



ARCI NEWS

www.antique-radios.org

Affiliated AWA
Antique Wireless Association 

Volume 35, Issue 3
June 2016



Howard and Marion Armstrong on their Honeymoon in Palm Beach, December 1923, With Her Wedding Gift, the World's First Portable Superheterodyne Radio, Invented by Armstrong. Marion was David Sarnoff's Former Secretary



RADIOFEST 2016 THEME: RCA!!

HAPPY FATHER'S DAY!!

(Image Cortesy Wikimedia)

UPCOMING JUNE 19, 2016

JOINT MEET WITH 6-METER CLUB OF CHICAGO & MIDWEST CLASSIC RADIO NET HAMBOREE

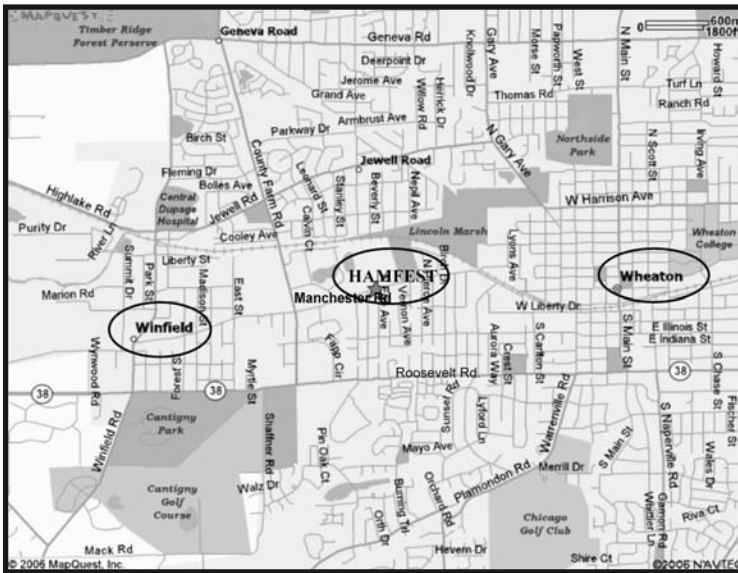
DUPAGE COUNTY FAIRGROUNDS

2015 Manchester Road, Wheaton, IL

(North of Roosevelt Road Rte. 38 and East of County Farm Road)

June 19, 2016

Gates Open 7AM



2016 ARCI MEET SCHEDULE

June 19, 2016	Outdoor - Gates Open 7AM Combined Meet With 6-Meter Club of Chicago	DuPage County Fairgrounds Wheaton, IL (See Advance Ticket Form & Map)
July 29-31, 2016	<i>RADIOFEST</i>	Medinah Shriners Addison, IL
October 2, 2016	7AM-11AM Outdoor Swap Meet Business Mtg./Officer Election 10AM	American Legion Hall Carol Stream, IL (See Map)
December 11, 2016	7AM-11AM Indoor Swap Meet Business Meeting 10AM	American Legion Hall Carol Stream, IL (See Map)

PRESIDENT'S MESSAGE

Anyone who has lived in the Chicago area for as long as I have knows that Spring weather in these parts is going to be a “crap shoot” at best. This year, after a fairly mild winter and a long-range forecast from The Weather Channel of a “much warmer than normal” Spring 2016, I let myself be lulled into imagining an April and May where I could go actually go outside without having to wear an overcoat. Mother Nature, unfortunately, did not get the memo, and right on cue, sent us her cold lake effect breezes, jet streams diving down from Canada, and temperatures that were, on average, colder than those in Anchorage Alaska. So much for my faith in long-range forecasts!

Fortunately for ARCI, one of the very few “nice days of spring” just happened to occur on Sunday, April 24, the day of our annual spring meet at the American Legion in Carol Stream. And, what a nice day it was! Temperatures warmed quickly into the mid-60s with no rain and plenty of sunshine. Our members definitely took advantage of the day and showed up in full force for our first outdoor meet of the year. Club members, eager to sell goods they had accumulated over the long winter, bought a total of 34 outdoor spaces, 7 more than April last year. There was an equally good turnout of buyers, with many really great items finding new homes. Our donation auction was once again quite large, with bargains that could only be described as incredible. A full array of test gear, old radios, fully restored chassis, speakers, and loose parts galore were among the treasures lurking in the pile. All told, the donation auction netted over \$300 for the club's coffers, and many happy bidders went home with great items obtained for a song. Thanks once again to Tom Kleinschmidt and Jim Novak for their great work on the auction.

As we come ever closer to the end of July, our attention focuses on all things *Radiofest*. Your *Radiofest 2016* staff is hard at work finalizing all the details for what promises to be a truly memorable event. *Radiofest 2016* will be a fun-packed show that is sure to please anyone with an interest in collecting and restoring vintage radios, audio gear, and ham radio equipment. With our large swap meet over two days, two auctions, five presentations, ham station, and awards banquet, there's sure to be something for everybody.

As most of you know by now, *Radiofest 2016* will take place in a completely new and much improved venue, The Medinah Shriners in Addison, Illinois. I think you will be impressed with our new location, with its large number of parking spaces, beautiful ballroom and presentation facilities, and high quality Hilton Garden Inn Hotel. In this issue of the ARCI News you will find all of the up-to-date information you will need for planning on attending *Radiofest 2016*, including a copy of the *Radiofest* brochure, registration form, equipment contest form, program information, and much, much more. So, please take the time to read carefully through all the various parts of this newsletter pertaining to *Radiofest 2016*. And if you have any questions or comments, please don't hesitate to contact me at arcipresident@comcast.net.

Now is the time to make your plans to attend our upcoming annual combined meet, hosted by the Six Meter Club of Chicago, on June 19 at the DuPage County Fairgrounds in Wheaton. This is always a truly enjoyable meet with great people and many interesting items for sale. The Six Meter Club members always show up with a great selection of ham gear, lots of parts, tools, test equipment, etc. And ARCI's own "Swap Row" puts the "icing on the cake", with a great selection of collectible radios, vintage hi-fi gear, phonographs, tape recorders, and many other items. There will be the usual donation auction, ham license testing, and many other associated activities. For all the details, see our dedicated article about this event, along with the Hamfest Flyer from the Six Meter Club, in this issue of the ARCI NEWS. And take a couple hours for yourself this Father's Day to come on out to Wheaton! I look forward to seeing all of you there and at *Radiofest 2016*.

See You At The Next Meet,
John Stone
ARCI PRESIDENT

ARCI UPDATE

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

RADIOFEST VOLUNTEERS NEEDED

We need your help at Radiofest!! Please consider volunteering. You can talk with one of the officers, a Board Member or current volunteers for more information: Our needs are in:

- *Main Auction and Parking Lot Preparation (Friday afternoon and evening).* Please contact John Stone at arcipresident@comcast.net.
- *Old Equipment Contest registration.* Please contact Jeff Aulik at akent36@insightbb.com.
- *Registration.* Please contact Judy Huether at oldradioshoppe@aol.com.

