



# The ORC News -

Official publication of the Ozaukee Radio Club, Inc. Mail all contributions to the editor, Tom Ruhlmann, W9IPR, 465 Beechwood Dr., Cedarburg WI 53012 (phone 262 377-6945). Permission to reprint articles published in any issue is granted provided the author and the Ozaukee Radio Club Newsletter are credited.



AMATEUR RADIO

ORC Repeaters on 146.97, 224.18 and 443.750 MHz -  
Callsign W9CQO Web site: <http://www.qsl.net/orc/>

Volume XXII

May 2003

Number 5

## The Prez Sez

De Vic Shier, KB9UKE

The 25<sup>th</sup> Annual ORC Swapfest was a great success for our club. The attendance was over 300 and we sold nearly all of the tables. We generated good revenue from the club table and AA9W did a great job with the Scholarship table. Stan had fun as the club barker giving out numerous door prizes including the Grand Prize of \$100.00. Gary, WI9M reported that the Badger Examiners administered 14 exams with several people getting their first ticket.

Thanks to our vendors who contributed door prizes and to the following organizations:

Amateur Electronic Supply – Numerous Gift Certificates

ARRL - For several reference books  
NOOKS Software – Paper Chasers' Log software by Mark Kachel  
HamTest OnLine – A Two-year subscription to this new on-line practice exam web site

It is encouraging to see so many of our club member's assist in this effort but I wish to give special thanks to Gene, KB9VJP, our Swapfest Chairman for the third year in a row. He runs an efficient and well-organized Fest. Gene got his ticket in the fall of 1999, joined the club shortly thereafter and a few months later was chairing the club's main fund-raiser. Kudos to you Gene!

Jim Hilins, KA4UPW provided the program for our last club meeting giving the first of a two-part demonstration on refurbishing antique radios. His current project is a 1937 Zenith HF console radio. He shared with us some of the tips he uses when selecting an antique radio for

restoration. He looks for a low price and a working power supply believing that if the radio doesn't work, it isn't worth the time anyway. If it makes a little noise, that's even better. Of lesser concern is the condition of the wood cabinet. We look forward to hearing about the unexpected problems he came across and also viewing the finished radio at a future club meeting. Thanks Jim.

Our next major event is Field Day. There will be a Field Day planning session at Leon's, K9GCF on Wednesday, May 7<sup>th</sup> at 7:15. The purpose of this meeting is to develop ideas, which will lead to an improved club score for Field Day. All are welcome to attend. Can we improve on last year's score? That's a big request seeing as how we came in 3<sup>rd</sup> in the galaxy last year.

73's and remember...It's a hobby!

## Upcoming Events

7 May – Field Day meeting at K9GCF's  
14 May – ORC Membership Meeting  
16,17 & 18 May – Dayton Hamfest  
18 May – Tour deCure  
31 May – Riverfest  
1 June – Ride for the Arts  
21 June – Field Day @ Lazy Daze  
12 July – South Milwaukee WI - Swapfest  
27 –28 Sept. – Grayslake IL – Swapfest

## Swapfest 2003

Another great success for Gene Szudrowitz (KB9VJP) and the ORC. The total addition to the ORC general fund after expenses was \$2,281 and a really great time. This included the \$171 from the club consignment/donation table, sale of

about 90 tables and receipts from about 397 attendees. This does not include the \$1,820 added to the scholarship fund from the sale of donated equipment by Ed Rate, AA9W.



**With over 300 attendees and volunteers the Circle B was a madhouse of great buys that resulted in the transfer of hundreds of pounds of “good stuff” between basements**

Hats off to Gene as the chairman and all of those who worked at set-up Friday evening and performed the many required tasks Saturday morning. A really great time even if only from the social aspect.

## **NUMBER 3 IN THE COUNTRY AIN'T GOOD ENOUGH!!! OR IS IT?**

De Bob Truscott, W9LO

Yeah, I know—that ain't good grammar. I just wanted to get your attention.

Number 3 in the country was ORC's rating in the 5 transmitter class on Field Day, 2002. (There were 92 entries in the category.) It was our best effort ever, and an accomplishment we should all be proud of. But we can do better.

