together, and she
e Holiday Party at the December meet. Bring some of your own cookies, cakes, or other treats



NEWS FROM THE MUSEUM OF BROADCASTING COMMUNICATIONS

By David and Julia Bart

NATIONAL RADIO HALL OF FAME INDUCTION OF THE CLASS OF 2014

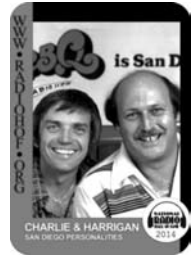
The Museum of Broadcast Communications (MBC) celebrated the 2014 induction of new members into the National Radio Hall of Fame on Sunday, Nov. 9 by taking its show on the road this year. With so many RHOFF inductees living in southern California, the show went to Los Angeles for 2014. The black-tie ceremony, hosted by Premiere Networks personality Delilah, the most-listened-to woman on radio in America, marked the first time the induction ceremony has taken place outside of Chicago. Jim Bohannon of Westwood One reprised his role as the broadcast's announcer. Special performances were provided by Melissa Etheridge and Ingrid Michaelson. Larry King and Marion Ross made the presentations



Radio Hall of Fame at the Cicada Club.

The sold out event took place at the CICADA Club, a premier Los Angeles swing dance venue and vintage nightclub where the RHOFF relived the magic of old Hollywood. More information can be found at the Radio Hall of Fame website <http://www.radiohof.org/>. The Class of 2014 included:

- **Charlie & Harrigan** -- First paired in 1966 at KLIF/Dallas, the duo moved on to ratings success in Cleveland, Houston, and both KFMB and KCBQ in San Diego, where they invented “reconstructed syndication,” a way to spread their local success to more than 40 affiliates in both large and small markets across the country. Using specially tailored audiotapes delivered via UPS that included time checks, weather, and local information and references, listeners in every single city were sure that Charlie & Harrigan were just down the street.



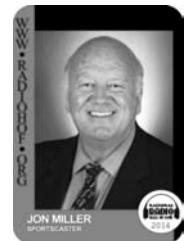
- **Barry Farber** -- Beginning his radio career in the 1950s, Farber joined WNBC/New York as producer of Tex and Jinx. In 1960 he launched Barry Farber’s Open Mike at WINS, and two years later he began a 15-year association with WOR. In 1977 Farber left WOR to run for mayor of New York but returned to the microphone the following year for a decade-plus run at WMCA. In 1990 he went national as part of the ABC Radio Network, and since 2008 Farber has been heard on CRN Digital Talk Radio.



- **Stanley E. Hubbard** -- A true radio pioneer and visionary, Hubbard is the founder of one of the most successful companies in broadcasting history, Hubbard Broadcasting. He launched his first station, WAMD/Minneapolis, in 1923, airing the popular dance show Where All Minneapolis Dances. But his first love was news: in 1924 he started what was likely the first regularly scheduled daily news broadcast (6:00 every night) in radio history. Always an innovator, Hubbard was the first broadcaster ever to go on the air with the intention of surviving solely from advertising sales. His legacy has lived on through several generations of family leadership that have followed his pioneering spirit.



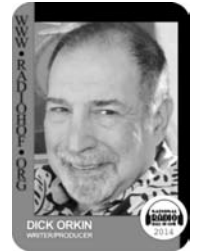
- **Jon Miller** -- Miller has been “the voice of the San Francisco Giants” on KNBR since 1997. After brief stops in Oakland, Texas, and Boston, Miller signed with the Baltimore Orioles for play-by-play duties in 1983 at WFBR (and, later, WBAL). He stayed in Baltimore through the 1996 season, and while there began a two-decade run with ESPN, from anchoring Sunday Night Baseball on TV starting in 1990 to covering 13 consecutive World Series for ESPN Radio. He was at the microphone when Cal Ripken Jr. set the record for consecutive games played and when Barry Bonds hit his 756th home run. In 2010 Miller entered the broadcasters’ wing of the National Baseball Hall of Fame.



- **Agnes Moorehead** (posthumous) -- Born in 1900, Moorehead began her career as a singer on KMOX/St. Louis. In the 1930s she moved to New York, and by 1935 was one of radio's busiest and most versatile actresses. Moorehead epitomized the golden age of radio drama, becoming the first actor to play Margo Lane on *The Shadow* and Mrs. Brown on *The Aldrich Family*, and she was an original ensemble member of Orson Welles' *The Mercury Theatre on the Air*. During the 1940s she costarred with Lionel Barrymore in *Mayor of the Town* and became "the First Lady of Suspense" by appearing in more than 25 episodes of the long-running series. Television brought her more fame through her role as Endora on *Bewitched* before she passed away on April 30, 1974.



