



# ARCI NEWS

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

Affiliated AWA  
Antique Wireless Association 

Volume 43, Issue 3  
June 2022



# RADIOFEST 2022 August 5 & 6

## ARCI CALENDAR

EVENT	LOCATION	DAY & DATE	TIME
Swap Meet	American Legion	Sunday, June 26, 2022	7:30 am
<b>RADIOFEST</b>	Medinah Shriners Center 550 N. Shriners Drive Addison, IL 60101	Friday, August 5, 2022 Saturday, August 6, 2022	See Program
Virtual Forum	Your computer	Saturday, September 17, 2022	10:00 am
Swap Meet	American Legion	Sunday, October 2, 2022	7:30 am
Virtual Forum	Your Computer	Saturday, November 19, 2022	10:00 am
Swap Meet	American Legion	Sunday, December 4, 2022	7:30 am

American Legion Hall Meetings are located at:

Post 76  
570 S Gary Ave  
Carol Stream, IL 60188

About ARCI Virtual Forum video sessions

10 AM to 11:30 AM Central time, check-in starts: 9:45 AM Central Time  
Generally held on the 3rd Saturday in non-summer months

Agenda items (subject to change)

History  
Tips & Tricks  
Technical  
How-to's  
Show & Tell  
Items for sale  
Open chat session

To find out more, email: [remote-events@antique-radios.org](mailto:remote-events@antique-radios.org)

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## WELCOME TO ARCI

### Visit ARCI on the WEB

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

FaceBook: <https://www.facebook.com/ARCI.org>

YouTube: <https://www.youtube.com/channel/UCEyMw9QGrvcquC1vZBvHWbQ>

### Join ARCI

<http://www.antique-radios.org/membershipinfo.html>

-or-

Use the application in this newsletter

### Leadership

President	Tom Kleinschmidt
Vice President	Tom Zaczek
Treasurer	Rudy Hecker
Secretary	Jay Stewart
Membership	Elaine Hecker
Radiofest chair	Steve Muchow
Director on-line events	Matt Pollack
ARCI News editor	Maureen Blevins

### Contact ARCI

Antique Radio Club of Illinois  
P.O. Box 1139  
LaGrange Park, IL 60526  
[clubinfo@antique-radios.org](mailto:clubinfo@antique-radios.org)  
630-739-1060



ARCI News is published bi-monthly, February through December.  
Antique Radio Club of Illinois is a registered non-profit in the state of Illinois.

## PRESIDENT'S MESSAGE

June, 2022



### JUNE SWAP MEET

Reminder the next local swap meet is:

Sunday - June 26, 2022

Location: American Legion Post 76

570 S Gary Ave

Carol Stream, IL 60188

Time: 7:30 AM - 11 AM

Meet is outdoors or indoors if raining

### RADIOFEST

This issue of ARCI News is primarily dedicated to the details of *Radiofest*. We are excited to offer the experience and camaraderie of antique radio enthusiasts from around the country after a two-year hiatus. Steve Muchow and his team have been working diligently to provide you a great experience. There is a great deal of information on the event in this edition.

### JOE HALSER ESTATE SALE

In addition to *Radiofest* the estate of Joe Halser will be on sale the day before *Radiofest*, in Milwaukee. The venue for this sale of high-end radios is about an hour and a half north of our *Radiofest* location. This is a great opportunity to attend two great events back-to-back. Details are in this newsletter. This is a private sale independent of ARCI and WARCI. We are saddened by the loss of Joe and honored to help promote this sale.

### ARCI VIRTUAL FORUM

As a reminder, *ARCI On-line Meets* are now *ARCI Virtual Forums*. Same great event, new name. The word *meet* caused confusion between face-to-face events and remote events. Some people went to the typical Swap Meet venue on days of *Virtual Forums* and did not have the swap meet experience expected. Hence the name change.

Hope to see you at the June meet. Don't forget to register for *Radiofest*.

*Tom Kleinschmidt*

President

Antique Radio Club of Illinois

## ARCI UPDATES

### April, 2022 SWAP MEET

I finally made it to a swap meet! It was so nice to finally meet everyone. I look forward to seeing more of all of you in the future, and to attending more swap meets. I'm sure I'll find plenty of help in finding the perfect radio for me. Here are a few photos from that April meet at the American Legion Hall on S. Gary Ave in Carol Stream, IL

- Maureen Blevins



Your hard working Team; Tom Kleinschmidt, Mary Johnson and Elaine Hecker; Matt Pollack (left), Rudy Hecker (right), Tom Zaczek, Steve Muchow, and Bill Cohn.



John Bruzan





Here is a link to more photos on the club website. <http://www.antique-radios.org/pictures.html>

## ARCI ONLINE By Tom Zaczek

### ARCI VIRTUAL FORUM #21

FORMERLY - ARCI ONLINE MEET

SATURDAY SEPTEMBER 17, 2022, 10AM CT

Join in on your computer, pad or phone to be a part of our Virtual Forum Video Meetings. You don't need to be an ARCI member!

**New name, same great program! ARCI on-line meet is now ARCI Virtual Forum.** There has been some confusion between in-person swap meets and on-line meets. Individuals have gone to the swap meet venue on days of on-line meets, hence the name change in the interest of clarity.

Stay tuned to the emails from ARCI for the registration link for this meeting. After registering, you will receive a confirmation email containing the link required to join the meeting.

**IMPORTANT** - You need to receive the confirmation email back because this link gets you into the meeting when the time comes. So, if you don't receive the confirmation email it could be that it is in your spam folder.

Reminder: ARCI is now on YouTube. All the prior Online Meets (through March 2022) are available for viewing. You can find the channel here: <https://www.youtube.com/channel/UCEyMw9QGrcquC1vZBvHWbQ>

Check it out! Each video has a "table of contents" (where it says SHOW MORE) beneath the main video window that you can click on and go directly to that topic or presentation, so it's easy to watch just one specific presentation. Visit ARCI's YouTube channel where you can click the free "subscribe" button and get notified when a new video comes out.

