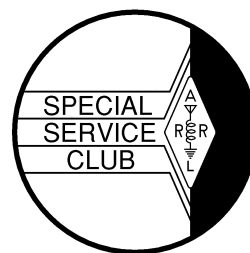




The ORC News -

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 XXV

October 2006

Number 10

The Prez Sez

By Tom Ruhlmann (W9IPR))

September has been an interesting month with the two main events being the ORC Open Air Swapfest followed by the Ozaukee Public Health Exercise.

I thought the outdoor swapfest was quite successful for our first effort and we learned a lot. Special recognition is due Ray Brunette (W9BUJ) for originating the idea for the project and then following it through as Chairman of the event. This was one of the better planned and executed ORC projects of which I have been a part. I was especially pleased to see how the committee individuals took responsibility for different aspects of the swapfest. Great job by all that participated.

If you weren't there you missed a good time and some good deals. I picked up a small 3" Tektronix portable oscilloscope for \$20 and for which I had the batteries. It actually works. The following swapfest pictures tell the event story.

The next weekend was the Ozaukee County Public Health exercise and I was quite impressed with how smoothly the exercise progressed complete with meaningful message traffic etc. It appears that Ozaukee County Emergency Government is becoming prepared for what ever comes our way.

I was very surprised and pleased about the \$1000 grant given to the Scholarship Fund by the William Stark Jones Foundation. Next month I will provide an introduction to William Stark Jones and the foundation in the newsletter. This is the first time a significant financial contribution has been made directly to the fund. As we age and become silent keys it may be comforting to

know that we are leaving a legacy for the education of our youth. Think about it.

What's up for October? Jamboree On The Air (JOTA) is on Oct. 21st and 22nd. I have observed a couple of these and it seems to be great fun working with Le FROG and the Boy Scouts. Sounds like Bill Howe and the Le FROG group could use some help and I can assure you it will be time well spent. Give Bill (KA9WRL) a call.

The following Saturday (Oct. 28th) is the MRC Swapfest at the Waukesha Fair Grounds. I wouldn't miss it for anything. If you want to ride along, meet us for breakfast at Prime Minister at 7 AM in Thiensville. The suburban is leaving by 7:30 AM.

Also, it is not too early to start considering serving on the Board of Directors. Past President Vic Schier will be chairing the Nominating Committee and will be listening for you. Elections will be at the January 2007 meeting.

Get involved, have some fun. 73's,
Tom (W9IPR)

Contesting - NOVEMBER SWEEPSTAKES

De Bob Truscott (W9LO)

You know the winter contest season is in full swing when we start talking about the November Sweepstakes. It's almost here. It's CW on the weekend of Nov. 4, and SSB on Nov.18. In my view these are two of the best contest weekends of the year because CW ops can concentrate on their favorite mode uninterrupted, and still dabble with SSB two weeks later. And the SSB gang can do likewise. It's a great opportunity for each of us to try the "other" mode, and still put in

a maximum effort in our favorite mode in the same contest. And how about a multi-op effort? Get together with 2 or 3 others and operate a single station, just as we do on Field Day. You don't have to be "gung-ho" operators to do that, just jump in and have some fun. You'd be surprised how well you can do by just listening to the more experienced operators and imitating them. Now I'm a pretty selfish guy as far as the CW SS is concerned, and don't want to share that weekend with anyone except the cat who walks on my keyboard. But I do plan to have several club members over to work a multi-op on the SSB weekend. I hope to see a bunch of you folks in both modes.

Coming up in October:

Oct. 15 (14 local time)—North American RTTY Sprint—Rules in Oct. QST, page 101

Oct. 22 (21 local time)—Illinois QSO Party—Rules in Oct. QST, page 102

Oct. 28—CQ World Wide DX Contest—SSB—Rules in Oct. QST, page 102

Nov. 4—ARRL November Sweepstakes—CW—Rules in Oct. QST, page 103

Have fun contesting. Bob, W9LO

ORC Scholarship Awarded

The ORC \$1000 scholarship has been awarded to Matthew Weeks of Racine WI. Following is Matthew's biography and his thank you note.

