



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

Volume XXVI

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Number 11

## The Prez Sez

By Tom Ruhlmann (W9IPR))

It seems the Citizens Center management has reviewed our contract and noted that we have been undercharged for our meeting room at \$5 per hour (\$10 per evening) rather than the appropriate \$10 per hour (\$20 per evening). Therefore we will have to pay the higher rate in the future. Perhaps this is something the general membership needs to discuss at one of our meetings. I do know that the Cedarburg and Grafton police stations are available at no charge.

We had a great meeting in October with a program on a "home brew" tube type CW transmitter by Andy Eliason (KA9DOL). It demonstrated to the younger members how it used to be while reviving memories from our more mature members.



**Andy Eliason (KA9DOL) and his home brew push-pull oscillator transmitter**

We also had a presentation by Doug Burghardt (N9KG) about the special field day logging soft-

ware he is developing for ORC use. Uniquely, his software may even meet with approval from our CW guys.



**Doug Burghardt (N9KG) demonstrated his field day logging software.**

These presentations followed a mentoring session by Mark Tellier about "Go Kits". It was over by 21:30 and then I had trouble getting some of the group to leave. It was a fun meeting.

Election of new officers will be at our January annual meeting so if you are interested in serving on the Board of Directors or a committee, just contact me or one of the other Nominating Committee members.

It has been a fun month "hamming". I did get the 2 Mtr. & 70-cm. antenna mounted on the EI - AZ rotator system and the whole thing mounted up on the garage roof. With the horizontal polarization it seems to work well on SSB as I checked it out with a group that meet most evenings on 144.210 MHz at 19:00. Now to get a 6 Mtr. Beam mounted on the mast.

Also, I now have HF again in the truck. I designed a special mount and fabricated it at Mark Potash's shop and it is working well. Fortunately there were a couple of secure mounting points available on the Yukon to mount the bracket for the spring base whip. With the "706" on 20 I was able to work MD and CA so I guess it is working OK. I will provide an article on the installation later.

The JOTA event was a good time. It was interesting to see how the LAFROG towers and antenna erect and to use some of the latest ICOM equipment. While this has been primarily a LAFROG sponsored event for the BSA there were some ORC members there helping out as well. The Boy Scout participation was below expectation but this was the first time at Pioneer Village and there were a few kinks to work out. It is really a great place for the event with use of the barn and railroad station to set up operating stations and even computer training programs for the scouts.

I had looked forward to the MRC swapfest at the Elk's Club on Nov. 3<sup>rd</sup> and was able to attend. I thought it was a great central location however, there was another event there as well and as a result it detracted from the swapfest. It seemed to me that they had plenty of buyers but too little space and too few vendors. It was very crowded but I did find a treasure. I was looking for three antenna switches to switch between my VHF/UHF beams and the duplexer and found them almost immediately as I walked in the door. For me it was a good day.

I enjoy going to the area swapfest and while looking for treasurers, handing out ORC Swapfest flyers. Bill Howe (KA9WRL) goes to even more of the events than I do. As a result, so far we have had our ORC May 3<sup>rd</sup> flyers at the ORC Fireman's Park swapfest, AES, MRC Swapfest, Baraboo Swapfest, Peoria Swapfest and most recently, the Appleton Swapfest.

There are a couple of things that have been causing me concern. I am concerned about the limited use of the ORC repeaters and especially the participation in the Tuesday night net. The past two weeks there have been no check-ins to the net and during the past several months it

has not been uncommon for there to be only 1, 2, or 3 check-ins. Perhaps we have forgotten when the ORC Informal Net meets. It meets at 20:00 on Tuesday evenings on 146.97 MHz. Perhaps the low participation is due to there being no specific topic or format. Perhaps it's due to a lack of consistent leadership – perhaps that's where you come in.

The second thing that is starting to concern me is the lack of project write-up's, personal interest and technical articles being submitted for publication in the newsletter. We learn from each other so do be the one to share your experiences and expertise. We all want to hear about your HAM experiences and learn from your successes and near successes.

We have a board meeting coming up on Nov. 13<sup>th</sup> at my house and you are welcome if you wish to come. The topics will include purchase of a hidden transmitter, safety vests and a new fiscal policy.

Well that's about it for now. I am looking forward to repairing the mower deck so I can finish vacuuming the leaves and getting a 6-meter beam installed before the snow flies.

73's – Get involved and have some fun.

