

## The ORC Newsletter

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 XXVI June 2007 Number 6

### The Prez Sez

By Tom Ruhlmann (W9IPR))

Wow! Where did May go? Again it was busy but fun. I was somewhat relieved when the ORC Circle B Swapfest was over and pleased that Tom Nawrot has volunteered to chair the event in May, 2008. It was again a technical, financial, educational and social success. There were somewhat fewer vendors but good deals still abound. I see the May Swapfest becoming a multi-faceted event with an emphasis on social networking, roundtables, seminars, forums, fox hunts etc. and swapping rather than being strictly a swapfest. The times seem to be changing due to the maturing of the amateur community and availability of a larger market for items via e-bay.

Dayton was fun again – In large part because of the ORC crowd attending. A weekend with the guys with a few good deals thrown in is always a good time. Consistent with what we have seen at the local events, there seemed to be fewer vendors this year. I was surprised at finding a couple of the items I was looking for. For example, one B&W 80 Mtr. antenna trap good for a kW for \$2; an MH-27 microphone (but it had a working FT-2400 mobile rig attached) for \$50; and an MH-15 microphone (to fill the original need I had for the MH-27 above) for \$8. Between the bargains and the good company it was a great weekend.

Acquiring the 80-meter trap got me started on an 80/160 meter "inverted L". Little by little it is going up. The vertical section is about 50 feet so I am looking for good low angle radiation once finished. One stumbling block is sufficient solid conductor #12 copper wire for an adequate number of quarter wavelength radials. Should

be finished in a few weeks or so and then for the fun of trying some low band DX.

I was pleased to see several of the ORC members get involved in the Saukville River Cleanup project. It is through our participation in these types of projects that the general public becomes aware of the ORC. We are an acknowledged Public Service Club and it is important that we serve the public with our unique skills and capabilities.

I am looking forward to the ARRL VHF QSO party the weekend of June 9<sup>th</sup>. It is a great opportunity to work several more sections toward the magic 100. I just wish I had my 2-meter beam up. Oh well, there is only so much roof space available this year.

The major event in June will be the annual Field Day. I went to a couple of Field Day meetings at Leon's (K9GCF) and am really impressed at how well organized this activity has become. I also noted a couple of new forces on the committee including Ken Boston (W9GA) who seems to think the 40 meter SSB tent will surpass the number of QSO's obtained by the 40 meter CW tent. I also understand that there will be flags to identify which CW and SSB stations are leading in total QSO's during the event. Currently the club mobile tower is at Mark's Potash's (KC9GST) shop getting some necessary rework. The trailer and tower promises to be better than ever in both appearance and function when finished. I am looking forward to a really fun weekend and the ORC definitely holding 3<sup>rd</sup> place and hopefully advancing to 2<sup>nd</sup> place in the national standings for 5A. See you there.

73's, Tom

### OOPS!

Most humble apologies to Dean, K3GGN and Kent, N9WH for my errors in reporting their WIQP scores. Dean's should have been 214 Qs, 66 Mults, and 500 bonus points, for a score of 42,872. That moves him up to #4 from #6 in the club scoring. Kent's score, which got completely lost in the shuffle, was 234. Sorry about the oversight Kent. Give it a shot again next year, and perhaps earn the most improved operator certificate. Bob, W9LO

## May 5th Swapfest

It was again a success with swapping, networking, forums and a Presidents Roundtable. Our admissions and table sales were down about \$250 from last year but we still managed a net income of approximately \$1779, about the same as last year, due to reduced expenses.

The ORC Scholarship Table did especially well with sales of \$298 (not included in the \$1779) adding to the Scholarship fund.

Special thanks to all the ORC members who made the swapfest another success. Special thanks to our forum presenters, Gary Sutcliffe (W9XT), Gerald Scherkenbach (N9AW) and Richard McGover (NK9G) and to Tom Nawrot who handled table sales and has volunteered to be chairman of next year's event.



Nels, Jim and Bernie again man the admissions ticket counter.



The browsing was fun and yes, there were some good deals.



Mark manned the ORC table selling the Mark I and II portable mast/antenna supports.



The Presidents Roundtable was a big success with Don Michalski (ARRL Section Mgr.) and 7 area Radio Clubs represented.