"I have just completed 12th grade. I have been home-schooled most of my life but I have taken a number of university level courses in the past few years such as German, calculus and computer science courses. In the first three years of high school I was involved in speech and debate and received many speech and debate awards. I have set up computer systems including wireless networks, scanners and printers as a hobby and job. I also have directed, filmed and edited many videos and created DVD's.



**Matthew Weeks is the ORC 2006
Scholarship winner**

I have been a player in 2 softball leagues the past three years and also serve as an umpire when needed. I have also written for the Wikipedia on-line encyclopedia. I acted in and worked behind the scenes for a play at the Racine Theater Guild. As a member I helped Amateur Radio Emergency Service and Racine Megacycles Club in various events and activities such as helping provide communications for the Dairy State Triathlon in 2003 and 2004 (re-named Spirit of Racine Triathlon in 2004) and a simulated disaster drill at Boy Scout Jamboree 2002, as well as serving as Net Control Operator on numerous practice severe weather nets. I am a Civil War reenactor in 2nd Wisconsin Company A and participate in living history portrayals at schools and re-enactment's. I also run the sound system at church weekly for morning and evening services. Having been awarded a US Air Force ROTC Scholarship I will enter the AFROTC program and enter the US Air Force after college.

Matthew Weeks

Dear Ozaukee Radio Club,

Thank you very much for your generous scholarship, which will assist me as I study computer science at Cedarville University. I enjoy working with computers, radio, playing softball and mak-

ing videos and your scholarship will let me pursue those.

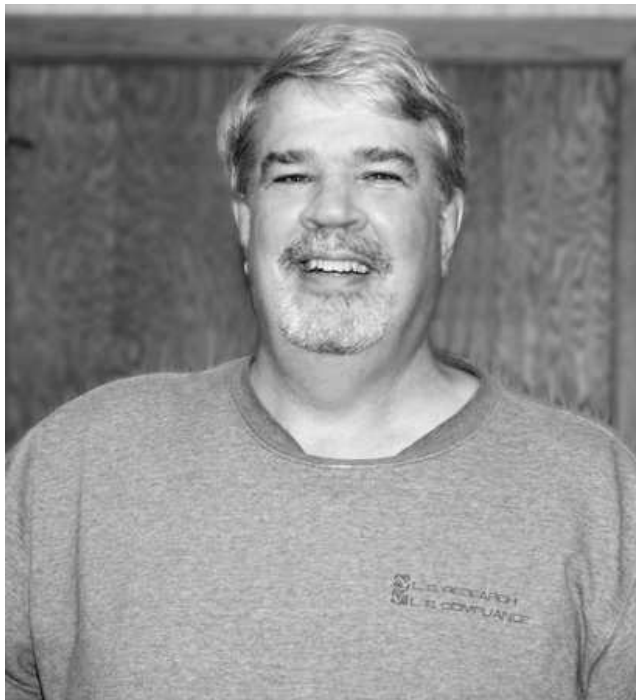
Matthew Weeks

NOTE:

The ORC Scholarship Fund has received a \$1000 grant from the William Stark Jones Foundation of which Peter Klode (N9GOZ) is a trustee. More on that next month.

Ken Boston – W9GA New Member

Ken grew up in Stevens Point and with the encouragement of his dad, later licensed as WD9JIN, earned his first amateur radio license in 1964 while in the 7th grade. Ken's original call was WA9KGG and since then has held the calls of WF9X and his current Extra class call of W9GA.



Ken Boston (W9GA) was influenced to join the ORC by our performance at Field Day. He is Past President of the Badger Contesters and has many VHF/UHF awards.