## Contesting

De Bob Truscott (W9LO)

The November CW Sweepstakes Contest is over. And so is my QRP experiment. My goal was to find out how well a 5 watt rig would perform in a very competitive 24 hour contest against the many 100 watt and 1,500 watt stations which dominate it. It was an interesting challenge and I worked very hard at it for 23 hours. (It would have been 24 hours if the Packers hadn't been playing Sunday afternoon, but that wouldn't have made the outcome any better.) My conclusion was that when band conditions were good the 5 watt'er performed like a 100 watt'er, and when conditions were bad it performed like, well, like a 5 watt'er in poor band conditions. There were times when I got the rate meter up above 50 Qs/hour and was able to sustain that rate for perhaps 30 minutes

at a time, but there were more times when the meter dipped much lower. I had only 10 Qs in the last hour of the contest, up from 2 for the previous hour. And I might add that the “big boppers” were rolling right along during that time, but none of them could hear me calling them.

Will I do it again? Probably not in Sweepstakes, but possibly in a shorter contest, perhaps the Wisconsin QSO Party next March. I’d feel good about trying it in that party if the skip is short on 40 & 80 meters, but that will be a last minute decision. That extra QRP power multiplier just might make it worth while.

Reported Scores:

W9LO 395 Qs, 72 Sections=56,880.  
W9KHH 213 Qs, 66 Sections=14,058

Coming up in November:

**Nov. 17-19** ARRL November Sweepstakes-SSB Rules in Nov. QST, page 101

**Nov. 24-25** CQ WW DX Contest Rules in Oct. QST, page 91, or [www.cqww.com](http://www.cqww.com).

**Nov. 30-Dec.2** ARRL 160 Meter Contest (CW only.) Rules in Nov.. QST, page 102.

**Dec. 8-9** ARRL 10 Meter Contest–CW & Phone Rules in Nov. QST, page102.

Have fun contesting. Bob, W9LO

## I HAD A TOOTH ACHE

De Bob Truscott (W9LO)

I was early for my dental appointment the other day—I must have been, because everyone knows that medical type people are never late. So to kill a little time I picked up a copy of the Guinness Book of Records, and browsed for a while. I found THE HIGHEST SPEED TO TRANSMIT MORSE CODE. It said “On May 6, 2003, Andrei Bindasov (Belarus) successfully transmitted 216 Morse code marks of mixed text in one minute.” That’s pretty impressive, that is, until you convert it to WPM. It converts to 43.2 WPM, which is not nearly so impressive. I know some hams who think they can do it, but prove they cannot when you record it and ask them to

copy it when you play it back. It reminds me of a guest operator we had at Field Day back about 25 years ago—he said he could send 25 WPM with a hand key, and he did, but nobody could copy him, so he wasn’t able to work any stations. So if Andrei really did that he’s a great operator. Most people’s sending speed is at least 10 WPM slower than they think it is—just ask the folks who try to copy them. By the way, QRZ.com lists Andrei’s call as EU7KI.

An interesting aside—a few days after I read about Andrei in the Guinness Book, I saw Jon Gilmore at last month’s club meeting. He said he had read the same story in the Milwaukee Journal recently. I wonder what prompted them to run it?

## New Members

One of our newer members is Mark Denis, N9ZF, and he comes to us with an extensive background in RF engineering.



**Mark Denis, N9ZF**

Mark’s interest in HAM radio goes back to his days living in the Panama Canal Zone where his father was Civil Service employee. While in high school in the Canal Zone Mark discovered a series of electronics books in the local library and

a “blue jacket” book of his brothers that contained a copy of the Morse code. After reading the books, and encouraged by a couple of local hams, he took the 1 hour train ride from the Atlantic end of the canal where he lived to the Pacific end to take his Novice FCC exam

In Panama Mark held the call of KZ5YMN and operated a DX-60 and a Yaesu to wire antenna and a Telrex beam mounted on a 40” iron beam stuck in the ground. He also operated a vintage “green beret” transmitter that operated 100 watts with a “6146” final and an antenna tuner that could tune a wet noodle assuming it was wet with salt water.

Mark’s family moved from Panama to Oconto WI in 1973 between his junior and senior years in high school. There he met Joan who eventually became his wife. Upon coming to “9” land his call was reissued as WN9LGD. Upon high school graduation he attended Michigan Tech in Houghton MI where he earned his degree in Electrical Engineering with a major in microwaves. During his collage years Mark let his license lapse but his interest was later rekindled and he earned his “Extra” FCC license. His current call is N9ZF.

