



# ARCI NEWS

[www.antique-radios.org](http://www.antique-radios.org)

Affiliated AWA  
Antique Wireless Association 

Volume 37, Issue 4  
August, 2018

## RADIOFEST 2018 - NEW DATES THIS YEAR AUGUST 24-25



## RADIOFEST NEW DATES THIS YEAR!

*(Photos by Dan Schoo -- Radiofest Flea Market 2017)*

# RADIOFEST AUGUST 24-25, 2018

**MEDINAH SHRINERS' FACILITY IN ADDISON, IL  
I-355 and Army Trail Road**

**Hilton Garden Inn Addison  
551 N Swift Road, Addison, IL 60101**

**See Details In This Newsletter**



## 2018 ARCI MEET SCHEDULE

August 24-25, 2018	RADIOFEST	Medinah Shriners/Addison, IL
October 7, 2018	7AM-11AM Outdoor Swap Meet Business Mtg./Officer Election 10AM	American Legion Hall Carol Stream, IL (See Map)
December 9, 2018	7AM-11AM Indoor Swap Meet Business Meeting 10AM	American Legion Hall Carol Stream, IL (See Map)

# PRESIDENT'S MESSAGE

If you have not already done so, it is not too late to make your plans to attend “The Antique Radio Event of the Summer”. Your ARCI club officers and *Radiofest 2018* volunteers are hard at work to make *Radiofest 2018* a truly memorable experience. Based on registrations received so far, it looks like turnout is going to be really strong, ***so please send in registration forms by August 09, 2018.*** We are also really enthusiastic about returning to the Medinah Shriners venue. Their large, separate swap meet lot is directly adjacent to an equally large parking lot for *Radiofest* attendees. There is plenty of room for both buyers and sellers! The Shriners’ banquet facility is first-rate, with a huge ballroom for our auction and banquet, and plenty of additional space for our programs and displays. Please find the latest updated information about *Radiofest 2018* throughout this issue of *ARCI News*.

***AUCTION...***Registration for the *Radiofest* auction on Friday evening, August 24, opens officially at 3:30 PM, but we will make every effort to open up as early as possible, once our auction volunteers have completed their setup. We strongly urge you to arrive early to avoid long lines and delays at the registration desk. The auction is always a very popular event, and the registration lines get longer as the afternoon goes on. Your patience and understanding are always appreciated. All items for auction must come through the main entrance of the Shriners’ facility. There is a driveway directly in front of the entrance where you can park temporarily to drop off your items. We want to avoid vehicles blocking the entrance, so we ask that you immediately move your vehicle to the parking lot before taking your items to the ballroom. The Crescent Ballroom entrance is located straight across from the outside entrance to the facility. We strongly suggest you bring a hand truck or cart with you, especially if you are transporting large or heavy items. There will also be some carts available, but expect these to be in “heavy rotation”. Parking for auction attendees will be in the parking lot directly in front of the facility. Ample parking will be available. Please also note that only sellers with permits to park in the swap meet lot will be allowed to park there during the auction. The swap meet lot will not be available for general parking at any time during *Radiofest.*

***HOTEL ROOMS...***The Hilton Garden Inn informs us that a small number of rooms are still available at the special ARCI rate. But, we expect to completely sell out the entire room block. If you have not made reservations yet, please do so as soon as possible. **IMPORTANT! HOTEL RESERVATIONS MUST BE RECEIVED BY AUGUST 09, 2018 TO RECEIVE THE SPECIAL ARCI RATE!** In the event the Hilton is completely full, the closest alternate hotels to the Hilton Garden Inn are:

### *Alternate Hotels*

Hampton Inn & Suites: (630) 495-9511

Fairfield Inn & Suites: (630) 629-1500

***FOOD & DRINKS...***We are working closely with the Shriners catering department to provide a selection of food and drinks for purchase during both the auction and the swap meet. Details are still being worked out as of this writing. In addition, the nearby Hilton Garden Inn restaurant will be open for breakfast, lunch and dinner, on all days, with extended lunch hours on Saturday. A list of restaurants in the vicinity of the Shriners facility will also be available at the *Radiofest* registration table.

**NO ELECTRONICS DISPOSAL...***Radiofest* attendees cannot dispose of electronics onsite. The Illinois EPA has substantially tightened the rules regarding disposal of electronics items in state landfills. We are required to keep regular trash and electronic waste separate at the meet. This means *no electronics may be placed in our trash containers*. A separate area for electronic items will be provided. Due to cost and size constraints, we will be required to place limits on items that are placed in the disposal/donation auction area. The main purpose will be for disposal of items that did not sell in the donation auction. We therefore ask for your cooperation on the following: Do not use our recycling area at *Radiofest* for any electronics you simply intend to throw away. We cannot accommodate such items and they should not be brought to *Radiofest*. Items to be placed in our donation auction should have a reasonable possibility of being useful to another collector. In other words, please exercise discretion when placing items in the auction pile. If you do not believe anyone will really want it, then please do not put it in the auction. We will be monitoring the donation auction area carefully, and ARCI does reserve the right to reject any item that we do not deem acceptable for the donation auction. We thank you in advance for your cooperation in this important matter.

**TENT STAKES ARE STRICTLY PROHIBITED...**Just a friendly reminder: Our agreement with the Medinah Shriners strongly stipulates that no tent stakes will be used in the swap meet lot. This rule will be strictly enforced by ARCI.