Although Ken earned his original degree in Radio and TV Broadcasting at Madison in 1973 he returned to college (UW-Milwaukee) and earned

his electrical engineering degree in 1992. During these years he owned an audio store and recording studio in Madison, a commercial satellite company, worked at AES and is currently the EMI Lab Manager at LS Research in Cedarburg. He has much experience in amateur radio organizations having served as President of Kettle Moraine Radio Club, Badger Contesters and Central States VHF Society and is a long time member of the W9DXCC group.

Ken has never owned an HT so he is not much of a repeater guy however; VHF and UHF are his passion. Among other achievements he has earned DXCC (100+ countries) on 6 meters, VUCC (100+ grid squares) on 2 meters and 70 cm, and has worked 47 states on 2 meters. Currently he is pursuing 1.2 and 10 GHz experimentation.

Why did Ken join the ORC? After the Kettle Moraine Radio Club folded he missed operating field day and Gary (W9XT) convinced him to visit our operation at Lazy Days this year. He was properly impressed with the ORC activities and decided to become a part of it. Welcome to the ORC Ken.

His shack? For HF and 6 meters he uses his Yaesu FT1000MK5 but most of his work is done on the Yaesu FT736 or FT847 and Kenwood TS711. Antenna? Wire on HF and a bunch of beams on VHF/UHF. If you want to get a look at all this stuff you will find Ken living in Colgate with his wife Stefanie.

Again Ken, Welcome to the ORC.

Jerry Seitz–KB9ZOW New Member

Jerry earned his original license in 1959 at the age of 24 while living with his family in Chicago. He got interested in amateur radio through a friend of his brothers who was a HAM and who had a mobil rig. Jerry was working at ITT- Kellogg at the time and with the help of a local HAM pharmacist he learned the code (13 wpm) and passed his General class license and received the call of W9GGR.

As was the general practice at the time he built his first transmitter for HF base operation. It used an 807 driving an 813 tube and the transformer in the power supply was a utility company pole transformer. It put out quite a punch on 10 meters. The receiver was a Hallicrafters SX96 and which he still has today. For mobil operation at the time he had an Elmac AF67 transmitter and PMR7 receiver. There were no transceivers at that time and these rigs operated only HF on 10 thru 160.



Jerry Seitz (KB9ZOW) is shown here with his "home brew" 813 rig and SX96 in 1961 as W9GGR

Jerry then moved to Wisconsin where he worked for Centralab for 13 years as a product line manager in the potentiometer group. This was followed by 27 years at Johnson Controls from which he retired about 5 years ago.

During this time the technology changed to solid state and SSB and like so many others, Jerry's HAM activities diminished. He was however active on the "91" and "13" Milwaukee repeaters using his Yaesu 208R HT.

Unfortunately Jerry's license lapsed but with retirement his interest was rekindled and he took one of the ORC training classes at the Justice Center and earned his Technician license in 2001. Currently he is studying for the General class ticket and applying for applicable credit for his past code ability.

If you want to contact Jerry, WB9ZOW, he lives in Grafton with his wife Sherry. They also have 6 grown children living in MA, CT, PA, HW and WI.



Jerry Seitz (KB9ZOW) is one of our newer members. His interest in HAM radio was rekindled with retirement.

Oct. 11 Meeting Program

Gregg Lengling, W9DHI, controls his HF station from a UHF or computer link over the Internet. Greg operated his HF station from his work site during his lunch hours. Pretty neat! Come and see how he does it. Leon

VUCC Awards

Keith Shilhavy (KY9P)

One application was processed for a new 6 Meter VUCC. Congratulations to the applicant Rich Kelly, KB9RNO, of Prairie Du Chien, WI!!!! There has also been an inquiry from a Milwaukee area amateur, but no activity from any ORC members. If you would like to display some attractive "wall paper" in your shack, contact me for details! Keith KY9P UHF/VHF Awards Manager, ARRL

Tips, Tails & Tools

Ron Yokes (W9BCK)

Sunspots and all at:

<http://home.teleport.com/~nb6z/solar.htm>

Great informational site!

Bill Howe III (KA9WRL) and Tom Murtaugh (W9VBQ) volunteered to conduct a CW training class via the repeater. Contact them for details and to participate.

