

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 XXVI

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Number 12

The Prez Sez

By Tom Ruhlmann (W9IPR))

The main ORC activity since last newsletter has been the Grafton Christmas Parade. It is always a good time. This year we had some new faces involved in the ORC activity of assisting with the parade unit line up and progression. Again, it was great fun and we did everything from assisting line up, providing directions and reporting progress to inflating tires on one of the parade units.



Again, the traditional "after the parade" conference was held at "Johns" and details of the line-up and parade were discussed over pizza and libation.

We had an interesting board meeting on the 13th and as a result we did formulate and adopt a fiscal policy related to the financial operations of the club. It should provide good guidance to the board members in the future. This new Policy #9 is recorded in the board minutes later in this newsletter and will also be posted on our web site for your review.



Tom Macon (K9BTQ) is shown here demonstrating the \$35 firmware circuit board kit receiver used with the PC software defined radio.

It was an interesting membership meeting with Tom Macon of the West Allis group giving a presentation on software defined radio and with an actual demonstration of its application.

Well, finally the weather turned cold and miserable so I put together a 6-meter beam and mounted it on the mast of the VHF-UHF array I put on the garage last month. I learned a few things about Yagis in the process. I read up on the Yagi array and learned that element spacing affects not only the gain and pattern but also the bandwidth. Also, use of the gamma or "T" match results in a slightly longer driven element than indicated by the formula for a dipole. I elected to use spacing for more gain thus sacrificing bandwidth. Initially I tuned the antenna

with it setting on a wooden stepladder in the garage and found I could achieve an excellent match, with much fiddling around, as indicated by an MFJ-269. I did note there was significant interaction between the first director and driven element. It was really interesting. However, when I mounted the beam outside on the mast I found the resonance point had shifted slightly (0.2 MHz) as had the SWR. However, it was still below 2:1 in the area of interest so it is usable without a tuner until next summer when the weather is more hospitable. As luck would have it, I was monitoring 50.125 MHz and heard a signal. It was from Louisiana – that was a great contact. That was followed by a 2-meter SSB contact into Joliet Illinois. Ah, life is good.

So what's about to happen in the upcoming months? It looks like there are a couple of interesting contests coming up as well as the ORC elections and the Waukesha swapfest January 5th.

The most significant upcoming event is the "General FCC License" training class starting on Saturday, January 12th at the Cedarburg Police station. The class will be conducted on 6 Saturday mornings from 8:30AM to noon with various ORC instructors. The Training Director and chief instructor is Mark Tellier (AB9CD). This is a great opportunity for those who want to upgrade or just want to keep on learning.

That's about it for now. 73's – get involved and have some fun.

Contesting

De Bob Truscott (W9LO)

The 160-Meter contest was last weekend. I did poorly, BUT IT WASN'T MY FAULT. I'll explain that in due time, but first permit me to digress for a moment. Contesters as a group always want to be winners, and they sometimes get upset when they don't perform as well as they feel they should. It's an ego thing, especially with some of the "big guns", who almost always put up outstanding scores. They are the guys who spend big bucks on antenna farms, high power amplifiers, etc, etc. I applaud them for their efforts because they really do have outstanding

stations and the skills necessary to take advantage of them. However, they too often offer excuses for what they consider sub-par performance when they report their scores on the reflector (not the ORC reflector).

I sometimes tend to exaggerate a bit so bear that in mind when I tell you about the typical excuses I remember from score reports during the past 8 or so years.

Here are a few of them:

"Sorry I let you down guys, but I could only work about 3 hours and had to settle for just 600 contacts. Too many family obligations."

"My rotor on the 20, 15, and 10 meter monobanders on top of the 125' tower hung up, so I had fall back to the tri-bander on the 75' tower. That really cut my score down. I could only come up with 1,500 contacts."

And then there was the mobile station, I believe it was during one of the state QSO parties, who reported *"Band conditions were terrible, so when the rate meter got down to 90 contacts per hour I just quit."*

The message in each of these cases was simply "I am a much better operator than the score indicates, and probably better than all you guys who beat me."

