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 XXV November 2006 Number 11

The Prez Sez

By Tom Ruhlmann (W9IPR))

It has been an eventful month in my absence. I missed being a part of JOTA and it looks like the scouts and adults had a great time even if they were a bit cold. Great job by Bill Howe III (KA9WRL) and group. I hope we can continue and expand on this event. How about organizing an "Electricity" merit badge program for the scouts? It would be great to have a 3 year series of merit badge seminars (electricity, electronics and communications) combined with JOTA projects.

I did get some hamming done this month. I went over to Fred Helmstetters (N9FH) to help with the raising of a tri-bander to the top of one of his Towers. Doug (W9VA), Ted (N9LLT), Gary (W9XT) and of course Fred were all there and what a show. These guys really knew what they were doing. Fred and Doug had created a trolley cable between a tree and the mast on top. The antenna was hoisted along the trolley cable without incident and then attached by Doug at the 90 ft. Level. A real professional job.

Don't forget elections are held at the January meeting. Past President Vic Shier (KB9UKE) is chairman of the nominating committee so contact him if you are interested in serving on the Board of Directors.

Also, remember our Elmer sessions at 18:45 before the meeting.

Get involved, have some fun. Tom, W9IPR

2006 Field Day Results

De Bob Truscott (W9LO)

The 2006 Field Day results are out, and as usual we did very well. In the 5-transmitter category ORC placed #1 in the Central Division, and #3 nationwide, out of a total of 74 entries, and we were #11 nationwide in all categories combined, out of a total of 1,880 entries. We increased our total number of contacts over last year by 619, but that was not enough to advance us in 5A. We were 498 contacts behind W4CA, the 2nd place winner, and 1,693 behind K1IR, the top dog. Those differences represent a pretty steep hill for us to climb if we are to advance in the standings next year, so we need to start thinking of ways to get it done. And having said that let me add congratulations to everyone involved in this year's effort. You should all be proud. Not only do we score well, but we also do a pretty good job of partying in the process.

The CW November Sweepstakes will probably be over by the time most of you read this, but the SSB weekend is still ahead—Nov. 18-19. It's one of the better phone contests of the year, an opportunity for the serious phone ops to run amuck, and for the casual contesters to have an hour or 2 or 3 or 4 or??? of fun without missing the Packers game. Think of it as a warm-up for the Wisconsin QSO Party and Field Day. Please send me you score so that we can publish them in the Dec. newsletter (tbsi@hnet.net)

Coming up in Nov:

Nov. 4-5 ARRL November Sweepstakes–CW Rules in Nov. QST, page 104 or www.arrl.org/contests.

Nov. 18-19 ARRL November Sweepstakes–SSB Rules (See above)

Nov. 24-26 (Local time) CQ WW DX Contest–CW Rules in Oct. QST, page 102, or www.cqww.com

Dec. 1-3 ARRL 160 Meter Contest–CW Rules in Nov. QST, page105

Dec. 8-10 (Local time) ARRL 10-Meter Contest----CW/SSB Rules in Nov. QST, page 105.

