

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.



ORC Repeaters on 146.97, 224.18 and 443.750 MHz -

Callsign W9CQO

Web site: www.ozaukeeradioclub.org

Volume XXVIII

July, 2009

Number 7

From the President

De Bill Howe II (KA9WRL)

Remember when you could work on your own car? When you could at least change the oil filter without putting the family chariot on a lift and using a special \$35 factory triple-hinged frammus wrench to reach it?

Remember when you chopped vegetables with a knife instead of a \$200 food processor? Or when you dug your garden with a spade, and shoveled your own snow?

People fixed radios, once upon a time, by identifying a problem and solving it with a new resistor, capacitor, or tube, instead of throwing away an entire circuit board in favor of a factory-fresh one.

I get a lot of satisfaction by finding "handy man's specials" at Hamfests or Garage Sales and restoring them to working condition. I also take pride in getting them to look as though they're brand-new or, at least, barely used.

I'm like many Hams. I don't throw away anything. I have a fair amount of capacitors, resistors, pots, knobs, project boxes and a whole lot of vacuum tubes.

I recently purchased a vintage Signal Corps Tube Tester from an estate in Hubertus a few weeks ago. While it doesn't check the newer 9-pin tubes, it makes up for it by being able to diagnose most of the old 4-pin types. Which may come in handy if I ever feel the urge to try and restore an old Atwater Kent!

I'm currently working on a vintage Hallicrafters S-95 "Civic Patrol" Receiver, which I'll bring to a future meeting for Show & Tell (It covers the

152 to 173 "Megacycle" band). This is one I purchased at Dayton before leaving the area Sunday morning. The vendor was asking \$40 and I got it for \$25. It looked good, but further inspection revealed a nightmare on Elm Street inside the chassis!



The previous owner was obviously a smoker. The interior was covered in that familiar brownish grime. The dial cord was broken and none of the tubes checked anywhere near "good". All four sections of the filter cap were bad and, of course, the pots were dirty and noisy.

This is all too familiar to most of the members of ORC, I know . . . but it's the type of project, for me, anyway, that's right up my alley. The radio is almost complete now. I'm just waiting for the replacement filter cap (or caps, more than likely) so I can proudly display it on my shelf in the Ham shack and probably never turn it on again!

THE BEER BATTERED BARBECUE

De Bob Truscott (W9LO)

This is chapter 2 of the ongoing saga of the FIELD DAY SLOPPY JOES. By way of review, it has been a tradition that a kettle of sloppy

joes would be left in the cook tent on Field Day Saturday night to feed the overnight operators and others who needed to stay overnight to keep the place running, and it was much appreciated by everyone involved. But the system hit a snag during the 2008 FD—when I finished an operating shift at midnight I found that the kettle was empty, and the people in the tent had a good laugh about that, saying that the kettle was empty by 7:30 that night. Nobody ever “fessed up” and admitted they had a snack before heading home for the night, but I’m sure that’s what happened.

This year at least a half dozen people came around to assure me that precautions had been taken to ensure that there would be plenty of the joes left to cover all shifts. I don’t know what those precautions were but they appeared to have been effective. I found the tent empty when I finished my operating shift at 4:00 AM, and sure enough, there was the pot, just waiting for a customer. Then disappointment set in—it seems the joes mixture wasn’t up to operating in the keep warm mode for so many hours because it was pretty well dried up and most of the good barbecue sauce had evaporated. Well, I was hungry, and didn’t like the prospect of going back to work in 2 hours with an empty stomach so it was time for a little improvisation. My first move was to search the tent for a bottle of barbecue sauce. I found none. Next, I considered water, but figured that would be a little too bland. I would have accepted brandy or vodka, but there was none available, so I went to the beer cooler and found the solution, a can of Miller Genuine Draft. I poured half of it into the joes mixture and drank the other half while stirring the new mixture. I let it simmer for about 20 minutes and then fixed myself a sandwich. It was delicious. A little while later some other folks came into the tent and made sandwiches to finish off the pot. Nobody made any negative comments so I guess we have a winner.

