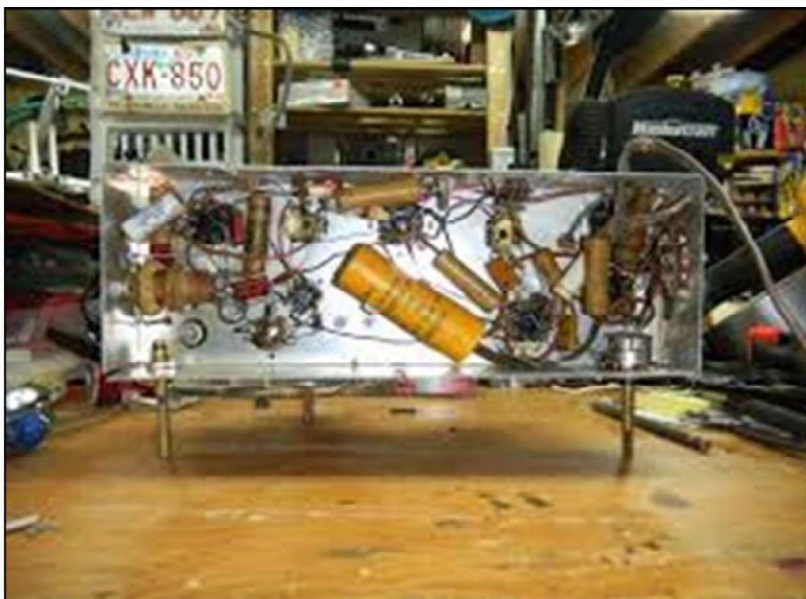


## Repairing Radio Repairs Part 1



### Next WARCI Meet:

**Sunday May 5th, 2019: 8:30 -11:30 AM**

**Gates open at 8:30 AM for setup**

**located at 3610 Lexington Ave  
Madison, WI 53714**

**(see page 20) Look for the sign!**

#### Features:

- Swap Meet
- Donation Auction

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## 2019 CALENDAR OF EVENTS

March 24<sup>th</sup> (West Allis)  
 May 5<sup>th</sup> (Madison)  
 June 2<sup>nd</sup> (Milwaukee)  
 July 7<sup>th</sup> (Milwaukee)  
 August 25<sup>th</sup> (Madison)  
 September 15<sup>th</sup> (Milwaukee)  
 November 3<sup>rd</sup> (Milwaukee)

### Swap Meet Locations and Times:

**Milwaukee (8-11AM):** The Terminal  
5917 S Howell, Milwaukee, W

**Madison(8:30-11:30AM):** 3610 Lexington Ave,  
Madison, WI 53714

**West Allis (8-11AM):** Knights of Columbus  
1800 S. 92nd Street, West Allis, WI 53214

## About WARCI

The Wisconsin Antique Radio Club, Inc. exists to preserve the history and enhance the knowledge of radio, television, and other related disciplines, promote fellowship and the exchange of ideas and experience between antique radio collectors. We have a special interest in the history of radio in our home state of Wisconsin: Wisconsin radio companies and their radios, Wisconsin radio stations, etc. Our members' interests include radio (encompassing transmitters, earphones, speakers, antennas, tubes, batteries, components, etc as well as receivers), television, audio, and antique phonographs.

Individual memberships are \$15 for the calendar year (January – December), including a subscription to the WARCI News.

WARCI holds six swap meets in the Milwaukee-area each year, in January, March, June, July, September and November. The seller's fee at Swap Meets is \$7.00 for members, \$10 for non-members. Additional swap meets in May and August are hosted by the Madison chapter of WARCI and follow the same schedule. Swap meet times are 8:00AM – 11:00AM for Milwaukee-area meets, and 8:30AM – 11:30 AM for Madison-area meets. Doors open at 8th the posted time for set-up. Check the WARCI website for the most up-to-date meet schedule.

WARCI publishes the WARCI News five times per year (January, March, May, July, and September) in PDF or hard copy. The newsletter reports on club activities, includes articles contributed by members, photos from club swap meets, news and events of neighboring clubs including ARCI, NARC, and MARC, and members' classified ads.

The club operates the WARCI website at [www.warci.org](http://www.warci.org). The website features information on club activities and a growing compilation of information about Wisconsin radio companies and their radios, including photographs and WARCI News articles about the companies. The intent is to gradually develop an overall history of radio in Wisconsin, its companies, broadcasting stations, etc. Back issues of the WARCI News and the Battery Set Compendium are also available for download from the website. WARCI is also on Facebook.

WARCI also takes special pride in promoting in the newsletter and the website Bob Paquette's world class Microphone Museum displaying Bob's magnificent collection.

Contact one of the WARCI Board Members below for more information about WARCI.