- **Dick Orkin** -- Only 16 when he launched his radio career at WKOK/Sunbury, he attended the Yale School of Drama. He then returned to Pennsylvania as news director at WLAN/Lancaster, then joined KYW/Cleveland. In 1967 he was off to WCFL/Chicago, where he created *Chickenman*, which chronicled the comic exploits of a mild-mannered shoe salesman turned crime-fighter; the longest-running radio serial of all time, its 195 episodes have been syndicated worldwide. Since 1978 Orkin has created commercials for radio through his own production company, the California-based Radio Ranch.



- ***This American Life with Ira Glass*** -- The *Wall Street Journal* has called *This American Life* "a forum for highly personal yet idiosyncratic stories" that range from the humorous to the heartbreaking, while the program's own website calls it "a documentary show for people who normally hate documentaries." Host and producer Ira Glass launched *This American Life* in November 1995 as *Your Radio Playhouse* on WBEZ/Chicago; four months later it was re-titled *This American Life*, and by the summer of 1996 it had been picked up for national syndication. Glass and his staff moved the program to New York in 2007. *This American Life* focuses on reporting stories with a depth that Glass has described as "funny and sad, personal and sort of epic at the same time." It has won two George Foster Peabody Awards.



The 2014 RHOFF induction-ceremony also honored the women of broadcasting: actors Eve Arden (*Our Miss Brooks*), Virginia Payne (*Ma Perkins*), Shirley Bell (*Little Orphan Annie*), and Virginia Clark and Julie Stevens (*The Romance of Helen Trent*); comedians Gracie Allen and Jane Ace; triple threats Marian Jordan (*Fibber McGee and Molly*) and Gertrude Berg (*The Goldbergs*), who created, wrote, and starred in their own hit shows; behind-the-scenes players like producer Lynne "Angel" Harvey and executive Cathy Hughes; journalists Ann Compton (*ABC News*) and Susan Stamberg (*NPR*); interviewer Terry Gross (*Fresh Air*); singer and national icon Kate Smith; urban-radio personality Wendy Williams; Chicago disc jockeys Yvonne Daniels and Terri Hemmert; and jazz great Marian McPartland.

MORE FUN PHOTOS & FACTOIDS FROM AWA

Contributed By Stan Avery

Herbert Hoover, Jr. and Radio



Washington, D.C., circa 1923. "Herbert Hoover Jr. and radio set." Son of the future president and a noted ham. Harris & Ewing glass negative.

Hoover began taking an interest in radio sets at age 14. He later studied at the Harvard Business School, and then won a fellowship from the Daniel Guggenheim Fund to study aviation economics. His work focused on the economics of radio in the aviation sector. In 1928, Herbert Jr was hired by Western Air Express to set up its communications system. Over the next year and a half, he set up a network of stations across the Western U.S. capable of guiding radio-equipped aircraft along 15,000 miles of airways. As communications chief of Western Air Express, he soon was managing a staff of 75 engineers and overseeing the purchase of over \$200,000 of radio equipment. In June 1930, he was promoted to chief engineer of Western Air Express. During his time with Western Air Express, he was mainly located at Alhambra, CA, but also made frequent trips to the airline's headquarters in Los Angeles. In 1929, Western Air Express, Boeing and American Airways formed a non-profit corporation, Aeronautical Radio, Inc., to serve as the airline industry's single licensee and coordinator of radio communication outside of the government. Pan American World Airways and Curtiss-Wright also agreed to participate. Hoover was selected as the first president of Aeronautical Radio Inc., a selection that led to Time magazine putting Hoover on its July 14, 1930 cover. Hoover's interest in radio next turned him to the field of exploration geophysics, and the use of radio to prospect for oil. He founded United Geophysical, headquartered in Pasadena, CA, in 1935 and by 1939 he had 200 employees working in five labs perfecting the art of exploring for oil by seismological means. In 1937, he founded a related company, Consolidated Engineering Corp., which focused on instrument manufacturing.

Hoover was an amateur radio operator holding the call W6ZH. He was elected as President of the ARRL in 1962. See below.



Herbert Hoover Jr. and his QSL card.

Technocrats



*August 1939. Josephine County, Oregon. "New sign, erected seven years after Howard Scott talked of a survey of North America and formation of 'energy units,' which had widespread vogue in the early years of Depression."
Another of Dorothea Lange's quirky-sign photos.*

Technocracy had its inception in 1919 in New York City in an organization known as the Technical Alliance of North America. This group included such people as Thorstein Veblen, a distinguished educator in the field of social science, sometimes called the 'stormy petrel of American economics.