Have fun contesting. Bob, W9LO

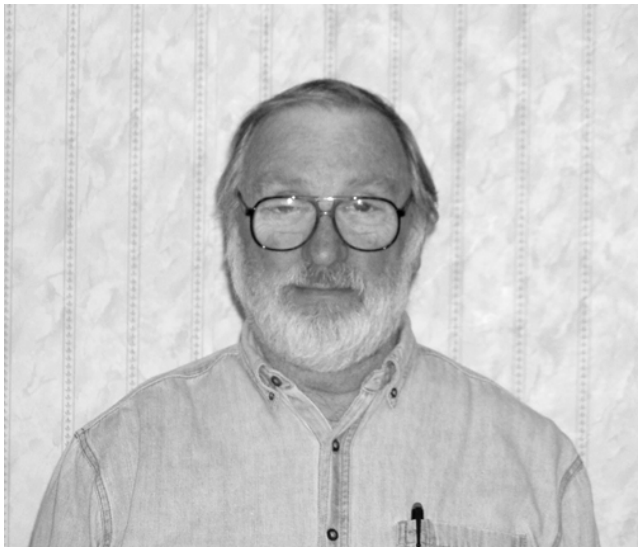
VUCC Awards

De Keith Shilhavy, KY9P

Congratulations to Duane Meyer, KX9N of Milwaukee, WI who upgraded his 6 meter VUCC from the basic 100 grids to the 250 grid endorsement. From his basic award in 1986 until the present endorsement, all of his 6-meter activity has been conducted using wire antennas. You do not need a "premier state-of-the-art" setup to get these awards. Let's see some activity from ORC!!!

New Members

Tom Murtaugh (W9VBQ) has been a HAM since his days at St. Johns Cathedral High School in Milwaukee. He got his Novice ticket in September of 1952.



It seems that Tom and a neighbor friend had crystal sets and they started to copy W9BSR occasionally. They persisted and finally tracked him down in the neighborhood and Tom had found his "Elmer". Next Tom and his neighbor strung a twisted pair between their homes and started to learn the code by keying a train transformer to a buzzer – primitive but it worked. Tom then joined the Milwaukee Amateur Radio Club (MARC) and progressed through the ranks of HAM radio.

His original receiver was an old broadcast radio with short wave bands. Because it looked like a broadcast radio rather than a HAM receiver he removed it from the cabinet and placed it in a cardboard box and re-labeled all the controls. His first transmitter? It was a crystal controlled 6V6 tube with hand wound coils mounted on a wood chassis. Straight from the ARRL Handbook.

Following High School Tom was drafted into the Army in 1958. He served as a RTTY operator in Germany and held the German call of DL4CD. It was here that he ran the MARS station and handled messages home before the days of the cell phone and Internet. During this period he was operating BC610 transmitters and Collins receivers – the ultimate of their day.

After his military service Tom went to Milwaukee Institute of Technology and earned his Broadcasting certificate. This led him to stints at Milwaukee channels 4 and 12 and tours in Wichita KS and to California with COX Cable. He returned to Milwaukee in 1986 working freelance in the field of TV programming and production and has since retired to his favorite other hobby, photography. When not on the air, you will find Tom enjoying himself at his Singing Hills Photography Studio.

Currently Tom's station consists of an FT1000-MK-V transceiver, AL811 amplifier and Nye Viking Tuner. His antennas include a 20-meter mono-bander at 50 ft. And a 40-meter extended double Zepp. In addition to being a member of ORC Tom has been VP of the LAFROG group since its inception.

Proposed Morse Code Training

Tom Murtaugh,W9VBQ

We are in the process of putting together a Morse code training course. There are three

groups of people that should be interested in learning or improving their code skills:

1. Those that don't have any knowledge of Morse code and have to learn all the letters and numbers.

2. Those that want to improve their code skills in order to upgrade their ham ticket by being able to copy enough of a ham QSO to successfully answer questions about it.

3. Those that hope that the FCC will drop the code requirement entirely.

The training of the first group, those that have no knowledge of the code, would be much different than those that were just trying to improve enough to pass the upgrade test. For example, "This is the letter A" as opposed to "This is a QSO, take notes and answer the following questions."

It would be great if we could conduct the course on the 443.750 club repeater. That will depend on those wanting the training having the equipment to hear that repeater or group together with someone that does have the gear to copy the 443.750 repeater.

We think that the training for the two groups would be on same night but at different times. For example, we would run the "learning letters and numbers" group from 7:30pm to 8:00pm. Then run the "QSO" group from 8:30pm to 9:00pm. This will allow the course hams to check into the 146.97' net and the "letter/numbers" can listen to the "QSO" group and try to pick out the characters that they learned in the earlier section.

We were encouraged when we conducted a code class with three boy scouts at the JOTA event in late October. In just a half-hour each scout learned how to copy and send not only his own name but the names of the other two boys as well.