## WARCI OFFICERS AND BOARD (2019)

**President** -- Nicholas Tillich, [president@warci.org](mailto:president@warci.org), (262)271-1564

**Vice President** -- Terry Hanney, [earlyradiosets@gmail.com](mailto:earlyradiosets@gmail.com), (414)429-4405

**Secretary** -- Mike Sadjowitz, [msajdowitz1@gmail.com](mailto:msajdowitz1@gmail.com)

**Treasurer** -- Bill Engaas, [craftyradioBK@yahoo.com](mailto:craftyradioBK@yahoo.com), (262)786-8183

**Board Members** -- Jim Menning, Dale Boyce, Mike Krawczyk, Dennis Schrank

**WARCI News Editor** -- Mike Sadjowitz, [msajdowitz1@gmail.com](mailto:msajdowitz1@gmail.com)

**Webmaster** -- Nicholas Tillich, [webmaster@warci.org](mailto:webmaster@warci.org)

# WARCI NEWS AND DOINGS

## WARCI 2019 Meet Dates

March 24th, 2019 - Knights of Columbus

May 5th, 2019 - Madison Chapter Meet

June 2nd, 2019 - The Terminal

July 7th, 2019 - The Terminal

August 25th, 2019 - Madison Chapter Meet

September 15th, 2019 - The Terminal

November 3rd, 2019 - The Terminal

Dates also posted on the website

[www.warci.org](http://www.warci.org)

## New Members

**Ron Both**

**Thomas Fickau**

**Tony Forth**

**David Sherlock**

**Tom Van Beek**

**“Newest life member”**

**Tom Carlson**



**RADIO ROOTS**  
OLD TIME RADIO  
TUESDAYS 10:00AM-NOON

**WRLR 98.3FM**  
ROUND LAKE HEIGHTS ILLINOIS

Streaming world wide: [wrlr.fm](http://wrlr.fm)

**RICK HAGERTY**  
PRODUCER-HOST  
[ricksradioroots@gmail.com](mailto:ricksradioroots@gmail.com)



**The Breeze**  
1420 AM

Hosted by WARCI Member Greg Van Beek

## **“ATTENTION”**

Bill Engaas our treasurer for WARCI would like to step down from this duty for the clubby the end of the year. If anyone is interested in joining the board and take on this responsibility contact Nick Tillich,

## **Library**

Well, the WARCI library was not a great hit for our members, so any books remaining will be sold off at the March meet. Check with Nick Tillich for more details!

**Saturdays 9:00 PM to 10:00 PM**  
**Streaming Live at [www.1420thebreeze.com](http://www.1420thebreeze.com)**

**WGXI 1420 AM on the dial in Plymouth, Wisconsin**

Legendary singers, big bands, and personalities from the 1930's to the 50's and beyond, along with Classic Old Time Radio Show Broadcasts

[NostalgiaRadioTime@yahoo.com](mailto:NostalgiaRadioTime@yahoo.com) Look for us on Facebook & Twitter

# News from Neighboring Clubs

## ARCI

Antique Radio Club of Illinois

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

**Next Events (see ARCI website):**

**April 28, 2019 7AM - 11AM**

Outdoor Swap Meet.

9:30AM Inside Business Meeting

American Legion Hall, Carol Stream, IL

## NARC

Northland Antique Radio Club

[www.northlandantiqueradioclub.com](http://www.northlandantiqueradioclub.com)

Radio Daze 2019

May 17 - 19, 2019

See NARC Website

For more information

*This is always a great meet !*

## MARC

Michigan Antique Radio Club

[www.michiganantiqueradio.org](http://www.michiganantiqueradio.org)

The 2019 Extravaganza in July will feature a concurrent meet at the same location of the Telephone Collectors Association. They will have a flea market and demonstrations.

19- 20 July, 2019

Lansing, MI

Visit the MARC website for details

## IARCHS

Iowa Antique Radio Club Auction

[www.radio-collector.com](http://www.radio-collector.com)

Saturday May 4, 2019 10:00AM

Hayrack items start at 9:00AM

Auction Building at Hawkeye Downs,

4400 6th Street SW, Cedar Rapids, Iowa

Auction organized by IARCHS and professionally conducted by Brent Wears, one of Iowa's leading auctioneers. Watch the clubs website at:

[www.radio-collector.com](http://www.radio-collector.com)

## Ozaukee Radio Club

### May Hamfest

Saturday May 4th, 2019

W67 N866 Washington Avenue

Cedarburg, WI

[www.ozaukeeradioclub.org](http://www.ozaukeeradioclub.org)

## Other Hamfests !

July 6, 2019 - South Milwaukee Amateur Club

[www.qsl.net/wa9txe](http://www.qsl.net/wa9txe)

# LOST and FOUND

**Lost and Found.** There was a shoebox left at the April 2017 Madison swap meet. If this is your item, please describe the contents and we will return it to you. Contact Nick Tillich at [president@warci.org](mailto:president@warci.org) if you believe this belongs to you. If no one claims this item by the May 2019 WARCI Swap meet, this item becomes property of WARCI. A photo is attached.