Over the years we have consistently improved our operation by upgrading our equipment, improving the antenna systems, using bandpass filters and spreading out the physical arrangement of the operating stations to minimize mutual interference between stations, and converting to computer logging. And high on the list of im-

provements has been the use of Ed Frac's big generator (50 kW?), which runs continuously for the full contest period and eliminates all refueling downtime. So all of these things have made ORC one of the better Field Day clubs in the country. The question is, are we satisfied with being #3? If we are, let's continue to have fun, and forget about it. If not, I offer some thoughts that we might use as a basis for discussion of how we might improve.

The first thing that comes to mind is individual effort. If each operator would increase his/her hourly production by just 5 QSO's, it would add 600 contacts over the contest period. This alone would give us a heck of a boost. Was every station in continuous operation for 24 hours? If not, why not? Downtime is very costly.

In the “old days” the phone & CW stations were pretty evenly matched, and it was always a toss-up as to which would be more productive. But that's changed in recent years—in 2002 CW had almost 700 more contacts than phone. Now, we all know that any phone operator can talk faster than any CW op can send, and can listen faster than any CW op can copy. So why the difference? At the risk of being controversial, I suggest that the “logger” is the reason. The phone stations use a separate logger, and the CW stations do not. The CW ops can concentrate on the job at hand without distractions, but the phone op must communicate with the other person in the tent, thus losing his concentration. By the time the two people “talk it over” to make sure they are on the same page, the other station has often gone away. The need for two people to communicate every time a contact is logged can be a very efficient QSO rate reducer. The argument against eliminating the logger, of course, is that one less person gets to participate in two of the tents. However, when I visited phone stations on two separate occasions last year, there was no logger in sight.

If we eliminate the logger, it will be necessary to reconfigure the equipment so that the computer is directly in front of the operator. In the case where a particular op feels he must have a logger, leave a space open to the right of the rig so that the

computer can be moved. On this next point, I'm on shaky ground because I'm not positive, but I believe that a mouse operation is required each time a contact is logged. If this is correct, it is a problem because the op must have both hands free to operate the keyboard efficiently. A mouse operation would slow him down considerably. The question then is, can the software be modified to eliminate the mouse operation.?

In my view, the ideal phone setup would use VOX and a headset with attached mike, such as a Heil Proset-5, plus a voice keyer with pre-recorded messages using the voice of the op on duty. This would mute the rig's speaker, but an external speaker could be rigged so that other people in the tent could hear both sides of the QSO's. (We did that in 40 CW last year.) As an alternative, an external boom mike with a foot switch would be fine, and the rig's speaker would still be active. In either case the op would have both hands free to operate the rig & computer.

And finally, too many of the sheepshead players run for their sleeping bags much too early after the Friday night party, some as early as midnight. Real sheepshead players are good till at least 2 AM, or till the keg runs dry, whichever comes last. This situation has got to be corrected.

The official scores for ARRL November CW Sweepstakes Contest are out:

W9LO	736 Qs—75 Sections
W9XT	363 Qs—72 Sections
WI9M	340 Qs—74 Sections
W9KHH	250 Qs—71 Sections
KB9UKE	223 Qs—65 Sections
W9ISC	32 Qs—23 Sections

Coming up in May:

**May 17-18** US Counties QSO Party—SSB 80-10 meters. Rules in QST, May, 2003, page 95.

**May 24-25** CQ WW WPX Contest—CW 160-10 meters. Rules in QST, March, 2003, page 99.

Have fun contesting.

## Why You Need at Least One Antique Radio in Your Home

De Jim Hilins, KA4UPW

An antique radio can be one of the most unique, interesting, and attractive pieces of furniture in your home. There are thousands of different types and styles. There is a radio to fit the decor of your home, no matter what the style. From art deco to traditional to machine age, antique radios come in all shapes, colors, and sizes. You won't find Antique radios at "Rooms in a Box" so you know your home will be as original as you are.