*See You At The Next Meet,  
Steve Muchow  
ARCI PRESIDENT*

## **ARCI UPDATE**

**The President's Column ~ All The News That's Fit To Print**

### **ARCI EMAIL LIST**

ARCI is updating the email listings used for club announcements and our notifications of radios available for sale. If you wish to be added or removed from this ARCI distribution list, please send a request to [clubinfo@antique-radios.org](mailto:clubinfo@antique-radios.org). Be sure to include the email address where the notifications are currently being received.

## **JUNE COMBINED MEET DRAWS LARGE CROWD**

Our June 2018 ARCI meet was once again combined with the Six Meter Club and the Midwest Classic Radio Net (MCRN) Hamfest at the DuPage County Fairgrounds in Wheaton. The weather was brutal that day with a temperature-humidity index near 100 degrees. Understandably, the turnout of buyers and sellers was not quite as strong as last year. The Amateur Radio swap area contained a variety of "boat anchor" radios, parts and the usual range of eclectic items typically found at a classic hamfest. Even with the hot weather, ARCI members formed the popular ARCI "Radio Row" filled with

interesting offerings. The usual array of items was on display, including great deals on radios, audio gear, and parts. ARCI's sales of donated items through its donation auction added \$260 to the ARCI bottom line. Thanks to Tom Kleinschmidt who ran another successful donation auction. And thanks again to all who spent the early hours of their busy Father's Day to participate in this great meet.

Our greatest needs are in:

- *Main Auction and Parking Lot Preparation (Friday afternoon and evening).*
- *Old Equipment Contest registration.*
- *Registration.*



## **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, please consider volunteering to help us out. If you are available and would like to help us out, please contact Steve Muchow at [smuchow@att.net](mailto:smuchow@att.net).

Our greatest needs are in:

- *Main Auction and Parking Lot Preparation (Friday afternoon and evening).*
- *Old Equipment Contest registration.*
- *Registration.*
- *Removal of signs and related items prior to the banquet (Saturday afternoon)*

# RADIOFEST SPONSORS

## ARCI Thanks All Our Partners and Sponsors

### RADIOFEST SPONSORSHIPS

It is not too late to participate in our ARCI Corporate Sponsorship program and our Member-Sponsor program for *Radiofest*. The *Radiofest* brochures and other *Radiofest* advertising will be printed in June. 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. *Radiofest* 2018 is almost upon us. Please contact Steve Muchow at [smuchow@att.net](mailto:smuchow@att.net) or Art Bilski at [art@myantiqueradio.com](mailto:art@myantiqueradio.com) with final 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. I am aware of a number of organizations that 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 Steve Muchow at [smuchow@att.net](mailto:smuchow@att.net).



Boy Scout Venture Crew 32

Post 76

Capacitors and Schematics For Tube Radios  
[www.justradios.com](http://www.justradios.com)



# ARCI

## MEMBERSHIP RENEWALS



**PLEASE CIRCLE YOUR MEMBERSHIP:**

<b><u>Membership Option</u></b>	<b><u>Dues</u></b>	<b><u>Benefits</u></b>
Annual Membership	\$ 25	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: \_\_\_\_\_



# **I WANT YOU TO VOLUNTEER WITH ARCI !!**

*We Need Your Help To Run Your Club!!*

- ARCI News – Authors, Contributors
- Radiofest – Volunteers
- Local Meets – Volunteers
- Radiofest Staff – Auction, Registration
- Radiofest Hospitality Tent – Donors, Staff

**Earn your stripes today!**

*Please Contact Your Board Members & Club Officers*

*Steve Muchow, ARCI President*

*[smuchow@att.net](mailto:smuchow@att.net)*



# RADIOFEST 2018 PLANNING UPDATE

By Steve Muchow, ARCI President

**\*\* NEW DATES -- Radiofest 2018 -- NEW DATES \*\***

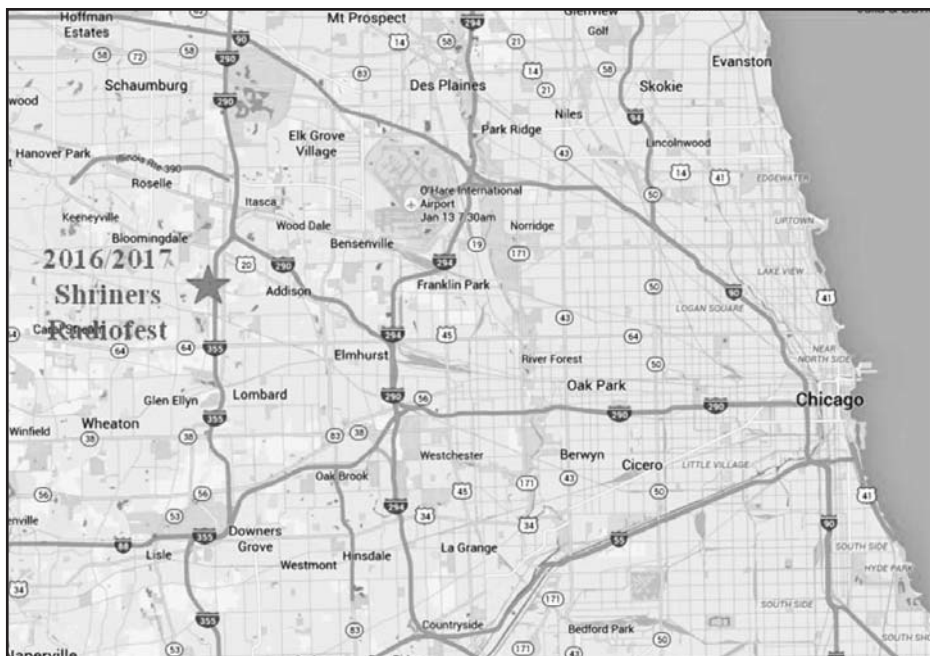
**Friday August 24 - Saturday August 25**  
**Medinah Shriners**  
**550 N. Shriners Drive**  
**Addison, IL 60101**