**AGENDA** (may be revised without notice)

9:45 AM – OPTIONAL PRE-MEETING – Time to get logged-in and troubleshoot any access issues.

10:00 AM – Meeting Agenda

- **INTRODUCTION** – *Tom Zaczek*
- **WE'RE ON YOU TUBE** – *Matt Pollack*

- **PRESENTATIONS:** All of the presentations have not been lined up yet for this meet, but this section is where we have several 15-to-25-minute presentations of interest in the areas of radio restoration, company history, and technology, just to name just a few. Let us know if you have an idea for a presentation!
- **SHOW & TELL, TIPS & TECHNIQUES** 1-to-3-minute informal presentation of something you'd like to share with the meeting ... Join in and spend a few minutes to show your item, a helpful tip, radio restoration technique, or how you solved a tough restoration problem.
- **ARCI SWAP MEETS** - An update on the upcoming swap meet and the one we just held
- **ITEMS WANTED-----ITEMS FOR SALE**
- If you want to offer something for sale OR see if others have what you're looking for, please use this time to discuss it.
- **OPEN SESSION:** Non-moderated chat session as time permits.

12:00 PM – Close

#### Planned ARCI Virtual Forum (live on-line) video meets

**We have changed the schedule of our meetings!** When we started up back in the summer of 2020, there was a whole lot of pandemic and social distancing going on, and very few other radio club activities to take up our time on the weekends. We held these meetings once per month. But what we found out last summer is that we now have more events competing for our precious weekend time as the pandemic has waned. We are going to take the summer off in 2022. Also, in those months where ARCI has an “in person” swap meet, we are not scheduling a video meet.

Here is the *on-line* schedule for the remainder of 2022: (Meetings start at 10 am CST)

September 17th      November 19th

#### **Be a presenter!**

We have seen so many great presentations this past year by folks that *never* made a presentation before! You can do this! The On-Line meeting team can help you with learning how to make a Power-Point presentation, or prepare some simple photo slides. We can help you dry-run it on Zoom. It's easy!

Share your project and passion with a 10-minute or longer presentation. Send an email to [remote-events@antiqueradios.org](mailto:remote-events@antiqueradios.org) with your topic.

#### **Become a member of ARCI!**

These meets are open to everyone interested in antique radio. You do not need to be a member of ARCI. If you like these meets, your support of the organization is truly appreciated. Please consider joining. Your membership dues help support the club's activities. You can use the form on the last page of this newsletter, [print out the form](#), or follow this link for membership information: [Antique Radio Club of Illinois \(antique-radios.org\)](http://Antique Radio Club of Illinois (antique-radios.org))

I look forward to the upcoming meetings and hope you all get a chance to attend. I encourage you to be a presenter to share your experiences, knowledge, and passions about these old radios!

~ Tom Zaczek

**The ARCI Virtual Forum Team:** Tom Kleinschmidt, Bill Cohn, Matt Pollack and Tom Zaczek are the ARCI On-Line Meeting Team and can be reached via email at [remote-events@antiqueradios.org](mailto:remote-events@antiqueradios.org)



## *Radiofest 2022*

**Friday August 5 – Saturday August 6**  
**Medinah Shriners**  
**550 N. Shriners Drive**  
**Addison, IL 60101**

**RADIOFEST IS BACK!** We were hoping to print those words in 2020 and 2021 ...but like so many other social events in that time frame, it was not to be. We are now on track and anxious for everyone to “reconnect” at *Radiofest 2022* and experience the same great schedule of events we all look forward to at *Radiofest!* **August 5<sup>th</sup> and 6<sup>th</sup> is around the corner...so be sure to pre-register now for bargain-priced selling spaces and banquet tickets.**

**LOCATION:** We will return to the spacious and beautifully maintained **Medinah Shriners in Addison, Illinois.** This 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, Illinois. This is a very convenient location that can be accessed from all directions within the entire Chicago area.

**HOTEL:** Our official hotel for *Radiofest 2022* is the **Hilton Garden Inn**, located directly adjacent to the Medinah Shriners complex, and is 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. Once again, the hotel has set aside a block of rooms for *Radiofest 2022* attendees at \$99 per night. This is a really nice hotel at a great price. You will not be disappointed! Reservations at the hotel are now open via the hotel on-line booking link:

<https://www.hilton.com/en/attend-my-event/chiahgi-radio-b68bfb5d-6f24-4095-982d-ab4bdc1de4f1/>

Or, you can call the hotel at: 630-691-0500. Mention “RADIO GROUP” to the friendly reservation agent to get the special discount rate. ***Note that reservations must be received at the hotel by July 22, 2022 to receive our special rate.***

### EVENTS SCHEDULE

You can participate in our world-class auction on Friday night and experience the always-anticipated giant open-air swap meet on Saturday. Also on Saturday is the popular all-day donation sale/auction, special event ham station WA9RCI, and educational programs topped off by a sellers raffle at 2:15 pm and the evening banquet. *Refer to the specific event details found elsewhere in this ARCI NEWS.*

### STREAMLINED REGISTRATION PROCESS

*Radiofest* is our flagship event with high expectations from attendees. This requires

an incredible amount of effort from a shrinking volunteer base to maintain. We are, therefore, implementing streamlined processes to best utilize our existing resources. We have established on-line registration, with price incentives for registration and parking spaces, compared to the familiar mail-in procedure. Mail-in registration, however, is still an option, if desired. Assigning and tracking parking spots was found to be very time-consuming so we elected to try a “first-come-first-served” procedure for parking spots this year. A “Registration Form” can be found in another section of this issue showing price details and registration instructions. **Note: Online pre-registration is instantaneous, but if you decide to use “snail mail”, your envelope must be postmarked by July 15, 2022 by mail or July 29, 2022 on-line. On-site day of swap meet fees are higher.**

### OUTDOOR SWAP AREA

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. Parking in this lot will be available only to sellers and attendees who have already purchased selling spaces or will do so on site. All sellers are required to check in at the registration area. Directly adjacent to the sellers’ lot is the main parking lot, with plenty spaces available for buyers and visitors. It is an easy walk from one lot to the other.