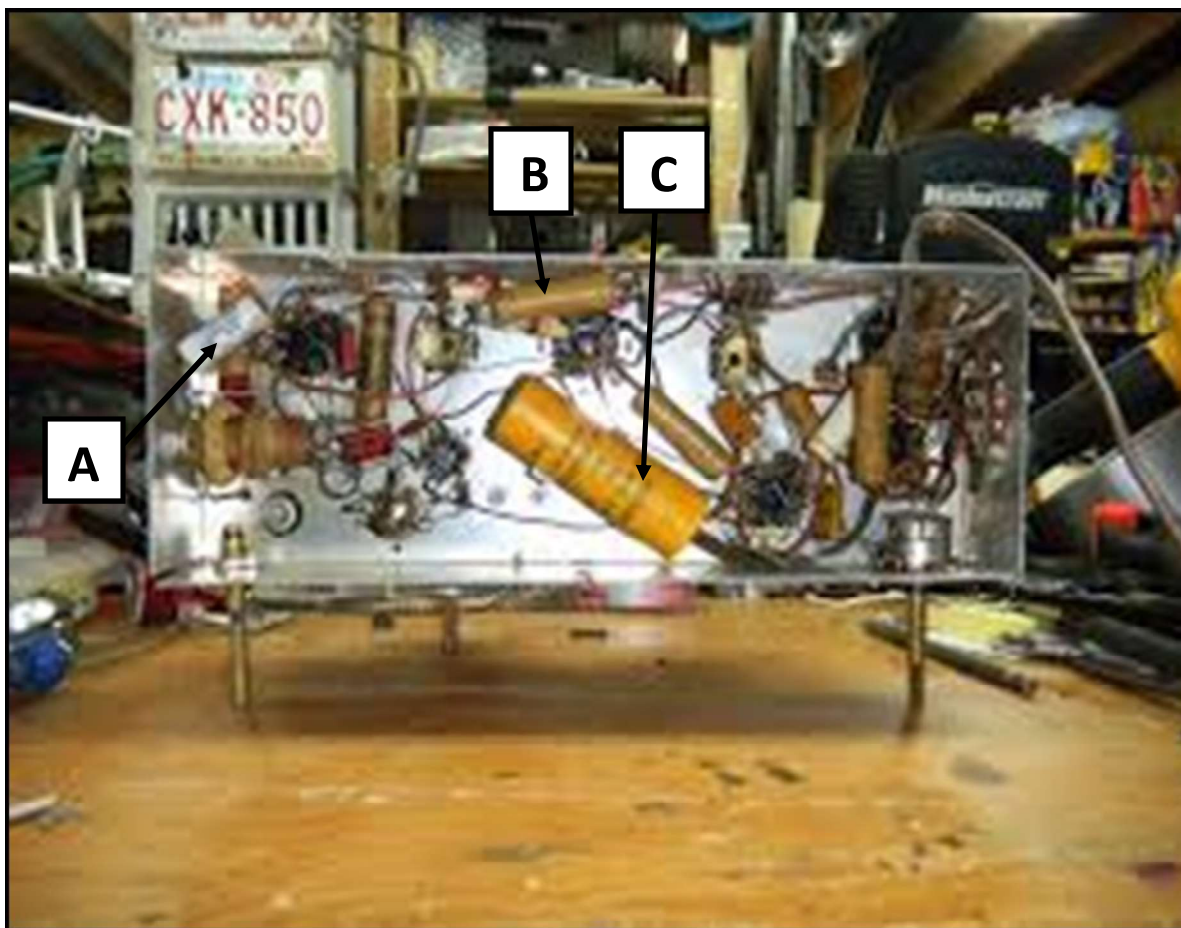


# Repairing Radio Repairs

By Ed Lyon

*For the collector, him who does his own restoration of the electronics in old radios, nothing is as irritating as finding former repairs that may have precipitated the trouble now apparent in a poor old set. And not always carelessness on the former repair-persons part: sometimes the correct part or component was not available, such as during the 1942 - 45 wartime shortage.. But sometimes such repairs exhibit signs that the fixer-upper may not have been aware of some of the fine points in electronic circuits.*

**I**n the radio and electronics restoration racket...um....perhaps restoration business, it is not uncommon to run across previous repairs. I have noticed, in these instances, a tight correlation between the quality of workmanship exhibited in the earlier repairs and the then-value of the electronic device, itself. Cheap ac-dc radios often got what look like hasty fix-ups using ill-fitting parts, and many mid-air splices in wires and component leads, McMurdo, Lincoln, and Scott chassis, on the other hand usually has good work done, and any rework needed now for Scott or Silver sets, seems to be, in the main, due to failures in original components.



**Figure 1. Capacitors A, B, C could well have been installed at three different times in this radio, and still needing recapping.**

*Continued on page 7*

We always exclude, here, components like the in famous “Black Beauty” capacitors, because they are failures, perhaps 5 to 20 years after their installation as replacements for original paper capacitors, or as original components in many quality amplifiers and radios of the 50s and 60s, was unforeseen especially by their manufacturer.

MAARC’s Geoff Shearer and Jay Forbes do a great deal of radio and the amplifier repair and restoration work. Geoff’s main concern when he runs into an obvious case of a sloppy earlier repair that has finally succumbed to further decay or failure is, “What else will I run into in this mess?” On a recent bout of undoing some faulty repair work on the Chassis, resulting, finally, in that section of the radio showing proper voltages and resistor readings, but still had no complete functionality. Geoff took the Chassis over to Jay’s where they poked about in the old repairs, and Jay found the mica padder capacitors on the 2-gang tuning capacitor had been tightened down ( like a good mechanic would do with spark plugs or wheel lug nuts) to the point that the mica had all been crushed and split, and was largely missing altogether, leaving the tuning gang sections shorted out. Such heavy-handed repairs as this radio had, apparently undergone were more common during the second World War in the services, where many T/5’ with excess time on their hands couldn’t abide less-than-absolutely-tight bolts, nuts, and screws as they spoiled the tuning of many radios, radars, and navigation systems.