VHF & UHF

De Todd Sprinkmann (KC9BQA)

I just realized last week that we’ve celebrated the one year anniversary of the SSB and FM

nets on 2 meters. By now, you must all know about the Wed. SSB and Thur FM nets. Full details are announced every week on my website at <http://www.kc9bqa.com> All are welcome to listen along or say hello to the nets. The only purpose is to stir up activity on less-used portions of 2 meters. No formal agenda; stay as long or as little as you like.

Now that Field Day is behind us, the VHF gang is looking forward to what some consider to be the most fun contest of the year. Talking about the CQ WW VHF – 6 and 2 meter bands only. This contest runs from 1pm or 1800 UTC on Sat. July 18th until 4pm or 2100 UTC on Sun. July 19th.
<http://www.cqww-vhf.com/rules.htm>

Most of you readers have little experience with VHF contests. By now, you know I’m urging literally hundreds of “regular” (said with a smile) hams to give VHF and VHF contesting a try. Not just with ORC, but also via my website, and via email to many ham reflectors and clubs.

For a beginner, this 6 and 2 meter contest on July 18-19 is probably the most friendly option. Why? 1) Its only 2 bands, and it’s the bands that most hams have. 2) Its summertime, and that means the very real possibility of working an E skip opening on 6 meters, where contacts in the 600-1200 mile range happen often from roughly May thru August. You do not need a superstation to work a good strong Es opening. But you do have to get on the air! 3) This 6 and 2 meter contest benefits locally from some increased activity on FM, which many new VHF’ers have to use at first. (SSB mode and horizontal polarization is the norm with most VHF stations and contesting activity.)

If you already have an all-mode rig for 6 and/or 2 meters, then so much the better. All you need to do is add some sort of horizontal polarization antenna, such as a loop or halo. A Google search will help you here. Don’t ask me for plans; as I’m not a builder. I like things that work properly, LOL! Better yet, put up some sort of horizontal beam or Yagi. The longer the better. I’ve said this before; it bears repeating – getting distant contacts on VHF means going

for every last decibel. This is not like HF work, where you can throw up a wire and work the world. I'd encourage you to put up as much antenna as you can. A lot of hams have had decent results by using the plans shown when you Google WA5VJB Cheap Yagis.

Antennas are important to getting the most out of V/UHF, and so is having them up as high as you can safely get them. Also use quality feed-line so all of the signal gets to the rig. The antennas are far more important than the rig you use on V/UHF. A \$1000 radio into a 5 cent antenna is a recipe for disappointment.

Now if you want to stay more casual, that's fine, too, just realize you may not work as far as some other stations will. For the casual VHF contester, make plans for 2 activity periods that will help focus the activity across S WI and perhaps into adjoining portions of ILL and W MI. Let's make plans to use 146.55 and 146.58 FM, and vertical polarization between 9-11pm on Sat. evening and 7-9am on Sun. morning. Why those times? Because propagation on the V/UHF bands tends to be better later in the evening and early in the morning. This can be especially true nearer to the Great Lakes, which most ORC members can probably relate to.

It also is far less likely that the 6m band will be open via E skip during the late evening and early morning hours. Which means that more locals will be focused on 144 SSB and 146 FM. I'd also like to let newer contesters know that along with using 146.55 & 146.58 for FM (with vertical polarization) contest Q's, they can monitor 52.525, which is the FM calling freq. on 6 meters. 6 SSB is far more popular (call freq. is 50.125) but I hear there is some activity on 6 FM, especially when the band is wide open.

Now if we get a big turnout on 2m FM, like we did back in the January VHF/UHF contest, then don't hesitate to spread out a bit. Far better to have multiple callers on several channels, than have a huge pileup on one freq. If you want to spread out from 146.55 and .58, then go down between 146.40 and 146.49. Please note that contesting is prohibited on repeaters, as well as

the 146.505-535 freqs. This is to protect the 2m simplex call channel of 146.52 MHz.

When you are FM contesting on 146.55 and .58, leave your squelch as low as you can. This way when you call CQ, you won't be covering up light signals. You want to hear those light signals because they might be the distant grid you want for a new multiplier.