Having said these things, let's get back to the 160-meter contest. I had high hopes for this contest. My goal was to do better than I did last year, using the same lousy antenna. I set up the computer program in advance so that all I had to do when I got home from my annual visit to the eye doctor for a checkup on the status of my developing cataracts was to sit down and operate. It didn't happen that way. At 3:00 PM the Doc put in the drops to dilate my eyes so he could get a better look inside. So when I got home just as the contest was starting at 4:00 PM I could not focus on the computer screen, and this condition persisted until about 10:30 PM. During this time I was only able to listen. And the band was beautiful—the noise didn't even register on the S meter, and the signals were S-9+ from everywhere. People were really racking up the Qs, and all I could do was listen. So I figured I could have had at least a thousand

contacts during that time if it hadn't been for those blinkedy-blank eye drops. I'm sure I could have set some kind of new record. Maybe I did—first place in the category of original failure excuses.

New Members

New member, Jim Caraway, W9LLL, thinks that his interest in HAM radio derives mostly from two of his other hobbies, boating and flying.



Jim Caraway, W9LLL

Both involve a good deal of communication on VHF frequencies, and after retirement from a career as a trial attorney, Jim developed an interest in learning about the other bands and extending the range of his communications. He earned his Technician license in late 2006 and his General class license in 2007.

Jim grew up in Milwaukee and has been boating and sailing since childhood, mostly at the family summer cottage and on Lake Michigan with family friends in his early years. He attended UW-Madison for two years and then hitchhiked to Alaska to look for a summer job. Working on an Alaska pipeline for the long Alaska summer, he took his earnings to travel the warmer states when winter approached. Eventually returning to Milwaukee, he landed a job in the newsroom at the Milwaukee Sentinel and enrolled at UW-Milwaukee to earn a degree in Journalism and Communications. Jim's first job after college -

photographer for a Milwaukee newspaper – ended when he had a chance to sail to South America with his college economics professor as a research assistant and first mate. Although they didn't get to Brazil due the professor's illness, Jim spent a year on the 60' sailboat and made the "Great Loop" – down the Mississippi River, around the Gulf of Mexico, up the East Coast and Hudson River, and through the Great Lakes back to Milwaukee.

Two weeks after returning from the Great Loop, Jim started attending Marquette Law School. Later, while practicing law in downtown Milwaukee in the area of civil litigation, he made time for summer sailing trips to Canada on his cruising sailboat and flying around the US and Bahamas on vacation. In addition to a busy legal career, Jim has made community service a significant part of his life.

An expert witness in one of his maritime law cases suggested that he join the Wisconsin Marine Historical Society, and ten years later Jim served two terms as president of the board of the trustees. While president he asked the ranking local US Coast Guard officers to join the Society, and one reciprocated by getting Jim involved in the Coast Guard Foundation, a national non-profit that raises money to benefit the men and women of the Coast Guard. After serving on the 100 member board of directors for eighteen years, the executive committee for nine and as chairman of the board for three, Jim became an emeritus director in 2006 and received the Distinguished Public Service Award, the Coast Guard's highest civilian award. The highlights of his Coast Guard involvement were trips to Antarctica and to the Motor Lifeboat School at the mouth of the Columbia River at Cape Disappointment.

Although only in the ORC for a couple of months, Jim has kept up his tradition of volunteering and worked the Grafton Christmas Parade with other ORC members in November. Jim has a wide range of HAM equipment given to him by a friend, but hasn't decided which area of HAM radio to concentrate on. Club members are helping him get set up for HF DX'ing and using HF email on his boat.

Jim and his wife, Bobbi, live in Bayside.

Welcome to the Ozaukee Radio Club Jim.

Grafton Christmas Parade

De Jim Albrinck (K9QLP)

The 2007 edition of the Grafton Christmas Parade is now history. The Ozaukee Radio Club ventured out into the cold late November air to assist the Grafton Chamber of Commerce in the staging and conduct of the parade on Saturday, November 24.