Briefly, Technocracy is a science applied to the social order. Science concerns itself with the determination of the most probable in any field of knowledge, be it chemistry, engineering or social phenomena.

Technocracy, then, concerns itself with the determination of the most probable in the field of social science - the determination of the most probable state of society. It has to do primarily with that part of the social mechanism relating to the production and distribution of goods and services, but it has many far-reaching social implications.

Howard Scott: Technocracy is a research organization founded in 1920, composed of scientists, technologists, physicists, and biochemists. It was organized to collect and collate data on the physical functioning of the social mechanism on the North American Continent, and to portray the relationship of this Continent, and the magnitude of its operations in quantitative comparison with other continental areas of the world. Its methods are the result of a synthetic integration of the physical sciences that pertain to the determination of all functional sequences of social phenomena.

Technocracy makes one basic postulate: that the phenomena involved in the functional operation of a social mechanism are metrical. It defines science as 'the methodology of the determination of the most probable.' Technocracy therefore assumes from its postulate that there already exist fundamental and arbitrary units which, in conjunction with derived units, can be extended to form a new and basic method for the quantitative analysis and determination of the next most probable state of any social mechanism.

Ethel Leginska



Circa 1921 in New York, the British pianist and conductor Ethel Leginska, who achieved a dubious renown for skipping out on her concert performances, including a memorable non-appearance at Carnegie Hall. But she never missed a meal. 5x7 inch glass negative.



Circa 1921 in New York, the British pianist and conductor Ethel Leginska listening to the radio. 5x7 glass negative, George Grantham Bain Collection.

Her given name was Liggins but she struggled for fame at a time when the popular pianists had Slavic names; hence the change. A great talent, she became known as “The Paderewski of Women Pianists.” Judging from her rapt expression in this photo, she had a gift for the theatrical - or perhaps she was listening to the World Series on WBZ.

The First Baby Monitor

Isamu Noguchi, the Japanese-American sculptor and designer whose coffee tables and other furniture are a staple of mid-century modern décor, designed the “Radio Nurse” for Zenith Radio Corporation in 1937.

Baby monitors, now so common as to be unremarkable, were unheard of in the early 1930s. The 1932 kidnapping of the Lindbergh baby out of the family’s nursery apparently struck a chord with Zenith’s president, Eugene F. McDonald Jr., who experimented with a cobbled-together system that would allow him to hear what was going on in his daughter’s room.



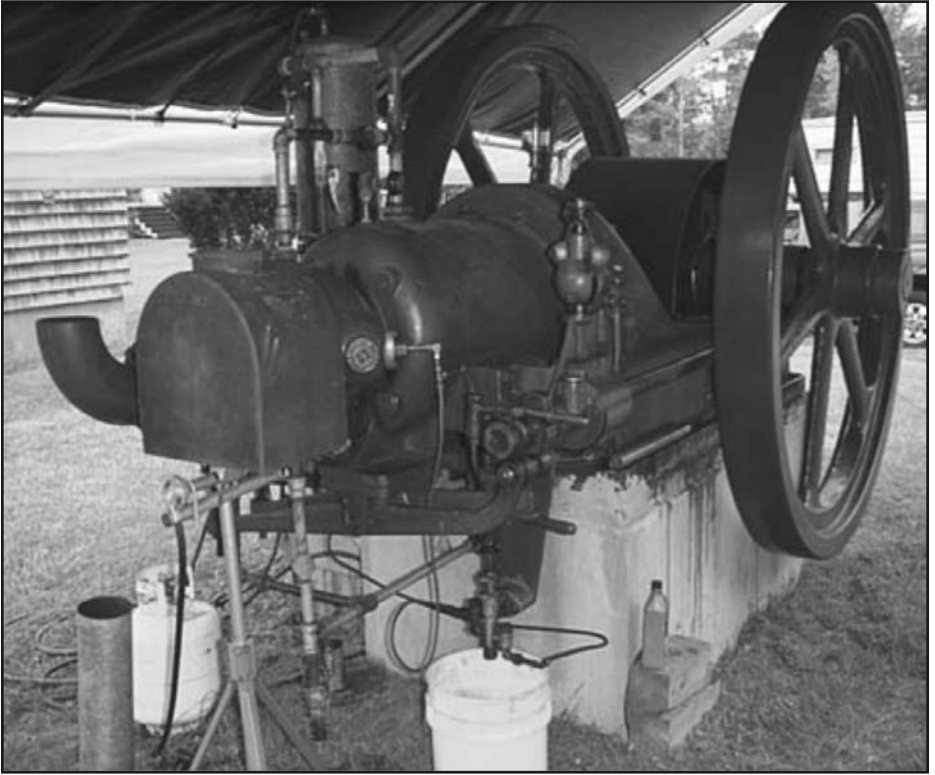
Zenith Baby Monitor. From the collections of The Henry Ford (2004.10.1/THF37210).