We are looking for those that would be interested in learning the code, or trying to improve their code skills in order to pass the test, even those that think that the FCC will drop the requirement, are welcome to contact me, Tom Murtaugh,W9VBQ at w9vbq@worldnet.att.net or Bill Howe, KA9WRL at whowe@wi.rr.com .

J.O.T.A./J.O.T.I. 2006

by Bill Howe, KA9WRL

It was the best of times, it was the worst of times (with apologies to Charles Dickens)…
I'm, of course, referring to this year's Jamboree On The Air!

It was one of the best J.O.T.A.'s the LeFrog club was involved with since 1987, due in part to extensive Public Relations, the Ozaukee Radio Club's participation and ICOM's equipment, handouts and manpower support.

Bill (KA9WRL) leading a scout to a new contact.

The day before the event, after checking the weather forecast, phone calls flew back and forth discussing a cutback on set-up and equipment. Cold weather, rain and snow may make for "ideal antenna installations", but when you have to travel to Horicon to set up on Friday and rip everything down on Sunday (leaving just Saturday for operation), you really don't need obstacles, or icicles!

Restricting to just one 30' tower with a Cushcraft A4S and a fiberglass mast sporting a little 2.4GHZ beam, we were on the air with all of the tents set up and heaters on full power by 8:30

Friday evening…which is quite a bit earlier than we've ever done in the past. We later added a dual band VHF/UHF beam in the rafters of the open shelter. We also covered half the shelter with tarps to keep the cold and wind to a minimum. Involved in the setup with me were Tom (W9VBQ), Loren (N9ENR), Steve (WB9UEN), Eddie (N9SAQ), Mary (KB9QFK), Tim (KA9EAK) and his son, Dominic, who did all the knot tying for us.

Hay, this sideband is fun!

Friday evening and all day Saturday we had more operators, equipment and interesting demos provided by Greg (K9ZZZ), Jim (K9UGD), Rick (N9PMR), Gregg (W9DHI), Leon (K9GCF), Jim (KA4UPW), Dan (N9ASA) and Mike (KC9GDV). My apologies to anyone I might have forgotten.

We worked several stateside stations and some islands on HF, but the emphasis of the Jamboree this year was J.O.T.I. (Jamboree On The Internet)! With that in mind, and the help of Rick (N9PMR), and Steve (WB9UEN) the Scouts were able to pick and choose what DX countries they wanted to talk to via Echolink and IRLP modes. And talk they did. We couldn't pull them away from the computers!

Leon (K9GCF) managed to pull off two Fox Hunts IN THE RAIN…and the Scouts loved every minute of it. They were bragging about finding the Fox, despite the lousy weather. After all, they ARE Scouts.

I was also able to sign off on some Radio and Electronics Merit Badges during the event and Tom (W9VBQ), with the help of Loren (N9ENR) teamed up to teach some of the boys a Morse Code class.

We woke up to one operating tent and one personal tent collapsed under heavy snowfall Sunday morning, but that didn't deter the Scouts or us. Rick (N9PMR) set up the laptop, radio and antenna in the rafters for more J.O.T.I. QSO's for the boys.

Burrrrrrrrrrrrrrrr!

Did I say "boys"? We had a good turnout of Girl Scouts and Brownies as well! Although they didn't camp at Horicon Ledge this year, the girls came out to get a taste of Ham Radio and provide us with the opportunity to take pictures for the National Scout Office report.

Like I said, it was the worst of times because of the cold, wind and snow, but the BEST of times because we overcame the weather and enjoyed another great year of Jamboree On The Air!

Bill, KA9WRL

For Sale, Trade or ?

The club received a donation of a 20-meter mono-bander from N9FH. It has a 42' boom. Great for contesting. Contact Ed Rate (AA9W) for a fair price.

Club Static

Joe Holly (AA9HR) had surgery in October and will be out of action for 6-8 weeks. I am sure he would appreciate a call.