We handled everything from locating lost units to pumping up tires on a float. In the end we were treated to pizza and liquid refreshments at John's Pizza courtesy of the Grafton Chamber of Commerce.



ORC organizer Jim Albrinck (K9QLP) gives last minute directions to Mike Matthies (WJ9O), Dominic Boppre (W9KKX) and his dad Tim Boppre (KA9EAK).

Members joining in were first-timers Jim, W9LLL; Tim, KA9EAK; and Dominic, W9KKX. They were assisted by the veterans Nels, WA9JOB; Mike, WJ9O; Tom, W9IPR; Gary, WI9M; Cindy, KA9PZG; Bernie, AA9CI; and Jim, K9QLP.



Who was leading the parade? The Grafton High School band of course.



There was even a Christmas train at the parade and it seemed to be full of candy and presents.



What's a Christmas parade without Santa? Santa brought up the rear of the parade and there really were reindeer in harness.

Thanks to everyone who helped the Club in this important Community Service activity which helps to maintain our affiliation with the ARRL as a Special Service Club.

2007 Field Day Results

De Bob Truscott (W9LO)

The results are out, and again we did quite well. Here's a comparison with last year:

National-All Categories

2006-13th Place, 2184 Entries

2007-21th Place, 2333 Entries

Central Div.-All Categories

2006-2nd Place, 159 Entries

2007-2nd Place, 178 Entries

National-5A Category

2006-3rd Place, 74 Entries

2007-2nd Place, 63 Entries

While we advanced to 2nd place nationally in 5A, there is still quite a gap between us and the 1st place people, 4,624 points and 1652 QSO's to be exact. We need to find a way to bridge that gap.

Perhaps we should start by studying the performance of W3AO, the overall top-scoring club in the country (19 transmitters). They had 8,147 QSO's, and 27,150 points. It's not likely that we could catch them, but they are certainly doing a lot of things right and it would be to our benefit to emulate them wherever possible. Their Contest Soapbox is available on the ARRL web, under 2007 Contest Results. Among other things, they used 13 50' towers, and an inflatable tent. Food for thought.

So, committee members, let's start thinking about how to get our numbers up for next year. It's an interesting challenge.

Tips, Tails & Tools

De Gary Sutcliffe, W9XT

My upcoming topic for my NCJ topic is useful web sites for contesting. Rather than making

you wait until it comes out in January, here are a few great sites for getting ready for the contests that were passed on to me. www.ng3k.com Click on the announced DX operations link to get a list of stations expected to be on this weekend. <http://www.radiosport.ca/zoneprop/> This has near real time propagation forecasts between CQ Zones. Click on zone 4 on the left to just get propagation for us. <http://dx.qsl.net/propagation/> This has current propagation info. Scroll down for polar auroral activity maps, MUF maps, etc.

UPCOMING Classes

The Ozaukee Radio Club will be offering a "General FCC License" training class starting on Saturday, January 12th at the Cedarburg Police station. The class will be conducted on 6 Saturday mornings from 8:30AM to noon with various ORC instructors. The Training Director and chief instructor is Mark Tellier (AB9CD). He can be reached at 414-357-6522.

The text for the class is the ARRL General Class License Manual available at Amateur Electronics Supply.

There is no charge for the training program.

This is a great opportunity for all you Technicians to upgrade to HF privileges with minimal effort. It is also a great opportunity for those who are yet unlicensed to learn about amateur radio from some "pro's" and "self study" for the Technician FCC license.