RADIOFEST SPONSORSHIPS

It is not too late to participate in our ARCI Corporate Sponsorship program and our Member-Sponsor program for *Radiofest*. And other *Radiofest* advertising will be printed in May. We encourage all our members to participate. *Radiofest* and other ARCI announcements directly reach almost 20,000 targeted readers with interests in historical and technical subjects. This is a great opportunity to take advantage of inexpensive advertising to a targeted audience while providing substantial assistance to our club. Please contact John Stone at arcipresident@comcast.net or Art Bilski at myantiqueradio@myantiqueradio.com by May 15, 2016 with any ideas or suggestions for new sponsors interested in discussing arrangements with ARCI.

RADIOFEST SPONSOR-MEMBERS

ARCI is again offering “Sponsor-Members” status to members who are dedicated to assuring the financial strength of *Radiofest*. Members who feel they are able to contribute \$25, \$50, \$100 or more to the sponsorship fund may do so. Sponsor-Members will be listed in *ARCI NEWS* (but not the amount of contribution), and recognized as a group at the banquet, along with a certificate. Many organizations regularly produce events similar in size to *Radiofest*. Member-Sponsors help to provide the “emergency backing.” You, as a member, are invited to help and participate as you see fit. Funds, by cash-in-person, or check identified as “Member-Sponsor Fund”, should go directly to our treasurer Rudy Hecker. If you have any questions or comments, please email John Stone at arcipresident@comcast.net.

RADIOFEST VOLUNTEERS NEEDED

Radiofest's flea market, speaker programs, contests, auction, and displays are all made possible through the tireless efforts of a dedicated group of volunteers who have generously donated their time and talents to this wonderful event. But, we could really use some extra help from you. If you have some time available on Friday evening to help out with the auction, or on Saturday during the day to lend a hand at the flea market, please consider volunteering to help us out. If you're available and would like to help us out, please contact John Stone at arcipresident@comcast.net.

REGISTER EARLY FOR JUNE HAMFEST COMBINED MEET WITH SIX METER CLUB

The June ARCI swap meet will be a joint event with the Six Meter Club of Chicago on Sunday, June 19, 2016 at the DuPage County Fairgrounds, 2015 Manchester Rd., in Wheaton - just a bit south and west of our ARCI meets at the American Legion in Carol Stream. Last year more than 1,200 radio enthusiasts and hams from 16 states and with visitors from Canada and Mexico participated in the giant flea market and other events, including many ARCI members who were able to park in a special area designated as ARCI Swap Row.

We will have displays from AMSAT, ARRL, NWS/Skywarn and dealer displays. And, the Midwest Classic Radio Net's *Hamboree* will be back with us again. MCRN is a gathering of hams that operate “boat anchor” equipment on a weekly 3885 kHz AM net.



Everyone MUST have a Hamfest ticket to attend. Tickets are still only \$6 in advance, or \$8 at the gate. There is no charge for outdoor flea market space - please see the registration form for information. As usual, ARCI will have its donation auction at 10 am along with the 50-50 drawing. In addition, if you deposit your Hamfest ticket stubs in the drum near the stage in Building 2, you have a chance to win many other prizes including \$300, \$200 and \$100 cash.

Indoor flea market sellers and commercial dealers will be in Buildings 2, 3 and 4 with the outdoor flea market to the east of the Exhibition Hall building and extending north along the east side of the fairgrounds. All traffic will enter and exit through gate S-7 located east of the main exhibition hall. For ham operators, station K9ONA will be on the air, serving as a talk-in station on two meter FM, 146.52 simplex and through the 146.37/97 repeater (107.2 Hz tone). Food, coffee and soda will be available from the Romeoville Knights of Columbus.

For anyone wishing to take an FCC Amateur Radio license exam, testing will be held from 9 to 11 am.

The Hamfest opens to the general public at 7 am (buildings at 8 am), but ARCI members who are willing to help direct traffic for parking – we will need help keeping ARCI Swap Row open for members – can enter at 6 a.m. providing you have an advance ticket and can show positive ARCI ID (your current membership card). You can then pick out your favorite flea market parking space and lend a hand for a few minutes when the gates open at 7. We could also use some help Saturday afternoon after 2 pm setting up signs, the PA system, tables, etc.

Anyone who can help out or who needs advance tickets or more information can call Jim Novak at 708-442-4961 or email WA9FIH@aol.com.



HAM RADIO AND ELECTRONIC FLEA MARKET
Also featuring Antique and Vintage Radios – now Bigger and Better than ever!

SIX METER CLUB OF CHICAGO

59th ANNUAL

HAMFEST

**and Antique Radio Club of Illinois Swap Meet
 plus Midwest Classic Radio Net Hamboree!**

Sunday, June 19, 2016

DuPage County Fairgrounds, Wheaton, Illinois

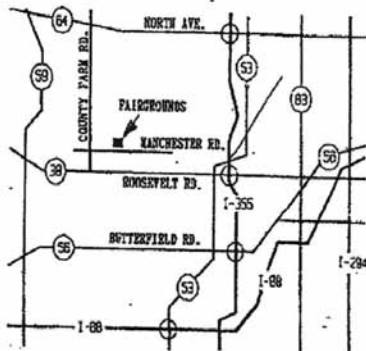
2015 Manchester Road (North of Roosevelt Rd. [Rte. 38], East of County Farm Rd.

GPS COORDINATES: N41.866667, W-88.132989

GATES AND FLEA MARKET OPEN 7 A.M. BUILDINGS OPEN TO PUBLIC 8 A.M.



- All Weather, Large Outdoor Flea Market AND More than 20,000 square feet of indoor selling space for those who prefer to be inside
- AMSAT, ARRL, Skywarn and Dealer Displays
- Good Food and Refreshments at Reasonable Prices
- Free Parking – no extra charge for outdoor space
- Donation Auction at 11 a.m. – Proceeds to ARCI (Radios, Test Eqpt., Parts Only – NO PCs)
- Overnight RV Parking w/110 V hookup -- must Register in Advance!
- 1st - \$300, 2nd - \$200, 3rd - \$100 awarded at 1 p.m.
- TICKETS: Advance \$6.00; At Gate \$8.00 – Use form below to order advance tickets.
- ARRL VE Testing 9-11 a.m. \$15 Exam Fee
- TALKIN: K9ONA 146.52, K9ONA/R 146.37/97 (107.2)
- **ALL TRAFFIC ENTER GATE S-7 EAST OF BUILDING**
- INFORMATION: E-Mail WD9GJK@arrl.net or call our 24 Hour InfoLine – (708)442-4961.



VISIT OUR WEB SITES:

SIX METER CLUB OF CHICAGO: www.k9ona.com

ANTIQUÉ RADIO CLUB OF ILLINOIS: www.antiq- radios.org

MIDWEST CLASSIC RADIO NET: www.mcrn3885.net

PLEASE NOTE: ABSOLUTELY NO ALCOHOLIC BEVERAGES PERMITTED

NO SALE OF FOOD OR BEVERAGES IN FLEA MARKET -- All Sellers Responsible for Cleanup of Their Spaces!

Return with check payable to "Six Meter Club of Chicago" and Self-Addressed, Stamped Envelope to: Six Meter Club of Chicago, 3532 Raymond Avenue, Brookfield IL 60513-1204 **no later than June 1, 2016.**

Please send Tickets/Reservations as follows:

ADVANCE TICKETS (every attendee age 12 and over).....# _____ @ \$6.00 ea. = \$ _____

COMMERCIAL DEALER TABLES 8 ft. w/110 V.....# _____ @ \$12.00 ea. = \$ _____

NOTE: No extra charge for tables w/110V as available, first come first served!