The forums were again a great success. The HF forum was presented by Gary Sutcliffe (W9XT) and the ORP forum was presented by Gerald Scherkenbach (N9AW) and Richard McGover (NK9G) of the GMDXA.



This year's winner of the ICOM HT grand prize was from Menomonee Falls.



Stan (WB9RQR), Don Michalski (W9IXT) and Tom (W9IPR) visited a few minutes following another successful ORC Circle B Swapfest.

Special recognition is also due to those companies who contributed door prizes for the event. These included:

ARRL - Publications

Buckmaster - Call Book on a CD

CQ Magazine - Subscription for one year

W5YI - Gordon West Self Study program

ICOM - Caps, shopping bags and band charts

Unified MicroSystems - PC interface & regulator

# A BIT OF 1974 FIELD DAY HISTORY

By Bob Truscott, W9LO

N9UNR recently sent out a request for info on deceased ORC members. I read it, thought about it for a few minutes, and deleted it because I couldn't remember any SKs who weren't already on the roster. W9BCK refreshed my memory with an email a couple days later asking "what about Shorty"? This prompted me to open the archives and search through all those decaying old newspaper articles about various things that happened over the last 50 or so years. I found what I was looking for. It was a story about Field Day in the News Graphic, dated 7-10-74, complete with two pictures of Shorty, one while he was refueling the generator, and the other on top of the tower, apparently putting the finishing touches on the installation of a couple beams.

My best guess on the beams is an 11-element 2-meter, and a 4-element 6 meter, oddly enough installed at 90 degrees to each other. Is there anyone on frequency out there who remembers if they stayed that way, or if the picture was taken before Shorty finished the job?

Shorty did most of our tower work in the early years, and was a major contributor to our Field Day efforts. One year he was caught on top of a tower when a thunderstorm rolled in unexpectedly, but that's not why he is SK. He got to the ground just as the storm hit, and walked away in the rain. No harm done, but it was a matter of great concern to all of us while he was

climbing down.



"SHORTY" KRITCHMAN WA9SFI, Port Washington, maintenance technician for Bell Telephone, servicing a generator. This is the machine that expired at 4:00 a.m., tender loving care notwithstanding. Shorty is better on telephones than on generators.

Grant T. "Shorty" Kritchman, WA9SFI, SK.

Then came a pleasant surprise in the same article, a picture of Hugh Putnam, K9ZUB, operating the CW station.



HUGH PUTNAM K9ZUB, Mequon, operating a code set up. The box at the upper left is a home made transmitter electronicly coupled to the receiver below it. When a signal is heard on the receiver, the transmitter is ready to go on the same frequency as the received signal.

The caption said "The box at the upper left is a home made transmitter electronically coupled to the receiver below it. When a signal is heard on the receiver, the transmitter is ready to go on the same frequency as the received signal." Yep, you guessed it! It was a description of the

first transceiver that ORC ever used on Field Day. (Although 1974 may not have been the first year.) It was a conventional tube type 150 watt transmitter, CW only, 80,40 & 20 meters, that I built somewhere about the late 1960s, complete with a self contained VFO and "spot" switch, which turned the VFO on and enabled you to zero-beat the calling station before transmitting. That's the way it was done in those days. And that's one of the reasons why scores were not as high then as they are now. Several hundred modifications later I turned it into a transceiver by tapping a feed off the local oscillator of the Drake R-4 Receiver, and feeding it into a converter with an output on the operating frequency. It worked quite well, and we used it on FD through 1981. The key clicks were magnificent—The phone stations couldn't hear a thing through them. That's why we always beat them. Another notable feature was its weight, about 1 pound per watt of power output. That is to say, about 150 pounds. I can't even lift it anymore. It didn't measure up to the Yeasu FT-1,000 that we use now, but then neither did spark measure up to CW. But they both pointed the way to where we are now.



NO, THIS IS NOT A PRIVY. Bob Krubsack WA9KBB and the operating position he worked is mounted on wheels. The call letters W9L0 were used to identify the Club during the contest.

See you all at Field Day. Bob, W9LO

## **Club Static**

Dave Barrow (N9UNR) ran some statistics on the club (He is in the process of putting together the 2007 roster).

We have 122 members on the roster - of those there are:

- 1 Novice
- 39 Techs
- 21 Generals
- 5 Advanced
- 56 Extras

Mike Yuhas upgraded to General in April and then upgraded to Extra in May. With the upgrade to Extra he received the new call of AB9ON.

