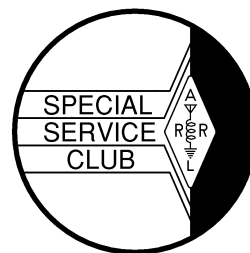




AMATEUR RADIO

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 <http://www.ozaukeeradioclub.org/>**

Volume XXIII

December 2004

Number 12

The Prez Sez

By Vic Shier (KB9UKE)

Who do you know wants to have some fun? Invite them to the Ozaukee Radio Club monthly meeting. What? Can ham radio club meetings really be fun? Ours are. Our monthly meetings are a jolly social event. Friends greet each other with smiling faces; laughter can be heard throughout the room. Julia, KB9WBQ, brings refreshments for everyone; Leon, K9GCF, arranges interesting programs; and Stan, WB9RQR, has some great stuff for the auction. After the meeting, a number of people get together for pizza and beer. Come to the next meeting and get your fun battery recharged.

The club has made more progress towards vacating the barn. The antennas have been installed and the coax has been run. We are now ready to move the repeater system with minimal down time. Nels, WA9JOB, put together a good plan and a good work crew. Nice job Nels!

This year is coming to a close and it has been another good year for the ORC. Now it is time to look forward. If we ask ourselves, what would make this club better? What could we do differently? Should we try something new? Questions like those are the catalyst for change, which keeps the club healthy and the hobby exciting. Do you have some ideas? If so, let's hear them.

73's and remember...It's a hobby!

By-laws Revision

The proposed revisions to the By-laws are posted at the ORC web site. Please review them, as this is one form of an official posting prior to voting. A copy will be mailed to those members who do not have web site access and normally receive the newsletter by mail. The vote on revisions will occur at the January meeting prior to the voting for officers.

New Members

We have a new couple in the ORC, Mark and Naomi Potash. It turns out that Naomi earned her Novice license while in collage about 30 years ago and so when Mark came home one



evening and suggested they consider "ham" radio as a "retiring" hobby, Naomi was enthused. They studied together and both earned their Technician Class license in October 2004. Currently they both have a VX-150 HT and are looking for a mobil rig. They leave in Mequon and have 3 children who are currently either teaching, going to collage or preparing to enter UW Madison. Mark has his own metal fabrication company (Potash Metal Products or PMP) and Naomi is self-employed in the field of hotel marketing.

Club Static

Congratulations to Nancy Stecker, KC9FZK, who passed her Element 1 (5-wpm) code test on Saturday, November 27th. Nancy surprised everyone by sneaking off after breakfast to AES to take the exam and then returning home with the certificate of completion in hand – congratulations to Nancy and to Chris (K9VVC) who has been running a code class on the 70 cm repeater net.



Our newest “born again” member is Jeff Alper (WB9PZD). Jeff was an ORC member in the mid 90’s and has just returned to the fold. He originally earned his license in 1974 while a student at Madison and spent many hours at the club station as a member of the Badger Amateur Radio Society (BARS). Jeff currently holds an Advanced Class ticket. While his degree is in Electrical Engineering since 1987 he has been self-employed as an Insurance and Investment Counselor. His interest in Amateur Radio and the ORC was rekindled as he monitored the ORC web site and noted the variety and success of the ORC activities. He has an “Azden” 2-meter rig in the car – now to see if he can open the repeater and join the “Morning Mobilers”.

Field Day Success

De Gregg Lingling,

Well guys it looks like we did really well 14th overall and second in the 5A class. First place was K4BFT (Huntsville ARC) with a total of 15,754 points for 4,993 QSO’s but with 45 participants. We did 13,676 points with 3,986 QSO’s with only 38 participants. Good going guys. First place went to W3AO Potomac Valley RC and Columbia ARA 32,372 points in 9,304 QSO’s with 60 participants. They were however, in class 50A. The only other 9th area group to make the top 25 was an Illinois team (3A) at 16th and another Illinois team (2A) at 20th. Great show gang.