Don't forget Oct. 22nd is the 6-meter Fall Sprint and the 29th is the CQ Worldwide DX SSB contest.

ORC "Outdoor" Swapfest

Based on interviews with the attendee's and returned surveys, the first ORC open-air swapfest appears to be a social and hamming success. While 65% of the attendees had been to our May indoor event, this was the first time for 35% of the attendees to be at an ORC swapfest. I suspect these "newcomers" attendance will favorably impact our May event as well.



It was cool but a good time as proclaimed by our MC and announcer, Bill Howe (KA9WRL). Would you believe he went the whole morning on battery power with a 59 signal?



There was much inspection and bargaining along the rows of radio equipment and hobby stuff in the Circle B parking lot.



Some vendors demonstrated their wares in such a way as to draw a continuing crowd of potential customers.



A variety of “good stuff” in the open-air swapfest all awaiting a good new home.



Gary Sutcliffe (W9XT) was contemplating yet another hobby as he evaluated this beautiful red radio controlled model aircraft.

Attendees came from as close as 2 miles and as far as 100 miles with the average being 40 miles. Our most effective advertising seems to have been the flyers we distribute at other Ham-fest followed by post cards, ARRL listing in QST and the ARRL web site and local net announcements.

There were 24 of our members, and a few spouses, involved in the planning, preparation and execution of this first open air ORC swapfest. That, in itself, made it a fun social event.

We had 37 different private vendors using 57 spaces and ticket attendance of about 177 for an income of \$888. Expenses about equaled income but considering Ed Rate’s sales of scholarship donated equipment we turned a net profit. With a few changes it appears we could expect to turn a \$500 to \$1000 net profit on the

event itself next year. Experience makes a difference.



Swapfest Chairman Ray Brunette (W9BUJ), Admissions Supervisor Nels Harvey (WA9JOB) and Traffic director Jim Albrinck (K9QLP) took a break to discuss the success of the first annual ORC Outdoor Swapfest.

Upcoming Events

October

- 7th WI Simulated Emergency Test
- 11th **Membership Meeting**
- 14th & 15th ARRL International EME Contest
- 15th North American RTTY Sprint
- 21st & 22nd JOTA Boy Scout “on the air”
- 28th MRC Swapmeet @ Waukesha Expo
- 31st Board meeting at Tom’s (W9IPR)

November

- 1st **Board Meeting**
- 4th–6th ARRL November CW Sweepstakes
- 8th **Membership Meeting**
- 18th–20th November Phone Sweepstakes

WISCONSIN QSO PARTY

Bob Truscott (W9LO)

It is a basic teaching of the U.S. Army (albeit inadvertent) that to volunteer is the fastest way

possible to create trouble for yourself. I learned that lesson the hard way back about 60 or so years ago. But as time goes by and the memories dim, people sometimes look back at “the bad old days” and start to believe they really weren’t so bad after all. And maybe it’s OK to volunteer if the cause is important enough. That was my frame of mind when I suggested to Prez Tom that the Wisconsin QSO Party is that important and that we should put enough effort into it to win the club competition. He agreed, and accepted my offer to chair the as yet non-existent WIQP Committee. Since that time Gary Sharbuno, WI9M, has agreed to join me as Co-chairman. Gary and I will be meeting soon to review the club’s past performance in the party and to start the process of developing a plan that hopefully will put us in position to challenge the perennial champions to the north of us, after which we will invite all interested club members to join us in the final planning.

So in spite of the lessons learned in the army, I look forward eagerly to this voluntary assignment, and hope that each of you will join Gary and me in the effort. We’ll be knocking at your doors.