**IMPORTANT! NO TENT STAKES ALLOWED IN THE SWAP MEET LOT.** 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.**

**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. We therefore ask for your cooperation on the following: Do not use our 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.

**RESTROOM FACILITIES:** Outside restroom facilities will be provided, conveniently located near the middle of the parking lot along the West side of the sellers lot. Indoor restroom facilities will also be available through the front

entrance to the Shriners building.

**TRASH CONTAINERS:** Trash receptacles for general refuse will be provided in the parking area. Please do not place any electrical items these receptacles.

**FOOD ITEMS FOR PURCHASE:** The Shriners plan on providing a variety of food items for purchase at reasonable prices on Saturday. The Hotel will also serve food throughout most of the course of the event. Logistics prohibit ARCI from providing free drinks or snacks at our fest. However, it can get hot outside, so you may want pack drinks and snacks yourself and bring them with you to the swap meet.

#### AUCTION

The opening night auction will be in the Medinah Crescent Ballroom. 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, including rare and highly collectible items. Jim Sargent from VRPS is returning as auctioneer. *See the excellent article on Auction Information & Rules by John Stone elsewhere in this issue.*

#### DONATIONS

The usual donation auction will be held at 2:30 pm 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!

#### BANQUET

Banquet tickets are priced at \$40 per person and are available by pre-registration only. The food is always superb and it is a great way to close out *Radiofest* with your friends. **Note: Tickets must be purchased by July 15, 2022 by mail or July 29, 2022 on-line.**

#### EDUCATIONAL PROGRAMS

Two great programs are scheduled for Saturday. Programs will be held at 11 am and 1 pm with a break during the noon hour. The programs will include setting up a vintage audio repair bench and the Bill Ross memorial Ham Forum with a focus on a century of receiver development to mitigate noise. Both programs will take place in the Shriners “MUSIC ROOM”. *Please see the separate pages in this issue for the presentation details.*

**VOLUNTEERS:** We need volunteers at *Radiofest*. Those that have volunteered in the past expressed that they enjoyed helping out. They met new collectors and learned a little bit about vintage radio along the way. Let me know if you are interested ([smuchow@att.net](mailto:smuchow@att.net)).

**UPDATES:** Watch for additional *Radiofest 2022* information in periodic *Radiofest* emails, mailings and on our ARCI website [www.antique-radios.org](http://www.antique-radios.org).



## THE ANTIQUE RADIO CLUB OF ILLINOIS

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

630-739-1060

*Presents:*

# RADIOFEST 2022

August 5 & 6  
Friday & Saturday

\*\*\* LOCATION \*\*\*

<b>RADIOFEST</b> Medinah Shriners 550 Shriners Drive Addison, IL 60101	<b>HOTEL</b> Hilton Garden Inn Addison 551 N Swift Road Addison, IL 60101 (630) 691-0500
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GPS: Lat 41.936921 & Long -88.040649

20 miles from O'Hare & 26 miles from Midway.  
I-355 between I-290 and I-55 at Army Trail Road.  
Hilton Garden Inn (\$99 per night --ARCI Special Rate)



## WELCOME TO RADIOFEST!

The *Antique Radio Club of Illinois* (ARCI) proudly invites you to *RADIOFEST 2022*. We will feature a large swap meet, two auctions, educational programs, free seller's raffles, and the popular Karl and Carolyn Knipfel banquet to close out the event. A vintage Ham Radio Station will also be in operation. Food will be available for purchase on both days

There is no general admission fee for any of the selling areas, and the public is invited to attend. Free parking with easy access to the hotel will be available.

ARCI has done everything possible to ensure that *RADIOFEST* is safe and enjoyable for everyone. Thank you to all the volunteers who make *RADIOFEST* come to life each August. We hope each and every one of you has a great time at *RADIOFEST 2022!*



**Tom Kleinschmidt**  
**ARCI PRESIDENT**



### **SPECIAL THANKS TO OUR 2022 PRESENTERS:**

**BOB NICKELS (W9RAN)** is well-known in amateur radio circles for his knowledge of classic ham equipment as well as the latest in SDR (software defined radio) technology.

**PETE NAUSED**A brings decades of technical experience with Vacuum Tube Audio equipment. Fields of interest and skill include engineering, restoration, and collecting.

**FRIDAY AUGUST 5**

## **INDOOR MAIN AUCTION**

*(CRESCENT BALLROOM)*

**REGISTRATION** 3:00pm – 5:30pm

**AUCTION** 6:00 pm

*Seller's Fee:* Members \$ 7 per item  
Non-members \$10 per item

LIMIT OF 8 LOTS PER SELLER

*Bidder's Fee:* Members \$ 3 per card  
Non-Members \$ 5 per card  
10% Buyer's Premium

**ALL ITEMS MUST BE REMOVED AT END OF AUCTION.  
ITEMS NOT REMOVED WILL BECOME PROPERTY OF ARCI**

**SATURDAY AUGUST 6**

7 am **REGISTRATION OPEN**

7am – 3pm

**OPEN-AIR SWAP MEET**

8am – 3pm

**VINTAGE HAM STATION OPEN**

11am & 1pm

**EDUCATIONAL PROGRAMS**

7am – 2:30pm

**DONATION SALE** (items may be donated and purchased during this time)

2:30pm **DONATION AUCTION** (for items not sold during the Donation Sale - in parking lot)

3:50pm **SELLERS RAFFLE**  
(At Registration tent)

5:30-9 pm **Carl & Carolyn Knipfel BANQUET**  
*(CRESCENT BALLROOM)*

(Cash Bar - 5:30pm Dinner 6:30pm)

Tickets \$40 each

Banquet Tickets pre-registration only-

See [www.antique-radios.org](http://www.antique-radios.org) for  
on-line OR paper registration form

## ARCI RADIOFEST 2022 MAIN AUCTION

Friday Night, August 5th

*Thanks to John Stone, ARCI Auction Coordinator, for submitting the following auction planning update.*

We are pleased to announce that, after a long 2-year hiatus, the ARCI Main Auction will return as the opening event for *Radiofest 2022*. It will be held in the Crescent Ballroom of the Medinah Shriners facility, with an official starting time of 6 PM. Seller registration will open no later than 3:00 pm and close at 5:30 pm, or when we have reached the maximum of 260 registered lots, whichever comes first. After such a long break, we anticipate a very busy and well attended event, and we suggest you allow as much time as possible to register and place your items. Sellers will be able to unload their items through the front entrance of the Medinah facility. 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.