For those of you that didn't take notes last meeting (or perhaps weren't there) here is the Forum website for Ham Radio Deluxe. http://forums.ham-radio. ch

Upcoming Events

D-Star Program
The November Club meeting will feature a presentation on D-STAR by Mark Thompson, WB9QZB. D-STAR is a digital protocol developed by the Japanese government and Japanese Amateur Radio League. Icom is the first manufacturer to manufacture D-STAR-compatible radios, although the protocol is open to anyone. D-STAR enables simultaneous digital voice and data transmission. D-STAR repeaters are connected via the Internet, which enables worldwide connections across the D-STAR network. Imagine having a broadband Internet connection via your mobile rig. Among the many possible applications, D-STAR promises enhanced emergency communication handling - the efficiency of simultaneous voice and data communications, as well as graphic and other large file transfers that are difficult or impossible with current packet technology. Mark, WB9QZB, will present the D-STAR system in detail, with an update on Icom technology, the radios currently available that support D-STAR, and what is in development. Bring a friend! If you can't make the meeting visit the Illinois Digital Ham Yahoo Group for more information about D-STAR:

Grafton Christmas Parade
Mike Donohue is asking the ORC to assist them again this year in staging the Grafton Christmas Parade on Saturday, November 25, at 11 AM in Grafton. Again, we are asked to meet the parade crew in St. Paul's parking lot at around 9:15 AM. Mike will not be there this year, but a former Parade Chairman who heads up Grafton State Bank will take Mike's place. We will need 6 or 7 Operators with a couple of standbys.
Jim K9QLP

EARLY AES SUPERFEST INFO
AES Milwaukee - Friday March 30 (2:30-7:00 p.m.) and Saturday March 31 (8:30 a.m.-3:00 p.m.)

Our 50th Anniversary Celebration!
FREE ADMISSION
Ham Manufacturer Displays & Demos
Informational Forums
The Gordon West Show and Book Signing
Many Area Clubs & Organizations
Awesome Prize Drawings
VE Testing 9:00-11:30 a.m.
Fox Hunt (with Prizes)
Specials & Coupons
FREE Popcorn & Soda
Food for Purchase (Boy Scouts)
Plenty of Parking
ARRL Sanctioned

More info: Call Ray Grenier, K9KHW at 414-375-1162 or e-mail rayk9khw@aesham. com

The Lampshade Discone

-by Stan Kaplan, WB9RQR

The other day, I was about to throw out an old, worn out lampshade. When I looked at the shape and construction, an idea bubbled up to the surface of my consciousness. It seemed perfect for a 2-meter discone antenna.

The discone is a neat antenna, especially because it is so broad-banded, as we shall see. The driven element is a simple disk, above and separated electrically from a cone-shaped element below it. The disk is connected to the inner conductor of the coax, while the cone-shaped element is connected to the outer braid of the coax. Below is a diagram that shows the discone.

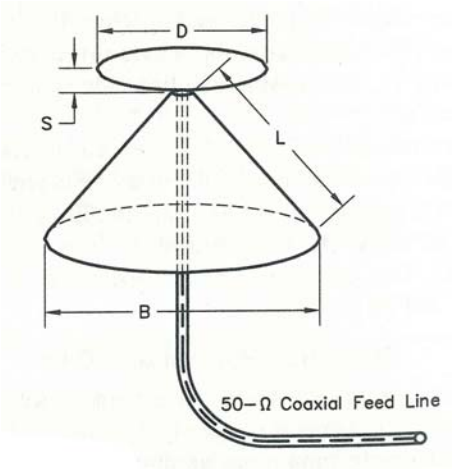


Fig. 1 – Diagram of a typical discone antenna. D = disk diameter, S = separation distance between the disk and the cone, L = length of the cone elements, and B = diameter of the base of the cone. From the ARRL Antenna Book, 2000 edition.