The

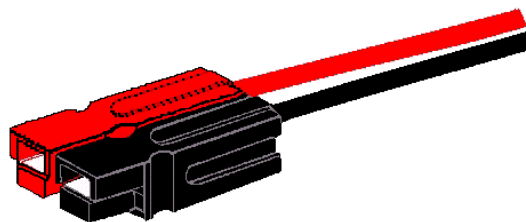


Column

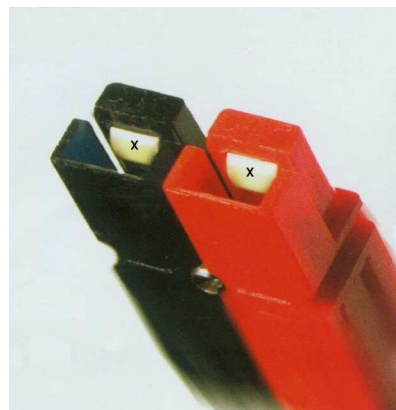
By Stan Kaplan (WB9RQR), Column Editor

ANDERSON POWERPOLE: This power connector has been widely accepted for emergency communications (and regular communications, too) across the United States. In Wisconsin, it is the standard for all ARES/RACES groups, and ensures compatibility whenever switching between rigs or power supplies between units or individuals. The standard arrangement is shown below, with the red lead (~ 12 VDC) on the left when viewing the connectors from the mating ends.

All OZARES members (and ORC members, too) should be using these connectors in the power lines to their rigs. Need more info? Contact Jon (KB9RHZ) or Stan (WB9RQR).



The little white areas that can just be seen inside the two connectors above are actually metal contacts, shown more clearly at the Xs in the end-on view (connectors below are turned upside-down).



SET: The annual statewide Simulated Emergency Test (ARRL) is coming up on Saturday, 7 Oct, between 9:00 a.m. and noon. The scenario was mentioned in the last column. Jon briefed OZARES members at the last meeting (28 Sep), and he will have a report in this column next time.

The bike ride, which OZARES supported with communications on 17 Sep, went very, very well. We received many compliments for our efforts, and have already been asked to cover it next year. Over 385 bikers were involved. Hams working the event were Nancy (KC9FZK), Ed (AA9GT), Paul (KC9JJU), Jon (KB9RHZ), Stan (WB9RQR), Julia (KB9WBQ), Jim (N9WIU) and Tom (AA9XK).

The Public Health Exercise (19 Sep) also went very well, and again we received several thanks and compliments on our service. The following hams and their assignments worked the event. Public Health: Nancy Stecker (KC9FZK), Mike Matthies (WJ9O) and Cindy Douglas (KA9PZG). Justice Center: Tom Ruhlmann (W9IPR), Jack Morrison (N9SFG), Jon Gilmore (KB9RHZ) and Kent Christiansen (N9WH). SMO Hospital: Paul Minerva (KC9JJU) and Stan Kaplan (WB9RQR).

The Mobile Communications Truck is coming along nicely, with Ray (N9PBY) and Stan (WB9RQR) spending most Monday nights wielding wrenches and soldering irons. It now sports three rigs (2 meter, 440 and 220), two computers, many antennas and a neatly labeled patch panel so that rigs and antennas can be easily switched. It even has two little TV receivers (but no external antennas). There are a few more antennas to mount, including a couple on the ~50 foot mast, and the generator is in need of serious work before it will be functional. The vehicle itself needs a new battery, as well, but all that is coming. Right now, the truck is more or less fully functional, so long as "shore power" is available to raise the mast. When the generator is fixed, shore power will be nice but not a requirement for full operation.

Jon was asked by the **National Weather Service** to verify the coordinates of various city centers in the county. Skip Douglas (KA9DDN), Nancy Stecker (K9FZK), Mike Yuhas (KC9GDV), Tom Ruhlmann (W9IPR), Stan Kaplan (WB9RQR) and Tom Nawrot (AA9XK) did the work, correcting the NWS data in a number of cases.