Mark worked for Texas Instruments in Dallas on a number of military programs and then in a radar group at Honeywell. This was followed by stints at FMC, National Semiconductor and a Manufacturing Representatives Firm. He then returned to “RF” as an RF engineering consultant for 10 years and is currently with the local engineering firm of LS Research as an RF engineer.

Although Mark works in Cedarburg during the week his home is on 5 acres in Lena WI which is 40 miles north of Green Bay. The acreage provides Mark with space for a variety of antenna and dreams for a “competitive” antenna farm. His current operating rigs are an FT2000 and an FT857. He claims to be a “Yaesu” man and also has several vintage Yaesu rigs. He is also a member of the GMDXA (Greater Milwaukee DX Association) and plans on joining the Badger Contesters.

Mark, welcome to the Ozaukee Radio Club.

## Motorola buys Yaesu

*Motorola USA has announced its intention to launch a tender offer to acquire a controlling interest in Vertex Standard Co, Ltd. Vertex Standard is the parent company of Yaesu. Motorola will own 80 percent of Vertex Standard; Tokogiken, a privately held Japanese company, controlled by current president and CEO of Vertex Standard Jun Hasegawa, will retain 20 percent, forming a joint venture. The total purchase price for 80 percent of the outstanding shares on a fully diluted basis will be approximately US \$108 million.*

*(Extracted from an ARRL newsletter)*

## November 14th Meeting

The mentor session will be a high level presentation about the Smith Chart by Mark Tellier. So what’s a Smith Chart? Come and find out.

Join us at our November membership meeting when Tom Macon, K9BTQ, presents an informative discussion of Software Defined Radio technology. The focal point is a demo of the KB9YIG's \$14 SoftRock 40 receiver kit and VE3NEA's Rocky SDR program running on a PC.

## Election of Officers

Election of officers will be at our Annual Meeting in January. The Nominating Committee is comprised of Tom Ruhlmann (W9IPR) the retiring president, Ed Rate (AA9W) ORC Trustee and Vic Schier (KB9UKE) past president.

The Nominating Committee shall solicit qualified candidates and accept nominations for the relevant Board positions and shall publish this list of candidates to the membership no less than 14 days prior to the annual meeting elections. To be eligible, candidates may not be on the Nominating Committee, must be full or family members and must have agreed to their nomination.

If you are interested in serving on the Board of

Directors, contact one of the nominating committee members. Nominations from the floor at the annual meeting will also be accepted.

## JOTA

De Bill Howe, KA9WRL

It was the best of times, it was the worst of times; it was the age of wisdom, it was the age of foolishness; it was the epoch of belief, it was the epoch of incredulity; it was the season of Light, it was the season of Darkness; it was the spring of hope, it was the winter of despair; we had everything before us, we had nothing before us; we were all going directly to Heaven, we were all going the other way."

Thanks to Charles Dickens, his description of J.O.T.A. was right on the money! The Jamboree On The Air outing at Pioneer Village had its ups and downs, all right.



**Pioneer Village was really a great location for JOTA with its indoor operations and space for antenna etc.**

On the plus side, the state-of-the-art ICOM equipment performed flawlessly, thanks to Rick Waedekin, N9PMR for the loan of the IC-7800, the IC-756 Pro II and the IC-7000, the weather was warm for this time of year, operating inside of the buildings was something we had not had the pleasure of doing for many years for J.O.T.A., the food was great, thanks to Steve, WB9UEN and Ed, AA9WW, The Cub Scout Pack turnout was outstanding and the number of operators exceeded past years, which was

truly a pleasure! Also, members of the Northern Cross Scientific Foundation brought some very large telescopes Saturday evening and we saw some impressive heavenly bodies, for sure. Mike, N9EAX and Loren, N9ENR brought some nice telescopes as well, which really added variety to the experience.



**Tom Nawrot (AA9XL) helps a new amateur with the operation of a "top of the line" ICOM 7800**

On the minus side, Friday evening's wind made erecting of the towers a real challenge, the Boy Scout Troop turnout was disappointing, we had no inside bathroom facility and the water was turned off a week before the event.



**Here Tom Murtaugh (W9VBQ) familiarizes a scout with Morse code and 40 meter operation using an ICOM "super pro III".**

Apparently, the word had not gotten out, completely, at the various Scout Roundtable's about the change in venue for this year! This will NOT happen next year, as I have already done a write-up for the Bay Lakes, Potawatomi and Milwaukee Councils. I may even distribute that information to a few of the other Councils to the North.