OVERNIGHT RV PARKING FAIRGROUNDS FEE (includes 110V).....# _____ @ \$30.00 ea. = \$ _____

PLEASE PRINT:

Name: _____ E-Mail: _____

Address: _____ Phone: () _____ - _____

City: _____ State: _____ ZIP: _____

ANTIQUÉ PHONOGRAPH & MUSIC BOX SHOW MARKS 41st YEAR

ARCI is proud to again team up with Donley's Wild West in 2016!! Donley is hosting its annual Phonograph and Music Box Show in Union, Illinois on June 11-12. Donley is a long time sponsor and friend to ARCI and is sponsoring Radiofest 2016. This collector show specializes in phonographs, music boxes and automata but has cross-over with radio and electronics collectors. Historically, vintage radios have been well represented. The show has a large public following and takes place in space adjacent to Donley's Wild West Village and the restaurant. Bring the entire family and your children/grandchildren to enjoy a day of collecting and entertainment in the old west. See the special centerfold pull out for more information.



The show is open to the public on Saturday June 11th from 9am to 5pm and on Sunday June 12th from 10am to 3pm. Admission to the show is \$9.00 and is good for both days. A special preview admission of \$40 per person is available for those wishing to mingle with the dealers during the show setup on Friday June 12th from 8am to 4pm.

Donley's Wild West Town is located 45 minutes Northwest of O'Hare airport just off Interstate 90, at the intersection of Route 20 & S. Union Road, 2 miles south of the village of Union, in McHenry County Illinois. GPS 8512 S. Union Rd. Union, IL 60180. For further information call 815.923.9000 or see www.WildWestTown.com.

RADIOFEST 2016 PLANNING UPDATE

NEW LOCATION

RADIOFEST 2016 IS COMING! Reserve the dates of July 29-31. Based on positive reviews from 2015, we kept the Friday – Sunday show schedule for 2016. The program schedule remains the same, i.e. opening with the auction, a full day of activities, and a closing morning.

We will be at a new location this year at the **Medinah Shriners in Addison, Illinois.** This is a new, modern, upscale facility across from a **Hilton Garden Inn.** These facilities represent a huge improvement over last year's location that will make the 2016 *Radiofest* an even more interesting and enjoyable event. Just like last year, we will start off with our Friday night auction, followed on Saturday morning by the swap meet.

Our speakers' programs, contest, and display will occur throughout the day on Saturday, followed by the Carl & Carolyn Knipfel banquet on Saturday night. And, of course, we will also have our appraisal tent and the ham station. On Sunday morning we reopen the swap meet, followed by our seller's raffle. We close out Radiofest 2016 with our traditional donation auction. So as you can see, we are planning for another fun packed event, full of great stuff to buy and fun things to do. You don't want to miss this one!

<u>RADIOFEST</u> Medinah Shriners 550 Shriners Drive Addison, IL 60101	<u>HOTEL</u> Hilton Garden Inn Addison 551 N Swift Road Addison, IL 60101
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Our official hotel for *Radiofest 2016* is the Hilton Garden Inn: located directly adjacent to the Medinah Shriners, complex, and a very short walk from the banquet facilities and parking lots. Medinah Shriners and Hilton Garden Inn are completely independent entities, but they coordinate closely on events. Our contact at Shriners helped us negotiate a really great rate with the hotel at \$95 per night. This is a really nice hotel at a really nice price. You won't be disappointed!

Reservations for the hotel are now open! You can go to the online reservation system, which has been set up exclusively for *Radiofest* reservations. Enter <http://tinyurl.com/he6y8m9> in your web browser to go directly to the special reservations page for *Radiofest* attendees. You can also find a clickable link for hotel reservations on the *2016 Radiofest Information Page* at http://www.antique-radios.org/radiofest_2016_info.html or you can call the hotel directly at 630-691-0500. Mention Radiofest to the friendly reservation agent to get the special discount rate.

RADIOFEST KEY INFORMATION

Main Clubs: Once again, we will team up with the Wisconsin Antique Radio Club, Inc. (WARCI), the Vintage Radio and Phonograph Society (VRPS) of Dallas, Texas and the Antique Wireless Association (AWA). *Radiofest* will be co-sponsored by four important clubs, making it truly THE national event of the summer!

Fees: AFTER CAREFUL CONSIDERATION, WE ARE PLEASED TO ANNOUNCE THERE WILL BE NO INCREASE IN DUES, SWAP MEET SELLING SPACE, OR AUCTION FEES. Dues: \$25. First selling space: \$45 Pre-registered, \$50 on site registered. Additional selling spaces: \$25 Pre-registered, \$35 on site. Table rental; (6 ft) pre-registered only, \$15. One-day single space: Saturday, \$30.

Banquet Entertainment: The entertainment at the Saturday Night banquet will feature a performance by the **Windy City Harmonica Trio**. Come and enjoy! Banquet tickets are priced at \$40 per person.

RCA Display: RCA, was a worldwide leader in radio and television technology. A special display will feature hardware and memorabilia from this legendary company. We invite all those interested in participating to bring their finest examples to share in the display.

Contest Categories: This year's contest categories are: Radios Pre-1930, Radios/TVs Pre 1945, Radios/TVs Post- 1945, Advertising / Premiums, Catalin & Rare Plastic Radios, Transistor and Novelty Radios, Speakers, Vacuum Tube Audio, Radios Made In the Midwest, and Open.

Main Auction: The opening night auction will be in the Medinah Crescent Ballroom, with overflow space in the adjacent Medinah Music Room. The large quantity and excellent quality of items available in the auction make this a "must attend" event. You never know what you will find here, including rare and highly collectible items. Jim Sargent from VRPS is returning to co-manage the auction.

Speaker's Programs: The presentations are shown below. They feature five sessions, with a break during the noon hour. Shure Microphones, Vacuum Tube Audio, B-Battery Replacement, The Bill Ross Memorial Ham Radio Forum, and Antenna Design.

Donation Auction: The Donation Auction is scheduled for Sunday morning. We need your donations, which benefit the club by helping to offset operating expenses. Thanks to our members who have helped so much in years past.

Ham Station: Special plans are brewing for the vintage ham station that will operate at *Radiofest*.

QUESTIONS/IDEAS: Remember, *Radiofest* is your show!! We are always looking for suggestions on ways to improve it. If you have a good idea, please contact John Stone at arcipresident@comcast.net.



RADIOFEST

July 29 thru July 31st, 2016



SIGN UP NOW!