**Jim Hilins, KA4UPW, describes the process of restoring his "new" 1935 Zenith at the ORC April Meeting**

Antique Radios are part of 20th century American History. Just imagine the sounds that came through these radios - Families sat on the edge of their chairs each evening listening to Edward R. Murrow and his newscasts of World War II, or FDR and his fireside chats. Radio entertained the family with shows like "The Shadow", "Ma Perkins", and "Jack Armstrong". Antique radios are art, history, nostalgia, and furniture all rolled into one package! Antique radios a probably the easiest and cheapest part of American History you can own. These radios literally come out of barns,

attics, and garage sales. Many can be found in local antique store waiting for restoration.



### **A treasury of abandoned radios waiting to be restored by Jim Hilins, KA4UPW**

Now that you have acquired the radio you plan to restore, let's proceed in the process one step at a time. During these next few months we will carefully review each of the 14 steps required in the restoration of your antique radio.

#### **1. Removal of radio chassis from cabinet**

This step can be very difficult or very easy. Some radios require only removal of the bolts fastening the chassis, others require removal of lots of other parts before removing the chassis. Start with the knobs. Before you pull too hard, look for setscrews and loosen them first. You can *usually* leave push buttons on the chassis. Sometimes the knobs are really stuck, do not pry them off with a screwdriver, this mars the cabinet and can break the knob as well. When faced with a troublesome knob, I pull firmly and evenly (sometimes with both hands!). If the knob still refuses to budge, I use a little WD-40 on the shaft.

Now that the knobs are off, determine what you must disconnect from the chassis before removal.

Is the speaker fastened to the chassis? If not, disconnect the wiring if possible (usually a plug or terminals). Disconnect any antennas, carefully noting which wire connects to which terminal. On some radios (certain Zeniths and others) the push buttons assembly fastens to the cabinet separately from the chassis, this necessitates removing the wires connecting the push buttons to the chassis. On these same Zeniths, the tone control assembly is fastened to the cabinet and wired to the chassis without any plugs. You must turn the tone control sideways and push it back into the cabinet before chassis removal.

OK, all the extra stuff (if your radio has any) is disconnected. Find the bolts holding the chassis to the cabinet and take them out. Gently pull the chassis out. Does it slide out easily, or does it seem to be glued firmly to the cabinet? Often I find that the rubber feet on the chassis have deteriorated, gluing the chassis to the cabinet. If your radio chassis seems glued to the cabinet, make SURE you have all the bolts loose, then gently pry up the edge of the chassis until the gooey rubber feet let go. Once the chassis is out, remove the speaker from the cabinet (if the speaker is not mounted to the chassis). Note: if your speaker is wired directly to the chassis you must remove them at the same time. Be careful not to poke holes in the speaker cone.

#### **2. Cleaning**

My favorite tool for radio chassis cleaning is an air compressor. I use 100-psi air with a trigger operated air nozzle. The high-pressure air removes the thick layers of dust. I use a 1" paintbrush to help loosen the dust and dirt as I blow compressed air on the chassis. I remove the tubes and tube shields and clean them separately. Careless or inexperienced use of high-pressure air damages radios, you may want to start with 40 psi. Improper use of high-pressure air ruins mica trimmer capacitors, bends tuning capacitors and breaks speaker cones. If you use compressed air to clean a chassis, do not blow air directly on the speaker cone or trimmer capacitors. The sheets of mica in the trimmer capacitors are fragile and will shatter if you blow high-pressure air on the edges. High-pressure air is the most effective method I have used for re-

moving small conductive particles from between the tuning capacitor plates. It works great as long as you do not blow on the flat sides of the plates (it can bend them sideways). If you do not have an air compressor, you can use a vacuum cleaner along with a paintbrush to loosen the dust. You have to work harder with the paintbrush when using a vacuum cleaner.

I clean tubes with 0000 extra fine steel wool. The steel wool makes the glass look new very quickly. Steel wool will **completely obliterate** the numbers and any other writing on the tube, so do not rub the numbers! Bakelite tube bases clean well with a mild water based cleaner.

The best advice I have for dial cleaning is: **BE CAREFUL!** Many dials will loose all their numbers when cleaned with plain water! Some glass dials clean up very well with steel wool, but this could remove the numbers, it depends on the dial. If you must clean a dial, experiment with a small part that will not show when assembled. Frequently, I clean only the side without the numbers and leave the numbers alone.