McDonald asked Zenith’s engineers to come up with a more streamlined system for the market. They returned with a two-part set: the “Guardian Ear” transmitter, which you plugged in by the child’s crib, and the “Radio Nurse” receiver, to be located alongside the listening caregivers.

Noguchi, still at the beginning of his career, designed the “Radio Nurse” component in Bakelite, an early plastic. As Marc Greuther, Chief Curator at The Henry Ford, points out, the receiver was “an impressive abstract form that managed to capture the essence of a benign, yet no-nonsense, nurse.”

The Radio Nurse never quite caught on commercially—perhaps because the unit also picked up random broadcasts—but the baby monitor was displayed in the Whitney Museum of American Art’s annual sculpture exhibition that year.

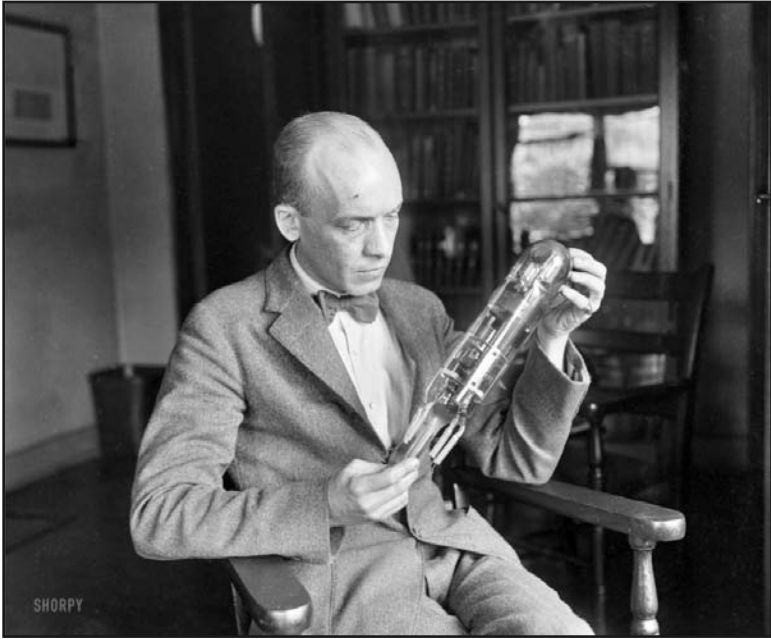
Marconi Transmitter Power Source



De La Vergne oil engine circa 1902.

This De La Vergne oil engine is the same as used to power the Marconi transmitters on Cape Cod Massachusetts in 1902. It is similar to a Diesel but depends on the heat of a large combustion chamber to ignite the air/fuel mixture, not high compression. It has fuel injection that sprays oil into the combustion chamber. The Thursday crew recently picked this engine as a project. They spent many hours cleaning the rust from the water jacket, remanufacturing the fuel injection nozzle, and adding plumbing and tanks for fuel and cooling water. Star Gas installed a propane preheater for the combustion chamber. The crew also removed the piston, unstuck the piston rings, replaced a broken piston ring, and reassembled the engine. A quite impressive video of one is here on YouTube: <http://www.youtube.com/watch?v=2MLkbHkxk-g>.

The First Radio Tube Made in the U.S. Brought to City, Broken By Bellboy



June 1924. Washington, D.C. "Carl W. Mitman, Curator of Engineering, U.S. National Museum [Smithsonian Institution], holding what is believed to be the first radio tube, made in 1898 by D. McFarlan Moore of New York. Radio waves emanating from this tube ignited a bomb a city block away and blew up a miniature of the Battleship Maine." Harris & Ewing glass plate.

News Item - Washington Post, June 24, 1924. - The first radio tube, invented by D. McFarlan Moore, in 1898, and held to be the most valuable exhibit of its kind in the United States was shattered a few days ago by a bellboy. Today it lies in useless condition, in the office of Carl W. Mitman, curator of engineering, in the National Museum.

Last week the tube was brought with infinite precautions from New York, by Mr. Moore, who is connected with the Edison Lamp Works of the General Electric Company, at Harrison, N.J. Mr. Moore carried his precious tube himself, because he was afraid to entrust the delivery to the mails of parcel post service. The tube was carried in special wrapping, and swathed thickly in cotton.