After a huge amount of work, and tweaking over and over again after suggestions by members, Jack Morrison (N9SFG) has produced a **Standard Programming Scheme** for all Emergency Management radios. There is an important, functional significance to this work. If you are working an actual emergency or a training session, whatever radio you are using will have the same frequency assigned to a channel as any other radio. Click to frequency 9 on any county 2-meter radio and it will be 146.820 MHz, NWS Sullivan. Channel 1 is OZARES (147.33 MHz) and Channel 2 is the ORC repeater (146.97 MHz). So on and so forth for all the 82 VHF and UHF channels Jack has brought under the "Standard Programming" arrangement. **Furthermore, all OZARES members are encouraged to program their HTs, mobile rigs and home-based rigs the same way.** It will greatly simplify things during emergencies, as well as lending a degree of security to our communications. If the NCO says to switch to Channel 8, all members will know that OZARES TAC 4 is to be used, and a TV newsroom listener will have

no idea what frequency that might be. Jon distributed sheets with the new scheme via email; if you did not get one, contact him. Great job, Jack!

Another project completed by Jack is a new standard message form that we will be using in the future. It is ICS (Incident Command System) Form 213 that will be used across the nation for emergencies. Jack made local modifications (permitted) to the form to tailor it for our use. Again, distributed by Jon via email.

The Eighth Annual Wisconsin ARES/RACES Conference is scheduled for Saturday, 28 October, at Wisconsin Emergency Management in Madison (10:00 a.m. – 3:30 p.m.). WB9RQR is planning to go – contact him if you want to car pool. Registration is required; \$8 for a box lunch is the only cost. A tour of the new WEM EOC is included, as well as workshops.

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 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!

05 Oct	N9SQA
12 Oct	N9SFG
19 Oct	KB9UKE
26 Oct	MEETING
02 Nov	AA9GT
09 Nov	KB9URH
16 Nov	N9XRU
23 Nov	Thanksgiving! No net.
30 Nov	Meeting

(more, next page)

07 Dec	K9VIN
14 Dec	KB9VHP
21 Dec	AA9W
28 Dec	Season's Greetings! No net.

Minutes– Sept. 13th, 2006

De Nancy Stecker, KC9FZK

The pre-meeting mentoring session at 6:45 p.m. featured information about QSL cards presented by Jim (K9QLP) and Gary (W9XT).

President Tom Ruhlmann (W9IPR) called the business meeting to order at 7:30 p.m. Members and guests introduced themselves and two new members, Ken Boston (W9GA) and Jerry Seitz (KB9ZOW), were welcomed.

Announcements etc: Stan (WB9RQR) displayed a power supply he made from a case obtained at our Ham and Hobby Swapfest. Tom (W9IPR) recently received three QSL cards, including one that took five years to get back to him. Gary (W9XT) talked about the W9DXCC DX conference to be held in Elm Grove IL.

Program: JOTA by Bill Howe III (KA9WRL). Bill has been involved with Jamboree On The Air since 1987 when a small troop of cub scouts met in his basement. Today, scouts of all ages, boys and girls from all over the world participate in JOTA. Bill presented a slide show of previous year's camps and had a tabletop display of scouting memorabilia. This year JOTA will be held on October 21 and 22, and Bill hopes ORC members will join him at Ledge Park near Horicon to demonstrate ham radio.

Fellowship Break: A short break gave members the opportunity to talk and look over the scouting exhibit.

Auction: Stan (WB9RQR) held an auction.

Business Meeting: The chair entertained a motion to accept the minutes as printed in the ORC Newsletter; the motion was made, seconded and passed.

The chair entertained a motion to accept the Treasurer's report as printed and placed on tables for members to examine; the motion was made, seconded and passed.

Repeater Report: The President read the Repeater Report in the absence of Nels (WA9JOB). All three repeaters are working well, however there is a lack of use on the 146.97 MHz. and 443.750 MHz. Repeaters. The 224.18 MHz repeater has a small group of users and they are enjoying the 10 Meter FM link during the summertime band openings. A new two meter receive link for 146.97 has been added at the Grafton Firehouse. We are utilizing a vertical receive antenna and a horizontally polarized transmit antenna to add

good portable coverage to downtown Grafton. This site is a suitable contingency location.