## Who Does What

De Vic Shier,KB9UKE

Ham radio operators know the importance of bringing new people into the hobby but what can we do? Well Gary Sharbuno, WI9M does it. Gary and his friend Mickey, KB9G started Badger Examiners, an organization that provides ham radio license testing, in 1985. A few years latter Mickey moved away but Gary continued running this VE organization. So how many hams got their first ticket because of his efforts to give the exam? Hundreds? We don't know that answer. But Gary, WI9M has made a major contribution to Amateur Radio in Wisconsin for over 18 years.

## For Sale, Trade or ?

HF TRANSCEIVER ICOM IC-751A Deluxe 160 through 10 meter all solid state

Transmitter, receives 100Khz to 32 MHz. Has additional board that has 1064 memories, with the 500 hot frequencies loaded. This has a 100%

key down unlimited time transmitter - great for RTTY, FM & other full power modes.

K9CAN has contacted hundreds of countries using his. Was \$1450 new, now \$650.

NICAD & NICKEL METAL HYDRIDE BATTERY CHARGER. MAHA 777 a popular current model. I'm going to buy the deluxe model of this same charger. \$50 new, \$30 now.

## William C. Vosburg,W9VLL, of Grafton SK

De Ron Yokes, W9BCK

Bill and me were friends since 1957. I thought of him as a brother as well as a dear friend. Others who knew him well (some for a longer time) ...Charlie WA9CPE, Hal W9RXJ, Bob W9LO, Bob WQ9N, Herb WA9UVK...may have remembrances worth recounting as well.

GOTO [www.onwisconsin.com/deathnotices](http://www.onwisconsin.com/deathnotices) Friday, April 25, 2003 Obit for W9VLL.

Bill served as radio operator aboard a weather observation ship in the south Pacific during WWII. He was active participant in local ham radio activities long prior to the formal formation of the ORC. He was a master at gardening, carpentry, finish woodwork, metalwork and all things electrical and/or electronic. Bill's computer skills were born in his work for Burroughs beginning with mechanical computational machines leading to the birth of the electronic computer system of today. An early ham radio experimenter, Bill built most of the devices necessary to get on the air with HF and VHF analog and digital systems including Television TX/RX systems using home brew vidicon camera to communicate with his QSO partner in Oostburg. Bill was a "foundation stone" of ORC and major contributor to its subsequent success.

Always a background player, Bill's guiding hand was always there to support the group through its faltering times.

## The Club Re-mailer

De Nels Harvey, WA9JOB

The Ozaukee Radio Club maintains an e-mail re-mailer. This is a convenient tool for any of us to use, to send information to all others on the list. Just about everyone is on the list, who is using e-mail. If you are receiving the occasional ORC re-mailer postings, YOU can also post messages to the list! I'm telling you this, because several times I have been asked to post a message for someone who didn't realize they could do it themselves!

If YOU have anything you think the Club Members need to know, please use the re-mailer! It really is simple. Just send one e-mail to [orc@mailman.qth.net](mailto:orc@mailman.qth.net). It's that simple! This is a great service that is operated by a fellow ham, Al Waller, K3TKJ. His group of volunteers work hard to keep the list free of that scourge of the Internet, spam. It's there for all of us to use. If you have a message to distribute to the group, please use the re-mailer. It's there for you!

## No. 107 – TweakUI

by Stan Kaplan, WB9RQR

TweakUI is a free Microsoft Power Tool that has been around since at least 1998. It was written by Microsoft programmers and made available publicly, but it is a non-supported utility. That is, if a user has problems getting it to work, they will not help you with it. Nonetheless, it has been classed as a "must have" utility by a number of publications, including PC Magazine. Now, a new release (V1.33) is available that works with nearly every version of Windows (95, 98, 98SE, ME, XP and 2000). I recommend it. It is a Good Thing.

PREPARATION: Make a new folder called TweakUI on the drive of your choice, and remember where you put it.

GET THE PROGRAM: Go to [www.microsoft.com](http://www.microsoft.com), and in the upper left corner type TweakUI in the search box. When you find it, download the small program (only 111 kb) to your new TweakUI folder. It is compressed, with several components inside. Double-click the Tweakui.exe program to release the components. Windows will ask you if

you want to unzip the file to C:\Windows\Temp (highlighted in blue). Don't let it do that. Instead, type D:\TweakUI (where D: is the your drive containing the TweakUI folder you recently created) so that the components are placed there.