Mr. Moore registered at the Hotel Raleigh and gave his suitcase to a bellboy. He also temporarily surrendered the tube. As the door to his room was opened, he heard a faint tinkle of glass, as he brushed against it. Upon examination the tube was found broken.

The tube is said to be unique, and the only one of its kind in this country. Parts of it are set with platinum fixtures. It was to be placed on exhibition at the museum. Now, however, its fate is problematical. Whether it will be possible to adjust the delicate mechanism is unknown.

Mr. Moore is well known in engineering and scientific circles. Among his achievements was the construction, in 1904, of a lamp known as the Moore lamp, commercially used in large numbers in the United States.

The collections devoted to the developments in electrical illumination were enhanced by the gift of a part of the apparatus used by D. McFarlan Moore, in 1897-98, in the operation of his vacuum tube electric light. This apparatus was also used at that time to transmit electric emanations or radio waves. the specific use being to

Googling Moore, no mention is made of an 1898 radio tube. Considerable mention is made of his work with lighting, though. Moore was alive when this picture was taken, and was shot to death on his front lawn in 1936 by an angry inventor who had discovered Moore had already taken out a patent on something he'd invented.

[From the Annual Report of the United States National Museum, Smithsonian Institution, 1924. Google provides only a snippet view.]

Coconut Radio



June 1924. Washington, D.C. "Radio nut -- this set with everything necessary for receiving music and speech by radio has been put into a coconut shell. It was built by H. Zamora, a native of Manila, Philippine Islands."
Harris & Ewing Collection glass negative.

BUSINESS CARD ADS

We invite all of our members to scan and send in your business card to be included in *ARCI News*. For \$80 your card will appear in the next 6 issues! Your card will be seen by approximately 400 people per issue and up to 1,000 people at *Radiofest* where we make additional copies of *ARCI News* available at no charge. If interested, please scan your card and send it to jbart1964@gmail.com and mail a check for \$80 to Rudy Hecker, ARCI Treasurer, 127 Weymouth Court, Schaumburg, IL 60193. Thank you all for your continued support of ARCI!!!



The business card for 'Just Radios' features a vintage radio on the left and electronic components (a capacitor and a resistor) on the right. The text on the card includes the company name, services offered, and contact information.

Just Radios
Capacitors & Resistors for Tube Radios

David and Babylyn Carleton
8 Ferncrest Gate, Scarborough
Ontario, Canada, M1W 1C2

www.justradios.com
justradios@yahoo.com
(416) 502-9128



CLUBING AROUND

ANTIQUÉ WIRELESS ASSOCIATION

The Antique Wireless Association will have its next meeting in May 2015 at the AWA Museum in Bloomfield, New York. The AWA, our national affiliate, publishes the AWA Journal, the AWA Review and The AWA Gateway. The latest edition of The AWA Gateway is available for free at <http://www.antiquewireless.org/awa-gateway.html>. Dues are \$35 per year. Information can be found at <http://www.antiquewireless.org/>.

WISCONSIN ANTIQUE RADIO CLUB, INC.

The next WARCI meeting will take place in mid January 2015. For information about the club, please contact President Greg Hunolt at ghunolt@excel.net or see the web site at www.warci.org.

NORTHLAND ANTIQUE RADIO CLUB

The Minnesota Club has its next event is scheduled for Feb. 22, 2015, a workshop and outdoor mini-swap meet. Radio Daze, the Upper Midwest's ultimate vintage radio collecting event, will be held May 15-16, 2015. For more information and the date which will be announced, please see <http://www.northlandantiqueradioclub.com/index.shtml>.

MICHIGAN ANTIQUE RADIO CLUB

MARC's next meet is scheduled in mid-Jan. 2015 in Farmington Hills, Michigan. Details will be announced. Please see the MARC web site for more information at <http://michiganantiqueradio.org/>.

INDIANA HISTORICAL RADIO SOCIETY

IHRS Winter Meet will be held mid-Feb. 2015 at the Lawrence Park Community Center, City of Lawrence, 5301 N. Franklin Road (north east Indianapolis). There will be a Swap N Sell indoor meet 8-11AM and a donation auction at 10AM. For more information please see <http://www.indianahistoricalradio.org/ihrsched.htm>.

CLASSIFIEDS

WANTED: Parts to restore a Philco 70 - (i) tube shield for the 3 tubes on the left side of the chassis, (ii) speaker with good cone and voice coil assembly (a model 20 or model 90 speaker could be a suitable), (iii) recommendation for someone who can re-cone a speaker of this era. Contact: Bill Koski at tubesrus@peoplepc.com.



ARCI NEWS

Antique Radio Club of Illinois
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LaGrange Park, IL 60562