## **Dayton**

The Dayton Hamvention is about 400 miles and a host of great "stories" away but it provides an interesting education and is a really good time.



Gabe (WI9GC) and Ed (AA9W) were promoting sales out of the back of Gary's (WI9M) SUV Saturday.



Some HT's are bigger than others. Some fit in your pocket and some on your back. The HF pedestrian mobiles were many and were an interesting, very strong group.



The KY bluegrass group was at Dayton again providing entertainment and an occasional good deal.



Yaesu introduced a new rig fit for motorcycle use. I prefer to listen to the "potato-potato" sound.



There is a time for sales and a time for rest. Rex Nelson (W9CRQ), Nels Harvey (WA9JOB) and Ed Frac (AA9WW) took a break from selling and watched the table sag under the load of unsold inventory.



This portion of the ORC gang at Dayton included Ed (AA9W), Mark (AB9CD), Kent (N9WH), Ted (Marks co-worker), Ed (AA9W), Gary (WI9M), Tom (W9IPR) and Gabe (WI9GC). Others there included Nels (WA9JOB) who took the photo, Rex (W9CRQ) and Leon (K9GCF).

### **RIVER FEST A SUCCESS**

By KA9PZG Cindy

The 12<sup>th</sup> Annual Saukville River Fest went very well this year! The weather cooperated and all went on without a hitch. I would sincerely like to thank the following ORC and former members who came to spend a few hours to keep the event safe:

KA9DDN Skip KA9PZG Cindy N9SBA Gary Bares WB9RQR Stan W9VSC Don

We look forward to working with you again next year!!

# FIELD DAY CHECKLIST 2007

#### **BAND CAPTAINS**

#### **OPERATING POSITION:**

Tent or Trailer. Plywood for under chairs, Poles, Stakes, Guy Ropes, etc., Table, Lawn chairs, Ground Cloth

#### RADIO GEAR:

Manuals for Radios & Equipment, Antenna Manuals for Beams/Verticals, Radio set, Power Supply, Cables, Computer to Radio Interface, Speaker, Muffin Fan for cooling radio, Extension cords & Power Strips, 110V 3 wire to 2 wire adapters, Spare / Auxiliary Generator, Ground Rods, Wire & Clamps, Antennas, Masts, Guy Ropes, Coax, Coax fittings & Adapters, Extra Coax Cable for making Jumpers, Extra Coax Jumpers, Rope, Pulleys, Wire Antenna, Antenna Tuner, SWR meter, Keyer, Paddles, Cables, Microphone, Cord, Voice Keyer, Headsets, Mouse Pad, Filter for 110V electrical noise, Boost/Cut 110V Regulator, Bandpass Filters. Antenna Analyzer, Clock, Lamp + Spare Bulb, Pencils, Paper, Calculator, Electric Fan for Operators, Volt/Ohm/Milliameter (VOM), Heater in form of Coleman Lamp, Hand Held Radio & Batteries

#### **TOOL KIT & SPARE PARTS**

Hammers: Sledge, Carpenters, Ball Peen Pliers - Ordinary, Needle Nose, Channel Lock, Vise Grips, Side Cutters, Wrenches, Nut drivers, Screw drivers, Phillips & Regular, Wire Strippers, Crimping Tool, Crimp Terminals, Wire, Nuts, Soldering Iron/Gun, Solder, Tape Rule, Pry Bar, Wood Blocks, Spare Fuses for Radios, Power Supplies, Etc.

Flashlight + Spare Bulbs & Batteries for connecting things: Heavy String, Electrical Tape, Duct Tape, Masking Tape (for labeling things), Magic Marker, Rubber Bands

#### **INDIVIDUALS OPERATING & VISITING**

#### PERSONAL FOOD:

Fruit, sandwiches, cookies, crackers, nuts, cheese spread, sausages, bagels, chips

Cooler with ice, Milk, Orange juice, Soda Water, Bottled water, Special Food for your Diet, Special Medications, Pills, Aspirin, Antacid

#### FIRST AID

First Aid Kit, W/ Bandages, Antiseptic Bug Repellant, Sunscreen, Sunburn Ointment

#### CAMPING/SLEEPING

U may wish a separate sleeping tent, Cot/Air Mattress w/Air Pump, Sleeping Bag, Pillows, Blankets etc.