I will be putting out more info for new and experienced VHF contesters on my website – <http://www.kc9bqa.com>. Check there for frequent updates and more detailed tips on how to get comfortable with contesting. I can say far more on the website than I can in a once-monthly newsletter article.

Finally, if you have questions, I'm willing to help. I was brand new at this 6 years ago, and I found info somewhat hard to come by. I think VHF Contesting is a lot of fun but we need more participants. I'm at sprinkies@excel.net.

This FM contesting concept works if you talk it up with your friends. I hate dead contests and I imagine you do too. Make plans now for July 18-19, and urge others to get on.

CQ from the past

De Kim Burkhalter <yowlingowl@yahoo.com>

Hello,
CQ CQ WB9RQR. This is N9UBJ ... I've been off the air for years. My radio is somewhere in my Mom's stuff. How is everybody?

N9PBY, N9UNR, N9LLT, N9PMR, Skip and his son N9UBF? I'm sure there are plenty others I don't remember. Is there still an ORC in Grafton? RACES at the Justice Center?

I went to UW-Rock County and UW-Whitewater. I'm looking for a job and now live in Janesville. I've seen a bit more of the Vietnamese side of my family since I left the nest after graduating high school and left Saukville for Janesville.

Hope this reaches you well BYE.

My latest Restoration project!

By Bill Howe, KA9WRL

After purchasing an old mechanical keyer for \$10 (from the accumulation of equipment being sold for the benefit of ORC's Scholarship Fund) I decided that it was in too poor a condition to actually be used on the air, so I had two choices. One, re-sell the keyer, as is, for whatever I could get for it, or two, restore it so I could get some enjoyment out of it. I chose the latter.

The keyer didn't really look like a Vibroplex, but after a lot of research, I discovered that it was not only an actual Vibroplex, but that it dated between 1913 and 1916! It was at this point that I decided it was probably worth it to invest some time and money for its restoration.

I started by disassembling the keyer completely, after taking several digital close-up reference pictures for when it came time for its re-assembly. One of my better ideas, I must say.

My next plan of action was to clean all the nickel-plated parts with "Tarn-X", in hopes that it would magically shine like the day it was manufactured. Well, that didn't happen, but it did look much better. Some of the problem was the fact that there wasn't much nickel-plating left over the brass parts. Re-plating was going to be too expensive, so I settled for clean, instead of shiny.

The base of the keyer looked really bad. It was re-painted gray by its previous owner, with a brush. Rust was emerging from that paint job, oddly enough, so stripping, sanding or sand-blasting was my next plan of attack. I opted for the old wire brush, opposite on the shaft on my 10" grinding wheel in the garage. I took it down to bare metal.

After purchasing \$20 worth of gray primer and "hammered metal" black spray paint by Rustoleum, I spent a few days just on the base, while coating everything in the garage with a fine gray and black mist. I couldn't paint it outside because of the cold weather in early May. As a result, I had to polish my new red & white motor scooter while that "mist" was still in the drying stages. In the future I will cover everything in the garage I don't want spray painted in a color other than what it's supposed to be.

The paddle on the keyer was a reddish home-made fiber material, and mounted on the wrong side of the operating lever. I filled in both holes with modeling putty; let it dry and re-drilled it with the correct-sized holes and with the correct spacing, plus tapped the rear hole to accept the knob's threads. Then I painted the paddle black to match the knob.

After a few hours of re-assembling the keyer, which was a bit more difficult than expected (my pictures didn't include a few minor details), I decided to re-create the Vibroplex Logo plate, which was missing altogether. OK, maybe not an exact re-creation, but at least I needed some kind of plate where the original was mounted.