*Radiofest 2018 will take place at the end of August due to conflicts at the Medinah Shriners. We hope to return to an early August schedule in 2019.*

Reserve the dates of Aug. 24-25. Building on the tremendous success of *Radiofest 2017*, we are enthusiastically putting together a two-day schedule of events that will be very similar to last year, except for a few minor changes due, in part, to the elimination of Sunday morning. Be sure to reserve the dates shown above on your calendar for *Radiofest 2018!*

**LOCATION:** We will return to the **Medinah Shriners in Addison, Illinois**. This new, modern, upscale facility is across from a **Hilton Garden Inn**. The Medinah Shriners is located at the junction of I-355 and Army Trail Road in Addison. This is a very convenient location that can be easily accessed from all directions within the entire Chicago area. See the map below for location details.





**HOTEL:** Our official hotel for *Radiofest 2018* 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 again helped us negotiate a really great price with the hotel at a rate of \$95 per night—same as 2017. This is a really nice hotel at a great price. You will not be disappointed!

Reservations for the hotel are now open! We have secured a block of rooms at the Hilton Garden Inn and reservations for the hotel are now open! You can go to the online reservation system, which has been set up exclusively for *Radiofest* reservations, at this web site:

[http://hiltongardeninn.hilton.com/en/gi/groups/personalized/C/CHIAHGI-RAD18-20180823/index.jhtml?WT.mc\\_id=POG](http://hiltongardeninn.hilton.com/en/gi/groups/personalized/C/CHIAHGI-RAD18-20180823/index.jhtml?WT.mc_id=POG)

Or, you can call the hotel at: 630-691-0500. Mention *Radiofest* to the friendly reservation agent to get the special discount rate. NOTE: HOTEL RESERATIONS MUST BE RECEIVED NO LATER THAN AUGUST 9, 2018 TO RECEIVE THE SPECIAL ARCI RATE.

<p><b>RADIOFEST</b>  <b>Medinah Shriners</b>          550 Shriners Drive          Addison, IL 60101          (630)-458-0200</p>	<p><b>HOTEL</b>  <b>Hilton Garden Inn Addison</b>          551 N Swift Road          Addison, IL 60101  <a href="http://hiltongardeninn3.hilton.com">hiltongardeninn3.hilton.com</a>          (630) 691-0500</p>
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**SCHEDULE:** Just like 2017, we will start the action with our Friday night auction, followed on Saturday morning by the swap meet through mid-afternoon. The swap meet will again be located in its own large parking lot at the west end of the facility. There will be plenty of seller spaces available with lots of room between rows for maneuvering a small truck or a vehicle with a trailer. The sellers' lot is also totally out of the main traffic flow, which is good for those walking around the swap meet. The pavement will be marked with parking spaces and continues to be in excellent physical condition. Directly adjacent to the sellers' lot is the main parking lot, with over 170 spaces available for buyers and visitors. It is an easy walk from one lot to the other, with plenty of spaces available. This parking layout is well-suited for *Radiofest!*

**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.

**PROGRAMS:** Our speakers' programs, contest, and display will occur throughout the day on Saturday, followed by the Carl & Carolyn Knipfel banquet on Saturday night. *Radiofest 2018* speakers' programs will feature three sessions, with a break during the noon hour. Programs will include topics on broadcasting program material through your antique radio, mechanical television, and the Bill Ross Ham Forum with a focus on Heathkits and the Heath Company.

**DISPLAY:** This year, *Radiofest 2018* will commemorate Electronic Kits. Chances are if you have been around antique radios for a while, you have either built or used a piece of equipment that started out as a kit. Remember names like Heathkit, Allied Radio/Knight Kit and EICO? These are the big names, but there were and continue to be other companies offering kits for radios and electronics equipment. Do you have nice examples of built or unbuilt kits you might be interested in sharing in the display? Along with the kit, any related documentation such as the instruction manual, advertising literature and even the original box would enhance the display.

**CONTEST:** This year's contest categories will include the electronic kits brought in for display and other categories.

**APPRAISALS:** We will also have our popular appraisal tent and the outdoor ham station with special ARCI club call letters WA9RCI.

**DONATIONS:** The usual donation auction will be held late in the afternoon on Saturday. Keep in mind that you may purchase donated items throughout the day without having to wait for the actual donation auction. Either way, your purchase will likely be a bargain! We are always looking for suggestions on ways to improve it. If you have a good idea, please contact Steve Muchow at smuchow@att.net.

**BANQUET:** Banquet tickets are priced at \$40 per person. The Banquet Buffet menu will be: Tossed salad with three dressings, Roast sirloin of beef with Bordelaise sauce, Penne pasta in Marinara sauce, Baked herbed chicken breast, Twice baked potato, Broccoli, Cauliflower, Assorted fresh fruit tray, Vanilla ice cream with chocolate topping. Beverage choice will be coffee, hot or iced tea. Entertainment will be provided by the Eddie Karosa, Jr. Band.