Club Static

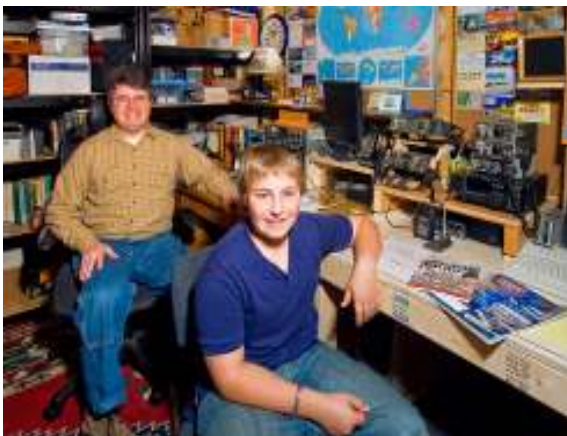
Following is the site of Kyle Jeske, a Past President. Check this out.: <http://www.n4nss.org/stpete.htm>

We are looking for an operational 2-meter rig and power supply to install at the Grafton Police Dept. for use during emergencies. The antenna is already installed. If you wish to donate some equipment contact John Schrader (W9NRG) at 414-574-1234.

Just Another Shack

De Tom Murtaugh, W9VBQ

There are a number of Amateur Radio operators in my family, Uncle Jim (KS4AS), Auntie Susie (KE4EQX), Don Holmes (W9MYB), and the two earliest and most influential, my uncles, Paul (W9SIZ) and Bob (W9KKX /SK). Uncle Paul, W9SIZ, has been an Amateur Radio operator since 1941. He wrote the exam in November 1941 but due to the onset of the war weeks later was not issued his current call until 1946 when he returned home from Europe. At age 82 he is still a master at CW. He hears paragraphs where I struggle to hear characters. Uncle Bob, W9KKX, became a silent key in 1999. He had been an Amateur Radio operator since 1946. I have many fond memories of sitting in his shack tuning around the bands on his new Kenwood TS-520S. Uncle Bob was an early adopter of digital modes and used a "new" Commodore Pet to operate with ASCII. He also had a big old Model 28 teletype machine for RTTY. As a kid they spent a lot of time with me in their shacks or at an occasional Field Day or Hamfest and I've always been grateful for that.



Tim (KA9EAK) and Dominic (W9KKX) carry on the family "HAM" tradition share the shack and are looking forward to many "father-son" projects.

In addition to my uncles, my interest in electricity and electronics as a kid was aided greatly by a neighbor, Steve Spaeth. Steve was trained and served in the Air Force as a technician on F-4 Phantoms in Thailand during the Vietnam

War. While he wasn't an Amateur Radio operator Steve was a genius when it came to electronics and most importantly troubleshooting. Without the influence of these men I would not be an Amateur Radio operator today.

I was licensed as a Novice early in 1979 at the age of sixteen. I acquired a used Swan 350, put up a 10m vertical and operated a bit of CW on HF but it wasn't all that interesting to me at the time. I wanted to operate phone. I studied for the General exam and in the fall of 1979 I traveled to the FCC office in Milwaukee to take the tests. First I took the 13-wpm code test. It may as well have been 1300 wpm as I failed this element. I obviously had not spent enough time with the practice tapes or more importantly operating CW. Next was the written exam. I passed this and walked out with a Technician license.

While I was not real happy that I failed the code test and would not be able to operate phone on HF, for the time being I was satisfied to be able to operate on the 2m band. I made a trip to Amateur Electronic Supply and bought a brand new Kenwood TR-7600 with the matching power supply. In time my dad found an old, square, 30-foot aluminum light pole. He welded up some fixtures to support a mast and we erected this in our backyard to support a KLM 13-element long boom yagi that I purchased. With the help of this antenna and a 2m FM amplifier I was able to work the surrounding area pretty well even reaching as far as western Michigan on occasion. My station at this time consisted of the Swan 350, a Heathkit SA-2040 antenna tuner that I bought new as a kit, the Kenwood TR-7600, and a used TR-2200A that I bought to use as a portable rig. I also had an old Hallicrafters S-20R that was my grandfathers. After high school I went to Marquette University to pursue a Bachelor of Science degree in Electrical Engineering. During the years of school my interest in Amateur Radio began to fade. As school progressed and expenses piled up I began to sell off my unused gear until by the time I graduated in 1985 my station was completely gone.