The theory is that the signal drops off the edges of the disk and heads straight down in a direction toward the ground. When it hits the sides of the cone, it is reflected horizontally in an omnidirectional fashion. A signal coming off the disk at, for example, 147 MHz will be reflected nearer to the top of the cone. If you change to 144 MHz, the signal will drop closer to the base of the cone before it is reflected. When properly designed, the antenna will be very broadbanded, since both lower and higher frequencies will be reflected at some point on the cone (within limits, of course, based on the size of the whole antenna).

So, what did I build and how? Fig. 2 shows my finished antenna. You can see the original lampshade at the bottom, still painted white. At the top of the lampshade is a circular disk made of double-sided circuit board, soldered to the cone.

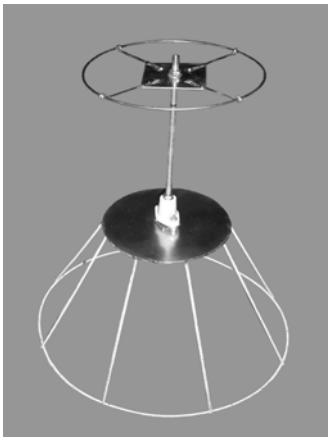


Fig. 2 – The assembled discone.

A ¼-inch threaded rod supporting the disk is soldered to a SO-239 fitting not seen in this view.

The dimensions of my version are: D = 6-7/8", B = 14", L = 11" and the double-sided circuit board soldered to the top of the steel wire lampshade is 6" in diameter. S = 9½ ". As you can see in Fig. 2, the disk (D) is made of a piece of circuit board with a hole in the center for the rod. Short lengths of #12 copper wire are soldered to the circuit board on one side and to the 6-7/8" steel wire circle that defines the outside of the disk.

Now for some details. Fig. 3 shows the base of the threaded rod, soldered to a SO-239 fitting. To do this, I ground the threaded rod down on my grindstone, thus making a pin that would fit into the center conductor of the SO-239. I used a micro-torch to solder them, though a heavy-duty soldering iron would also do the trick.

Fig. 3 – Detail of the threaded rod and SO-239 fitting.

Next, I bolted the SO-239 in place in matching holes made in the circuit board at the top of the cone, as show in Fig. 4.

Fig. 4 – Threaded rod/SO-239 bolted in place.

However, there is no way that the soldered rod/fitting could be stable enough to hold the disk. How then, to stabilize the rod? Fig. 4 shows a solution - an old ceramic insulator

Fig. 4 – Ceramic insulator to stabilize soldered joint.

from my junk box. It slips down over the rod and is fastened with machine screws (and a couple of stand-offs) to the copper board. A pair of ¼" nuts, one on the inside of the insulator and one outside on top, stabilize the rod quite nicely when tightened.

Fig. 5 shows the disk assembly in place. Spacing can be adjusted by loosening the nuts, running the disk up or down, then re-tightening the nuts. I used single sided board for the disk, and wanted good electrical contact between the rod and board.

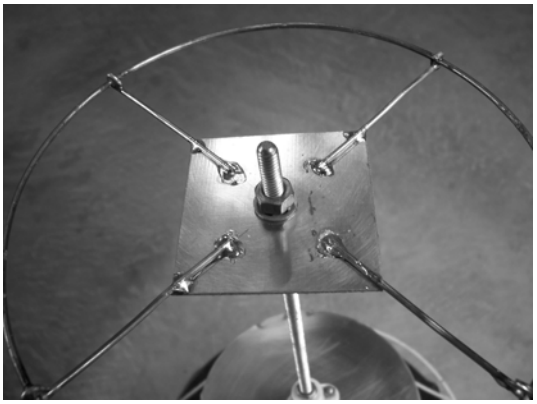


Fig. 5 – Detailed view of the disk assembly.

Hence the use of an internal star washer between the top nut and the circuit board – you can just see it in Fig. 5.

After assembly, I adjusted the height of the disk (distance S in Fig. 1). As mentioned previously, S turned out to be 9½" for minimum SWR.