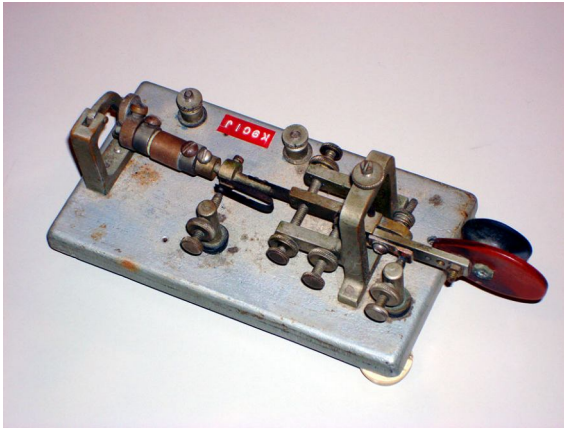
I measured the mounting hole spacing and went to Recognition Specialists in Grafton. I had downloaded the Vibroplex Logo, complete with its registered trademark, from the Internet and gave it to the "specialist" for screening onto the brass plate. We picked out the appropriate size and made two prototypes, one with red printing and one with black. I chose the black, to match the base and knobs.

This was all well and good, but still missing from the keyer were the weights on the vibrating arm. I needed to get the speed down from approximately 120 words-a-minute to about 20 words-a-minute! At the Dayton Hamvention I made it a point to find the Vibroplex booth and there I purchased their only remaining large weight for \$12. I also decided, even though I did a lot of work on the old paddle, to purchase a new paddle and a new knob, each \$5. They were kind

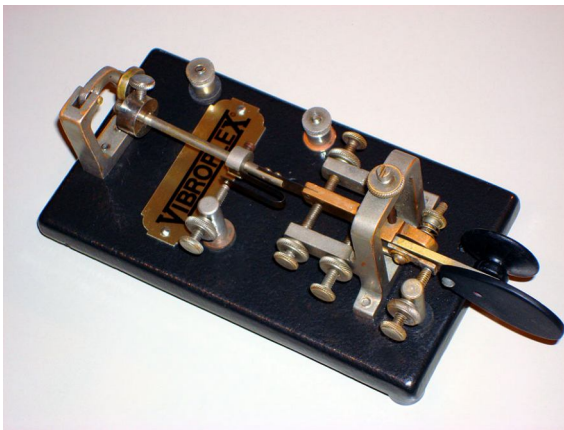
enough to through in the original screw that holds the paddle onto the lever.

The keyer is now pretty much complete and operates beautifully. Plus, it looks a lot better than it did originally. The only missing component is the tuning lever, which I'm sure I'll find at a Hamfest or a future Dayton Hamvention.

Below are the before and after pictures.



Before Restoration



After Restoration

P.S. "Do-it-best" Hardware is the only place on the face of the earth that has the rubber feet identical to what Vibroplex uses on their keyers!

Field Day 2009

Field Day activities got started with setup of the mess tent on Thursday evening but the real

start was Friday afternoon with setup of camps, operating tents and antenna.



The 40 meter phone station was perhaps the most easily set up with simply the positioning of the travel trailer. Ed Frac (AA9WW) and Jake (KB9ZOR) are shown with the portable tower Ed got at Dayton and which supports the center of a dipole. The 40 meter "kick ass" vertical is shown in the distance behind the tow vehicle.



Bob Truscott (W9LO) and Gary Sutcliffe (W9XT) expected rain and erected a second tent roof – it also minimized the sunlight inside the tent.



Mark Potash (KC9GST) constructed a special truck mounted motor driven 30' tower for the 6 meter station manned by Gary (N9UUR) and Jeananne (N9VSV) Bargholz.



Anthony Rich (NR9R) proudly showed his new bumper mounted crankup 30' tower used for his 15/80 meter rotating dipole.



Ken Boston (W9GA) was busy attaching the 2 meter and 70 cm antenna to the OZARES communications van mast under the supervision of Todd Sprinkmann (KC9BQA)



So how did it look from the air? Jim Caraway (W9LLL) took this picture of the layout from his Cessna 182 on Sunday morning. Notice the large area Lazy Days mowed for out benefit. Thanks Mr. Waters. Note the optimum antenna spacing – nice layout.



Stan Kaplan (WB9RQR) and Nancy Stecker (KC9FZK) were busy carving the turkeys and serving the dishes as the traditional Saturday evening dinner commenced. Jane Rediske (KB9SYI) was also instrumental in assuring a well fed group of campers.