After school my life turned to work, marriage, and eventually family. While I continued to renew my license in the intervening years, I did

not operate again until October 2005. In the fall of 2005 I was conversing with Mike Yuhas, AB9ON, and the subject of Amateur Radio came up. I had known Mike for several years through Boy Scouts, local bluegrass music, and trains but did not know that he was licensed, nor did he know that I was licensed. After my exchange with Mike I started to take a look at what it would take to get on the air again. I found that with the changes in licensing over the years the 13-wpm code test requirement had been dropped. Since I passed a 5 wpm test for my novice class license years ago and had passed what was the General written exam at the time I was actually a grandfathered General class licensee and all I had to do was file for the upgrade. Perhaps not the best way to obtain the General class license but that's the way the license rules work today. Through this time my oldest son Dominic's interest in electricity and electronics was continuing to grow and on a whim we went to a local Hamfest to look for some used test gear. We walked out with what we came for (a nice used Tektronix oscilloscope, a B+K Precision power supply, and a Beckman function generator) and one item that we had not planned for: a nice used Icom IC-718. A quick stop at Amateur Electronics for a power supply and an antenna and I was soon back on the air. With the Morse code requirements eliminated I began to study for the Amateur Extra exam and passed the test in November 2005. Since then I have assembled a nice station that with the exception of the IC-718 resembles a Kenwood museum. I have a complete TS-830S station (my dream radio as a kid), a TR-7950, a TR-9000, Uncle Bob's TR-2500, and a TR-2200A to replace the one that I sold long ago. My antennas are a Cobra Ultralite Senior, a G5RV, and an Elk Antenna 2M/440L5. I'm having a lot of fun working DX (SSB) primarily on 20, 40, 80, and 160m. I've even started to review the code in order to operate CW again. Most important of all we recently added a new Amateur Radio operator to the family. My oldest son Dominic passed his Technician exam in October. I filed a vanity call request to obtain his great, great uncle Bob's call. This call was just issued and much to the delight of his great, great Uncle Paul, W9KKX is back on the air.

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Nominations for 2008 Board of Directors

The Nominating Committee nominates the following ORC members to serve on the ORC Board of Directors for the 2008 fiscal year:

President:	Mike Yuhas, AB9ON
Internal vice Pres.	Bill Howe III, KA9WRL
External vice Pres.	Tom Nawrot, AA9XK
Repeater Vice Pres.	John Schrader, W9NRG
Secretary	Tim Boppre, KA9EAK
Treasurer	Nels Harvey, WA9JOB

The current President, Tom Ruhlmann, W9IPR, will continue to serve on the Board as Past President.

The Club Trustee is Ed Rate, AA9W. This is a position appointed by the Board of Directors.

The Nominating Committee consists of:

Vic Shier, KB9UKE, Past President
Tom Ruhlmann, W9IPR, Retiring President
Ed Rate, AA9W, Trustee
Stan Kaplan, WB9RQR, Member

The elections will be conducted by the Nominating Committee at the Annual Meeting on January 9th 2008. Should any other ORC member wish to be considered for the above elective offices they may be nominated from the floor.

Voting for "Ham of the Year" and "Turkey of the Year" will be conducted at the February, 2008 membership meeting.

Upcoming Events

December

- 1st- 2nd ARRL 160 Meter CW Contest
- 8th- 9th ARRL 10 Meter Contest
- 8th - 9th MDXA PSK-31 Death Match
- 12th Membership Meeting
- 15th - 31st Lighthouse Christmas Lights QSO Party
- 17th - Run for the Bacon CW contest
- 29th - Original QRP CW contest

29th - RAC Winter Contest

January

- 1st Straight Key Night
- 5th WARAC Swapfest at Waukesha
- 5th-6th ARRL RTTY Roundup
- 6th Kids Day
- 10th **Membership Meeting**
- 19th -20th ARRL January VHF Contest

February

- 8th - 10th Orlando FL Swapfest
- 16th ARRL Intl. DX CW Contest

Project of the Month

De Mike Greenfield, N9JIY

The following sites have the QRP circuits shown at the meeting.