Event: Medinah Shriners ~ 550 N. Shriners Dr. Addison, IL 60101

Hotel: Hilton Garden Inn ~ 551 North Swift Rd., Addison, IL 60101
Hotel Reservations: (630) 691-0500

All hotel reservations must be made directly with the Hilton Garden Inn
Discounted Hotel rates for ARCI members begin at \$95.00

RADIOFEST Will Feature a Large Radio Swap Meet, Radio Contest, Informational Presentations, Appraisal Tent & Auctions. Our Banquet also returns with great food, entertainment, and awards. Events and Schedule subject to change. Watch our website for updates at: www.antique-radio.org

All sellers must be members of ARCI - NO ADMISSION CHARGE FOR NON-SELLERS

ARCI Membership (\$25.00)

(If not currently a member) \$ _____

First Selling Space

\$ _____

\$45.00 Pre-Registration

\$50.00 On Site Registration

Additional Spaces

\$25.00 Each Pre-Registration

\$35.00 Each On Site Registration

_____ times \$25.00 or \$35.00 = \$ _____

Table Rentals-Pre-registration only

6 ft. # _____ times \$15.00 = \$ _____

Free parking for attendees in the lot directly adjacent to the swap meet lot. If you are reserving a paid space in the swap meet lot, for parking purposes only please check here _____

One Day Single Space Rate

Sunday Only (\$30.00) \$ _____

Banquet (Buffet Style) and Show

Buffet Selection:

Beef, Chicken, or Pasta served with Garden Salad, 2 Sides, Fresh Fruit, Coffee, Regular or Iced Tea

_____ Attending times \$40.00 = \$ _____

TOTAL OF ALL \$ _____

NAME: _____

ADDRESS: _____

PHONE # DAY: _____ EVENING: _____

E-MAIL: _____ APPLICATION DATE: _____

EMERGENCY CONTACT NAME: _____ PHONE: _____

Please list any special requests or comments below

In order to receive confirmation of your registration and selling space assignment from ARCI by mail, we must receive your registration form on or before July 1, 2016. All sellers must check-in at the Registration Area upon arrival at Radiofest, to receive their parking permits. All selling and parking spaces in the swap meet lot will be assigned by ARCI.

Make check payable to ARCI and mail to: ARCI c/o Edward & Judy Huether; 1039 Troost Ave.; Forest Park, IL. 60130
Have Questions or need more information? Check our website at www.antique-radios.org or send e-mail to clubinfo@antique-radios.org

FOR OFFICIAL USE ONLY

Date Received _____ Registration # _____ Check # _____ Spaces _____

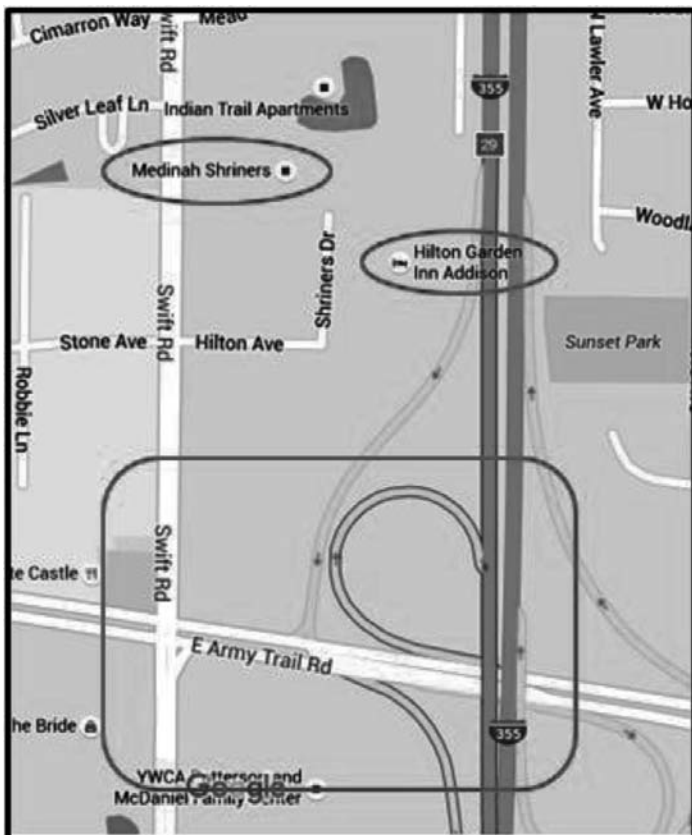
RADIOFEST HOTEL — NEW LOCATION

Radiofest 2016 has relocated to the Medinah Shriners' facility in Addison, Illinois with hotel service provided by the Hilton Garden Inn. (I-355 and Army Trail Road)

Radiofest remains close to both Chicago airports (20 miles from O'Hare and 26 miles from Midway). Hotel reservations for July 29 - 31, 2016 must be made directly with the Hilton Garden Inn. The hotel is offering discounted rates for radio show attendees starting at \$95.00 for standard rooms. You must mention ARCI to get the discounted rate. Last year there was some confusion with the national booking service about room rates, so we recommend calling the hotel directly. We strongly recommend that you make your reservations early. Last year the hotel sold out.

RADIOFEST 2016 HOTEL

Hilton Garden Inn Addison • 551 N Swift Road • Addison, IL 60101
(630) 691-0500

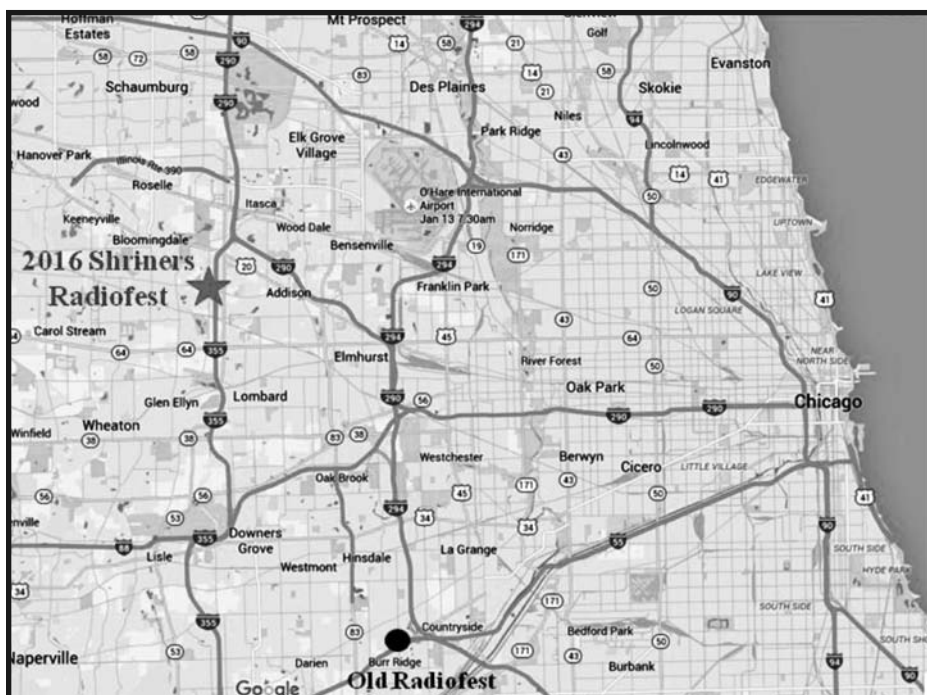


**RADIOFEST 2016
CONTEST CATEGORIES**

*With Awards For:
Dr. and Mrs. Ralph Muchow "Best Of Show" Award
People's Choice Award
Chairman's Trophy; Best Restoration; Best Historical Display
1st, 2nd, 3rd Per Category*