**Steve Pierce (NC5B) and Chairman Bill Howe (KA9WRL) also took advantage of the opportunity to demonstrate the IC-7800**



**The "tear-down crew" interrupted their efforts for a few moments to pose with the tower they were about to tear down.**

Don't get me wrong, we still had a lot of fun and about a half-dozen Boy Scout Merit Badges (for

Radio) were completed, along with several Cub Scout Communication awards. Over 60 Cubs were camped below the hill at the H.H. Peters Youth facility for the weekend. For some reason, they were unaware of the J.O.T.A. outing, so we drove down there and invited them up for the day!

Loren also provided the opportunity to learn all about computers and basic programming, while both Loren and Tom, W9VBQ helped several boys with the familiarization of the Morse Code.

We've been invited back to Pioneer Village next year and with more effective Public Relations, I'm sure it will be much better attended by the Scout community from all the Councils in South-east Wisconsin.

## Tips, Tails & Tools

This is very cool. Impress your friends and relatives! Wall paper your shack!  
<http://www.ae7q.net/Generate.html>  
73, Dean --> K3GGN

## For Sale, Trade or ?

FREE TOWER: 48-foot aluminum self-supporting tower in Brown Deer, looking for a new home where it will be used. Free to any ham who will help take it down. Call Howard Klitgaard, WB9FNI at (414) 354-4857.

Mirage/KLM 15M-4 fifteen meter 4 element monobander antenna – Contact Ed Rate (AA9W)

Mirage/KLM 20M-5 twenty meter 5 element monobander beam antenna – 42 ft. Boom - Contact Ed Rate (AA9W)

Cushcraft 15 meter beam (we think) with damaged boom – for parts and tubing - Contact Ed Rate (AA9W)

Vacuum tubes – all types - Contact Ed Rate (AA9W)

Rider Manuals and Sam's Photofax – vintage radio & TV schematics – in 4 ea. 4 dwr. filing cabinets - Contact Ed Rate (AA9W)

## Upcoming Events

Lynn May of the Grafton Chamber of Commerce has again invited us to assist them with the Christmas Parade. It will be on Saturday, November 24, at 9 AM. We should meet in St. Paul's Church Parking Lot. We will need 8 to 10 members to assist in the parade line up and communicate the unit progress. It's a good time. We will have sign up at the Nov. Meeting. If you cannot make the meeting and wish to help, contact Jim Albrinck (K9QLP).

### November

- 3<sup>rd</sup> – 5<sup>th</sup> ARRL November CW Sweepstakes
- 3<sup>rd</sup> MRC Swapfest @ Elks Club in Milwaukee
- 13<sup>th</sup> Board Meeting
- 14<sup>th</sup> **Membership Meeting**
- 17<sup>th</sup>–19<sup>th</sup> November Phone Sweepstakes
- 30<sup>th</sup> ARRL 160 Meter SSB contest
- 24<sup>th</sup> **Christmas Parade - Grafton**

### December

- 1<sup>st</sup>- 2<sup>nd</sup> ARRL 160 Meter Contest
- 8<sup>th</sup>- 9<sup>th</sup> ARRL 10 Meter Contest
- 12<sup>th</sup> **Membership Meeting**

## All's Well in Roswell

De Nels Harvey (WA9JOB)

As some of you know, I do a fair amount of traveling as Field Engineer for Evans Associates, in Thiensville, WI. This has taken me to some very interesting places, to do some very interesting jobs! From time to time, I will single out one place, and try to impart a feel for where it is that I've gone.

I recently made a couple of trips to Roswell, NM, where a new cell tower was installed, near a radio station. Adjustments needed to be done to prevent interference to the station.

Now, Roswell is famous for an apparent flying saucer crash in 1947. Actually, the alleged crash occurred about 65 miles away in the desert, but the lore centers around Roswell because it is the nearest significant city. Roswell is pretty much in the center of a triangle of El Paso, TX to the south, Albuquerque to the northwest, and Lubbock, TX to the northeast.

In Roswell there are a couple of UFO museums that prey on the tourist dollars. I had been there on a vacation trip a few years ago, so I didn't bother to go to a museum on this trip. The one Joyce and I attended years ago was notable for a diorama of a space alien, and inside were numerous copies of newspaper articles posted on the walls, supposedly supporting the crash. There are some variety stores near the museum, and I did purchase some trinkets for my grandchildren.