The ARCI auction is a unique event, made possible through the joint efforts of generous volunteers from 5 different radio clubs around the country. We are once again privileged to have Jim Sargent, professional auctioneer and president of VPRS in Irving, TX, to call our auction. Jim's unique skills as an expert auctioneer, along with his in-depth knowledge of vintage radios and audio equipment will make for an enjoyable and exciting evening. Backing up Jim's efforts will be Nicholas Tillich, president of the Wisconsin Antique Radio Club. Nick and his crew will handle the critical job of registering all items up for auctions, and then updating and tracking their status throughout the auction process.

Fees are unchanged from the previous auction, and are as follows: \$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 an 8 lot limit per seller, along with a total auction lot limit of 260, to keep the auction from running more than 4 hours. Registration will close either at 5:30 PM or when the maximum limit has been reached, whichever comes first.

Food and beverage service (alcoholic and non-alcoholic) is once again planned to be available throughout the duration of the auction, with cash and credit cards accepted.

## Auction Rules



- Official auction registration hours: 3:00 PM to 5:30 PM, or when the total number of registered lots reaches 260, whichever comes first.
- Auction begins at 6:00 PM.
- 8 lots maximum per registered seller.
- Auction fees: \$7 per item for sellers (\$10 for non-members); bidding cards at \$3 each (\$5 for non-members); 10% buyer's premium applies.
- Auction sequence is based on numbered tables and floor areas, beginning with Table #1.
- Vintage Radio, Audio, Ham Radio, Phonograph, and items related to these categories only. (Advertising, parts, etc.) No new items allowed. No fans, clocks, or other small appliances, except those clearly intended for the purpose of marketing the items listed above. ARCI reserves the right to refuse any item presented at auction registration that does not meet the listed criteria.
- Cash or personal check only for all auction purchases and fees.
- Please hold unnecessary conversation to a minimum while the auction is in progress.

Please contact John Stone at [jmsent2@comcast.net](mailto:jmsent2@comcast.net) if you have any questions or comments regarding the auction.

## RADIOFEST 2022 logistics

The ARCI club officers and volunteers look forward to your participation in our premier club event. We hope you have a truly memorable experience. The Medinah Shriners have provided us with a spacious and beautifully maintained facility for our event. The Hilton Garden Inn is conveniently located on the same campus. You can walk right from your hotel room to the festivities. ARCI *Radiofest* volunteers have worked closely with the Shriners to provide you with the most pleasant and enjoyable *Radiofest* experience possible. Please read through the information below and follow the guidelines closely. Your cooperation is important, and always greatly appreciated.

The sellers' parking lot is located on the far west side of the Shriners facility, directly adjacent to Swift Road. Parking in this lot will be available only to sellers and attendees who have already purchased selling spaces or do so on site. The parking lot located directly in front of the facility and adjacent to the sellers' lot will have ample parking spaces for *Radiofest* attendees. After you enter the Shriners complex from Swift Road onto Hilton Drive, you will take the first left to gain access to the sellers' lot, which will be on your left. There are three entrances into the lot, but only the middle entrance will be open for access to the lot during registration. The registration area will be located immediately on your right as you pull into the middle entrance. All sellers are required to check in at the registration area to pick up nametags, tickets and *Radiofest* handouts prior to parking.

**IMPORTANT! NO TENT STAKES ALLOWED IN THE SWAP MEET LOT.**

Outside restroom facilities will be provided, conveniently located near the middle of the parking lot along the West side of the sellers' lot. Indoor restrooms are available through the front entrance to the Shriners building, and are located directly across from the ballroom, on the left side of the lobby.

Trash receptacles for general refuse will be provided in the parking area. Please do not place any electrical items in these receptacles. Electronics recycling is strictly limited to unsold items from the donation sale and auction. Due to tight Illinois environmental regulations, no electronic junk will be accepted for general disposal at *Radiofest*. There is a cost to the club to dispose of electronic waste. Therefore, the donation team may ask you to retrieve an unsold item at the end of the auction or reject certain items. Our goal is to preserve and re-home as many artifacts as possible. Once it is recycled it is not retrievable.

The Shriners plan on providing a variety of food items for purchase at reasonable prices during Friday's auction and Saturday's swap meet. Bar service is available at the Friday auction too. The Hotel will also serve food throughout the course of our event. Don't forget you must pre-register for the banquet on Saturday night. It can get hot in the outdoor lots, so you may want to pack drinks and snacks yourself and bring them with you to the swap meet.

Thank you again for your cooperation. We look forward to seeing you all at *Radiofest 2022*. *Radiofest* information is on the ARCI website [www.antique-radios.org](http://www.antique-radios.org) and communicated via the ARCI email list and the June and August newsletters. Send specific questions to [clubinfo@antique-radios.org](mailto:clubinfo@antique-radios.org)

~ Steve Muchow, *Radiofest* Coordinator



# RADIOFEST 2022

## August 5 & 6

# RADIOFEST 2022 August 5 & 6



To Use Our Preferred Online Registration and Payment See:  
[www.antique-radios.org](http://www.antique-radios.org) (and skip this entire form!)