*Radios Pre-1930
Radios/TVs Pre-WWII (to 1945)
Radios/TVs Post-WWII (1946 & later)
Advertising / Premiums
Catalin & Rare Plastic Radios*

*Transistor & Novelty Radios
Speakers
Vacuum Tube Audio
Electronics Made In The Midwest
Open*



RADIOFEST 2016 FEES

*Selling Spaces – 1st \$45.00 Pre-registration, \$50.00 On site registration;
Additional Spaces \$35.00; Sunday Only \$30.00*

Banquet – \$40.00 each

*6' TABLE RENTALS – \$15.00 each
Only through pre-registration*

**RADIOFEST 2016
PRELIMINARY SCHEDULE**

FRIDAY (7/29)

Pre-Registration Available After 3pm
Main Auction at 6:30pm
(Crescent Ballroom)

SATURDAY (7/30)

7am Registration / *Radiofest* Opens
Flea Market All Day (West Lot)
Special Event Ham Radio Station - All Day
Educational Programs (Room B)
Old Equipment Contest (Music Room)
Banquet & Entertainment (Crescent Ballroom)

SUNDAY (7/31)

Free Seller's Raffle at 9:15am
Donation Auction at 9:30 am
Flea Market Until Noon (West Lot)

SPECIAL RADIOFEST DISPLAY

RADIO CORPORATION OF AMERICA

This year we are celebrating Radio Corporation of America, RCA. We invite you to participate in our special display theme for *Radiofest 2016*. ARCI members are invited to bring one or several pieces of equipment for display, but **MUST** preregister to avoid duplication of entries in the limited space available.

We will have a display of any and all RCA related items. We are looking for your contributions such as:

- Radiola and RCA items
- Wireless and early radios through the 1930s including tabletop and console radios
- WWII era items
- 1950s-1970s era
- 1980s and related items from famous news stories and other events
- Any original documents and advertising items.

We would like to feature any items with newspaper or magazine articles and original equipment instructions, documentation and photos. The display is not limited to commercially produced items.

Please submit the *RADIOFEST 2016* SPECIAL DISPLAY REGISTRATION FORM which will be available at the June meet and can also be downloaded from the ARCI website. Submit it to Keith Schreiter or David Bart no later than July 8 for consideration by the committee. Our intent is to notify each applicant no later than July 15 regarding which items will be accepted for display.

NOTE: The Special Display is a special feature of *Radiofest* that operates in addition to the contest room. We invite our members to participate in both venues. Please email Keith Schreiter at: N9QDS@ARRL.NET or David Bart at JBART1964@GMAIL.COM if you would like to participate.

RADIOFEST 2016

SPECIAL DISPLAY JULY 30, 2016

**REGISTRATION FORM
APPLICATION DEADLINE JUNE 15, 2016**

****RADIO CORPORATION OF AMERICA****

AFTER REVIEWING THE CATEGORIES LISTED IN THE DISPLAY ANNOUNCEMENT, PLEASE LIST EACH ITEM THAT YOU WISH TO DISPLAY WITH BRIEF DESCRIPTIONS. WE INTEND TO HAVE THE DISPLAY ROOM OPEN FOR VISITORS BY SATURDAY AFTERNOON AT APPROXIMATELY 3PM WITH TAKEDOWN AFTER 10PM SATURDAY NIGHT. SUNDAY MORNING RETREIVAL OF ITEMS IS OPTIONAL BUT MUST BE PRE-ARRANGED. SECURITY WILL BE PRESENT AND THE ROOM WILL BE LOCKED DURING HOURS WHEN IT IS CLOSED TO PUBLIC VIEWING. WE ALSO NEED VOLUNTEERS WHO CAN ACT AS "DOCENTS" TO SPEND 30-60 MINUTES IN THE DISPLAY AREA ANSWERING QUESTIONS ABOUT THE DISPLAY.

ITEM(S) YOU WOULD LIKE TO DISPLAY:

NAME _____ CALL SIGN _____

ADDRESS _____

PHONE (____) _____ - _____ EMAIL _____

SERVE AS DOCENT? (CIRCLE ONE) YES NO HOURS _____

**FOR INFORMATION PLEASE CONTACT KEITH SCHREITER AT:
N9QDS@ARRL.NET, 847-707-6574, 351 CHERRY COVE LANE, ROUND LAKE BEACH, IL 60073**



Radiofest 2016

July 29 to July 31

Friday – Saturday – Sunday



Medinah Shriners

550 Shriners Dr. (I-355 & Army Trail Rd.)

Addison, IL 60101

COMMEMORATING THE RADIO CORPORATION OF AMERICA

FRIDAY

- Setup Day (NO SALES)
- Main Auction 6:30pm in the Crescent Ballroom
- Food Services Available
- Seller's Packets Available After 5pm

SATURDAY

- 7am Radiofest Opens
- Registration open
- Flea Market open All Day
- Educational Programs
- Ham Radio Ops All Day
- Food Services Available

SPECIAL EXHIBIT *Radio Corporation of America*

- Wireless
- Radios
- Advertising
- Memorabilia

EQUIPMENT CONTEST

- 1 Radios Pre-1930
- 2 Radios/TV's Pre-1945
- 3 Radios/TV's Post-1945
- 4 Advertising/Premiums
- 5 Catalin & Rare Plastic
- 6 Transistor & Novelty
- 7 Speakers
- 8 Vacuum Tube Audio
- 9 Electronics Made In Midwest
- 10 Open Category

SATURDAY NIGHT BANQUET

Dinner, Annual Recognition & Contest Awards

ENTERTAINMENT:

The Windy City Harmonica Trio

See Radiofest registration form for further information

SUNDAY

- Free Sellers' Raffle 9:15am
- Donation Auction 9:30am
- Flea Market Until Noon

SATURDAY PROGRAMS

Shure Unidyne Microphone – *Michael Pettersen (Engineer)*

Antennas: Spark Gap To WWII AM – *Warren Shulz (Broadcast Engineer, retired)*

Vacuum Tube Audio Q&A – *Pete Nauseda (Vintage Audio Expert & Enthusiast)*

Electronic 67-1/2 Volt Battery Replacement: *Mike Bafaro (Owner, Bafaro Engineering)*

Bill Ross Memorial Ham Radio Forum – *Joint presentation by Harry Blesy, Bob Drake, and Ron Grams (long-time club members and ham radio enthusiasts)*

IMPORTANT INFORMATION

ARCI Registration Form: <http://www.antique-radios.org>. **Pre-Registration Deadline:** July 8.

Hotel Reservations: Hilton Garden Inn 1-630-691-0500. Ask for ARCI room rates \$95 per night.

Seller Fees: 1st space: \$45 pre-reg./\$50 onsite. Additional spaces: \$35 pre-reg./\$35 onsite. Saturday Only \$30. Banquet tickets: \$40/person. **TABLE RENTALS:** 6' (\$15) (pre-registration only). No charge for general admission. Membership required for attending programs.

Questions? Email: clubinfo@antique-radios.org or visit: www.antique-radios.org for latest info.