It was Saturday afternoon and the competition was on as the West Bend News photographer got a picture of Jim Albrinck (K9QLP) operating 40 meters phone with Gabe Chido (WI9GC) doing the logging.



With the camps setup and most of the antennas installed it was time for the Saturday night card games. At this point Nels still had a few nickels remaining.



Julia (KB9WBQ) and Tom (AA9XK) were busy in the PR tent all Saturday afternoon. The visitors welcome signs made all the difference. We had 3 pages of visitors this year.



With the increased number of visitors Ed Rate (AA9W) was quite busy at the GOTA station. Here Ed is shown with the sister and niece of Paul Purgett (KC9NHD).



Jim Hilins (KA4UPW) and Leon Rediske (K9GCF) were quite pleased with the 20 meter activity and their high number of contacts. They again beat the 40 meter phone gang.



Gary Bargholz (N9UUR) did well on 6 meters this year and again, made a valuable contact via the satellite.

Thanks

The Saukville River Fest Committee would like to greatly thank the following ORC members who were gracious enough to take time out to help us at our cleanup, May 16, 2009! Members received lunch and a neat T-Shirt for their services. Thanks to:

| | |
|--------|-------|
| AA9XK | Tom |
| WB9WBQ | Julia |
| KC9FZK | Nancy |
| WB9RQR | Stan |
| KA9DDN | Skip |
| KA9PZG | Cindy |

It was a successful day and your services made our event even safer for our volunteers! Thanks again!

Cindy Douglas, Committee Person, KA9PZG

Hello all Radio Amateurs

De Ken Boston (W9GA)

I just want to extend an invitation to you to come to the suburbs of Chicago for the 43rd annual Central States VHF society's annual conference. If you have any interest in the VHF and UHF weak signal activities, this gathering is for you. This year the conference is being held

at the Elk Grove Village Holiday Inn, on Busse Road in the village of Elk Grove, Illinois, on the dates of July 23 through the 26th. (This is the motel where the annual W9DXCC conference has been held and the recent TAPR meeting last summer).

The conference starts with registration on Thursday evening, with a social gathering, and extends through Friday, with antenna measuring, preamp measuring and talks/seminars. Saturday, the seminars continue, and a banquet and prize drawing are featured Saturday night. Other features include a dealer display, of VHF/UHF goodies, flea market, and family program with tours of famous Chicago attractions, rover and antenna displays, and lots of socializing with familiar voices, so you can put a voice with a face.

Much more detailed information on this year's conference can be found at the website; <http://www.csvhfs.org>, including links to the motel for those who plan to stay the duration and a link to an online registration page for conference registration. Many in the Chicago land area may opt just to attend for the day on Saturday, but come and join us for the entire weekend if you can.

For more information, you can contact me here, at the address in the header, or please send an email to Kermit W9XA, who is this year's president and organizer. He can be reached at w9xa@yahoo.com

Upcoming Events

The program for the July 8th meeting is by Richard Wood W9JBE "Monster antennas".

The program for August 12th is by Stan Kaplan WB9RQR "Winlink2000 Basics"

July

- 8th ORC meeting- Monster Antennas
- 11th South Milwaukee Swapfest
- 11th-12th IARU HF World Championship
- 12th Fox River Swapfest @ Aurora IL
- 18th – 19th CQ WW 6 & 2 mtr. VHF Contest

- 19th KARSFEST – Peotone IL
- 23th OZARES
- 23rd – 2nd Airventure 2009 at Oshkosh
- 23RD – 26TH Central States VHF Society mtg. @Elk Grove Village Holiday Inn

August

- 1st North American CW QSO Party
- 1st – 2nd ARRL UHF Contest
- 9th Hamfesters Swapfest – Peotone IL
- 12th **Membership Meeting – Win Link 2000**
- ? **ORC Corn roast**
- 15th – 16th North American SSB QSO Party

September

- 12th **ORC Outdoor Swapfest**
- 6th North American Sprint – SSB Contest
- 9th **Membership Meeting** 12th-13th ARRL VHF QSO Party
- 12th – 13th Chicago FM Club Swapfest @ Belvidere @ Boone County Fairgrounds
- 18th - 19th W9DXCC convention at Elk Grove Village IL
- 24^h OZARES
- 26th – 27th CQ WW RTTY Contest

Club Static

We received word on Field Day of the passing of the former wife of Rick, (N9PMR) after a lengthy illness. She will be missed by Rick's children and grandchildren. Rick lost his mother recently, also. N9PMR is a past Repeater Vice President of the Ozaukee Radio Club.