**5 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!

**UPDATES:** Watch for additional *Radiofest 2018* information in future editions of the ARCI NEWS, *Radiofest* mailings and our ARCI web site [www.antique-radios.org](http://www.antique-radios.org). With our wonderful location and our dedicated team of ARCI volunteers, you can understand why we are enthusiastic as we plan for our largest event. So, mark your calendars and start making plans to attend! Please feel free to contact me at [smuchow@att.net](mailto:smuchow@att.net) should you have any questions, comments, or suggestions.



## ***RADIOFEST 2018 FEES***

***Selling Spaces*** – 1st \$45.00 Pre-registration, \$50.00 Onsite; Additional Spaces  
\$25.00 Pre-registration, \$35.00 Onsite

***Banquet*** – \$40.00 each

***Entertainment: Eddie Korosa Jr. Band***

***6' TABLE RENTALS*** – \$15.00 each

*Only through pre-registration*

## ***RADIOFEST 2018 PRELIMINARY SCHEDULE***

### **FRIDAY (8/24)**

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

### **SATURDAY (8/25)**

7am Registration / *Radiofest* Opens  
Flea Market 7am - 3pm (West Lot)  
Special Event Ham Radio Station - All Day  
Educational Programs (Room B)  
Old Equipment Contest (Music Room)  
Donation Sale - 7am till 3pm  
Donation Auction at 3:30pm  
Banquet & Entertainment (Crescent Ballroom)

## ***RADIOFEST 2018 PRELIMINARY PROGRAMS (As of June)***

***11am***

***Bill Ross Memorial Ham Radio Forum***

***Topic: History of Heathkit***

Harry Blesy, Bob Drake, Ron Grams

Guest speakers: Erich Brueschke & Michael Mack

\*\*\*\*

***1pm***

***Mechanical Scanning System Developed by the  
Chicago Television & Research Laboratory***

Ralph Taylor

\*\*\*\*

***2pm***

***Vintage Radio Programming on your Antique Radio***

Pete Nauseda

**RADIOFEST 2018**  
**SPECIAL EQUIPMENT DISPLAY**

**ELECTRONIC KITS**

*Commemorate the history and evolution of radio and electronics kits.*

*If you have any items you wish to display,  
please fill out the form in this issue or contact the organizers*

**RADIOFEST 2018 CONTEST CATEGORIES**

*With Awards For:*

*Dr. and Mrs. Ralph Muchow "Best Of Show" Award*

*People's Choice Award*

*1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Per Category*

*Radios and Apparatus Pre-1930*

*Radios/TVs Thru WWII (Up to 1945)*

*Radios/TVs Post WWII (After 1945)*

*Advertising / Premiums*

*Speakers*

*Electronic Kits*

*Open*

**RADIOFEST 2018 BANQUET ENTERTAINMENT**

**Eddie Korosa Jr. Band**



# RADIOFEST

**August 24 and August 25th, 2018**



**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](http://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 \_\_\_\_\_

**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 \$ \_\_\_\_\_

Names for banquet name tags \_\_\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY STATE ZIP \_\_\_\_\_

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, 2018. 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](http://www.antique-radios.org) or send e-mail to [clubinfo@antique-radios.org](mailto:clubinfo@antique-radios.org)

**FOR OFFICIAL USE ONLY**

Date Received \_\_\_\_\_ Registration # \_\_\_\_\_ Check # \_\_\_\_\_ Spaces \_\_\_\_\_

# SPECIAL RADIOFEST DISPLAY

## ELECTRONICS KITS

This year we are celebrating radio and electronic kits. We invite you to participate in our special display theme for *Radiofest 2018*. 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 radio and electronics kit and kit-related items. We are looking for your contributions such as but not limited to:

- Early (1940s to 1960s) tube or transistor radios
- Kits (built and unbuilt) from well-known and lesser-known suppliers
- Test equipment
- Hi-Fi and Stereo
- Unusual product categories
- Related items such as original boxes that housed the kit
- Any original documents such as building instructions 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 2018 SPECIAL DISPLAY REGISTRATION FORM* which will be available at the April meet and is also downloadable from our ARCI website. Submit it to Jeff Aulik or Barry Janov by August 1st for consideration by the committee. Our intent is to notify each applicant no later than August 1 (two weeks prior to the show) 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 Jeff Aulik at [akent36@comcast.net](mailto:akent36@comcast.net) or Barry Janov at [marconifon@gmail.com](mailto:marconifon@gmail.com) if you would like to participate







# RADIOFEST 2018



## SPECIAL DISPLAY AUGUST 25, 2018

### REGISTRATION FORM APPLICATION DEADLINE AUGUST 1, 2018

#### **\*\*ELECTRONICS KITS\*\***

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. 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 BARRY JANOV AT: [marconifon@gmail.com](mailto:marconifon@gmail.com) OR  
JEFF AULIK, 1708 PARKVIEW AVE, ROCKFORD, IL, 61107 AT: [akent36@comcast.net](mailto:akent36@comcast.net)**



# Radiofest 2018

**August 24-25**

*Friday – Saturday*

**Medinah Shriners**

550 Shriners Dr. (I-355 & Army Trail Rd.)  
Addison, IL 60101



## COMMEMORATING ELECTRONIC KITS

### 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 Electronic Kits*

- Radio / TV / Hi-Fi
- Test Equipment
- Memorabilia
- Advertising

### *EQUIPMENT CONTEST*

- 1 Radios/Apparatus Pre-1930
- 2 Radios/TVs Thru WWII (Up to 1945)
- 3 Radios/TVs Post WWII (After 1945)
- 4 Advertising/Premiums
- 5 Speakers
- 6 Electronic Kits
- 7 Open Category