MAIN AUCTION ON FRIDAY NIGHT

The Main Auction will take place on Friday evening in the Crescent Ballroom and adjoining Music Room, with a starting time of 6:30 PM. Check-in for the Main Auction will open no later than 3:30pm. We anticipate another very busy auction this year, so we suggest you allow as much time as possible to register and get your items in place. Sellers will be able to unload their items through the front entrance of the Medinah facility until 6:00PM on Friday. The Crescent Ballroom is easily accessible from the front entrance, but we strongly suggest you bring your own hand truck or rolling cart with you, if you are bringing heavy or oversized items. Ample parking for buyers and sellers will be available in the lot directly in front of the facility.

This year, ARCI will again partner with the Vintage Radio Phonograph Society (VRPS) from Irving Texas to run the main auction, and Nick Tillich, president of the Wisconsin Antique Radio Club, Inc. (WARCI) will handle the computers and processing. Jim Sargent, VRPS member and professional auctioneer, has again generously contributed his time and skills to call the auction, and will be assisted by our team of volunteers.

Fees are unchanged from last year: \$7 per item for sellers (\$10 for non-members), bidding cards at \$3 each (\$5 for non-members) and a 10% buyer's premium applies. There is a limit of 10 lots per person

The auction format will be the same as last year, allowing sellers to continue to state a confidential reserve. We plan to have our trusty team of volunteers and assistants in place to make the check-in/check-out process as smooth as possible. We will do everything to make the check-in/check-out process as smooth and quick as possible, but we know that sometimes the lines can get a little long during these periods. We very much appreciate your continued patience and courtesy during this process.

Our *Radiofest* main auction has gained a well-deserved reputation for having some of the most unique, high quality goods, and we expect much the same for this year. We have been informed that there will be some very interesting items placed in this year's auction, including some rare and collectible vintage hi-fi equipment! So, please plan on making this part of your Radiofest experience. It's great fun, and you may just find that rare treasure you've been looking for! There will food and refreshments available for purchase throughout the duration of the auction.

Please contact John Stone at arcipresident@comcast.net if you have any questions or comments regarding the auction.

RADIOFEST 2016 SPECIAL EQUIPMENT DISPLAY

RADIO CORPORATION OF AMERICA

Commemorate the history of one of the largest and most influential American electronics companies If you have an RCA-related item you wish to display, please fill out the form in this issue.

SATURDAY & SUNDAY SWAP MEET

The Swap Meet will be held in the west parking area of the Medinah Shriners' facility. This is a large, well-maintained parking area that will give us plenty of space for sellers, including those bringing in larger vehicles and trailers. All selling spaces will be pre-assigned by ARCI, and we will strictly enforce those space assignments. As in previous years, all sellers will be asked to check-in at the Registration Area at the entrance to the parking lot prior to occupying their selling space. Parking permits, which must be prominently displayed in each vehicle's windshield, will be given out upon arrival at the lot.

*****SPECIAL NOTICE: NO TENT STAKES OR SCREWS ARE ALLOWED*****

No tent stakes or screws can be used anywhere in the parking lot!

The Medinah facility will invoice the club for any repairs of damage to their parking surface, so please take this requirement seriously.

ANY SELLER CAUGHT DRIVING STAKES OR SCREWS INTO THE PARKING LOT WILL BE BANNED FROM SELLING AT FUTURE RADIOFEST EVENTS.

Parking for buyers and all other Radiofest attendees will be in the main parking lot, directly adjacent to the sellers' lot. It is short and easy walk from one lot to the other. The Hilton Garden Inn Hotel has its own separate lot for all hotel guests.

PROGRAMS

We have worked very hard to put together an interesting and educational series of programs for *Radiofest 2016*. An overview of the outstanding programs along with info about the Radio Clinic is shown below.

<p style="text-align:center"><u>RADIOFEST 2016 PROGRAMS</u></p>
<p style="text-align:center"><u>SHURE UNIDYNE MICROPHONE</u></p> <p style="text-align:center">Michael Pettersen</p> <p style="text-align:center"><i>An overview of the Shure Unidyne's unique position in the history of 20th century broadcast, politics and entertainment, plus the amazing story of the 24 year old immigrant from the Ukraine who invented the Unidyne</i></p>
<p style="text-align:center"><u>VACUUM TUBE AUDIO FORUM</u></p> <p style="text-align:center">Pete Nauseda</p> <p style="text-align:center"><i>An informative Q & A session on repairing and maintaining vintage high fidelity equipment</i></p>
<p style="text-align:center"><u>ELECTRONIC 67½ VOLT BATTERY REPLACEMENT</u></p> <p style="text-align:center">Warren Shulz</p> <p style="text-align:center"><i>The electronic 67.5V substitute battery pack will bring many portable radios back to life. It uses AA batteries and a boost regulator. Possible future product is a 90V battery substitute.</i></p>
<p style="text-align:center"><u>BILL ROSS MEMORIAL HAM RADIO FORUM</u></p> <p style="text-align:center">Harry Blesy - Bob Drake - Ron Grams</p> <p style="text-align:center"><i>Topics of interest for Amateur Radio enthusiasts will be presented. A "Show-and-Tell" of amateur related equipment will also be a part of the program. There will be a door prize drawing for all participants at the conclusion of the forum.</i></p>
<p style="text-align:center"><u>ANTENNAS: SPARK GAP TO WWII AM</u></p> <p style="text-align:center">Mike Bafaro</p> <p style="text-align:center"><i>A presentation focusing on early spark transmitter antennas, "T" top AM radiators and migration to Vertical radiators. Early history of AM vertical radiators and history of the WLS 1938 vertical radiator technology.</i></p>

SATURDAY NIGHT BANQUET

The Crescent Ballroom will be the site of the annual “Carl and Carolyn Knipfel Banquet”. The entertainment this year will feature the Windy City Harmonica Trio. Banquet tickets are priced at \$40 per person. This year, we will change the food service format from pre-ordered limited menu choices to a buffet style banquet with a large variety of meal choices available. The Medinah Shriners’ facility is famous for the high quality of their buffets, so come prepared for a great meal, wonderful entertainment, and an all around good time with your ARCI friends!

PLANS UNDERWAY FOR VINTAGE HAM STATION AT RADIOFEST

Jim Novak, WA9FIH is currently planning our vintage amateur radio station for Radiofest. We typically set up stations capable of AM, SSB and CW operation on the 75/80, 40 and 20 meter ham bands, as well as two meter FM, using gear that dates from the vacuum tube era into early solid state units. A Special Event Station will be on the air all day Friday and Saturday morning until teardown.

Last year, equipment and antennas were provided by Jim Novak WA9FIH, Ed Schumacher WA9GQK, and Chris Farley KC9IEQ. If you have a piece of equipment you would like to bring, either for display or to put on the air, or would like to be involved with operating the station and/or setting up or taking down antennas, please contact Jim at 708-442-4961 or WA9FIH@aol.com. We will be installing antennas and checking out equipment on Thursday afternoon. Thanks!



FREE SUNDAY SELLERS’ RAFFLE

To thank our sellers for participating, we will offer a free Sellers’ Raffle scheduled on Sunday. A number of great items will be raffled off. Sellers must be in attendance to win.

DONATION AUCTION

The donation auction, everyone’s favorite place for real bargains, is scheduled for Sunday morning. Items donated to the club will be sold at either the Donation Table or the Sunday Donation Auction at the discretion of the auctioneer. We encourage everyone to walk the show regularly to see what becomes available. Questions can be addressed directly to Tom Kleinschmidt at tomkleinschmidt@comcast.net.