I recently learned that Gene Szudrowitz (KB9VJP) fell from his roof in January while clearing snow and broke his arm in three places. He is using one of those magnet field bone healing devices and is "currently" on the mend while working at the Red Cross offices.

OZARES

De Stan Kaplan (WB9RQR)

The



Column

By Stan Kaplan (WB9RQR), Column Editor

We had no OZARES meeting in June, since most members participated in one way or another in Field Day. Yours truly had two responsibilities during FD weekend. 1. Cooking: Three turkeys for Fri night supper. A 7 a.m. Sunday breakfast of pancakes, eggs and sausage (with co-cooks Nancy, KC9FZK and Jane, KB9SYI) for the bleary-eyed hams who staggered out of tents in search of food. 2. Networking of the logging computers (with Doug, N9KG, author of the software we used). The network and software worked fine and we are in the process of analyzing and tabulating the data. Other OZARES members worked the airwaves, or helped with setup and tear down. Field Day, of course, is the largest emergency communications exercise in the world, and provides wonderful training in rapid, concise communications, as well as experience in setting up emergency communications under actual field conditions. Oh, by the way, the Mobile Communications Truck was there with mast on high as one of the operating positions during the weekend. Thanks to KA9DDN and N9PBY for ferrying it out and back.

NET CONTROL SCHEDULE: OZARES nets are held each Thursday at 8:00 p.m., except on meeting nights (4th Thursdays). Both a net script and check-in list can be obtained on the OZARES web site, www.ozares.org. If you are scheduled for NCO duty and cannot make it, it is your responsibility to find a substitute. Check the latest check in list on the web site for possible hams to trade dates with, and keep the net manager (WB9RQR) informed of confirmed trades. Guests are always welcome after the OZARES check-ins are complete, *most especially ORC members!* By the way, if you see a difference between the schedule on the website and this column, this column will always be correct, since it reflects last minute changes and substitutions. Such changes and substitutions will be in bold print here if known at the time the column was prepared.

| | |
|--------|---------------|
| 02 Jul | KC9FZK |
| 09 Jul | AA9XK |
| 16 Jul | N9XRU |
| 23 Jul | Meeting |
| 30 Jul | KC9BKA |
| 06 Aug | W9BTN |

| | |
|--------|---------|
| 13 Aug | KA9DDN |
| 20 Aug | KC9FZK |
| 27 Aug | Meeting |
| 03 Sep | WI9GC |
| 10 Sep | K9GCF |
| 17 Sep | AQ9GT |
| 24 Sep | Meeting |

Minutes– June 10th, 2009

De Chuck Curran (W9POU)

The meeting was called to order by Club President Bill Howe KA9WRL at 7:30 PM. This was followed by everyone present introducing themselves.

Announcements:

- Tom Ruhlmann, W9IPR provided an update on the use of Navel Jelly for rust removal.
- Dave Barrow commented on Winlink, I did not record all details!
- Gary Sutcliffe, W9XT, shared with the group on passing the 1500 mark on DX contacts
- A variety of suggestions were made on using Brasso on plastic scratches, or peanut butter to remove adhesive tape residue and also brake fluid to remove paint from plastic. (No comments were heard on how to grow hair on a bald head.)

Program: Field Day 2009 was the main focus of the June meeting. Leon Rediske, K9GCF, provided a complete and thorough summary of the activities already planned or in progress. Some of the detail shared with the club was: Ken Boston K9GA will be covering 144-440 MHz, Paul KC9NHZ and Anthony N9NR will be on 15 & 75 SSB, Gary WI9M & Gary W9AWO will be handling 20 meter and 80 meter CW, Tom Ruhlmann will be struggling to handle 40 meter SSB, Bob W9LO and Gary W9XT will be on 40 meter CW.