Wanted & For Sale or Trade

Wanted – Amatron AL80 amplifier or similar linear using a 3-500 tube – Contact Ray (W9BUJ) at 262- 377-5777

An old friend of Dick Scarvaci’s & his Dad wants to dispose of the following equipment:

DRAKE TR4-C, L4-B amplifier, RV4-C, W-4 RF/SWR Meter, Phone Patch, SHURE 535 Mike and Stand, 40 Foot Tower on hinge with tri-band beam. If interested contact Sid Kohlenberg (W9YXB);7433 N. Crossway Rd.;Fox Point, WI 53217 - Tel 414-352-0424

Upcoming Events

Jan. 8th – West Allis RAC Swapfest at Waukesha Expo. Center

February 26th – Post Everything Party

April 16th – NS9RC Swapfest at Grayslake fairgrounds

May 7th – ORC Swapfest at Circle B

July 9th – South Milwaukee Swapfest

Post Everything Party

Mark your calendars for the "Post Everything Party" coming up on February 26th. For the benefit of the many new members, the name 'Post Everything' evolved from the idea of having this social get-together AFTER the busy holiday season, AFTER the New Year even AFTER Valentines Day.

Like last year, we will be at the American Legion Clubhouse in Cedarburg. Folks start to arrive at 6:00 for beverages and appetizers. A nice buffet is set out about 7:00. Contesters should not have a conflict this year - so plan on being there! See the sign up flyer at the back of this newsletter for reservation details.

December 8th – Membership meeting at the Grafton Senior Center.



Mark Tellier, AB9CD, gave a great presentation at the November meeting concerning his “tower raising” experience in Brown Deer. Mark is now well established as the ORC expert on “permits” and tower installations.

Dues are Due

Dues for the 2005-year are due by the annual meeting scheduled for January 13th, 2005. The application form is the last page of this newsletter. Please complete the form and submit it with an accompanying check to Tom Nawrot (AA9XK) via the snail mail or in person at the December or January meetings.

It rained on our parade

De Jim Albrinck, KA9QLP

Nine hardy souls of the Ozaukee Radio Club ventured out on Saturday morning, November 27, to provide communications to the Grafton Christmas Parade sponsored by the Grafton Chamber of Commerce. Cedarburg Emergency Government provided their Commo Van (Unit 1) for Net Control. More pictures and information on that vehicle will be provided later. ORC members participating in the parade were as follows:



Ed Rate, AA9W, is seen under his umbrella as he aligns the paraders and awaits the command to “start the parade”

Gary WI9M, Ed AA9W, Jim K9QLP, Nels WA9JOB, Gene KB9VJP, Carol KC9CBC, Cindy KA9PZG, Ted N9LLT, and Tom W9IPR. Two graduates of Dr. Ed Rate’s Ham classes participated by operating the Cedarburg EG Commo Van. They were Frank Even, Director, KB9URD, and Lt. Jim Ramthun, KB9URE. Ray Vollrath, WD9HOD, ORC Member and liaison officer between Cedarburg Fire Department and Cedarburg Emergency Government stopped by to lend a hand.



The spectators were prepared for the weather as they watched the West Bend Harley “HOG” group lead the way.

Many of the ORC members learned some valuable lessons on programming their radios and simplex, cross band repeater operation as a result of this exercise. Even though we were wet and cold, the post parade “get together” warmed everyone.



What's a parade without Bands? Here it is noted that the Grafton High School Marching Band, one of many, were also prepared for the weather as they cheered the crowds with Christmas music.

Emergency Government Communications Van

De Jim Albrinck, K9QLP

Cedarburg Emergency Government loaned the ORC their Commo Van (Unit One) for use as the command post for the Grafton Christmas Parade.



I was welcomed aboard the Cedarburg Emergency Government Communications Van by Director Frank Even (KB9URD) and Lt. Jim Ramthun (KB9URE).

The unit is a former Cedarburg Ambulance vehicle that was donated to the Cedarburg Emergency Government. It was gutted and outfitted with volunteer labor contributed by members of the Emergency Government. Frank Even, KB9URD is the current Director. The van is equipped

with a diesel engine, AC generator, landline phones, a cell phone with FAX machine, and television and weather monitoring equipment. Radios on board include a Kenwood 25 watt Ham 2 meter mobile; Motorola low band for Red Cross and other emergency frequencies; General Electric UHF Business Band for Cedarburg Firemen's Park and backup Cedarburg Fire Department; General Electric EDACS 800 MHz trunking 35 watt mobile with dual control heads; one 800 MHz portable with charger; Yaesu 440 UHF Ham Radio; and one Motorola High Band mobile for all public safety and hospital frequencies and the most used Ham radio repeater and simplex frequencies.