**REGISTRATION FORM BELOW for USPS MAIL ONLY - Do not email this form**

**RADIOFEST IS BACK !!** Features a LARGE radio swap meet, presentations & auction. Our banquet also returns with great food and comraderie. Some things have changed so please read this entire form. Events and schedule subject to change. See website for more detail and updates at: [www.antique-radios.org](http://www.antique-radios.org)

**WHERE:** 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 (ask for radio group before July 22) begin at \$99.00

**All Sellers Must be Members of ARCI- NO ADMISSION CHARGE FOR NON-SELLERS**

Auction -on site registration only Aug 5

ARCI Membership (*req'd to sell on Aug 6*) \_\_\_\_\_ (if not currently a member) (\$25) \_\_\_\_\_

Swap Meet Lot Spaces (Aug 6) up to 5 \_\_\_\_\_  
MAX \_\_\_\_\_  
*Pre-registration before July 15 (\$25ea), on site (\$30ea)*  
*NOTE: If you register ON-LINE, spaces are only \$20 each!*

Table (6ft) Rentals (Aug 6) \_\_\_\_\_  
Pre-Registration (before July 15) ONLY (\$15 EACH) \_\_\_\_\_

Banquet (Aug 6) \_\_\_\_\_  
Pre-Registration (before July 15) - PER PERSON (\$40) \_\_\_\_\_

**TOTAL of ALL the ABOVE** \_\_\_\_\_

**FREE** parking for attendees is in the lot directly adjacent to the swap meet

NAME	Application Date:	Please list any special requests or comments here
ADDRESS		
CITY	STATE	ZIP
PHONE	ALT PHONE	
EMAIL		
Emergency Contact	PHONE	

**PLEASE NOTE: All swap meet lot spaces will BE FIRST-COME FIRST-SERVED unlike prior years.** We must receive this registration form with your check on or before July 15, 2022 to be valid. Your cancelled check is your proof of registration. All sellers must check-in at the Registration Area upon arrival at Radiofest to pick up name tags, banquet tickets and related Radiofest information.

Make check payable to "ARCI" and mail to: ARCI c/o Rudy and Elaine Hecker, 127 Weymouth Court, Schaumburg, IL 60193

Remember, you can skip all this snail mail stuff and pay a lower price per space (only \$20 ea!) and get immediate confirmation of registration by using our ON LINE registration! See: [www.antique-radios.org](http://www.antique-radios.org) Questions? See our website at: [www.antique-radios.org](http://www.antique-radios.org) or send email to [clubinfo@antique-radios.org](mailto:clubinfo@antique-radios.org)

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Spaces \_\_\_\_\_



# RADIOFEST 2022

## August 5 & 6

### Super Special Joe Halser III Memorial Radio Sale August 4, 2022.

**Day before Illinois Radiofest 2022. Hours are Noon to 6pm.**

This will be a special afternoon sale for those members of the Antique Radio Clubs of Illinois and Wisconsin, and all other old radio mavens on Planet Earth.

To be held at The Terminal Bar & Lounge in Milwaukee. Those that knew Joe Halser III, a long time radio collector, inventor, and all around radio genius in Milwaukee are aware that Joe was a low key collector of rare and very desirable Scott, Zenith, Federal, Western Electric, Atwater Kent and many other sets. Many one of a kind, all in excellent to astonishing condition.

Joe recently passed away and his family is arranging this sale.

This is a once in a lifetime opportunity to view and purchase sets you will never see again. Prices will be reasonable and negotiable, within limits.

**LOCATION:** The Terminal, 5917 S. Howell Avenue, Milwaukee, WI. Location is next to the Milwaukee Airport, abundant free parking on the premises.

Food of all sorts is available in the area. Accommodations if needed are directly across the street at the Hilton Garden Inn, Milwaukee Airport. 5890 S. Howell Ave. Milwaukee, WI. There are scores of other hotels of all descriptions within walking distance as well.

Any questions contact long time ARCI member John England at [Laverda.England@gmail.com](mailto:Laverda.England@gmail.com)

**All items are sold as is, where is, you haul it away. Come prepared. Access to a massive list and pictures of available radios (some 200), parts and goodies will be available soon. Stay tuned.**

**Note:** This is **NOT** a club-sponsored event, nor is it part of *Radiofest*. It is a private event of a significant collection, which will be of interest to collectors.

## RADIOFEST 2022

### PRESENTATION 1

Bill Ross Commemorative Ham Forum

TIME: 11:00 am – 11:50 am

TITLE: "Signals and Noise - a Century of Receiver Innovation"

PRESENTER: Bob Nickels W9RAN

LOCATION: Music Room

Since the discovery that electromagnetic waves could be used to communicate over a distance, the challenge has been how best to separate the desired signal from the noise. It would be several decades before scientists realized that they were plagued by the radio remnants of the "big bang" - the background radiation predicted by cosmological theories. Nowadays we have a new challenge with man-made noise - but the task is still the same. The major receiver innovations correctly identified the problems and produced usable solutions, now with 21st century technology even better tools are available to the radio engineer, but the challenge of separating signals from noise remains the same.



Bob Nickels W9RAN

Bob has authored several articles in periodicals such as *Electric Radio* and *QST* on topics from early amateur radio and test equipment to SDR (Software Defined Radio). Be sure to take time to visit his entertaining, educational, and informative website at <https://rantechology.com>

## RADIOFEST 2022

### PRESENTATION 2

TIME: 1:00 pm – 1:50 pm

TITLE: "Setting Up a Workbench For Repairing and Restoring Vintage Audio Equipment and Antique Radios"

PRESENTER: Pete Nauseda

LOCATION: Music Room

Vintage audio and radio enthusiast Pete Nauseda will describe how he set up his workbench for repairing and restoring vintage audio equipment and antique radios. This will include what type of test equipment is recommended, purchasing the test equipment and setting up the workbench. He will also discuss how he uses his Digital Camera to document and aid in his restorations. He will also present tips and share his experiences in doing his restorations.

Pete's ARCI presentations are always informative and entertaining, so be sure to set time aside to join Pete for this unique topic.



Pete Nauseda

Pete Nauseda boasts decades of technical experience with vacuum tube audio equipment. He has shared his knowledge via presentations at many ARCI *Radiofests* and always draws an enthusiastic audience. In addition to kit building, Pete's interests and skills include engineering, restoration and collecting.