### *SATURDAY NIGHT BANQUET*

Dinner, Annual Recognition & Contest Awards

### *ENTERTAINMENT:*

*Eddie Korosa Jr. Band*



See *Radiofest* registration form for further information

### SATURDAY PROGRAMS

**Bill Ross Memorial Ham Radio Forum** – History of Heathkit – *Joint presentation by Harry Blesy, Bob Drake, & Ron Grams with guest speakers Erich Brueschke & Michael Mack*

**Mechanical Scanning System: Chicago Television & Research Laboratory** – *Ralph Taylor*

**Vintage Radio Programming on your Antique Radio** – *Pete Nauseda*

### IMPORTANT INFORMATION

**ARCI Registration Form:** <http://www.antique-radios.org>. **Pre-Registration Deadline:** July 1.

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

**Seller Fees:** 1st space: \$45 pre-registration/\$50 onsite. Additional spaces: \$25 pre-reg/\$35 onsite. 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](mailto:clubinfo@antique-radios.org), or visit: [www.antique-radios.org](http://www.antique-radios.org).

## 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. John Stone will be managing and coordinating the auction.

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 is 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 [jmsent2@comcast.net](mailto:jmsent2@comcast.net) if you have any questions or comments regarding the auction.

## 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 Eddie Korosa Jr. Band**, an award-winning group playing all types of music. Banquet tickets are priced at \$40 per person. The Banquet Buffet menu will be: Tossed salad with three dressings, Roast sirloin of beef with Bordelaise sauce, Penne pasta in Marinara sauce, Baked herbed chicken breast, Twice baked potato, Broccoli, Cauliflower, Assorted fresh fruit tray, Vanilla ice cream with chocolate topping. Beverage choice will be coffee, hot or iced tea. So come prepared for a great meal, wonderful entertainment, and an all around good time with your ARCI friends!



*Radiofest 2018 Banquet Entertainment – Eddie Karosa Jr. Band.*

## **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 Saturday until teardown.

Last year, equipment and antennas were provided by Jim Novak WA9FIH, Ron Grams, WB9IMR, and Steve Muchow, K9AHS. 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 708-420-9571 or WA9FIH@aol.com. We will be installing antennas and checking out equipment on Friday. Thanks!

## FREE SELLERS' RAFFLE

To thank our sellers for participating, we will offer a free Sellers' Raffle scheduled on Saturday. 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 Saturday afternoon. Items donated to the club will be sold at either the Donation Sale Table or the Saturday 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](mailto:tomkleinschmidt@comcast.net).

## **NEWS FROM THE HAMSHACK**

**By: Jim Novak, WA9FIH**

## HALLICRAFTERS' LINE OF KITS

In keeping with the Radiofest theme this year, this month's ham radio column will focus on kits, specifically those offered by Hallicrafters. A Chicago-based company formed by Bill Halligan in 1931, Hallicrafters was well known for their short wave equipment, both receivers and transmitters, and military versions of their equipment, including the S-36 and SX-28 receivers and HT-4 (BC-610) transmitter, were produced by the thousands during World War II.

Although many ham operators opted for factory assembled receivers in the pre-war era, "homebrewing" transmitters was a common practice. Enthusiasts worked mostly from magazine articles and using parts purchased over the counter or through the mail. By the 1950s, equipment designs became more sophisticated and required many unique components. A number of manufacturers responded by offering complete kits containing all the necessary electronic parts. These sets came with nice looking cabinets and assembly documentation, including schematic diagrams, pictorials, and step-by-step written instructions that made kit building attractive to so many electronic hobbyists.

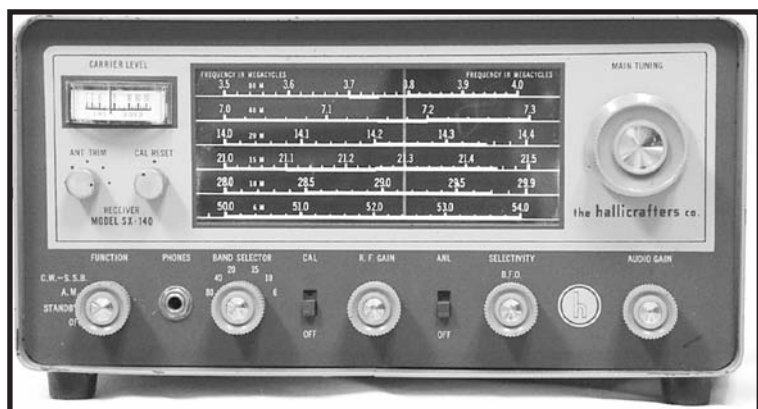
Among the most well-known names in electronic kits, including Amateur Radio transmitters, receivers, and accessories, were Heathkit, Allied Radio's Knight Kits, and EICO. Hallicrafters decided to offer several pieces of their ham equipment in kit form in the early 1960s, including the HT-40 transmitter and matching SX-140 receiver.



*Hallicrafters Model HT-40 Transmitter.*

The HT-40 and SX-140 were compact units covering the 80 through 6 Meter ham bands. They were moderately priced and aimed at the beginning ham who could use them for Morse code operation. These kits were perfect for the introductory FCC Novice Class license and later, upgrading to Technician Class. Six Meter AM voice operation was possible, and, of course, if the user upgraded to General Class, AM could be used throughout the ham band allocations. Both the HT-40 and SX-140 were also available factory assembled: the HT-40 sold for \$89.95 as a kit, \$109.95 assembled; and the SX-140 was offered at \$104.95 in kit form, \$129.95 factory wired.