We can categorize some of these repairs of repairs in what follows. In the “Power Supply Category” this first story relates to a portable audio amplifier brought to me for repairs in 1994 or 1995, a Gibson guitar amplifier that the owner had worked on, but was unable to get it working properly. He called it his “persistent hum amp, which grew like Topsy.” Before the visit, he had loosened the screws mounting the amplifier chassis in the cabinet, so the chaps slid out readily. I unplugged the speaker, still in the cabinet, planning to use a bench speaker kept handy for such times. The underside of the Chassis was cramped with mica capacitors, many of which were connected in parallel with each other. He hastened to explain that Gibson insisted on mica capacitors in their amplifiers, and the largest values of 500 V mica caps, he could find in a hamfest shopping were 820pf to 1000pf, and he knew he needed larger values than that in audio circuits, so he paralleled as many as needed to get the right sound from the amplifier, but it still lacked any bass to speak of. He had no schematic for the circuit, and I didn’t have access to one, either, so I would have to try to trace the circuit, but couldn’t even see the wiring because of layers of mica caps everywhere.

I told him I would have to remove some of them, just to see which group ( all tack soldered in parallel) was which. While removing them, I asked what made him think Gibson needed mica caps, since I had repaired a couple guitar amplifiers ( and earlier Gibson and one for a Hawaiian guitar I had owned maybe 10 or 15 years before). He said he had been advised by a fellow guitarist to recap his amplifier, based on its age and the then popular theory that Gibson used molded caps that failed readily.

*Continued on page 8*

He had saved the “mica” caps removed from his amplifier, and showed me one. It was one of those black lozenge-shaped molded paper caps that had six color-coded dots on its face, like a mica capacitor would. As I suspected the first and fifth dots were Silver colored, and a dead giveaway for those paper caps that look like mica’s. so I removed all his mica capacitors and replaced the bottom layer of them (his first installment) with orange drop capacitors that were of reasonable values for the amplifier circuit, being sure that the time constant for the coupling circuits (product of a coupling capacitor value in uf and grid resistor value in Megohms) was at least 0.03, so he would get his bass sound back. In his recapping adventure with mica capacitors, he had started with coupling time constants in the two 6V6 power output stage grids circuits of about 0.0005 which must have sounded tinny as heck, and then, by stages he got to 0.002 which was still very “twangy.”

Well, with decent capacitor sizes installed the sound came back, but along with it was some 60-Hz hum, very noticeable if he can run the gain up and keep the guitar quiet.. I unplugged the guitar and plugged in a phone jack that I had made up years before for checking for shielding faults in microphone cables. This phone plug had a 100-ohm resistor shunting its tip and ground terminals. It should have efficiently grounded the amplifier input, so the gain should have been able to be cranked up as high as desired, and no sound should have been heard. But the hum was there. The tubes were tested for shorts, and replaced, to be sure there wasn’t some kind of heater-to-cathode leakage, and the Chassis was examined very carefully, with much poking around to see if something in the heater wiring had been overlooked.

One thing he had done which modified the original input system a bit was to add a guitar jack to the back of the cabinet, on a small angle bracket screwed to the rear wood cabinet opening.



*Continued on page 9*

He had routed shielded wire from there across the chassis, past the power transformer, and into the chassis bottom, bypassing the original guitar jack, which he had converted to another microphone input. Such tinkering with the input circuits, with the full gain of the amplifier following the modified wiring, is often a source of 60-Hz powerline pickup, and the kind of hum we heard. It was time for the “scope.” Carefully clipping the also oscilloscope probe ground lead alligator clip to the Gibson chassis did not affect the hum, but about 60 to 80 mV of 60-Hz signal showed up on the scope when the probe was touched the tip terminal of the added guitar jack. The same level of hum signal was also on the *ground* side of that jack, hinting that the shield on the added cable from jack to the chassis guts might be poorly grounded.

Then I saw it. He had anchored the cable to the power transformer corner mounting bolt by means of a solder lug with the bolt head and wrapped around the cable, nearly soldered to the cable shield braid. Since there had been a fiber washer under the bolt head, he had removed it so his cable shield would be “well-grounded,” and not “indifferently earthed” as the British would say, by the less-than-firm clamping action provided by the fiber washer. Good intentions, but overlooking a sneak source of power line voltage.

Some power transformers have their protective steel shells attached by centered side-mount bolts, as in Fig. 3. Usually these four bolts also anchor the transformer to the chassis. Other transformer designs use only four bolts to hold the shelves in place as in transformer in Fig. 2. The Gibson transformer was of the former type, but it had fiber washers under the bolt heads at the corners, like the example in figure 4.