OZARES Report: Stan (WB9RQR) reported on upcoming events: September 17, Wisconsin Bike Ride; September 19, OZARES Public Health Exercise; September 28, OZARES meeting; October 7, Wisconsin Simulated Emergency Test.

Committee Reports:

Scholarship Committee: Ed (AA9W) read from a letter that accompanied a \$1000 donation for the Scholarship Fund from the Stark Foundation. He also announced that the winner of the 2006 Ozaukee Radio Club Scholarship is Matthew T. Weeks (KB9ULU), an 18-year-old resident of Racine who will be starting at Cedarville University. There will be a discussion at the Board meeting on what to do with the monies in the Scholarship Fund now that it has reached the current target amount required to be self-sufficient at a 5% interest rate.

Membership/Elmering Committee: Mark (AB9CD) thanked Jim (K9QLP) and Gary (W9XT) for doing the QSL mentoring sessions and is looking for new topics for future meetings.

Also, if you have an e-mail address and want to be on the re-mailer, get in touch with Nels (WA9JOB).

Youth Committee: Tonight's program was on JOTA. Bill (KA9WRL) would like to see the ORC sponsor a JOTA site next year.

Ham and Hobby Swapfest Committee: Ray (W9BUJ) felt that the Swapfest was a success and that it came very close to breaking even financially. Miscommunications with Circle B created some problems, however he hopes the club will have another fest next year. He thanked all those who helped this year.

Uniform Committee: This committee will report at a later date.

Training Committee: Since the AARL's manual for Technician License has many changes, Tom (W9IPR) will have to re-do the PowerPoint presentations and schedule classes for 2007. Several people have expressed interest in a code class and Tom would like a volunteer to teach code.

Old Business: Gabe (WI9GC) held the drawing for the 50/50 pot. Nancy (KC9FZK) held the winning ticket and the Club Treasury grew by \$10.50. Tom (W9IPR) said letters of thanks have been sent to Mr. Joe Waters of Lazy Days Campgrounds for the use of

the site and to Greg Scheunemann of Exterior Services (the son-in-law of Ed (AA9WW) for the use of the 50 kW generator for Field Days.

New Business: There was no new business

Attendance: Members at the meeting were:

Nancy (KC9FZK), Naomi (KC9GSS), Kate (KB0SIO), Terry (KA9RFM), Herb (WA9UVK), Bob (N9NRK), Leon (K9GCF), Bernie (AA9CI), Jim (K9QLP), John (W9NRG), Tom (W9VBQ), Bill (KA9WRL), Mark (KC9GST), Mark (AB9CD), Roger (W9UVV), Ken (W9GA), Dick (AB0VF), Gary (W9XT), Ray (W9KHH), Jerry (KB9ZOW), Bob (W9LO), Tom (W9IPR), Kent (N9WH), Ed (AA9W), Stan (WB9RQR), Ray (W9BUJ), Gabe (WI9GC), Dave (N9UNR), Julia (KB9WBQ), Gary (WI9M), Ted (N9LLT), and guests Carol (KC9CBC) and Gene (KB9VJP).

Adjournment: The meeting was adjourned at 9:20 p.m.

Nancy Stecker (KC9FZK), Secretary

AGENDA

October 11th, 2006

Elmering Session – Mark Tellier

1. Call to order – Ed Frac (AA9WW)
 2. Introductions – Members - Guests.
 3. Announcements, Bragging Rights, Show & Tell, Upcoming events, Etc.,
 4. Program: Base Station Remote Control – Gregg Lengling – W9DHI
 5. Fellowship Break
 6. Auction.
-
7. Acceptance of Minutes as printed.
 8. Treasurer's report – Tom (AA9XK).
 9. Repeater report – Nels (WA9JOB)
 10. OZARES report – Jon (KB9RHZ).
 11. Committee reports.
Membership –
JOTA – Bill Howe III (KA9WRL)
 12. OLD BUSINESS
 13. NEW BUSINESS
 14. 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, October 11th

7:30 PM