The airplane connections to Roswell were rather few, so I flew into Albuquerque, and drove the 200 miles to Roswell. The first trip to Roswell was on a very windy day, and after turning off of Interstate 40 to four lane divided US highway 285, there was virtually no traffic, but there were millions of tumbleweeds blowing across the highway, all the way from Interstate 40 into Roswell. As I reached town, I saw the branches had broken off, causing mounds of tiny twigs being caught by fences, and piling up like snowdrifts! The twigs really looked like brown snowdrifts. People were raking up the twigs like we rake leaves in the Fall.

Roswell was, and is, a quiet desert town, serving as the center of the region's cattle commerce. The surrounding area is rangeland. Today, the range is mostly fenced in, with gates, or cattle grates to prevent the cattle from wandering out on the roadways and open land. Once out of the city itself, the vast open west is quite apparent. At one location, I had to drive around some cattle to get to the required measuring point!

I was informed that parts of Roswell were rather rough and tumble. There are quite a few Mexican Americans and Indian Americans in the south part of Roswell. I was told that weekend nights can be pretty wild. The first hotel I

stayed in was a workingman's Hotel. The customary morning breakfast was in the cramped lobby, with standing room only. The clientele was comprised of a swarthy group of Mexican American workers. The next trip I made sure that I stayed at a little better hotel.

I try to determine the quality of life wherever I travel. I'm sure that the people of Roswell think it is a good place to live. After tracking the weather, I'm not sure I'm interested in the blistering hot, dry summers, and the dust and dirt that blows across the desert most any time of the year. Oh yes, they can get snow in the winter. They are almost a mile high out there in the high dessert! Nobody needs to shovel if they don't want to however, because it all melts as soon as the wind changes!

Roswell is an interesting city, miles away from just about anything! Mountains on the horizon appear closer than the true 65 to 70 miles that they really are thanks to the clear desert air. To a certain extent, Roswell is just an old west cow town that developed into a city that retains its roots, and yet shows off modern amenities found in cosmopolitan America.

The



Column

By Stan Kaplan (WB9RQR), Column Editor

**ARES/RACES CONFERENCE:** The annual statewide meeting was held Saturday and Sunday, 27/28 October, in Neenah at the Kimberly-Clark Conference Center (a very nice facility). Stan Kaplan (WB9RQR), Nancy Stecker (KC9FZK) and Bill Stolte (N9VBJ) represented Ozaukee County. The morning sessions covered *Statewide Objectives* (Bill Niemuth, KB9ENO, SEC) and *Tweaking Your Activation Plan* (Joe Senulis, N9TWA, ASEC for WEM), followed by lunch and a simultaneous keynote speech by Dennis Dura, K2DCD, ARRL Emergency Preparedness and Response Manager. After lunch there was a presentation on *Writing and Updating Your Emergency Response Plan* by Skip Sharpe (W9REL, ASEC for Training), followed by three concurrent workshops: 1.

*Digital Technology*, (Jim Markstrom, KB9MMA, EC for Racine County), *Flooding Activation and What We Learned* (Dave Owen, N9TUU, AEC for Vernon County), and *E-Sponder – Our Information Portal* (Gary Payne, N9VE, DEC for SE WI). Sunday's program started with *How To Be A More Effective Leader*, by Bill Niemuth, followed by an *EmComm Show and Tell* session hosted by Pete Johnson, AB9PJ, NE WI DEC. After that was an *Open Forum* spanning lunch-time, followed by a mini-swapfest where attendees could trade, buy or sell EmComm equipment. Bill Niemuth closed the conference at 2:00 p.m.

This was the first time the conference spanned two days, which made for a more leisurely, less hectic, schedule. It was an excellent program with lots of time for networking and sharing ideas. By the way, this was the 9<sup>th</sup> Annual conference. Did you know that our own Dave Barrow was responsible for the very first one? Yep, he suggested it to me when I was ARES SEC and Chief RACES Radio Officer; Dave was EC for Ozaukee County at that time. We tried it and it was a resounding success, with 70 attendees. This year's conference had over 100. It is open to anyone, though most of those attending are ARES/RACES DECs, ECs, AECs, and regular members or county Emergency Managers.

**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](http://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, and keep the net manager (WB9RQR) informed of confirmed trades. Guests are welcome after the OZARES check-ins are complete, *most especially ORC members!*

01 Nov	N9XRU
08 Nov	KC9FZK
15 Nov	W9BTN
22 Nov	No net; Thanksgiving
29 Nov	Meeting
06 Dec	KA9DDN
13 Dec	K9DXT

20 Dec WB9RQR  
27 Dec (No net today and no meeting  
this month; Season's Greetings!)

## Minutes– Oct 10<sup>th</sup>, 2007

De Nancy Stecker, KC9FZK

President Tom Ruhlmann (W9IPR) called the meeting of the Ozaukee Radio Club to order at 7:30 p.m. Members and guests introduced themselves.