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**SATURDAY SWAP MEET SELLERS SPACES:**

- \$20 Each, On-line registration
- \$25 Each, Paper Mail-in registration
- \$30 Each, On-site

**Note: Spaces are first-come-first served- no assigned space numbers**

See [www.antique-radios.org](http://www.antique-radios.org) for on-line OR paper registration form or email us at [clubinfo@antique-radios.org](mailto:clubinfo@antique-radios.org)

**SWAP MEET TABLES:** 6' - \$15 Each  
(Pre-registration only)

**HOTEL ROOMS: ARCI Rate \$99 per night**  
(before July 22)

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**PLEASE NOTE**

- NO SALES BEFORE 7AM SATURDAY.
- All activities are subject to rescheduling.
- Individuals are responsible for safeguarding their own property.
- Neither ARCI, including their individual directors, officers and/or members, assumes liability for any injury to any person, or any loss, theft or damage to any personal property.
- ARCI reserves the right to remove any item deemed inappropriate for sale at the main auction, swap meet, or donation auction.



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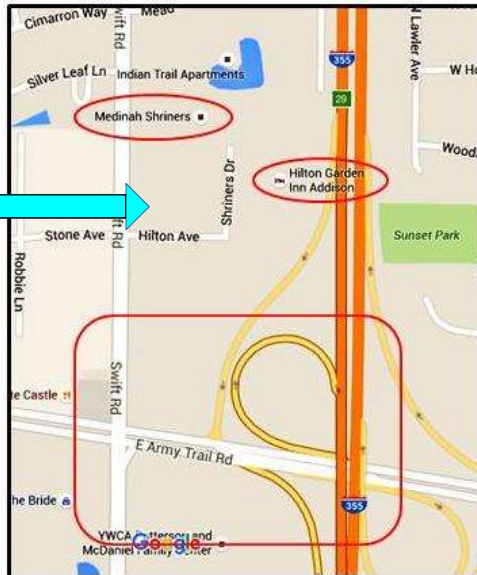
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### With Special Thanks:

To All The Volunteers and Contributors  
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**Baseball or Beachball**

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## HITACHI

slim-line 6-transistor  
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the incredible **HITACHI**  
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Brilliant tone. Only 4 5/8 x 2 3/16 x 1 1/4. Power plus . . . with 8 transistors, 2 diodes, varistor; dynamic speaker. Gift-boxed with battery, and 2 leather carrying cases for radio, earphone, long-range antenna. Fully Guaranteed. TH-627R **\$39<sup>95</sup>**

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## A Bad Reputation?

by David Kruh

I have a Masters degree in engineering but have spent most of my professional life in marketing; over 23 years here at Analog Devices. Though ADI is a global leader in the manufacture of semiconductor solutions for signal processing, I am inexorably drawn to earlier tech - specifically vacuum tubes - thanks to my hobby of restoring antique radios. **I have found that stories of advancements and failures in old tech can provide lessons for both the engineer and marketer of today's high-tech products. Today I look at how a bad (perhaps undeserved) reputation was born, spread, and survived for eighty years...**

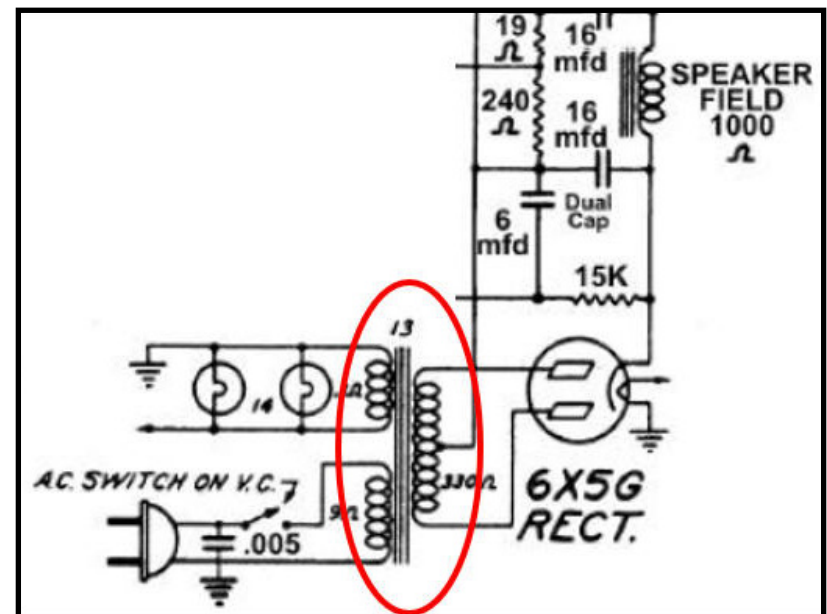
It was 1940, and the folks at the Zenith Radio Corporation of Chicago Illinois had every reason to be proud of their newest consumer radio. The floor model 8S463 was a real Art Deco beauty, crafted in the finest wood and finished with a high gloss lacquer which seemed to make the radio glow even when turned off.



For their \$70 (about \$1300 today) consumers could do more than just listen to their favorite AM station. The Zenith 8S463 also had a shortwave band so they could hear the latest news directly from the countries involved in the European war. It also included the police band, at the time located just above AM. A phono jack on the back of the chassis allowed for an audio feed from a phonograph or the latest technological marvel, then in limited use: television.

**\$70 also brought a potential disaster into thousands of American homes.**

First, a quick lesson on tube radio power supplies. Tube radios need both AC (alternating current) and DC (direct current) to operate. Some of the AC is used to heat filaments in the tubes. Cathodes, heated by the filaments, give off electrons when hot, providing a source of negatively charged electrons. Positive DC voltage – often 400 volts or higher – is needed for the plates of the tubes to provide a path for the electrons from the cathodes. Both the DC and AC must first pass through the power transformer, circled in red below.



We are just warming up – literally. As we see in the “WARTIME” service bulletin (see image 3-next page), Zenith had been hearing from the field that transformers in the 8S463 (as well as a few other models) had a troubling propensity to heat up. Before you could say “Little Orphan Annie” they would smoke, and then fail.

If customers were lucky, the wires inside the transformer would burn out open. It wasn't cheap, but then all they'd have to do is call a serviceman to install a new transformer (a more robust one, suggested Zenith.) But, if they were not so lucky, wires inside would fuse together and short the transformer. This either blew a house fuse or, if the owner was really unlucky, short B+ (high voltage going to the plates) to ground. Kiss the tubes and other components goodbye.