For the RockMite see www.smallwonderlabs.com. It's a wonderful little rig! Built in keyer. Full QSK. Automatic frequency offset for receive. Hears just one sideband. \$29.00.

For the Pixie see www.halted.com. Enter 'Pixie' in the search blank, and you'll go right to it. It's still \$9.95. This is as basic as you can get, but it still has full QSK.

At 9V, these rigs might put out 1/4 watt.

The



Column

By Stan Kaplan (WB9RQR), Column Editor

The **meeting of 29 Oct** was one of the shortest in history at a bit over 30 minutes, but it was a significant one. Jon collected **ID cards** and distributed new ones (contact him if you have not received yours). The remainder of the meeting was a discussion of **Winlink 2000**. Plans are in the offing to set up a Telpac node at both Jon's and Stan's QTH, with the possibility of another node at Sky's QTH (located at the extreme northwestern corner of Ozaukee County). If those three sites come into existence, all of Ozaukee County would be covered, as well as significant areas across our northern and west-

ern borders. Furthermore, there was some discussion of putting a Winlink 2000 station in the MCT, which would give us a roving site. A TNC has already been acquired for the MCT, so things look good.

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, and keep the net manager (WB9RQR) informed of confirmed trades. Guests are welcome after the OZARES check-ins are complete, *most especially ORC members!* By the way, if you see a difference between the schedule on the website and this column, this column will always be correct, since it reflects last minute changes and substitutions.

06 Dec	KA9DDN
13 Dec	KC9FZK
20 Dec	WB9RQR
27 Dec	(No net today and no meeting this month; Season's Greetings!)
03 Jan	WB9RQR
10 Jan	K9GCF
17 Jan	K9GST
24 Jan	Meeting
31 Jan	WB9RQR
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07 Feb	KC9FZK
14 Feb	WD9HOD
21 Feb	W9IPR
28 Feb	Meeting.

ORC Board Minutes – Nov. 13th 2007

De Nancy Stecker KC9FZK

President Tom Ruhlmann called to order the November 13, 2007 board meeting of the Ozaukee Radio Club at 7:05 p.m. The meeting was held at the Ruhlmann residence. In attendance were: Repeater Vice President John Schrader W9NRG, 2nd Vice President Bill Howe KA9WRL, Trustee Ed Rate AA9W, 1st Vice President Mike Yuhas AB9ON, Treasurer Nels Harvey WA9JOB, President Tom Ruhlmann W9IPR and Secretary Nancy Stecker KC9FZK.

Reports and Discussions:

1. Safety Vests: Ed Frac AA9WW had reported earlier that he has prices and samples of safety vests from Uselding's of Port Washington. Discussion followed about other options for acquisition, usage and number of safety vests needed by the club.

2. Elections: The nominating committee will be meeting to prepare a slate of officers to be on the ballot for elections at the January 2008 meeting.

3. Awards: It was suggested past recipients of the Turkey Award be asked to vote for the 2007 Turkey Award.

4. Fox Hunt Transmitter: Fox hunt and equipment used for a foxhunt was discussed.

5. 220 MHz Repeater: John W9NRG brought up the need for an upgrade of the 220 MHz repeater.

6. "Classified" on the Web Site: President Ruhlmann opened a discussion about putting the classified ads that are in the monthly newsletter on the ORC website.

7. Web Site with ORC articles and "Google advertising" to support scholarship fund: The President also opened a discussion about creating a technical web site.

8. Meeting Site: Talks are ongoing with the Grafton Senior Center about the rent.

9. JOTA: Bill KA9WRL reported on JOTA held at Pioneer Village this year.

10. License Training Program: Mark AB9CB will hold classes for general upgrades in January.

11. Proposed Fiscal Policy: Some fiscal policies for consideration were presented to the board for discussion.

Old Business: None

New Business:

The chair entertained a motion to adopt the Fiscal Policy #9 as modified by the board. Mike AB9ON made the motion: Bill KA9WRL seconded the motion. The motion passed to adopt the following Fiscal Policy.