The crystal-controlled HT-40 used a 6DQ5 final amplifier running at 75 Watts plate input maximum (FCC Novice Class maximum) and employed screen modulation for voice operation. It doubled in the final stage for 6 meter operation, resulting in reduced output of only about 10-15 Watts. A matching HA-5 heterodyne type VFO was available as an accessory, which could be used with other similar transmitters such as Allied Radio's Knight Kit T-60. The HA-5 had 80 through 2 Meter capabilities, but 6 and 2 Meter operation required purchasing extra crystals.



*Hallicrafters Model SX-140 Receiver.*

The matching SX-140 receiver covered the ham bands only, with a large “slide rule” dial window. It required an external speaker or headphones, and had a rather wide 1650 kHz IF, with a regenerative IF stage that provided a bit more selectivity, sort of like a built in “Q-Multiplier.” Five tubes were used: 6AZ8, 6U8, 6BA6, 6T8 and 6AW8.

In addition to the above pieces of ham gear, Hallicrafters also dabbled in the test equipment market. It offered a range of useful kits, including the HC-1 Capacitance Meter, HG-1 RF Signal Generator, HO-1 (5 MHz) Oscilloscope, HP-1 Low Voltage Power Supply, HM-1 VTVM, and several resistance and capacitance decade boxes.



*Hallicrafters Model HP-1 Low Voltage Power Supply.*



*Hallicrafters Model HG-1 Signal Generator.*



*Hallicrafters Model HA-5 Variable Frequency Oscillator (VFO).*

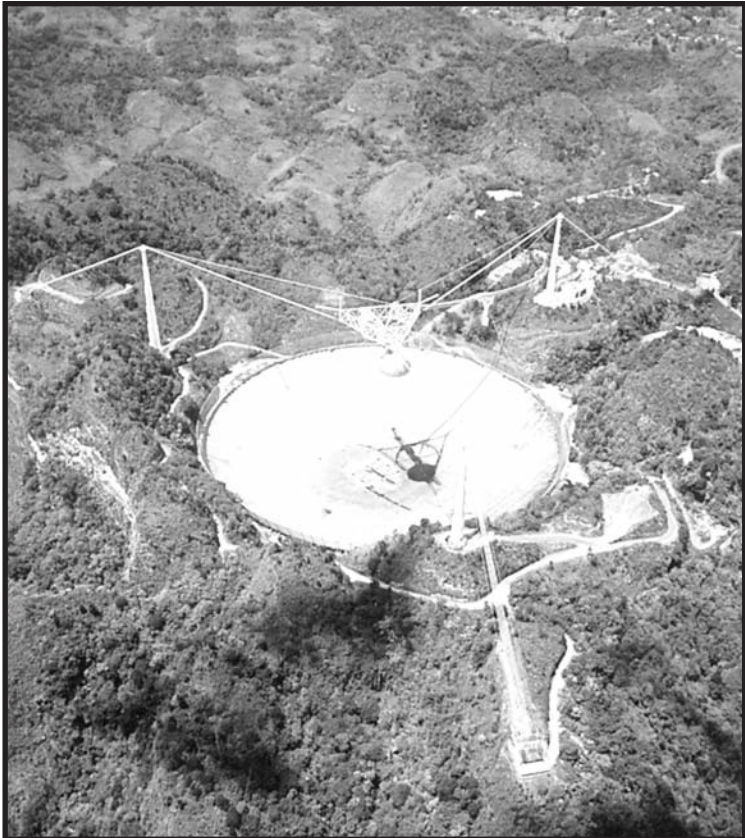
# RADIO ZONE

An Occasional Column on Radio Related Items of Interest  
By David Bart

## ARECIBO SAVED – FOR NOW

The Arecibo Observatory is the world's most famous radio telescope. Located in Puerto Rico, it is operated by Cornell University in partnership with the National Science Foundation (NSF). It has the largest single aperture ever built with a diameter of 305 meters, and the receiver is located on a platform 150 meters above the dish. It uses a spherical reflector that is built into a giant sinkhole. Because the dish cannot be moved, the receiver is moved instead.

Long rumored to be shut down due to a steady erosion of funding over the past several years, the telescope has been saved, under an agreement with a new consortium led by the University of Central Florida (UCF), which the NSF announced on February 22. The NSF has been looking for a new sponsor since 2006.



*Arecibo Observatory in Puerto Rico. (Courtesy: SI Puerto Rico)*



NSF currently spends approximately \$8 million annually to maintain operations at the observatory, which suffered significant damage caused by Hurricane Maria in September 2017 that caused massive devastation throughout the island. Arecibo’s main electricity was restored in December and operations have since resumed at reduced capacity. The observatory will move forward, but with less money. The new UCF agreement is valued at \$20.1 million over five years, but is “subject to the availability of funds.” UCF was scheduled to assume responsibility for operations in April 2018. The NSF’s annual contribution gradually will reduce to \$2 million.

The new consortium, known as the Arecibo Observatory Management Team, will be led by UCF and includes the Metropolitan University in San Juan, Puerto Rico, and Yang Enterprises in Oviedo, Florida, a company that operates and maintains facilities for both the National Aeronautics and Space Administration (NASA) and the United States Air Force.