*Fig. 2*

**Corner-bolt mount type.**



*FIG 3*

**Side-bolt transformer mount method,  
also called vertical mount.**

*Continued on page 10*

Reason for these fiber washers, and, unseen in the pictures, the paper straws or tubes that surround the long bolts as it passed through all the steel laminations of the transformer core and through the bottom shell, the fiber washer, and nut on their other side of the transformer, is to isolate these bolts. Why? Because the transformer designer realized these bolts actually became one-turn transformer windings passing through approximately half the core's cross-section. So if the transformer primary winding has, say, 2000 turns of wire, and is connected to 120 V from the power company, then almost a tenth of a peak volt of power line signal will be generated between the ends of this bolt. Now if the bottom end of the bolt is firmly attached to the chassis, then the top end will be off-ground by almost a tenth of a volt, which was where the Gibson owner attached the shield ( would-be ground) for his new guitar jack, thus injecting the sneak one tenth volt into his amplifier input. The owners attempt at getting a good ground by removing the fiber washer was ineffective, because the source of the voltage (the single turn of heavy conductor offered by the bolt, was more muscular then the indifferent earthing of the top shell of the transformer.) Solution? Simply do not trust the top end of these bolts to be at chassis potential; ground things elsewhere, not to these bolts.

Now, how about the two-bolt type, shown in Fig. 3? Notice that these type transformers almost never have fiber washers under these bolts. But also notice that these bolts do not penetrate the core laminations at all, but pass through slots cut into the laminations. These bolts do not develop any power-line signal voltage between their hands, because the core doesn't not know they're there.



**Fig 4**

*Continued on page 11*

That repair of the Gibson hum problem made me curious about whether this casual use of the transformer mounting bolts might happen more often than one would imagine, since these bolts do seem to be handy for mounting things. I looked over a number of chassis and complete radios in the stash, and *mirabile dictu!* There it was, a Sears 101.682 chassis, taken from a broken-up Model 7070 cabinet for replacing a rusted-out chassis in a table model I had obtained for a dollar or two in a flea market. Some repair man had replaced the three-section main electrolytic capacitor with the new one, and he used a base clamp to mount the new cap, instead of using the twist-tab mounting disc that usually comes with the new can-type unit. Maybe his new capacitor, didn't have a mounting disc, or he misplaced it, but he had fastened the new base clamp up on the left corner of the power transformer, sort of as I sketched on the writers chassis drawings shown in figure 5.

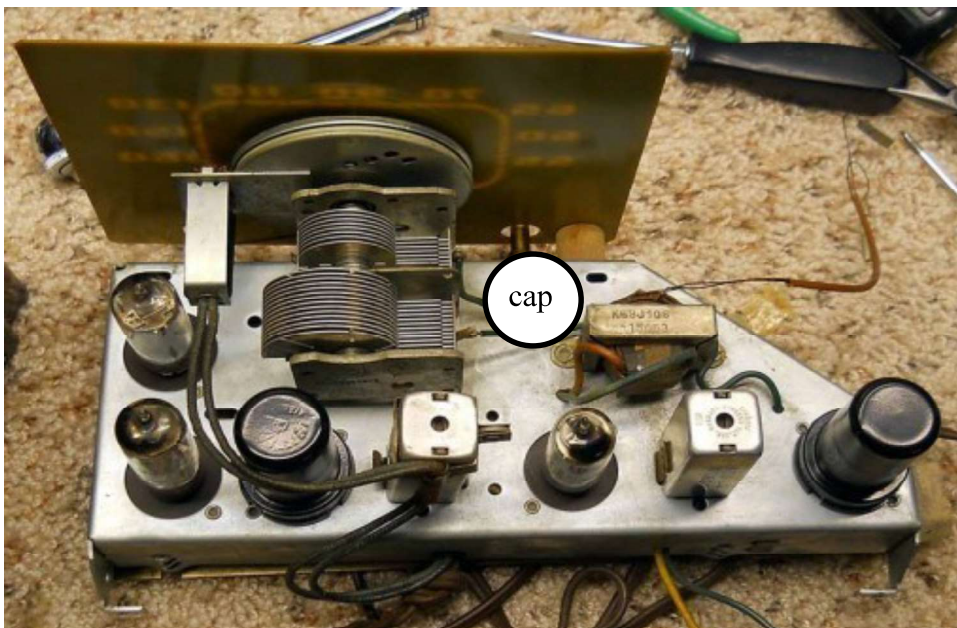


Fig 5

Someday I should get around to installing that Sears chassis in the radio. It's a ten-tube set with push pull 6V6 outputs that simulates a Midwest, with several wasted 6J5 tubes just the goose that tube count.

This is the end of part one of repairing radio repairs. Part two will complete this article written by Ed Lyons, in the May issue of WARCI NEWS.

# Classified Ads

**Remember that classified ads up to about 1/4 page are free to WARCI members**

**The cut-off date is the 15th of the month prior to the publication. Example( The July 2017 Issue means articles have to be to me by 15 June). Send ads by email or mail**

**To: Mike Sajdowitz, WARCI Editor, W220 N2716 Maplewood Ln, Waukesha, WI 53186  
or msajdowitz1@gmail.com**

**Wanted:** All things Hallicrafters ! Receivers, transmitters, accessories, television sets, test equipment, signs, books, etc. Also silver-Marshall (1933-34) and Echophone.