INSTALL: This couldn't be easier. In the TweakUI folder, find Tweakui.inf. Right click it, then select Install from the menu that comes up. You are now done.

RUN: In the Control Panel, you will find a new TweakUI icon. Click it to run. As you see here, there are 13 tabs covering a number of items in Windows 98 SE (there may be more or fewer in other versions of Windows). I have opened just one here, Paranoia. With it, you can clear all sorts of histories at logon. The other tabs allow you to repair icons, alter boot parameters, remove a stubborn, long-gone program's name from the Add/Remove menu, change mouse etc. – extracted from and continued in the Badger State Smoke Signals at [www.bsbs.com](http://www.bsbs.com)

## Next Meeting –

The May 14<sup>th</sup> meeting will feature antenna tuners. If you have a "home brew" antenna tuner bring it to the meeting for "show and tell".

## Just Another Shack

De Todd Sprinkmann, KC9BQA

May's Just Another Shack visit is with Jim Albrinck - K9QLP. Jim has been an ORC member since October of 1984.

Jim's interest in radio was piqued as a youngster. He recalls an RCA console radio with short-wave bands that he would listen to with his father and grandfather. He also recalls getting one of the first RCA transistor radios for a Christmas present in 1957.

Jim's high school in Cincinnati had a ham radio club and by 1960, he had his ticket. Jim recalls a lot of 6m AM operation in those days.

Like many hams, Jim took some years off from the hobby as he married and raised a family. He got relicensed in 1983 in Anderson, IN, with the

callsign KA9QLP. In 1984, he upgraded to technician and moved to Milwaukee. In 1987, he got his general and shortly after, his advanced. In 1998 or 1999, he got his extra and dropped the "A" from his callsign



**Jim (K9QLP) is shown here at his current operating position working some rare DX**

Since getting relicensed in 1983, Jim has enjoyed various aspects of ham radio. He has lots of "paper" on his shack wall. DXCC, VUCC on VHF, WAS, WAC. Jim has 185 countries confirmed on HF. He got his DXCC on 10m, with a dipole and a converted 23-channel CB rig that put out 12 watts PEP. This was from the years 1987-91. It took Jim 3 years to get all the QSL cards. When it was time for him to send all the cards to the ARRL headquarters, Jim chose to make absolutely sure nothing would get lost in the mail! He transported everything personally to Newington, CT and operated W1AW as well.

K9QLP has also notched 42 states and 160 grid squares on 6m. Jim enjoys contesting, Field Day, and the Wisconsin QSO party. He is also active in a variety of ORC and Cedarburg Emergency Government capacities.

He is a past president of ORC and served as the repeater VP for 3 or 4 years. Jim is on the Cedarburg Fire Department radio committee, and operates a repeater on their radio tower on 442.10, under the K9QLP callsign. He helps Cedarburg Emergency Government with their

weather nets. Jim emphasized that he enjoys giving back to the community what he has learned from the hobby.

Jim's radio equipment is mostly Icom. He has an IC-751A for HF. His 6m rig is an IC-505. His 2m and 440 rig is an IC-207H. K9QLP even has a rig for 220 - the Kenwood TH-315A. Jim has (along with Mark - WA9JMS, Dick - K9CAN and Joe - W9WQ, who is a silent key) assisted in getting the ORC's repeater on 224.18, -1.7 offset. The equipment was donated from Gregg - W9DHI. He reports that there are about 6 or 7 regulars on that 220 machine, but that they love to hear newcomers as well.

Jim's HF antennas are dipoles for 10m and 6m and a 135' random wire that tunes well from 160 - 10m. On VHF, he has a 2/440 dual-bander and a homebrewed ground plane for 220.