Although the telescope’s main uses are focused on radio astronomy, space weather and atmospheric science, it is renowned for its planetary radar facility, which NASA uses for near-Earth asteroid tracking and the characterization of planetary surfaces. In return, NASA makes a \$3.7 million annual contribution to Arecibo’s budget. UCF’s Florida Space Institute hopes that the consortium will cover some of its costs by making telescope time available to new users.

**REFERENCES**

Mark Williamson, “Arecibo observatory saved from closure,” *Physics World*, Feb. 28, 2018.

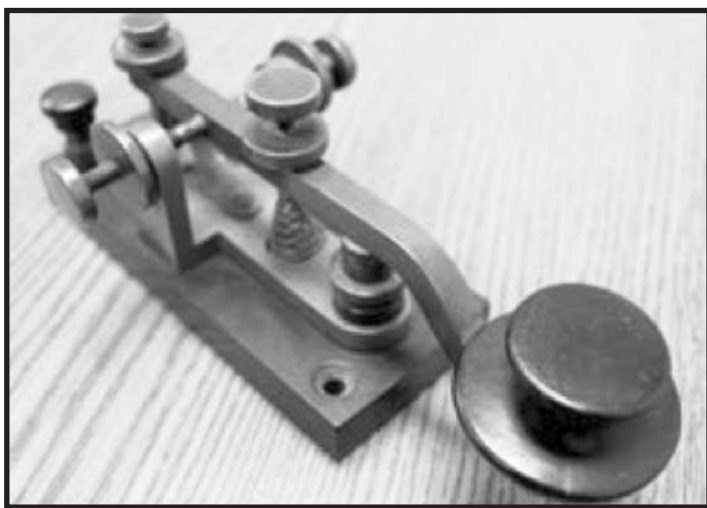


# HISTORY ZONE

An Occasional Column on Historical Items of Interest  
By David Bart

## ARRL RECEIVES BYRD ANTARCTIC EXPEDITION MATERIALS

Lynn Burlingame, N7CFO, donated to ARRL a Kilbourne & Clark Morse key used by the late Howard Mason (1ID, 7BU, and K7QB) to let the world know that Rear Admiral Richard Byrd and his crew had overflowed the South Pole for the first time during Byrd's 1928-1930 Antarctic expedition. Mason and his 80 colleagues were awarded U.S. Congressional Gold Medals for their efforts in establishing the Antarctic outpost "Little America," the first of a series of bases bearing that name.



*Byrd 1928 Expedition Morse Key Used By Mason.*

Mason was a lifelong radio amateur from Seattle who was an active ARRL National Traffic System participant and manager. In 1923, he relocated to Connecticut to serve as an editor of the ARRL's journal, *QST*. Mason's first polar experience was as a radio operator with the Wilkins-Detroit News Arctic expedition that traversed the North Pole by air in 1928. This led to his selection by Byrd to be a radio engineer with his first Antarctic expedition.

Mason was co-operator of Little America's base radio station, WFA, which was used to keep Byrd in contact with the rest of the world. Mason continued to use the key in his ensuing and varied endeavors. Prior to his death in 1996, he gave the key to Burlingame of Bellevue, Washington, a collector and biographer who generously donated it to the ARRL Heritage Museum. The museum plans to display the key as part of an exhibition tentatively scheduled to open on April 15. The exhibition also will include a large wooden key, engraved with "WFA" and bearing the signatures of some expedition members.



*Howard Mason at WFA in Little America.*

Also on display will be a first edition of Admiral Byrd's book *Little America: Aerial Exploration in the Antarctic, the Flight to the South Pole* and an album of contemporary newspaper clippings, both part of the Burlingame donation. A complete narrative will be posted to the Heritage Museum section of the ARRL website. The key and the Little America radio operators can be seen in action in an original film available on YouTube (<https://www.youtube.com/watch?v=AR9PysOaxI>), which offers a first look of the towers erected there (at the 15:00 mark).

#### **REFERENCES**

"ARRL Receives Byrd Antarctic Expedition Morse Key, Historical Materials," *ARRL Letter*, Feb. 15, 2018, by Michael Marinaro, WN1M, ARRL Volunteer Staff Historian/Archivist.

# 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](mailto: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!!!



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# PAID ADVERTISING



## AWA CONVENTION & SELLERS MARKETS

August 14 – 18, 2018

MARK YOUR CALENDARS FOR AN EXCITING CONFERENCE

The 2018 convention will be held at the *RIT Conference Center*. Take Exit 46 of the New York State thruway (I-90), to I-390 North, to NY 253 West, and then NY 15 South. The convention dual themes this year are "*Spark Era*" and "*Firsts – First of a Kind or First of a Series*".

Visit the *Antique Wireless Museum* during a special free open house on Wednesday.

There will be approximately 17 *Presentations* covering every area of communications history. Enjoy shopping for that special buy in the *Flea Market* and in the *Book Fair*. The exhibits shown at the *Old Equipment Contest* will offer rare historical insights. Finally, you'll never go hungry at the AWA Convention! From the Welcome Dinner on Tuesday night to the Awards Banquet on Friday, enjoy the Special *Food Events* of the Convention.