So, how good is it? Take a look at the results, measured with my MFJ meter.

Frequency, MHz	SWR 1:
140	2.0
141	1.8
142	1.7
143	1.6
144	1.5
145	1.4
146	1.3
147	1.3
148	1.3
149	1.3
150	1.4
151	1.4
152	1.5
153	1.6
154	1.7
155	1.8
156	2.0

Table 1- SWR measurements

Pretty amazing! SWR = 1:2.0 or less from 140 to 156 MHz, a whopping 16 MHz range. And a 9 MHz range for 1:1.5 or less. This epitomizes the term broad-banded. Moreover, the SWR is 1:1.3 or less from 146 to 149 MHz, which clearly encompasses the frequencies most of us are

interested in. And, if you have a special range of frequencies in mind, simply readjust the disk up or down a bit for minimum SWR over the range you choose.

Remember, too, that the SWR readings may well vary, depending on where the antenna is located. I took these measurements in my basement, with the antenna sitting on a wooden chair, and no metallic objects within 4 feet. Placed on top of a metal filing cabinet, or in the attic near house wiring, it might not read the same. Nevertheless, it is easy to adjust the SWR after placing the antenna where it is to be used.

I really had fun building it. However, I have plenty of antennas, including another discone I built some years ago that is doing service right now. Therefore, the very antenna described in this article will be auctioned at the next ORC meeting. Be sure to be there to place your bid!

The OZARES Column

By Stan Kaplan (WB9RQR), Column Editor

The big news is that the **8TH ANNUAL WI ARES/RACES CONFERENCE** was held in Madison at Wisconsin Emergency Management on Oct 28th. Nancy (KC9FZK), Paul (KC9JJU) and I (Stan) attended as OZARES representatives. It was by far the best conference so far in many ways, with over 100 persons attending. Most were ECs, AECs and regular ARES/RACES members from around the state, but there were also a number of county Emergency Managers, and even the Illinois SEC (Section Emergency Coordinator; Section = State for both Wisconsin and Illinois) was there.

Our SEC, Bill Niemuth (KB9ENO) did an excellent job of running the show. In the morning were general sessions, with three rotating concurrent workshops in the afternoon. The three workshops were: **NTS and General Net Operations**, **Digital Technology and ARES/RACES Applications** and **Introduction to Incident Command** (ICS-100 equivalent). These were excellent topics and very fine presentations. By the way, the message in the digital technology area is that the entire state is moving to WinLink 2000. Take note of that, folks. Another project at the state level is a statewide 2-meter repeater system. By the way, next years conference will be the last Saturday in October, venue to be announced but possibly at Volk Field, Camp Douglas. The aim is to move it around the state from year to year.

From my point of view, the highlight of the conference was a morning talk by Johnny Smith, head of Wisconsin Emergency Management. His message was amazing! He noted that it was time for WEM to stop looking at Wisconsin ARES/RACES as just a resource for backup communications. Rather, he intimated that it was time to move us into a more front-line position, integrated to a new, greater degree with WEM for both training and during actual emergencies. He was very, very impressed with our capabilities (Bill Niemuth had given a presentation to the leadership of WEM and other agencies the day before). He pledged his support in many ways – including financial. I was very heartened by his comments, and view this talk as a very positive turning point in the relation between ARES/RACES and WEM. That also means an eventual trickle-down to county EM and also to law enforcement at the local level. Bill Niemuth is to be congratulated for his excellent work in interfacing with WEM!

MOBILE COMMUNICATIONS TRUCK (MCT) UPDATE: Ray (N9PBY) and Stan work on the truck most Monday evenings. At the last session, a length of string was taped to the red coil as the mast was raised to its full (~50 foot!) height. The mast was dropped, the string removed, and it was used to measure and cut three lengths of coax. The coax was then zip-tied to the coil as the mast was raised again. At the next work session, PL-259s will be soldered at both ends of each of the coax runs. These will be used to connect to antennas at the top. We also replaced a 110 VAC outlet and weatherproof cover on the outside of the vehicle.