Policy #9-Fiscal Policies

Background: The Board of Directors operates from a budget, accesses dues (reference Policy No. 6) and conducts an annual audit (reference Policy No. 7) of the Club's financial transactions. The purpose of the following fiscal policies and procedures are to provide direction and a guide for the Board of Directors in the consistent conduct of the fiscal transactions of the Ozaukee Radio Club.

Budget:

The Board of Directors annually develops a two-year budget for approval by the membership. Membership approval of this proposed budget provides approval to the board for expenditure of the funds noted in the budget. The budget should contain a "contingency fund" (e.g. \$500), which in effect gives the board authorization to approve an expenditure up to the contingency fund amount without further approval of the membership.

The budget should be updated/maintained with current values by the Treasurer following major events and at least quarterly and the Board of Directors will make any adjustments in future project expenditures when appropriate.

Expenditures in excess of \$500, even though budgeted, must be approved by the Board of Directors.

Banking:

The bank(s)/institutions to be utilized for club financial transactions and investments shall be approved by the Board of Directors.

Authorized signatures for Club accounts shall be limited to that of the President, Treasurer and Trustee.

Two signatures of approval are required on any transaction exceeding \$500.

There shall be no Credit Cards issued against any Ozaukee Radio Club account.

The Treasurer shall receive the original copy of the financial institution statement(s) and provide a copy to the Club Trustee.

Any checking account shall be limited to \$3000 with the excess being placed in a money market account or prudently invested.

The Club shall not maintain any safety deposit box.

Investments:

All "investments" shall be approved by the Board of Directors.

CD's that mature may automatically be renewed however conversion to other accounts or investments must be approved by the Board of Directors.

Projects/programs:

Project chairmen shall receive a copy of the approved budgeted income and expenses related to the project. The Board of Directors must specifically review and confirm budgeted expenses exceeding \$500 prior to obligation and those exceeding \$100 of the budgeted amount prior to payment.

Project/program income exceeding \$100 shall be counted at the event by at least two unrelated Club members prior to deposit.

Project/program income should be deposited in the approved bank account within 3 business days of being counted.

Project/program billings, which are authorized expenses, shall be paid within 30 days of submission/approval.

Reporting:

The Treasurer shall provide a consolidated financial report, including the scholarship funds

and all other financial transactions and account balances, to the membership at least quarterly.

Adjournment:

Mike AB9ON made a motion to adjourn: Ed AA9W seconded the motion. The motion passed and the meeting was adjourned at 10:10 p.m.

ORC Regular Meeting Minutes

November 14, 2007

De Nancy Stecker KC9FZK

Meeting called to order by President Tom Ruhlmann W9IPR at 7:30p.m.in the Grafton Senior Center's lower level. Members and guests introduced themselves.

Announcements, Show and Tell, Etc.: Dominic Boppre (KC9MJN) is our newest and youngest member, welcomed to the club. Mike (N9JIY) showed how a small plastic bar soap container could be used to hold small projects. He has built several QRP transmitters in these. Tom (W9IPR) exhibited an antenna switch box he made. Stan (WB9RQR) went on line to get the 2007 Field Day results: our club came in 2nd in the 5A category and 1st in the 5A Central category.

Program: Tom Macon (K9BTQ) and Software Defined Radio: Tom Macon, a member of the West Allis Radio Club, gave a power point presentation on how to turn your computer into a radio, using software and a simple, inexpensive kit to interface with the antenna.

Auction: Stan (WB9RQR) held the monthly auction. Ed (AA9WW) had the winning ticket for the 50/50 drawing.

Business Meeting:

Acceptance of Minutes: The Chair entertained a motion to approve the minutes as printed in the November ORC Newsletter. Ray (W9BUJ) made such a motion and Jim (K9QLP) seconded it. The motion passed.