Looking into the business end of the communications van we see Director Frank Even (KB9URD), Lt. Jim Ramthun (KB9URE) and way in the back, Jim Albrinck (K9QLP)

The ORC has been fortunate to have the use of this vehicle for the Grafton Christmas parade for the last 6 or 7 years. Frank wants everyone to know that this unit is available to all towns, villages, and cities in Ozaukee County and surrounding counties. There is no charge for this service. Cedarburg EG is supported by the City & Town of Cedarburg, Cedarburg Fire Department, and donations of time and talent from members of the community. Anyone requesting further information can contact ORC members Ray Vollrath, WD9HOD, or Jim Albrinck, K9QLP.

In addition to unit one, Cedarburg EG has a light truck with a 15 kW generator; pickup trucks and SUV's, all 800 MHz radio equipped, and a new Command Vehicle with a large meeting Room for 8 people, TV, Land Line and cell phones, and 800 MHz radio. This unit was a former Snap-On tool van and was purchased with donated funds from the hometown Heroes benefit sponsored by KAPCO in Grafton and labor donated by EG members. Again,

this equipment is available at no charge to the governmental units in Ozaukee County and surrounding areas.

CW CONTESTING: THE “OLD DAYS”

CONTESTING 101: Q-How do you send CQ in a CW contest? Ans.-Punch F1 on your computer keyboard. The computer will then send, perfectly, whatever CQ message you have programmed into it, and do it as many times as you punch the button. And, it will do the same for all other bits of information required during the message exchange. Simple, efficient, and reliable. Pretty neat, huh? But it wasn't always that way. Back in the 1950s and 60s it was a whole different ball game.

Before computers we had programmable fully automatic keyers (which would send the various messages at the push of a button), and before that we had fully automatic keyers (which didn't have any buttons), and before that we had semi-automatic keys, better known as “bugs”. You made dits on the bug by pushing the paddle to the right with your thumb, and holding it until the required number of dits were completed. You made dahs by pushing the paddle to the left with your right forefinger, once for each dah. So if your call happened to be W0EJA (mine at the time) you would hit the paddle 11 times with your forefinger just to send your call, plus 5 more for the CQ . What this added up to if you were a serious contester was something like 5 trillion hits on the paddle with your right forefinger just through the process of CQ'ing. As you might guess, the result usually was a big fat blister on that finger, and if it broke before the contest ended you were in big trouble. That gave birth to my “blister fixer CQ machine”

The fixer was an audio tape loop with the CQ message recorded on it. I ran the recorder output through a processor to square up the CW pulses, and into the keying circuitry in the transmitter. It worked fine until the tape broke. Bummer—down time. Crude, but it worked, sorta. Sometimes its fun to look back and chuckle a little at the “good old days”, but I really prefer computers.

Reported Scores:

Nov. SS-CW:

W9LO	517 Qs,	76 Sections
N9FH	402	74
W9KHH	251	75
W9XT	95	?

Nov. SS-Phone

W9XT 300Qs ? Sections

CQ Worldwide DX Contest-CW

W9XT 664 Qs, 340 Countries, 125 Zones

Coming Up In Dec.:

Dec. 2-6 ARRL 160 Meter Contest-CW Rules in Nov., 2004 QST, page 105

Dec. 11-12 ARRL 10 Meter Contest-CW &Phone Rules in Nov., 2004 QST, page 104

Have fun contesting. Bob, W9LO

ARES - Here is the link to the WI ARES/RACES Apparel Site.

http://www.wi-aresraces.org/apparel_ordering.htm

Silent Key's

De Gregg Lengling, W9DHI

Sad to report that Charles “Charlie” Imbruglia, WA9CPE, long time member of the ORC passed away on Wednesday October 20th, 2004. Charlie was a Pearl Harbor Survivor and could usually be seen in the parades in Cedarburg on his Motor Scooter. He used to live on Bridge Street in Cedarburg but in later years moved to Jackson. He will be greatly missed as a friend, neighbor and fellow ham. 73's Charlie.

Some of our old timers may recall Herb Christensen, WB9DRO who lived in Wales. Herb passed away October 6th. He is survived by his son Jay who is also a ham. 73's Herb.