### 2018 AWA OVERALL CONVENTION SCHEDULE

#### TUESDAY, AUGUST 14, 2018

1:00 pm Registration Desk Opens  
7:00 pm Welcome Dinner

9:15 am – 12:00 Programs  
12:00 – 1:00 pm Lunch  
12:00 pm Special Guests Luncheon  
1:00 – 5:15 pm Programs  
5:30 pm Buffet Dinner Social Hour  
6:00 pm Buffet Dinner with Collins  
Collectors Association Presentation  
8:00 pm Midnight Restorations  
10:00 pm Movie

#### WEDNESDAY, AUGUST 15, 2018

9:00 am Registration Desk Opens  
9:15 am – 12:00 Programs  
12:00 – 1:00 pm Lunch on your own  
1:00 – 5:15 pm Programs  
5:00 – 8:00 pm Antique Wireless Museum Open  
8:00 pm Ice Cream Social at the RIT Inn

#### FRIDAY, AUGUST 17, 2018

9:00 am Registration Desk Opens  
9:00 am Book Fair Opens  
9:15 am AWA Member's Meeting  
10:45 am – 12:00 Program  
12:00 – 1:00 pm Lunch Break with Contest Viewing  
1:00 – 5:15 pm Programs  
4:00 – 5:30 pm Register Auction Items for sale  
6:00 pm Banquet Social Hour  
7:00 pm 2018 AWA Banquet  
(appropriate dress is requested)  
Contest Viewing  
After Banquet

#### THURSDAY, AUGUST 16, 2018

6:00 am Flea Market officially opens and remains open continuously  
NOTE: Outside sales are strictly private transactions. Sellers remain responsible for taxes and all legal aspects of these transactions. Buyers and Sellers are reminded that neither the AWA nor RIT are parties to any of these transactions.  
9:00 am Registration Desk Opens  
9:00 am Book Fair Opens

#### SATURDAY, AUGUST 18, 2018

7:00 – 8:00 am Equipment Auction Preview  
8:00 am – end Equipment Auction  
No Seller Payouts until one hour after the auction ends.

# HAMFESTERS RADIO CLUB

## 84th ANNUAL HAMFEST

### AMATEUR RADIO COMPUTERS-ELECTRONICS-CRAFTS

# SUNDAY AUGUST 5, 2018

#### EXHIBITS

Open at 8:00 a.m.  
Amateur Equip. and Computers  
14,200 sq. ft. of exhibit space  
Fully air-conditioned building  
Special drawing for exhibitors

#### FLEA MARKET

Open 6:00 a.m. - 3:00 p.m.  
No additional charge for  
flea market space!  
Rain or shine - six covered  
pavilions for flea market  
Special drawing for sellers  
Family fun for all

#### FAIRGROUNDS

35 Acres of FREE parking  
Clean Restrooms  
Great food and beverages  
Overnight parking  
\$10.00 fee for outside electricity



(45 Min. from Downtown Chicago)  
Take I-57 to Peotone  
Exit 327 (East)

#### PRIZES

Hourly prizes  
Guest speakers

#### TICKETS

\$15.00 per indoor reserved table  
\$ 8.00 advance w/double stub  
\$10.00 at the gate w/single stub  
Children under 12 FREE

VE TESTING 8:00 a.m. to 10:30 a.m.

Tables & Information  
Don Peltier - KC9EQG  
550 W. 42nd Place  
Chicago, IL 60609  
773-426-1936  
dopeltier65@aol.com

Advance Tickets  
Jim Riley - WJ1PR  
12121 W. Venetian Way  
Orland Park, IL 60467  
708-218-0695  
84thday@hamfesters.org  
please include check & SALE

#### TALK IN

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FIND THE CURE

# PEOTONE'S LARGEST HAMFEST WILL COUNTY FAIRGROUNDS PEOTONE, ILLINOIS



FIND THE CURE

# CLUBBING AROUND

## 84th ANNUAL HAMFESTERS

The Hamfesters Radio Club of Illinois will hold its 84th annual Hamfest on Sunday, August 5, 2018 at the Will County Fairgrounds in Peotone, IL (I-57 South of Chicago at Exit 327). Gates open at 6am. VE Testing is available on site. See <https://hamfesters.org/hamfest/>.

## ANTIQUÉ WIRELESS ASSOCIATION

The Antique Wireless Association will hold its Annual Convention on Aug. 14-18, 2018 in Rochester, New York at the RIT Inn and Conference Center (see separate ad). The dual themes this year are: SPARK ERA and FIRSTS – FIRST OF A KIND OR FIRST OF A SERIES. Come see the new museum displays and join us in 5 days of activities with more than 17 presentations. This is the best historical conference in the country for people interested in the history of electronic communications. 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](http://www.antiquewireless.org).

## INDIANA HISTORICAL RADIO SOCIETY

The IHRS Summer Meet will be Saturday, August 11, 2018 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 14, 2017 from 8am to noon at the Riley Park Shelter, Greenfield, Indiana (one block north of US40 on Apple Street). For more information see [www.indianahistoricalradio.org](http://www.indianahistoricalradio.org).

## MICHIGAN ANTIQUE RADIO CLUB

Information about MARC's annual fall meet can be found at <http://michiganantiqueradio.org/events/>.

## NORTHLAND ANTIQUE RADIO CLUB

NARC will hold its annual meeting and mini swap meet in September 9, 2018. For information about the event, please see <http://www.northlandantiqueradioclub.com/index.shtml>.

## WISCONSIN ANTIQUE RADIO CLUB, INC.

The next WARCI meeting will take place September 16, 2018 at the Terminal, located at 5917 South Howell Street in Milwaukee near the airport from 8AM-11AM. For information about the club, see [www.warci.org](http://www.warci.org).





# ARCI NEWS

Antique Radio Club of Illinois  
PO Box 1139  
LaGrange Park, IL 60526