**Announcements, Show and tell Etc.:** Doug (N9KG) talked about a new Field Day logging system he is working on and demonstrated it in New Business.

Dave (N9UNR) spoke about the Ozaukee County budget.

Bill (KA9WRL) reminded members about JOTA coming up.

John (W9NRG) has a gin pole he will lend out if needed.

Tom (W9IPR) passed around the Wisconsin QSO Party first place plaque. He also displayed the third place award for the Lighthouse Activation project that club members participated in.

The President noted the upcoming MRC Swapfest on Nov. 3 and the 160-meter ARRL on Nov. 30.

### **Program: Andy Eliason (KA9DOL) – Home Brew:**

Andy (KA9DOL) called his presentation "Revisiting the Push Pull Vacuum Tube Crystal Oscillator". He showed schematics for several different types of vacuum tube oscillators and brought the 2-tube transmitter he adapted from plans found online and then made.

**Fellowship Break:** Members used this time to get a closer look at the "home brew" brought by this evening's guest.

**Auction:** Stan (WB9RQR) held an auction.

**Acceptance of Minutes:** The chair entertained a motion to approve the minutes of the September meeting as printed in the October ORC newsletter. Mike (AB9ON) made the motion, Gabe (WI9GC) seconded the motion; the motion passed.

**Treasurer's Report:** Nels (WA9JOB) said there was a little excitement with the account when it was overdrawn, but the problem with a lost check was rectified with the bank and no penalties were charged to the ORC. Members had an opportunity to look over the treasurer's figures and Gabe (WI9GC) made

a motion to accept the treasurer's report. Stan (WB9RQR) seconded the motion, the motion passed.

Joe (KA9DFZ) was this month's 50/50 winner. Dave (N9UNR) will take over the 50/50 drawing while Gabe (WI9GC) is out of town. Nels later stated that the 50/50 drawings had added \$268.50 to the club's treasury since it's inception.

### **Committee Reports:**

**Youth Program:** Bill (KA9WRL) reminded members of the JOTA coming up October 19, 20 and 21. They have had good publicity and expect a large turnout. He encouraged hams to come out to Pioneer Village and join the activities.

**Contests:** There will be a SS CW contest on November 3 and 4, 2007.

**Swapfest:** Tom (W9IPR) said a possible date for the Outdoor Swapfest would be September 13, 2008.

**Old Business:** None

### **New Business:**

**Good of the Order:** Doug (N9KG) demonstrated software he has written for logging CW contacts at individual stations for field day.

**Attendance:** Twenty-eight members and five guests attended the meeting: Members John KB9RHZ, Stan WB9RQR, Dave N9UNR, Gabe WI9GC, Nels WA9JOB, Jerry W9GGR, Mike AB9ON, Herb WA9UVK, Nancy KC9FZK, Ron W9BCK, Bob W9LO, Doug N9KG, Gary W9XT, Mike N9JIY, Joe KA9DFZ, Roger W9UVV, Ray W9KHH, Tim KA9EAK, Mark AB9CD, Mark KC9GST, Ed AA9WW, Kate KB0SIO, Dick AB0VF, Bill KA9WRL, Kent N9WH, Muhammad KC9CPC, Tom AA9XK, Tom W9IPR and guests Frank Emery KC9LMU, Audrey Emery KC9LMV, Dominic Boppre, Joe Stauber KC9MEE, and Andy Eliason KA9DOL.

**Adjournment:** The meeting was adjourned at 9:30p.m.

## **AGENDA**

*November 14th, 2007*

1. Call to order – Tom (W9IPR)
2. Introductions.
3. Announcements, Bragging Rights, Show & Tell, Upcoming events, Etc.,
4. Program: Tom Macon, K9BTQ, and Software Defined Radio
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.  
Grafton Christmas Parade – Jim Albrinck (K9QLP)  
Youth Program – JOTA – Bill Howe (KA9WRL)  
- Opportunity Days @ Parkview  
Swapfest Approvals - Tom Ruhlmann (W9IPR)  
Elections - Tom Ruhlmann (W9IPR)  
Board Meeting Rpt. – Tom Ruhlmann (W9IPR)
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, Nov. 14th**

**7:30 PM**