The Mentor Program

De Tom Ruhlmann, W9IPR

The purpose of the Mentor Program is to make sure that new members are made welcome to the ORC and that our Technician Class members have a contact with whom they can consult as related to technical, operating, license and club matters.

Essentially, member volunteer to be “mentors” and they are then assigned to new members as they join the club. In other cases, existing members have requested a “mentor” or “Elmer” to assist them in the resolution of some specific problems.

“Mentors” may also be assigned to new members with General, Advanced and Extra Class licenses to assure they are assimilated into the various activities of the club.

It is expected that the “Mentor” establishes contact with the assigned new member and make sure they are made to feel welcome at the meetings and encourage them to participate in the various activities of the club. When the new member is a Technician Class “Ham” and desires to progress to greater operating privileges via learning the code and/or earning the General Class license, it is expected that the “Mentor” will guide them through the process.

The current “Mentor” teams are:

Stan Kaplan	- Nancy Sticker	T+
Jim Albrinck	- Kevin Steers	G
Tom Ruhlmann	- Steve Stevens	T
Mark Tellier	- John Laske	G
Jim Hillins	- Muhammed Jamal	T
Ray Totzke	- Gary Klupper	T
Gary Sutcliffe	- Mike Yuhas	T
Bob Truscot	- Lyndel Davis	T
Tom Nawrot	- Mark Potash	T
Julia Nawrot	- Naomi Potash	T

If you would like to volunteer to be a “Mentor” and make our newer members feel welcome and productive, give me a call at 377-6945 or send me an e-mail at teruhlmann@sbcglobal.net

Minutes – Nov. 10th, 2004

De Carol Szudrowitz, KC9CBC

Announcements

The Coffee Kitty is coming up short. So when enjoying friends and goodies don't forget to look for the kitty and donate. Also during the program, try not to move around the senior center unless it is an emergency. Sometimes this is distracting to others and the speaker.

ARRL is restarting a program where clubs receive a commission for new members and renewals of membership for ARRL. Keep this in mind when encouraging other hams to join the club.

Grafton Christmas Parade is coming up. This is an annual event where we help with communications. It gives us a chance to practice using radios for emergencies and fun. If you can't help this year put it on your calendar for next year. It is always the Saturday after Thanksgiving.

ULS System is down indefinitely. New licenses are goofed up in numbering, and it is not a good time for renewing.

Nominating Committee is needed. Call Vic if interested. He will not run again due to business time constraints and traveling.

Program

Mark AB9CD gave a very entertaining and informative program on “Putting up a Tower”. Mark gained a tower from another ham two blocks from his home in Brown Deer. When laid off from work this seemed to be a perfect opportunity to move the tower. After numerous meetings with neighbors to inform them of his intentions and the village of Brown Deer to satisfy their concerns Mark was able to begin. He used a hydraulic jack and 2 by 4's to take it apart. The village was concerned with height, neighborhood concerns, and electrical wires. After being persistent and answering all concerns such as changes to the environment, technical questions on installation, and appearance, Mark was able to do it. He needed a building permit and a few other documents to present to the citizen's appeal board. A Rohn chart helped with the technical aspects.

Auction – held by Stan WB9RQR

Business Meeting

Minutes by secretary were approved as published in last newsletter.

Treasurer's Report was approved as shown on report handed out at meeting.

Repeater Report

Telephone costs about \$ 20.00 a month for repeater control and the autopatch. Motion was made to have club continue to pay for it until we need to move, by Steve K9DXT and seconded by Nels WA9JOB. Dick K9CAN checked out the repeater as the power level was down. Output tubes are showing age as they are almost 2 years old. He tweaked the machine back to normal power. The 440 repeater at KK&LL is working well and the 220 repeater at the barn is playing well.

The barn where the Two Meter and 220 MHz. repeater is located is for sale and if and when it is sold we will have a reasonable amount of time to move the repeater. Field Day stuff is already moved. Saturday morning after breakfast we need a group to put an antenna on the Grafton Fire House as that will be the control point after we do move. Fire Chief Dave, NN9SW will help install it. We will not auto patch after the move.

OZARES

Jon KB9RHZ reported that a new vertical HF dipole antenna was installed on the Justice Center. December 2 is the next meeting.

Scholarship Fund

We sold a Drake TR 7 and a speaker as it was returned by emergency management.