#### **HYGIENE:**

Soap, Toothbrush + Paste, Razor, Washcloth, Towels, Paper Towels, GOOP Waterless Hand Cleaner, Alcohol Hand Sanitizer

#### **CLOTHING:**

Light for hot summer days, Jacket, Sweater, Long Underwear or heavy Slacks for cool nights, SUNGLASSES, HAT for the hot sun, Extra Socks, Underwear, Jammies, Change of Clothes, Galoshes, Raincoat or Poncho, Umbrella

(Ahhh it NEVER rains on Field Day)

#### **FACILITIES SAFETY:**

Yellow Caution Tape for calling attention to Antenna Guys, Trailer Tongue, etc.

Trash Can + Liners, Plastic Bottles filled with water & frozen for use in the Cooler. When the ice has melted, use on top of ground stakes to prevent ankles coming in contact with the stakes in the dark.

\$ for the folks to teach U Sheepshead Friday Night! (Hah!)

Started by KA9DDN, Continued by K9GCF

## **Upcoming Events**

#### June

2<sup>nd</sup> QCWA Meeting – Ron Yokes

3<sup>rd</sup> Miller Lite Ride for Life

9<sup>th</sup>-11<sup>th</sup> ARRL VHF QSO Party

10<sup>th</sup> 6 Meter Club of Chi Swapfest @ DuPage Fairgrounds in Wheaton IL

13<sup>th</sup> Membership Meeting

23<sup>rd</sup> -24<sup>th</sup> Field Day

July

7<sup>th</sup> South Milwaukee Swapfest

14<sup>th</sup>-15<sup>th</sup> IARU HF World Championship

11<sup>th</sup> Membership Meeting

15<sup>th</sup> Fox River Radio League Swapfest @ Aurora IL

21st Fish Day at Port Washington

23<sup>rd</sup> - 29<sup>th</sup> Airventure 2005 at Oshkosh

29<sup>th</sup> Board Meeting

**August** 

4<sup>th</sup>-5<sup>th</sup> ARRL UHF Contest

5<sup>th</sup> Bolingbrook Swapfest @ Bolingbrook IL

8<sup>th</sup> Membership Meeting

11<sup>th</sup> Circus City Swapfest – Baraboo WI

18<sup>th</sup> ORC Cornroast

## **Upgrades**

De Nels Harvey (WA9JOB)

If you have upgraded your class of license, moved, or changed your telephone number, I need to know so I can change the database. I have now upgraded Mark, KC9GST, Dave, N9UNR, and Mic, KC9GDV in the list. If anyone else has upgraded, or has other changes this year, please send me an e-mail.

The



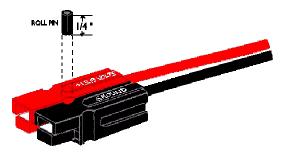
Column

By Stan Kaplan (WB9RQR), Column Editor

ORC President Tom Ruhlmann, W9IPR, organized an "Opportunity Day" at Parkview Elementary School in Cedarburg on Friday, 4 May. He, Bill Howe (KA9WRL), Tom Murtaugh (W9VBQ) showed waves of kids what ham radio was all about, including demonstrating code, Walter Cronkite's video, and on-the-air contacts on HF and VHF. Jack Morrison (N9SFG) and I had the MCT (Mobile Communications Truck) there as well, for its first public viewing out of the Emergency Management arena. We ran up the

mast to its full 48 feet and showed the kids all the neat equipment at the operator's position. They were especially impressed with the camera up at the top of the mast, and we let them carefully pan and tilt, zoom and focus. It was a good public service and pique the kid's interest. Maybe some will become hams!

Skip (KA9DDN) repeated his presentation (done first at the last OZARES meeting) at the last ORC meeting. Everything you wanted to know about Anderson Powerpoles – including what they are, what they do, how to construct cables using them, and so on. Everyone should be using them to facilitate power connections. Here is a picture of them at the end of a power cable, showing the proper orientation:



Note that the red connector is on the left when facing the open ends, and that the metal contacts (shown here in white) are on the bottom of the open ends. Only this orientation will work, if you are to be consistent with the rest of the world! Skip informs us that the roll pin shown in the above illustration should NOT be used. Instead, a drop of crazy glue on one of the plastic connectors shown above, just before mating it with its neighbor, makes a terrific permanent joint. This prevents any danger of the metal roll pin dropping out into the innards of your rig or power supply. Take that hint!