**Stan Broome, 108 East Main Street, Sun Prairie, WI 53590 1-608-658-6107.**

**Training - Michael Lewis 6070 County Rd. D, or Oregon, WI 53575 Phone:608-835-7193, email: deepheart@att.net**

**I have over 30 years experience in electronically restoring antique radios(I don't restore radio cabinets). For most of this time I've also taught others how to do radio restoration. I can be hired for 4 or 8hr blocks of bench time. You will have access to DMM's, digital audio and RF generators, capacitor and indoor analyzers, power supplies, and much other test equipment. I stock 1/4, 1/2, 1, 2, 5, and 10w resistors. Capacitor stock includes 75 values of mylars, micas, and ceramics; electronics from 25 WVDC to 450 WVDC. Tubes are available to my students as well as technical literature including a Ryder, Belman, and Gernsback manuals, factory manuals, and Sam's Photofacts. Whether you never soldered before, or regularly restore radios & are stuck on a "tough dog" chances are I can help.**

# Classified Ads

**WANTED: by Dale Boyce, Email: [radioman@wi.rr.com](mailto:radioman@wi.rr.com), 414 840-4146**

1. Briggs & Stratton Corporation, Milwaukee, WI (BASCO) radio equipment from 1922- 1937. Catalogs, complete or incomplete crystal radios, tube type radios, radio frequency transformers, earphones, tube sockets, crystal detectors, vernier rheostats, fixed resistors, multi-plate variable condensers, fixed capacitors, literature, advertising, parts boxes, battery eliminators (radio power units types "A", "B", "A+B"), push button tuners, promotional items etc. Please check your boxes of radio parts and your literature files. Also wanted: radios such as Globe Electric, Monroe McKillip and others which utilize BASCO radio parts.
2. 1920s tube type radios, amplifiers and radio parts boxes, advertising, promotional items, etc. made by Allen Bradley Company, Milwaukee, Wisconsin.
3. 1920s Crystal radios, tube-type radios, advertising and promotional items made by Sunlight Radio, Milwaukee, Wisconsin.
4. 1920s Julius Andrae and Sons Co (JASCO) Crystal radios, radio catalogs, radio equipment and promotional items made by Andrae Electric, Milwaukee, Wisconsin.
5. 1920s horn and cone type radio speakers made by Milwaukee companies including G&G Radio company, GEMCO, Granolite Art Products, Yahr-Lange, and others.
6. Individual and boxed sets of 1920s Brightson Blue radio tubes distributed by Yahr-Lange, Milwaukee, Wisconsin.

**WANTED: Parts and Literature: Glenn Trischan 414 357-7024, [gnets142@att.net](mailto:gnets142@att.net), P.O. Box 240022, Milwaukee, Wi 53224**

- Cylindrical Federal#35 RF transformer or similar, 3/8"L x 1 1/8" diameter, to studs/nuts on each end.
- Centralab catalogs from 1960s - 1980s. Central Radio Laboratories/Centralab parts 1920s - 1980s.
- Catalogs/literature/photos of any age from Marsh Radio/Electronics in Milwaukee.
- JMP Products or literature including Submariner and wave meter.
- Set of concentric tuning knobs for Crosley model 725 or clear photo of same.
- Set of Shortwave &, Television Laboratories, Boston, 4 pin coil set (red, blue/black, brown, green) or individual coils.
- Always seeking Wisconsin made radios, especially Globel Electric, Advanced Electric, and Fidelity/New England Mills.

**WANTED: Parts: Carl Zimm, [beampowered-tetrode@yahoo.com](mailto:beampowered-tetrode@yahoo.com)**

- Volume brass bezel for Zenith 701, 8" speaker for Philco 20, Crosley 59 chassis for Oracle, AK 80 or 90 chassis.

- For sale; McMurdo- Silver amp for Masterpiece

## Advertise with WARCI

**Adds up to 1/4 page may be placed in the WARCI news free of charge for WARCI members**

**Ad's larger than a quarter page are available at the rates outlined below:**

**1/4 Page free (members only)**

**1/2 page \$15/issue/\$60/year (5 Issues)**

**Full Page \$25/Issue, \$110/year (5 Issues)**

# Classified Ads

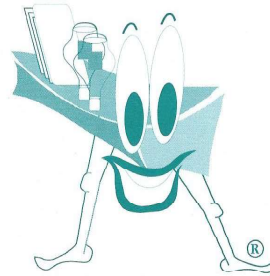


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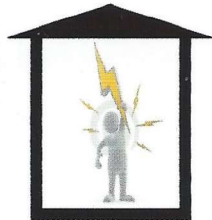
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[www.prnovelty.com](http://www.prnovelty.com)