NEW OZARES MANUALS were distributed at the last meeting, after months of hard work by Jack Morrison (N9SFG), and some assistance with editing by KC9FZK, KB9RHZ and WB9RQR. There is reorganization and other

major changes in this version, so be sure to get your copy and READ IT! Minor corrections are already scheduled, owing to changed phone numbers and the like, and these will be distributed as single sheet updates to the manual.

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!

09 Nov	KB9URH
16 Nov	N9XRU
23 Nov	Thanksgiving! No net.
30 Nov	Meeting
07 Dec	K9VIN
14 Dec	KB9VHP
21 Dec	AA9W
28 Dec	Season's Greetings! No net.
04 Jan	KA9DDN
11 Jan	K9DXT
18 Jan	KC9FZK
25 Jan	Meeting

Membership Meeting Minutes– October 11th, 2006

De Nancy Stecker, KC9FZK

The mentoring session scheduled before the regular meeting started at 7:00 p.m. Mark (AB9CD) talked about contesting and how he participates in the November Sweepstakes.

Vice-president Ed Frac (AA9WW) called the business meeting to order at 7:30 p.m. in the absence of President Tom Ruhlmann (W9IPR). Members and guests introduced themselves.

Announcements, etc.: Bill (KA9WRL) reminded everyone about the Jamboree On The Air coming up on October 19, 20 and 21, 2006. Stan (WB9RQR) has made a 2-meter discone antenna that he will bring for auction next month; watch the next newsletter for plans.

Program: Remote Control of your Base Station by Gregg Lengling (W9DHI): While using the Internet on vacation, Gregg wondered if it was possible to use a computer to operate his ham radio remotely. Simon Brown (HB9DRV) has created a set of Window based programs, Ham Radio Deluxe, making it possible to do just that. Gregg brought four copies of the program to be auctioned. A question and answer period followed his talk. Check the re-mailer for a web site for more information.

Fellowship Break: During the break, hams checked out Gregg's computer.

Auction: Stan (WB9RQR) held an auction of donated equipment.

Business Meeting: A motion was made and seconded to approve the minutes of the September meeting as printed in the ORC Newsletter: the motion passed.

A motion was made and seconded to accept the Treasurer's report as printed and displayed on the tables; the motion passed. In response to a question from the floor, Tom (AA9XK) said our first Ham Hobby Swap did not make a profit.

Repeater Report: Nels (WA9JOB) stated the 146.97Mhz is working fine. The 220 and 440 are also working well as reported by members who have been using these repeaters.

OZARES Report: Jon (KB9RHZ) noted that the SET (Simulated Emergency Test) conducted on October 7, 2006 went well. Stan (WB9RQR) and Ray (N9PBY) have been working on the Mobile Communications Truck. Stan gave a short report on what has been accomplished.

Old Business: Nels (WA9JOB), a member of the Uniform Committee, said it looked like jackets would cost $50 to $60 plus an additional $20 to embroider the club logo on them. There would be an additional cost to create the logo. He questioned how much interest there would be for jackets. Ed (AA9WW) will be checking into other vendors for prices.

New Business: The winner of this month's 50/50 pot was Gene (KB9VJP). Gabe (WI9GC) will be wintering in Arizona and needs someone to take over that activity.

Attendance: Members in attendance were: Leon (K9GCF), Mark (AB9CD), Gregg (W9DHI), Jon (KB9RHZ), Naomi (KC9GSS), Mark (KB9GST), Kate

(KB0SIO), Dick (AB0VF), Nancy (KC9FZK), Stan (WB9RQR), Herb (WA9UVK), Terry (KA9RFM), Gabe (WI9GC), Bernie (AA9CI), Ed (AA9WW), Jim (K9QLP), Bob (WQ9N), John (W9NRG), Ray (W9BUJ), Jerry (KB9ZOW), Gary (W9XT), Tom (W9VBQ), Bill (KA9WRL), Roger (W9UVV), Julia (KB9WBQ), Tom (AA9XK), Will (KB9HHR), Don (W9VSC), Dave (N9UNR), Nels (WA9JOB), Tom (W9LNL), Ron (W9BCK), Kent (N9WH) and guests Gene (KB9VJP) and Carol (KC9CBC).