Treasurer's Report: Nels (WA9JOB) had distributed copies of the Treasurer's Report earlier in the evening for members to review. The Chair entertained a motion to accept the report as printed. Bill (KA9WRL) made the motion, Mike (AB9ON) seconded it and the motion passed.

Repeater Report: In the absence of the Repeater Vice President John (W9NRG), Nels (WA9JOB) said he was selling to the club a Kenwood 25W.220 MHz transceiver to be used as an exciter for the 220 MHz repeater for \$50. The present Hamtronics exciter is unstable on frequency and exhibits unsatisfactory subaudible tone levels.

Committee Reports:

Grafton Christmas Parade: Jim (K9QLP) needs 8 to 10 people to help with the Grafton Christmas Parade on November 24. A sign-up sheet was passed around.

Youth Program: Bill (KA9WRL) said JOTA was both good and bad. The weather was good, and great Northern Cross telescopes and radios were on hand for the scout's use. However, many troops went to the wrong site. Also, Opportunity Days will be an all day activity at the Parkview Middle School in Cedarburg on May 2, 2008.

Field Day: Ken (W9GA) reported on field day results for this year and standings in past years.

Uniform Committee: Ed (AA9WW) has hats for members to purchase at a cost of \$15. That includes having your name and call sign put on when you take the hat to Uselding's in Port Washington. He will continue to take orders for Club jackets. Ed also made a suggestion that the Club have a Ham Camp, an occasion other than Field Day for hams to get together.

Swapfest Approvals: Tom (W9IPR) said he has ARRL approval for the indoor May 3, 2008 Swapfest and the outdoor September 6, 2008 Swapfest.

Elections: Elections will be held at the January 2008 meeting. If you are interested in running for any of the positions, contact Tom (W9IPR), Ed (AA9W) or Vic (KB9UKE). Information about the Club awards was sent out over the remailer, send your nominations for any of these awards to teruhlmann@sbcglobal.net. Tom also men-

tioned he is still working with the Senior Center personnel regarding room rent.

Board Meeting Report: Topics covered by the Board included a Fox Hunt, the Turkey Award and the passing of Policy #9, a Fiscal Policy containing guidelines for the Board to handle financial matters of the organization.

Old Business: None

New Business: None

Attendance: Attending the meeting were members: Bill KA9WRL, Nels WA9JOB, Tom W9IPR, Mike WJ9O, Ron W9BCK, Herb WA9UVK, Ray W9BUJ, Ed AA9WW, Mark AB9CD, Mark KC9GST, Kate KB0SIO, Dick AB0VF, Steve K9DXT, Bob W9LO, Doug N9KG, Dave N9UNR, Jon KB9RHZ, Gary W9XT, Ken W9GA, Nancy KC9FZK, Jerry W9GGR, Jim W9LLL, Stan WB9RQR, Tim KA9EAK, Jim K9QLP, Dominic KC9MJN, Dale N9NNE, Joe KA9DFZ and guests Tom K9BTQ and John N9LGD.

Adjournment: A motion to adjourn was made by Dave (N9UNR) at 9:30p.m. The motion passed and the meeting was adjourned.

AGENDA

December 12th, 2007

1. Call to order – Tom (W9IPR)
2. Introductions.
3. Announcements, Bragging Rights, Show & Tell, Upcoming events, Etc.,
4. Program:
5. Fellowship Break
6. Auction.
7. Acceptance of Minutes as printed.
8. Treasurer's report – Nels (WA9JOB)
9. Repeater report – John (W9NRG)
10. Committee reports.
Membership – Recruitment & Welcoming
PEP -
Awards –
Nominating –
Other -
11. OLD BUSINESS
12. NEW BUSINESS
13. Good of the Order
14. Adjournment to ?

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First Class

Next ORC Meeting

Grafton Senior Citizens Center

1665 7th Avenue, Grafton

Wednesday, Dec 12th

7:30 PM