# WARTIME SERVICE HINTS

NUMBER ONE

APRIL, 1943

## Zenith Distributors' Service Managers Suggest Service Short-Cuts

(IMPORTANT PARTS AND TUBES SUBSTITUTION INFO.)

space because of the various shapes of shells used; we might say here though that quite a number of transformers are interchangeable by simply removing the old shell and using it on the new assembly, so that mounting lugs and holes will match.

### Service Shorts

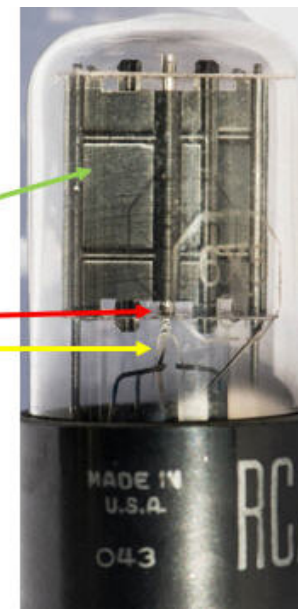
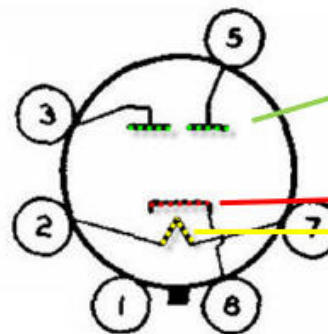
The burning out of the power transformers in the sets using the 6X5 tubes has been kept at a minimum by wiring in a dial light in each plate lead of the secondary of the transformer. These should be of the 1/4-amp. or .15 amp. size depending on the drain of the set. They glow very slightly under normal conditions but will burn out immediately upon the short-circuiting of either of the rectifier tubes. Some servicemen located in the rural districts have even put in sockets for these panel bulbs making it possible to replace them without removing the chassis and enabling the owner to replace both the rectifier tubes and the bulbs in case of trouble. We have found that these panel bulbs work much better than fuses either in the primary or high-voltage circuit as they stand temporary overloads without burning out and yet will open the circuit when shorted out. To the best of my knowledge, we have never lost a transformer the second time when these bulbs have been put in when the transformer was changed.

In the service bulletin (above) Zenith subtly intimates a problem with the 6X5 rectifier tube. **“The burning out of the power transformers in the sets using the 6X5 tubes has been kept at a minimum by wiring in a dial light in each plate lead...”** Suggesting the use of dial lights as fuses was not a bad idea. An excess of current flowing from the transformer would overheat and open the bulb’s filament. This open would stop current from flowing, preventing the transformer from shorting. Problem solved, right? Well, not if you read on to the part where Zenith says **“...we have never lost a transformer the second time... when the transformer was changed.”**

So, was there a problem with the transformer? Not really. It was a perfectly fine transformer but the folks at Zenith had put it into in a circuit requiring way more current than it was designed to handle. But, as we already saw, Zenith was then quick to throw a little shade on the tube by recommending the installation of dial bulbs **“...in the sets using the 6X5 tubes.”** So now we’re back to the tube. Was there a problem with the 6X5? The answer is... not so definitive.

Some say the 6X5 was a disaster waiting to happen, in part because of the physical construction of the tube in which the filament and the cathode which it is heating are spaced too close together. If (and, some say, when) a high voltage breakdown of the aluminum oxide occurs the 6X5 would fail AS A SHORT, not as an open - the filament/heater and the cathode simply fuse together. Within time the B+

also shorts to ground and that’s when disaster strikes inside the radio. This might explain why Zenith recommended both a transformer replacement and dial light bulbs in series to protect the circuit - not from the transformer but the 6X5.



But is the 6X5 really deserving of, as one hobbyist wrote **“...possibly the most universally-reviled type in all of tubedom?”** Lots of other rectifier tubes have similar configurations in which the cathode is indirectly heated by a filament but none have gained such enmity. Subsequent versions of the 6X5 (released with different arrangements of the three elements) seemed to justify the concern. Known as a **“Ruggedized”** tube, it features plates in a **“Figure 8”** pattern as well as a wider spacing between the filament and cathode. Did this solve the problem? Depends who you ask. A couple of years ago, when I finally got around to restoring the piece, I found the debate over the 6X5 tube still raging today. Here are just a few of the opposing viewpoints posted on the [Antique Radios](#) website:

**“The late production 6X5GT’s had some design improvements, but I still don’t trust them. There is no way I would put a 6X5G in ANYTHING.”**

**“I’ve never had a problem with a 6X5** as long as it is operated well within its limits. In the 1940’s, Zenith had a problem with the 6X5 because of an undersized power transformer and running the tubes at their limits or above...”

**“I don’t think ... the marginal transformers in Zenith radios causes a 6X5 to short, the transformer is under rated [and] a short in the 6X5 tube quickly kills the transformer.”**

The argument for/against either transformer or tube is further complicated by an increase in voltage fed into the typical American home. In the 140 years since

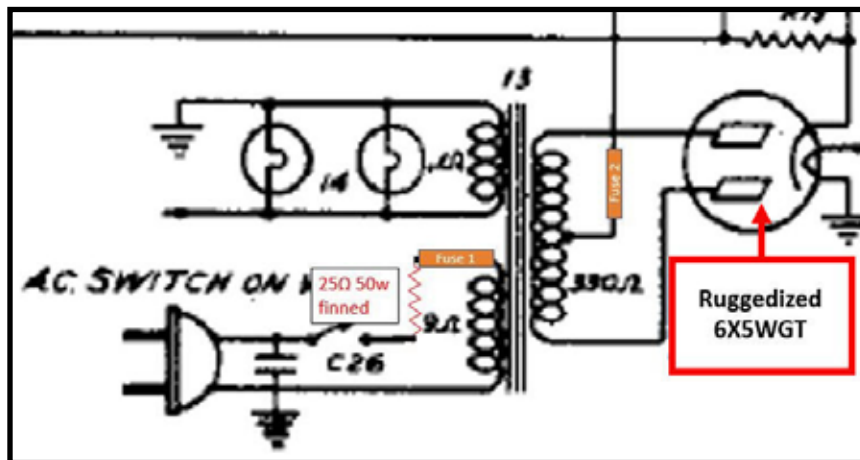
the distribution of AC began (see my piece on the [great battle between Edison, Westinghouse, and Tesla](#)) line voltage has steadily increased:

- 1883: 110v
- 1920s: 112v
- 1930s: 115v
- WW2: 117v
- Today: 121v to 122v

Higher line voltage, an under-rated transformer, and a flawed rectifier tube add up to a bigger-than-usual challenge for today's Zenith radio restorers like me. **What combination of modifications would provide for safe operation of the set?** Replace the hated 6X5 tube with diodes? Install a beefier transformer? What I decided to do was keep the transformer but make changes to mitigate (but not repair) the aforementioned concerns.