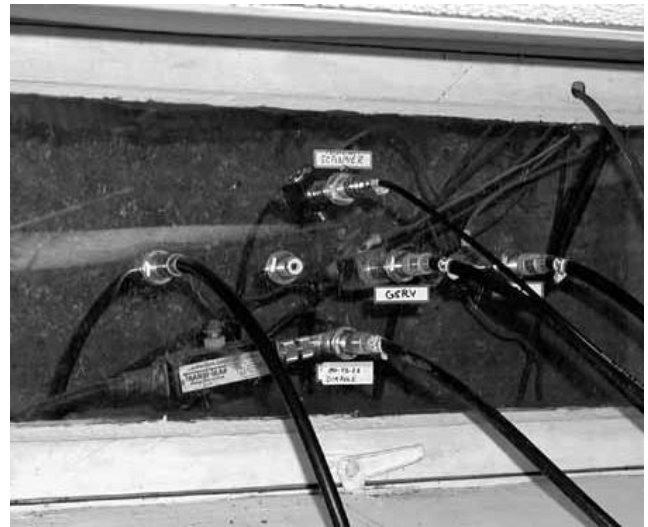
Jim's other hobby is trains. He has an extensive model railroad in his home, highlighted with a bit of nostalgia. Jim still uses the original locomotive and cars from the American Flyer set he received when he was 6 years old.

Jim had a big thrill last year, when he got an offer to operate on the Great Circus Train. Adding to the excitement for Jim was that on his special day, the Circus Train was being pulled by a live steam locomotive. Even though 40m was noisy and 20m was dead, K9QLP did manage to work Montana, Florida and Massachusetts. He also worked some locals on 146.52 as the train rode from Horicon to Milwaukee.

Another radio thrill occurred for Jim on Palm Sunday of 1965. As he drove from Indiana to Cincinnati, he witnessed 3 tornadoes, during an infamous outbreak of severe weather. Driving in wide-open farm country, Jim had a good view of the tornadoes and was able to stay out of harm's way as he relayed reports via 6m.



Radios, fire trucks and trains – What's next?



The current "entry bulkhead" at W9JPR

## Project of the Month

Looking for a way to bring all those co-axial cables into the shack without making holes in the walls? Why not replace a window with 3/16" thick Plexiglas and use Co-axial feed through fittings. In this case, bulkhead jack to jack connectors were used. Just drill a 5/8" hole through the plastic "pane" to pass the connector through. I bought washers at the hardware store and used them on each side of the pane and tightened the bulkhead connector nuts against the washers.

On the outside of the window there is a lightning arrestor on each co-axial cable before it enters the house. The ground wire from these arrestors individually connect back to the single point ground ring near the base of my tower.

The bulkhead connectors and cables were all then color coded with tape so they don't get mixed up when reconnecting following a thunderstorm.

How can this system be improved? I am going to place a brass plate on each side of the Plexiglas window to use as grounds and pass the bulkhead connectors through the brass plates. This will also prevent any RF riding the outside of the cable from entering the house – it will be routed to ground at the grounded brass plate.

Now to find a bulkhead connector to pass the 8 wires controlling the antenna rotor. I would be much more comfortable if that were also disconnected during thunderstorms.

## April 9 ORC Mtg. Minutes

De Carol Szudrowitz, KC9CBC, Secretary

ORC meeting called to order April 9, 2003 at the Grafton Senior Center.

Announcements by Vic KB9UKE - our landlord reminds us to make sure everything is clean and ship-shape when we leave. Tom Maier, a guest, was introduced. He is looking for a key. Gabe said he could probably help out.

Herb WA9UVK, shared a SK announcement regarding Fred Stolte. He was instrumental in the first Repeater at the Cedarburg Water Tower. He worked for Delco Electronics and traveled. His son is Bill, W9UFW

### Program:

Jim KA4UPW shared his old time radio hobby with the club. He demonstrated his working 1936 Zenith 600 Series Radio. Jim said that restoration is fun as you can switch from the radio to the cabinet during the process. He fixes the chassis first. When you do restoration, first think of which type you are willing to do. Functional means that you get the radio to work using a mixture of parts. Complete restoration uses only 100% original parts. This can be costly and more time consuming. Many parts can be obtained over the Internet. One source is AES Antique Electronic Sup-



ply. If you find a radio at a fair, if it lights up score one, and if it hums score two as you probably have a working one if you dry it out properly. Call Jim KA4UPW for more information. GoJo Hand Cleaner and 0000 steel wool for rubbing works well for cleaning the wood cabinet.

**Auction:**

Stan WB9RQR, held the usual auction.