An orientation to the **MCT** was held at the OZARES meeting on 24 May. Folks got the opportunity to see its equipment and how things work. It is hoped that we will have the MCT at Field Day for a time so that ORC folks and the general public can take a tour.

**NET CONTROL SCHEDULE:** OZARES nets are held each Thursday at 8:00 p.m., except on meeting nights (4<sup>th</sup> 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 complete schedule on the web site for possible hams to trade dates with. Guests are welcome after the OZARES check-ins are complete, especially ORC members!

14 Jun WB9RQR

21 Jun FIELD DAY preparations,- no net.

Meet at the ORC shed at 6:00 PM.

28 Jun WI9GC

05 Jul AA9GT

12 Jul N9SQA

19 Jul KB9UKE

26 Jul Meeting

02 Aug N9UNR

09 Aug KB9URH

16 Aug N9VBJ

23 Aug Meeting

30 Aug W9VBQ

## Minutes-9<sup>th</sup>, 2007

De Stan Kaplan (WB9RQR)

Minutes of the Regular Meeting of the Ozaukee Radio Club, 9 May 2007

Mark (AB9CD) conducted an Elmering session before the regularly scheduled meeting.

President Tom Ruhlmann (**W9IPR**) called the meeting to order at 7:33 p.m.

ANNOUNCEMENTS and BRAGGING RIGHTS: Leon (K9GCF) won a foxhunt in Ft. Myers, Florida, during his recent visit there. Bill (KA9WRL) demonstrated antique code-generating equipment, one of which read holes in paper tape, the other read printed lines on paper tape. Gary (W9XT) has bagged his last station for DXCC after many years of trying. Mike (KC9GDV) upgraded to General Class. Skip (KA9DDN) and Cindy's (KA9PZG) son James has received his ticket (KC9LMS), making the Douglas Family now 100% ham.

President Tom (W9IPR) presented the following awards (which had to wait until this meeting because the recipients could not attend the Post Everything Party): Gabe (WI9GC, then N9QQA), with a Past President's Award; Mark (AB9CD) with a Superb Instructor Award for his Elmering sessions; Gary

(N9UUR) with a Communications and Technical Skills Award; Mark (AB9CD) with the ORC Ham of the Year Award.

The upcoming **Dayton Hamvention** was mentioned. The Saukville River Cleanup is coming up on 19 May; Cindy (KA9PZG) could use a couple more volunteers - contact her if you are willing to help. Volunteers are also needed for the Tour de Cure ride on 20 May; contact n9rxd@arrl.net to help. QCWA was mentioned. A Swapfest Review Session is scheduled for 7:00 p.m., 6 June at W9IPR's house - open to all members. The Wheaton Swapfest is coming up 10 Jun. Field Day is 23/24 June. Jeananne (N9VSV) is looking for volunteers to work the Miller Lite Ride for the Arts on Sunday, 3 June. Trek 100 (Waukesha) needs volunteers for 2 June - contact Mark (AB9CD) for details. Also contact him to help with the Great Midwest Relay (Madison - Milwaukee - Chicago), an all-nighter for the NCO and helpers on 8 June. Clearly there are enough upcoming events to keep us occupied with communications activities!

**PROGRAM** (began at 7:59 p.m.): Skip (**KA9DDN**), with technical help from Mike (**KC9GDV**), presented an excellent, detailed program on **Anderson Power-pole** connectors – what they are, their advantages, how they work, how to prepare cables with them, and preparing for or avoiding pitfalls during cable preparation. These are the <u>exclusively</u> used power connectors in our state for ARES/RACES, and are so superior to other connectors that everyone should use them to set up their rigs and power supplies.

At 8:48 p.m., a 5-minute **Fellowship Break** was taken, followed by the monthly auction hosted by Stan (**WB9RQR**). Jerry (**W9GGR**) won the 50/50 Raffle.

#### **BUSINESS MEETING:**

Dave (N9UNR) moved to accept the minutes as printed in the last ORC Newsletter; seconded by Gabe (WI9GC); the motion passed.

The **Treasurer's Report** was given by Nels (**WA9JOB**) who briefly explained his report as distributed to members at the meeting. A balance of \$9,971.07 was in the ORC account and \$20,084.53 was in the Scholarship account as of the end of April. Gabe (**WI9GC**) made a motion to accept the report as presented and Dave (**N9UNR**) seconded the motion; the motion passed.