### My Approach:

1. Add a 25-ohm 50-watt finned resistor on the hot leg of the AC input to mitigate the rise in voltage from 115v to 122v
2. Replace the 6X5 with a "ruggedized" tube to greatly reduce the chance of filament/cathode shorting
3. Fuse both AC in and the transformer's center tap out, in case either the #1 or #2 change fails (belt & suspenders!)



In the Boston area we have an AM radio station (740 WJIB) which, on Sunday afternoons, plays "crooners and Big Band" music appropriate for this pre-war Zenith. I have confidence that for the few hours a week I play my beautiful Zenith it is safe to do so. I hope I sound this good when I'm 80 years old.

This article was originally published on February 12, 2020 on the Engineer Zone <https://ez.analog.com/>. See the original in its entirety at <https://ez.analog.com/blogs/b/engineering-mind/posts/a-bad-reputation> Reprinted with permission.

## My Grandpa's Radio

by Dave Kowski

March 27, 2022 This is my grandpa, Harry A. Kowski. He was the proud owner of a 1934 E.H. Scott Allwave 15 tube radio.

He would often like to sit and talk about how he would, after work at Armstrong Tool Company (where he worked as a tool and die maker from 1922 - 1965), meet with Mr. Scott where they would talk and listen to his future radio.

There were a few cabinets he was hooked on, but finally decided on the Tasman cabinet with the side cut outs. It was delivered and set up for him. He said it "Was a long time getting home (after work) to relax and tune in around the world."

A few years later he also purchased a double outlet Allwave antenna, which we still have. The Scott has been played daily for much of its life. A few tubes were replaced about ten years ago and a Blue Sprague Capacitor was put in the power supply.

In the summer of 1968, my grandpa gave his Scott to his son (my father) George T. Kowski to enjoy. On weekends, my dad would play polka music like Li'l Wally. In 1985 I got married and bought a beautiful home and my dad passed it down to me to enjoy now. To this date it is still played daily for an hour or two and it plays and sounds beautiful.

Before my grandpa passed away in 1992, I had purchased a Scott Laurette and a Philharmonic 1940 in a Georgian cabinet. Boy was my grandpa excited.

This picture was taken in early summer of 1992, just a few months before he passed away at the age of 89 1/2 years old. Now he's in heaven with my grandmother Helen, my dad, and Mr. E.H. Scott.



Scott News cover, September 1934

An example of an Allwave 15 in a Tasman cabinet.

E.H. Scott Radio Laboratories is sometimes confused with H.H. Scott. E.H. Scott was founded in 1925 by Chicago resident Ernest H. Scott. The company motto was "The Fine Things Are Always Made by Hand". The company published news of its latest developments monthly in "The Scott News" from 1929 to 1946. The company was also known as Scott Radio Laboratories, and went through many changes of ownership until its eventual merge with John Meck in the 1950s. Known for its elaborate, high quality radio receivers, the company had no connection to H. H. Scott. In later years, HH Scott filed a lawsuit ending the use of the Scott Radio Laboratories name.



## RENEWALS

### DO YOU KNOW WHEN YOU WILL EXPIRE?

Or, more specifically, your ARCI Membership? The address label shows your expiration month. It takes time to process renewal requests, so please renew at least one month BEFORE the month indicated on the label. This also helps ensure that you will continue receiving your *ARCI NEWS* without interruption.

Look on the last page of this newsletter for the renewal form.



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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 [clubinfo@antique-radios.com](mailto:clubinfo@antique-radios.com) and mail a check for \$80 to Rudy Hecker, A.R.C.I., P.O. Box 1139, LaGrange Park, IL 60526

Thank you all for your continued support of ARCI!!!

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# ARCI



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The OBOE was the  
despair of a radio engineer's  
life because he couldn't capture  
its tone and timbre...but have you ever heard it on a Scott?

Perhaps it's unkind to whet your appetite for a Scott Radio now when there are none to be had, but a Scott owner near you would love to have you listen with him (if you can get him to stop talking about the instrument long enough to let you hear it).

**SCOTT FINE RADIO RECEIVERS**

The Oboe is a strange, shy instrument in the orchestra, lending a distinctive "flavor" to fine music with its peculiar moody note. Because its range is so elusive, few radios have been deft enough to capture it truly, to the annoyance and despair of radio technicians. But if you are a Scott owner now . . . or later when you will be one . . . you can hear the Oboe in its matchless voice, with all the fleeting grace notes and overtones of a "living performance."

Today there is sterner work for a Scott than bringing the wonder and glory of music into your home. On all the oceans, wherever our tankers move, or convoys sail, Scotts are providing our seamen with favorite programs from home, or vital messages of war. And the Scott is engineered so that no telltale "leak-back" can reach a lurking submarine. The millions of men who have heard the Scott under these conditions will want one after-the-war because it "gets everything." You will yearn for a Scott, too, if ever you hear one.

A good way to get one is to buy bonds, bonds, bonds . . . then a Scott can be yours soon after the whistles blow.



**E. H. SCOTT RADIO LABORATORIES, INC.**  
4450 Ravenswood Avenue, Chicago



E. H. SCOTT

SEE . . .  . . . PAGE 71



# ARCI NEWS

Antique Radio Club of Illinois

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