NEW ARCI CALL LETTERS

By Jim Novak, WA9FIH

FCC ISSUES WA9RCI VANITY HAM CALL TO ARCI

ARCI's long-awaited vanity ham radio club call letters, WA9RCI, were issued May 17, replacing the KC9IPB club call which we held for the past ten years. The change of call letters had been discussed for some time, and our late trustee, Bill Ross, W9WR, had intended to pursue the matter before his passing. Ron Grams, WB9IMR, had agreed to take over the trusteeship of the license, and following discussion and approval by the membership at our April meeting, the vanity call request was filed and subsequently approved by the FCC and issued at no charge to the club (FCC had been charging a fee for these calls until recently, when they decided that it was counterproductive to do so!).

This clears the way for use of our new call, reflecting the club's A-R-C-I initials, for our ham station at *Radiofest*. An Amateur Radio station, using vintage equipment, has been a *Radiofest* tradition going back to the Elgin days during the 1990s when Harry Blesy, N9CQX, set up ham gear at the event for a number of years. In 2005, ARCI applied to the FCC for a Club Station license and received the KC9IPB call, and various members, including Chris Farley, KC9IEQ, Ed Schumacher, WA9GQK, and Jim Novak, WA9FIH, supplied most of the equipment that we used. The mailing address listed on the license is Jim's, who has agreed to continue handling requests for QSL (verification) cards from hams contacting our station.

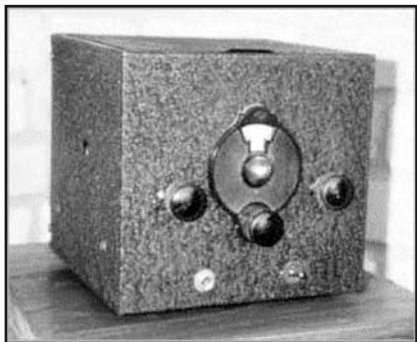
NEWS FROM THE HAMSHACK

By Jim Novak, WA9FIH

NATIONAL RADIO'S VHF RECEIVERS

The National Radio Company in Malden, Massachusetts actually began as a toy company in the early 1900s, but by the 1920s was producing capacitors and other components for other manufacturers including Browning & Drake, and in the early 1930s began selling their own SW-2 regenerative shortwave receivers, followed by the SW-3, -4, and -5. James Millen, W1HRX, joined the company in 1927 and remained until 1939. National went on to manufacture quality equipment for the CAA (predecessor to the FAA) and other governmental agencies, and produced many components and receivers, including the famed HRO series, for our military during WWII. Following the war, the company continued producing communications equipment under government contracts, but also marketed general coverage and ham band receivers, as well as a series of SSB transceivers for the Amateur Radio community, including the NCX-3, NCX-5, NCX-200, NCX-500, and NCX-1000. The company became insolvent in the late 1980s, and its assets were liquidated in a bankruptcy proceeding in 1991. This article will focus on their VHF receivers.

The first receiver National produced that covered frequencies above 10 Meters was the SRR (Super Regenerative Receiver) which somewhat resembled the SW-3, and came with a plug in coil covering the ham 5 Meter band – 56 to 60 Mc. (NOTE: Amateur pre-war VHF bands were 5 and 2-1/2 Meters, which became 6 and 2 Meters in a realignment of frequency allocations after the war). Optional coil sets were available for the SRR that provided coverage for 80, 40, 20 and 10 Meters.



National's first real VHF receiver was the 1-10, with general coverage from 27 to 250 Mc in 6 bands. A super-regenerative design, it was capable of CW, AM and FM reception, and used the Marconi CW vernier dial with hand calibrated tuning charts. Type 954 and 955 acorn tubes were used in the RF and detector stages, and two octal based tubes provided audio amplification. An external 5886 "doghouse" AC power supply was required, or the set could be run on battery power. The 1-10 and its successor, the 1-10A, with different audio tubes and a redesigned front panel, were produced from about 1938 through 1949. They had a selling price in 1938 of \$85, equivalent to about \$1442 in 2016 dollars! The 1-10 series used a pair of binding posts for balanced line lead in connecting to a dipole antenna cut to frequency of choice. The early 1-10 had its binding posts on top of the radio, whereas the 1-10A's binding posts protruded from the right side.



National Models 1-10 and 1-10A.



National Model 1-10.

Acorn tubes, by the way, got their name by their shape. They were physically small and without traditional bases, with pins extending radially. Depending on design, some had a pin coming out of the top and/or bottom. They plugged into flat, ring shaped low-loss ceramic sockets, and their design provided the shortest possible paths for RF, minimizing excessive stray inductance and capacitance, so important in the design of VHF equipment.



Acorn Tubes.

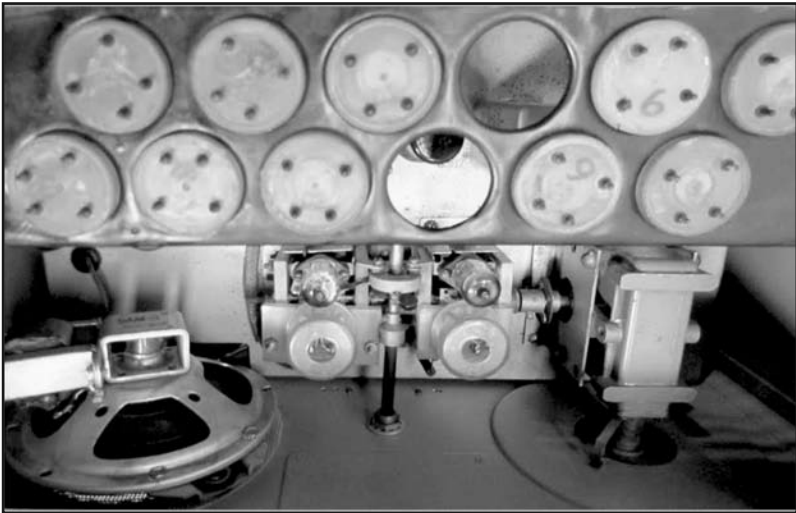


Acorn Tube in Socket.

The 1-10 series was succeeded in 1949 by the HFS receiver/converter, a super-regenerative superhet design that could be used as a stand-alone radio, or provided 10.7 Mc output to feed into an HF communications receiver resulting in dual conversion if greater image rejection and selectivity was desired. The HFS also used a PW tuning dial with calibrated tuning charts, and six plug in coil sets that could be stored in a rack under the radio's hinged top cover. It also had a built in speaker. Like its predecessor, it required an external power source such as the Model 5886. By the time the HFS was designed, seven pin miniature tubes were available, and a 6AK5 was used in the front end as a converter (First Detector, as it was called then). One other miniature tube, a 9002 HF Oscillator, was used. The remainder of the seven tube circuit was comprised of octal based tubes



National Model HFS and 5886 Power Supply.



Interior of National Model HFS.

The HFS, which was available until about 1952, sold for \$125 plus \$22 for the power supply, and provided continuous coverage from 27 to 250 Mc. Other options included a 686S 6 Volt DC Vibrator power supply for mobile or battery use, and a TB-1 tilt base.