Nels (WA9JOB) gave the **Repeater Report**, in the absence of Repeater Vice President John (**W9NRG**). Nels related that John (**W9NRG**) is reconfiguring the 146.97 MHz link at the Grafton Firehouse, after which

the guys will work on re-balancing the receive levels on the repeater so the voter works more smoothly. President Tom (W9IPR) announced that he has appointed a Special Repeater Committee, consisting of W9NRG, WA9JOB, K9QLP, N9UUR and N9UNR. He has tasked the committee with examining what it will take to keep the repeater systems in top condition as configured now, and also to examine whether or not conversion to a digital voice system (such as Dstar) is an option. He wants the committee to examine both the equipment required and the financial burdens associated with all these issues.

A **Swapfest Financial Report** was presented by Nels (WA9JOB), who noted that \$1,958.22 was generated for the ORC treasury. President Tom (W9IPR) noted briefly some statistics gleaned by examining ticket stubs and the 63 surveys that were returned. About 275 people attended. Of those who responded, 82% live with in 60 miles, 72% within 40 miles and 40% within 20 miles of the Swapfest site, indicating we have a fairly local patronage. Most folks were attracted to attend via the flyer (32%) and word-ofmouth (30%), while only 3% responded to our postcard, 5% to our regular mailing and 5% to the ARRL announcement. On average, attendees have been to our Swapfest for eight years, and attend an average of three swapfests a year. The majority attended for social reasons, rather than for specific parts or equipment.

Leon (K9GCF) held a brief Field Day Organization Session, with Field Day Co-Chairman Ken (W9GA) in attendance as well. Gary (N9UUR) has been appointed "Points Honcho" to bulldog squeezing every possible point out of our efforts. He noted rule changes for this year, such as a person 18 years old or younger receiving 20 points for a contact, up to a total of 100 points for the club. Also, "inactive hams" can be GOTA ops this year, another option for us to increase our score. Leon (K9GCF) noted that a Field Day Meeting is scheduled at his home at 7:15 p.m. on 22 May.

Ed (AA9WW) has put in an initial order for **Club Jackets**, which was accepted by the vendor at the rates Ed published. However, there is an indication that the prices may increase by \$5 for future orders, owing to an increase in price from the manufacturer passed along to the vendor.

ATTENDANCE: Members, 35; guests 4: W9BCK, AB9CD, AA9CI, KA9DDN, W9GA, WI9GC, K9GCF, KC9GDV, W9GGR, KC9GSS, KC9GST, W9IPR, N9JIY, WA9JOB, KC9JWC, W9KHH, W9LO, KB9PQZ, KA9PZG, K9QLP, WB9RQR, KB0SIO, AB0UF, N9UNR, N9UUR, W9UVV, W9VSC, N9VSV,

AA9W, N9WH, KA9WRL, AA9XK, W9XT, N9ZF, N9ZR. Guests: Carol Szudrowitz, KC9CBC; Joe Sturmberg, KA9DFZ; Doug Burghardt, N9KG, Gene Szudrowitz, KB9VJP.

**ADJOURNMENT**: Dave **(N9UNR)** made the motion to adjourn, seconded by Gabe (WI9GC); the motion passed. The meeting adjourned at 9:47 p.m.

Submitted by Stan Kaplan (WB9RQR), for Secretary Nancy Stecker (KC9FZK), who was away in China.

#### **AGENDA**

13th, 2007

- 1. Call to order Tom (W9IPR)
- 2. Introductions.
- 3. Announcements, Bragging Rights, Show & Tell, Upcoming events, Etc.,
- 4. Program: Ken Boston on VHF & UHF; Field Day
- 5. Fellowship Break
- 6. Auction.
- 7. Acceptance of Minutes as printed.
- 8. Treasurer's report Nels (WA9JOB)

- 9. Repeater report John (W9NRG)
- 10. Committee reports.

Public Relations -

Youth Program -

Sept. 15<sup>th</sup> Swapfest - Tom & Gabe

Field Day - Leon & Ken

Repeater Committee - John

- 11. OLD BUSINESS
- 12. NEW BUSINESS
- 13. 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, 13<sup>th</sup>

7:30 PM