Audit Committee - Kent N9WH and Steve K9DXT

By Laws Committee - Tom W9IPR

Awards Committee - Jim K9QLP and Gregg W9DHI

Old Business

Thanks to Gregg W9DHI for publishing the November Newsletter. It was great.

New Business

Post Everything Party is February 26, 2005. Julia KB9WBQ and Tom AA9XK are Co-Chairmen.

Dave N9UNR will reserve the Waubedonia shelter in the riverside park for the Corn Roast next Aug.

Stan WB9RQR made a motion to close the meeting and Gregg W9DHI seconded it.

Attendance

KA9DDN, Gary WI9M, Jon KB9RHZ, Ed AA9W, Kent N9WH, Gregg W9DHI, Dave N9UNR, Jim K9QLP, Jeff WB9PZD, Bernie AA9CI, Steve K9DXT, Nancy KC9FZK, Herb WA9UVK, Bob WQ9N, Ed AA9WW, John KC9FJX, Terry KA9RFM, Tom W9IPR, Naomi WQ9AAD, Mark WQ9AAH, Tom AA9XK, Julia KB9WBQ, Jane KB9SYI, Chris N9VKC, Mike KC9GDV, Ray W9BUJ, Paul KB9WCC, Ray W9KHH, Roger W9UVV, Mark AB9CD, Carol KC9CBC, Vic KB9UKE, Stan WB9RQR, Ben K9UZ, Nels WA9JOB, Gene KB9VJP.

***Merry Christmas to all you
ORC Members and your
families and may we share
our many gifts throughout
the year***

Post Everything Party

February 26, 2005

**American Legion Clubhouse
Peter Wollner Post 228
W57 N481 Hilbert Ave.
Cedarburg**

**Cocktails 6:00
Dinner 7:00**

hors d'oeuvres before complete buffet dinner

recognition for spouses

entertainment after dinner

presentation of annual awards

(\$20.00 per person)

Don't forget to bring your usual gag gift
of ham radio or computer "junk"

and

a nice, but not expensive, gift for the ladies exchange too !

!!!!!! Reservations required by February 18th !!!!!

2004 ORC Post Everything Party Reservation Form

Callsign _____ Number attending ___ X \$20.00 = _____

Names of those attending _____

Make your check out to Ozaukee Radio Club and send to -

Julia Nawrot KB9WBQ 10335 N. Grasslyn Road Mequon, WI 53092

Ozaukee Radio Club, Inc

2005 Membership Application/Renewal Form

Call Sign _____ Year first licensed _____ Age _____

Novice No-Code Tech Tech Plus General Advanced Extra

Name: _____ ARRL Member? Yes No

Address: _____

City: _____ State: _____ Zip: _____

Phone No. (day) _____ (evening) _____ Speed # _____

E-Mail _____ (if you want to be listed on ORC Web page)

Areas of interest:

HF UHF-VHF Construction Projects Antenna Computers Satellites APRS CW
 SSB AM FM Digital Modes Portable Mobil Fixed Fox Hunt Ground
Systems Software QRP Contesting ARES Community Service Collections
 WAS & DXCC Boat Anchors Linears Newsletter "Elmer'ing" Presenting Programs
 Photography Club Magement Community Service Test Equipment Equipment
Repair & Restoration Surfing the net

Full Membership (supports club and repeaters) \$15.00 OR

Club Membership (supports club only) \$7.00

• Family Membership

Make check payable to:

Ozaukee Radio Club c/o Tom Nawrot (AA9XK)

10335 North Grasslyn Road, Mequon, WI 53092

The newsletter is available at <http://www.ozaukeeradioclub.org/>. (web site version encouraged)

Do you also require a hard copy through the snail mail? Yes No

Spouce's Name: _____ & call sign: _____

Comments: _____

AGENDA

December 8th, 2004

1. Call to order – Vic (KB9UKE)
2. Introductions.
3. Announcements, Upcoming events, Etc.,
4. Program:
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.
12. OLD BUSINESS
13. NEW BUSINESS.
14. Adjournment to ?

Return undeliverable copies to

The ORC Newsletter

465 Beechwood Drive
Cedarburg WI* 53012

First Class

Next ORC Meeting

Grafton Senior Citizens Center

1665 7th Avenue, Grafton

Wednesday, Dec. 8th

7:30 PM