Adjournment: The meeting was adjourned at 9:00 p.m.

Nancy Stecker (KC9FZK), Secretary

ORC Board Minutes October 31, 2006

De Nancy Stecker KC9FZK

The Board Meeting, held at the residence of President Tom Ruhlmann W9IPR, was called to order at 7:00 p.m. Attending the meeting were Tom Ruhlmann W9IPR, President; Tom Nawrot AA9XK, Treasurer; Ed Rate AA9W, Trustee; Nels Harvey WA9JOB, Repeater Vice President; Ed Frac AA9WW, First Vice President; Nancy Stecker KC9FZK, Secretary.

Reports/Discussions: Discussions introduced by Tom (W9IPR) were:

1. **Budget Update:** Using a detailed budget report prepared by the Treasurer, Tom (W9IPR) led a discussion of the budget in general and the specific activities of the club that have monies allocated to them.

2. **Scholarship Fund:** Ed (AA9W) reported that fund has reached the goal of approximately $20,000. It will be invested at 5% interest and will be self-sustaining to provide a yearly scholarship. Discussion concerning the funds future will continue.

3. **Open Air Swapfest:** The board agreed to have the ORC host another Swapfest in the fall with closer attention paid to the budget & expenses. The possibility of using another site was also brought up.

4. **Nomination Committee:** Vic Shier (KB9UKE), chairman of the Nominating Committee, is working on a list of nominees to be put on the ballot for the January 2007 elections.

5. **Early 2007 Projects:** Five hundred flyers advertising the May Swapfest have been printed. The board hopes to have a March date for the Post Everything Party. Tom (AA9XK) will follow up.

6. **Membership Report:** The Elmering Committee led by Mark Tellier (AB9CD) is going very well. Members of the ORC continue to contribute articles to the monthly Newsletter.

7. **Training Classes:** Tom (W9IPR) said work is almost complete for a Technician Class in January with a General class to follow later. A Code class by Tom (W9VBQ) and Bill (KA9WRL) will start soon using the repeater for lessons.

8. **Uniform/Logo Committee:** Ed (AA9WW) plans to have a presentation of apparel at a future club meeting. Discussion followed about what type of clothing should be presented.

Old Business: There was no old business.

New Business: The Chair entertained a motion to pay Bob Worth $200 for the rental of the equipment storage facility. Nels WA9JOB made the motion to pay the rental; Tom AA9XK seconded the motion. Discussion followed and the motion passed.
The Chair also stated he is looking for a PC projector for club use and needs a program for the December meeting.

Adjournment: Nels (WA9JOB) made the motion to adjourn the meeting; the motion passed. Meeting was adjourned at 9:10 p.m.

AGENDA

November 8th, 2006

1. Call to order – Tom (W9IPR)
2. Introductions.
3. Announcements, Bragging Rights, Show & Tell, Upcoming events, Etc.,
4. Program: D-Star by Mark Thompson (WB9QZB)
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 – New Members/Elmars
    Training– Code Class – Tom Murtaugh (W9VBQ)
    Youth Program – JOTA – Bill Howe III (KA9WRL)
    Scholarship – Ed Rate (AA9W)
    Uniform – Ed Frac (AA9WW)
    Nominating - Vic Shier (KB9UKE)
12. OLD BUSINESS
13. NEW BUSINESS
14. Adjournment to ?

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First Class

Next ORC Meeting

Grafton Senior Citizens Center

1665 7th Avenue, Grafton

Wednesday, November 8th

7:30 PM