## Electric Guru Parts House

We sell and buy vacuum tubes, electronic  
test equipment and radio equipment

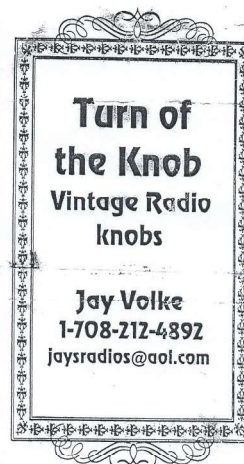
David Whitham Phone: 262-833-7999  
PO Box 212 Web: [www.electricgurupartshouse.com](http://www.electricgurupartshouse.com)  
Franksville, WI 53126 Email: [info@electricgurupartshouse.com](mailto:info@electricgurupartshouse.com)



## Vintage Electronics

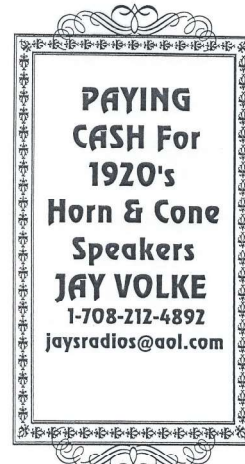
Patrick Kondreck

Milwaukee, WI  
414-444-2339  
[kondreck@excecpc.com](mailto:kondreck@excecpc.com)



**Turn of  
the Knob**  
Vintage Radio  
knobs

Jay Volke  
1-708-212-4892  
[jaysradios@aol.com](mailto:jaysradios@aol.com)



**PAYING  
CASH For  
1920's  
Horn & Cone  
Speakers**  
**JAY VOLKE**

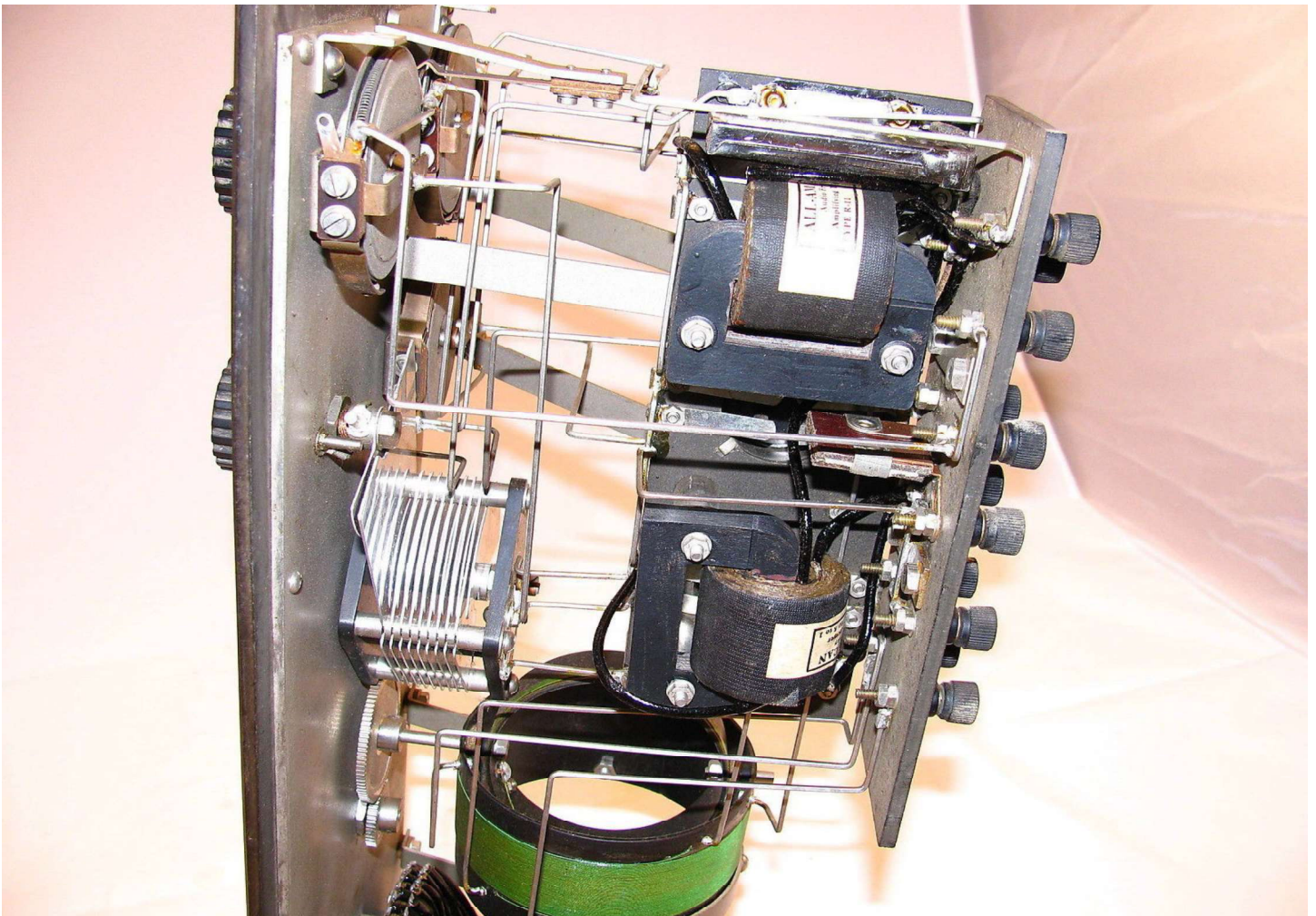
1-708-212-4892  
[jaysradios@aol.com](mailto:jaysradios@aol.com)

# Classified Ads

Wanted By: Phillip Drexler



Klitzgen model 125 detector amplifier. Please see page 170 of vol. 2 of "Radio Manufacturers of the 1920's" by A. Douglas for a picture. Two type R-11 (five to one ratio) All American open frame Audio transformers.