PK Networking will be used during the Field Day Event for all logging activities. 12 copies were passed out at the meeting. Six Laptops will be in place dur-

ing the Field Day Event for logging. All software was provided by Doug Burghart, N9KG.

Terry Kohler is handling the power generators and is all set for the upcoming event. Two generators are available to handle the load.. All plugs will be identical, for easy interchangeability. Mark Potash is bringing the tower on a trailer. Gary W9XT is fixing a damaged beam, hopes to have it ready for Field Day. Tom will be bringing a ½ wave dipole and some thunderous vertical that has fantastic capabilities, if you check with Tom ---Gary, WI9M will also bring a doublet. Bob, WQ9N has donated a rotor for Filed Day use.

Friday night, please bring a dish to pass.

PR & Media: Paul is coordinating the media activities; an article has already been submitted to the Hartford Times and the Ozaukee and Washington County papers.

Fellowship Break: Dave, N9UNR sold the 50/50 tickets.

Auction: Stan Kaplan WB9RQR conducted the auction. Many items were sold to the group tonight.

May Meeting Minutes: Bill Howe asked if the minutes for the March meeting were acceptable, Dave Barrow motioned that they be approved as is and it was seconded by Gary WI9M. The club voted to approve.

Treasurer's Report: The treasurer's report was passed out to all and reviewed by Nels Harvey, WA9JOB. There is a + \$7,000 change partially due to the sales at Dayton. Dave Barrow motioned for acceptance; Doug N9GK seconded the approval of the treasurer's report.

Repeater Report: The group was told that the link is back in service. The Grafton Fire House main site died, so the spare was put into service. A new spare will be about \$100, it will be ordered. The money is already in the fund to cover this expense. 220 to 10 meter repeater has a problem; Nels said he will work on this issue to fix the problem. Dick Scarvaci will help Nels.

Adjournment: Kent Christiansen N9WH moved for adjournment. The motion was seconded by Gary, WI9M, and the motion passed with 100% voting in favor.

Meeting Attendance: Paul Purcett KC9NHD, M. Greenfield N9JIY, Pat Sullivan KC9LRK, Kate Holt KB0SIO, Dick Holt AB0UF, Mark Potash KC9GST, Naomi Potash KC9GSS, Nancy Stecker KC9FZK, Bob Truscott W9LO, Roger Zaun W9WVV, Ed Frac AA9WW, Stan Kaplan WB9RQR, Doug Burghart N9Kg, Gary Sharbuno WI9M, Dave Barrow N9UNR, Edward Rate AA9W, Kent Christianson N9WH, Gary Sutcliffe W9XT, Tom Murtaugh W9VBQ, Tom Ruhlmann W9IPR, Ray Totzke W9KHH, Ron Yokes W9BCK, Ray Brunette W9BUT, Bob Krubsack WQ9N, Todd Fast N9DRY, Mark Fielkow KB9PXE, Jim Albrinck K9QLP, Nels Harvey WA9JOB, Chuck Curran W9POU, Leon Rediske K9GCF, Terry Kohler KA9RFM, Robert Frank N9NRK, Bernard Baum KC9PQB, Bill Howe KA9WRL

AGENDA

July 8, 2009

1. Call to order – Bill Howe (KA9WRL)
2. Introductions.
3. Announcements, Bragging Rights, Show & Tell, Upcoming events, Etc.,
4. Program:
5. Fellowship Break
6. Auction.
7. Acceptance of Minutes as printed.
8. Treasurer's report – Nels (WA0JOB).
9. Repeater report – John (W9NRG)
10. Committee reports.
Field Day –
Corn Roast -
11. OLD BUSINESS
12. NEW BUSINESS
13. Adjournment to ?

Return undeliverable copies to

The ORC Newsletter

465 Beechwood Drive
Cedarburg WI* 53012

First Class

Next ORC Meeting

Grafton Senior Citizens Center

1665 7th Avenue, Grafton

Wednesday, July 8th

7:30 PM