**Turkey of the Year:**

Gabe Chido WI9GC was named as Turkey of the Year. He accepted with grace and good humor.

**Business meeting after Break:**

Secretary's minutes of March meeting were approved as in the March ORC Newsletter.

**Treasurer's Report:**

Gabe, WI9GC, passed the membership roster around for a final check. He also mentioned that the light and phone bill from the barn is sent directly to him for payment.

**Repeater Report:**

Nels WA9JOB, said there appeared to be less usage on the repeater. Currently the power is good. The donated amplifier for 2 meter and 440 is 100 watts. It is to be used as a temporary replacement till other one is fixed. 440 – Bring it up to 75-80 watts. It doesn't need a lot of power. Jim's K9QLP is only 2 watts and it does well. 220 is at Dick's \_\_\_\_\_ house for work. He is making a cage to keep the vermin out. Auto patch had a busy signal. Had Phone Company fix it up to post so it is now OK. Reminder regarding it's' use. Be patient. **Key mike slowly.** Don't get to fast with buttons. You need to "wake up" the controller that has to go to voter. **Barn Party Clean up Day** should be sometime after next meeting or Swapfest.

**OZARES Report:**

Next meeting is 4<sup>th</sup> Thursday, April 23, with Rusty Capella. The topic is Severe Weather.

**Committee Report – Swapfest:**

Gene KB9VJP reminds all that setup help and other help is needed for Swapfest. He also thanked everyone in advance for their help.

Friday night, May 2 6:00 PM to 8:00 PM set up  
Saturday, May 3 6:00 AM to 8:00 AM set up  
8:00 AM to 1:00 PM Doors

open to public

Door Prize Announcement 11:30

Tom K9CAN reminds all that if you have one or two things you want to sell, bring it to the Commission Table. 10% of sale goes to the club. He keeps a log. Ed AA9W also has a scholarship table. If you have donations call him. Note: If Herb WA9UVK wins the grand door prize, he will donate 50% to the club. Other door prizes include software login program from Mark N0OKS and some from AES. If you have some other ideas call Gene KB9VJP or Vic KB9UKE.

**Superfest:**

Thanks to all that worked at the booth, it went well and Stan WB9RQR won a prize.

**River Clean Up:** May 31. Remember it. Any questions call Cindy KA9PZG.

**International Space Station:** For information call Gary N9UUR

**New Business  
Miller Ride for Arts:**

**Field Day:**

Gary WI9M and Leon K9GCF are co-chairmen - Look for a planning meeting in future at Leon's home.

Meeting was adjourned at 9:15 PM.

**Attendance:**

Jim K9QLP, Gregg W9DHI, Nels WA9JOB, Gabe WI9GC, Kent N9WH, Dave N9UNR, Jon KB9RHZ, Joe AA9HR, Bernie AA9CI, Bill AA9OS, Herb WA9UVK, Roger W9UVV, Gene KB9VJP, Ray W9KHH, Bob W9LO, Ed AA9WW, Paul KB9WCC, Brian N9LOO, Keith KY9P, Tom, Terry KA9RFM, Julia KB9WBQ, Carol KC9CBC, Stan WB9RQR, Gerry KB9IMH, Wil KB9HHR, Gary W9XT, Don W9VSC, Jim N9WIU, Vic KB9UKE, James KA4UPW.

## **AGENDA**

*May 14, 2003*

1. Call to order.
2. Introductions.
3. Announcements, Upcoming events, Etc.,
4. Program: Antenna Tuners
5. Fellowship Break
6. Auction.
7. Acceptance of Minutes as printed.
8. Treasurer's report – Gabe (WI9GC).
9. Repeater report – Nels (WA9JOB)
10. OZARES report – Jon (KB9RHZ).
11. Committee reports.
12. OLD BUSINESS
13. NEW BUSINESS.
14. Adjournment to ?

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### **The ORC Newsletter**

465 Beechwood Drive  
Cedarburg WI\* 53012

### **First Class**

## **Next ORC Meeting**

**Grafton Senior Citizens Center**

**1665 7<sup>th</sup> Avenue, Grafton**

**Wednesday, May. 14<sup>th</sup>**

**7:30 PM**