# WARCI SERVICES

This page contains classified ads from recent articles of WARCI News, the club newsletter. Classified ads are free up to 1/4 page for WARCI members. Classifieds will also be posted online on a regular basis. The cut-off date for all newsletter material is the first of the month preceding publication of the next newsletter (e.g. April 1st for the May issue). Ads may be emailed to : [webmaster@warci.org](mailto:webmaster@warci.org).

## WARCI Radio Services

The following is a list of WARCI members willing to provide repair/restoration services, advice, or research.

### WISCONSIN RADIO RAPAIR SERVICES

NAME	LOCATION (WI)	EMAIL	TELEPHOE	SERVICE(s) AVILABLE
Forrest Anderson	Oconomowoc	jmander@wi.rr.com	920 474-3643	Radio repair all ages, old TV Repair, Some cabinet restoration, over 40yrs experience
Dwight Church	West Allis	(NONE)	414 545-6972	Radio Repair- Electronics only
Bill Engaas	Menominee Falls	craftyradioBK@yahoo.com	262 766-8183	Speaker Repair
Mike Lewis	Oregon	deepheart@att.net	608 835-7193	Training
Ben Bensaid	Elkhorn	RegalSoundDesign@gmail.com	262 581-5453	Repair and restoration
Bill Callaway	Mattoon	pitboxer3@live.com	715 571-4304	Repair - all vintage

# Photos from January Meet



# ONLINE ADS

**FOR SALE:** Grandfather clock radio, serviced and working great. Radio can be viewed on YouTube here: <https://youtu.be/Y1RTGBiCl-s> If interested, make an offer. Call Frank Prince 262-639-9307.

**FOR SALE:**



**FOR SALE:** 1937 Philco 37-116X console radio. Restored, asking \$275. or more info call Frank Prince 262-639-9307. <https://youtube.com/philco37-116x>

**WANTED:** RCA 110K or 111K console radio, Table Top Detrola radio cabinet, also interested in 1970's LED watches. Call Frank Prince 262-639-9307

**WANTED:** DVD Recorder, working condition w/remote. Call Ben D. 262 344-3302 or Mike piering 262 657-0237

**FOR SALE:** Electrovoice 18W(wide) bare floor Speaker, Brand New. Asking \$250. or close offer.

Contact Ron Z. c/o 2860 Hwy K, Franksville, WI 53126 (no phone)

The Ozaukee Radio Club presents its 41<sup>st</sup> Annual Spring Indoor  
**Amateur Radio, Electronics & Computer**



# SWAPFEST

Saturday, May 4<sup>th</sup>, 2019 – 8 AM to 1 PM (Setup begins 6 AM)

## HUGE 16,000 sq. ft. Facility!

Columbia St. Mary's Center – Cedarburg, WI, W67N866 Washington Ave.

Talk-in: 146.97 – PL 127.3



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**FOOD!  
PRIZES!**

**FREE WIFI  
(OZ EXPO)**



Table Spaces \$10 (All Tables are 6 ft)  
**Buy 1 Ticket & 1 Table... just \$15!**

Use Order Form below or call Kristian Moberg, KC9TFP at 262-385-6027 for Tickets and Tables!

For Advance Tickets, send check with self-addressed stamped **Business-Size Envelope** to:

Kristian Moberg, KC9TFP – 11008 Balsam Tree Ct., Mequon, WI 53092

**Entrance Tickets just \$5 (Please make checks payable to ORC)**

Company Name: \_\_\_\_\_ Phone# \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Call Sign: \_\_\_\_\_  
Address: \_\_\_\_\_ e-mail: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
No. of Tickets: \_\_\_\_\_ X \$5 = \_\_\_\_\_ Electricity: Yes (Add \$5) \_\_\_\_\_ No \_\_\_\_\_  
No. of Tables: \_\_\_\_\_ X \$10 = \_\_\_\_\_ Total Amount Enclosed: \_\_\_\_\_

**(For Official Use Only)**

Ticket(s) # \_\_\_\_\_ Table(s) # \_\_\_\_\_ Init: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Vendor Entrance Used (Circle one): **1** **2** **3**

# Buyers and Sellers Wanted

## *The* **Wisconsin Antique Radio Club**

### **Madison Chapter**

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Will host a swap meet on Sunday  
May 5<sup>th</sup> at 3610 Lexington Ave. in  
Madison from 8:30 to 11:00 AM

**Outdoor meet with limited indoor space**

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Admission is free. Selling spaces are \$7.00  
for members, \$10.00 for non-members.

Bring your own table. Street parking is  
available for buyers.