Some of the information included in this article was obtained from WOVLZ's National Tour, an excellent web site describing many of their products.

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!!!

A business card for 'Just Radios' featuring a vintage radio on the left and electronic components on the right. The text on the card includes the company name, a list of products, and contact information for David and Babylyn Cantelon.

Just Radios
Capacitors & Resistors for Tube Radios

David and Babylyn Cantelon
6 Ferncrest Gate, Scarborough
Ontario, Canada, M1W 1C2

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

CLUBING AROUND

MIDWEST CLASSIC RADIO HAMBOREE

The Midwest Classic Radio Net will have its annual Hamboree on June 19, 2016 (rain or shine) during the ARCI-SIX METER CLUB Hamfest. This is the vintage ham radio operators and collectors event of the year. This is a meet dedicated to vintage ham and communications equipment, and it is also a social gathering of those who are interested in the vintage gear. MCRN is a gathering of hams that operate “boat anchor” equipment on a weekly 3885 kHz AM net. See <http://hamboree.tripod.com/> or contact Harry Blesy at n9cqx@hotmail.com.

ANTIQUÉ WIRELESS ASSOCIATION

The Antique Wireless Association will hold its Annual Convention on Aug. 17-20, 2016 in Rochester, New York at the RIT Inn and Conference Center (see separate ad). The dual theme this year is THE ZENITH CORPORATION and “WIRELESS BEFORE RADIO.” Come see the new Western Union Display and the expanded Voice of America Delano California station in the museum! With more than 30 presentations in the planning, this is the best historical conference in the country for people interested in the history of electronic communications. Come and visit the new museum, see the expanded campus, and explore the library and media center. The AWA, our national affiliate, publishes the AWA Journal and the AWA Review. Dues are \$35 per year. Information can be found at www.antiquewireless.org.

WISCONSIN ANTIQUE RADIO CLUB, INC.

The next WARCI meeting will take place July 17, 2016 at the Terminal, located at 5917 South Howell Street in Milwaukee near the airport from 8AM-11AM. For information about the club, please contact President Nick Tillich at president@warci.org, or see the web site at www.warci.org.

NORTHLAND ANTIQUE RADIO CLUB

NARC will hold its annual meeting and mini swap meet in September 2016. For information about the event, please see <http://www.northlandantiqueradioclub.com/index.shtml>.

MICHIGAN ANTIQUE RADIO CLUB

MARC's Vintage Electronics Extravaganza will be held July 7-9, 2016 at the Kalamazoo Expo Center in Kalamazoo, Michigan. This is one of the top shows of the summer. For more information see <http://michiganantiqueradio.org/events/>.

INDIANA HISTORICAL RADIO SOCIETY

The IHRS Summer Meet will be Saturday, August 13, 2016 from 8-11 am at the Cool Creek Park Nature Center in Carmel, Indiana (East of US 31 and North of 151st Street in Carmel). The IHRS Fall Foliage Meet will be October 1, 2016 from 8am to noon at the Riley Park Shelter, Greenfield, Indiana (one block north of US40 on Apple Street). For more information see <http://www.indianahistoricalradio.org/ihrsched.htm>.

PAID ADVERTISING

55th AWA WORLD CONVENTION AUGUST 17-20, 2016



Five Days of Total Immersion in Radio Lore, Artifacts and Equipment

ENJOY THE FELLOWSHIP • LEARN FROM THE PROGRAMS • ACQUIRE OR SELL RADIO TREASURES

Special Dual Conference Themes: Wireless Before Broadcasting and Zenith Radio

- Visit the AWA Museum With Expanded Conference Hours
- Expanded Old Equipment Contest Includes Special Categories for the Special Convention Themes
- Flat Rate Buys Unlimited Flea Market Space
- All New Forums and Presentations
- Food, Glorious Food! Pizza Party, All You Can Eat Buffet, Ladies Luncheon, 55th Anniversary Banquet
- Movie Night – Relax With Popcorn and Drinks
- Special Event Station W2AN



Location: The Rochester Institute of Technology Inn & Conference Center, Rochester, NY

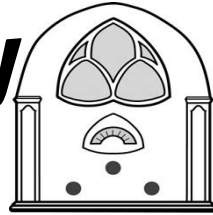
Directions: From Exit 46 of the New York Thruway (I-90), take I-390 North to NY 253 West to NY15 South. Look for the RIT building about 0.7 miles on the right.

For more information and to register online, visit www.antiquewireless.org

Questions? Call Chairman Roy Wildermuth at 585-899-6703.

Mid-Atlantic Antique Radio Club presents

RadioActivity 2016



June 23 — 25 in Timonium, MD

Theme: Western Electric

This year we are joined by the
Tube Collectors Association (TCA)

Tube & Ephemera
Auction
- Thur. Evening

Flea Market starts
6:00 am Friday
(No flea marketing Thurs.)

Friday Banquet talk
on "Wurlitzer" by
Dave Harris

MAARC's Old
Equipment
Contest - Friday

Interesting Seminars on
Friday and Saturday:
::Weston Test Equipment

Saturday Main
Auction
- Starts at Noon

To register, and for full agenda, auction news and policies,
OEC categories, and directions, see the March or April edition
of RADIO AGE (the MAARC monthly publication)

or visit our website: **www.maarc.org**

THE VINTAGE HAM RADIO OPERATORS AND COLLECTORS
EVENT OF THE YEAR

MIDWEST CLASSIC RADIO HAMBOREE

The 2016 event will be held as part of the
SIX METER CLUB OF CHICAGO
and the

ANTIQUe RADIO CLUB OF ILLINOIS'
HAM RADIO AND ELECTRONIC FLEA MARKET

SUNDAY, JUNE 19, 2016

AT THE

**DU PAGE COUNTY FAIRGROUNDS
WHEATON ILLINOIS**

<http://MCRN3885.net/>
(MCRN3885.net)



www.michiganantiqueradio.org

If you could only attend
one out-of-state radio
swap meet, it should be
the 31st annual:

EXTRAVAGANZA '16

July 7, 8 and 9

The Michigan Antique Radio Club in
conjunction with Telephone Collectors Interna-
tional is proud to announce this year's theme...

Department Store Radios

AT OUR ALL INSIDE LOCATION
THE KALAMAZOO EXPO CENTER
KALAMAZOO, MICHIGAN

VINTAGE
ELECTRONICS
E · X · P · O



For show information and a brochure,
contact Mark Goodwin
1-734-316-2803
Email: mrkgoodwin@comcast.net

Wisconsin Antique Radio Club, Inc.

www.warci.org

We welcome you to our upcoming meet:

July 17, 2016 ~ ~ 7am-11am

The Terminal, 5917 S Howell
Milwaukee, WI 53207

Doors open at 7:00 AM.

The flea market starts at 8:00 AM,
announcements are held at 10:00 AM
followed by the donation auction and free pizza!

Swap meet spaces are \$7 for WARCI members and
\$10 for non-members.

More information is available at www.warci.org or
call WARCI President Nick Tillich at 262-271-1564.



ARCI NEWS

Antique Radio Club of Illinois

PO Box 1139

LaGrange Park, IL 60562