



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:
<http://www.qsl.net/orc/>**

Volume XXI

April 2002

Number 4

The Prez Sez

By Leon Rediske K9GCF

Soon the weather will be warm and Hams will turn their thoughts toward Field Day. This year we will try to do even better than we did at last years record setting event. Bob Truscott, W9LO, and I will be checking out the bandpass filters next week. We will hold several meetings regarding Field Day planning. If there are folks that have not attended previous planning meetings, and would like to attend and help us to plan for the biggest and best Field Day ever, contact Leon, K9GCF & we'll count you in.

The Scholarship Committee is to take up the idea of changing our club's requirements for applicants from a 4-year college to a 2-year associate degree. Or shall we keep our requirements as they are? Approximately half of the Radio Clubs sponsoring scholarships require 4-year colleges.....

Superfest is coming up at Amateur Electronic Supply, 60th and Good Hope road, April 5 & 6. That is an event not to miss. We still have a few openings to help man the tables at this event. If you can help us, give Jon, KB9RHZ a call. We'll see you there! Anyone know where the OZARES banner is? Let me know if you do.

Don't forget Dayton.....the Ham's Mecca. That is coming up May.....17 thru 19. If you've never been there, get there!

For last minute breaking news, check in to the ORC's informal net, 146.970Mhz, Southeast Wisconsin's PL of 127.3, Tuesdays at 7:45 PM

for the ARRL Audio News, 8:00 PM for the check-in portion of the net. See you there!

Just Another Shack

Here we see Kent Christiansen, N9WH, making his first PSK-31 contact with his new Rigblaster on 20 meters. Kent is getting out using his Kenwood 950SDX transceiver, NyeViking antenna tuner and a 500+ foot "loop" antenna strung "around" the back yard.



He is using Digipan 2 software on an older CITUS 100 (100MHz) computer with a sound card.

Kent first got interested in radio in the navy while commanding a small boat lost in the fog when all three radios on board failed. That would gain your interest. Many years later, in 1992 he earned his Technician + ticket at the urging of a fellow worker who was President of the MRC. In May of 2000 he then upgraded to an Extra class. Kent's daughter Enid, KB9TDC, also occasionally uses the rig.

So where did it all begin?

By Ron Yokes W9BCK

How did the Ozaukee Radio Club come into being?" I have been asked by Tom Ruhlmann W9IPR, ORC newsletter guy.. Well, as editor for the QCWA Wisconsin Chapter 55 letter, how could one such as I refuse to retell an oft-told ever-changing story of ORC origin? Ego and Vanity forbid me not to give it yet another try. So here goes.

In 1956 Bob Truscott, W9LO (then W9NYJ), asked me to come to Milwaukee to assist in the building of WITI-TV channel 6. Earlier, in 1953, Bob called me away from RCA to assist in the building of WREX-TV, Rockford, Illinois. That task accomplished, my move to Wisconsin tied an everlasting, enduring knot of friendship and professional relationship with Bob.

We both lived in Ozaukee County and both of us were hams. Naturally we looked for ways to promote amateur radio activity twixt' ourselves and other hams that came to work for channel 6: Dick Neary W9VBA (SK), Ray Brunette W9BUJ (founder, Lakeview Electronics at I-43 & Hwy C), Charles Balkwill K9MAU Grafton (the Mau-Mau-Man). Initially, by Bob's incentive, the Channel Six Radio Club was informally formed. Not long after, I became involved with Ozaukee County Civil Defense and became RACES Radio Officer for the County. Soon, other County hams were attracted to our informal group. Verne Teske W9RYA and Bill Vosburg W9VLL, Grafton; Hal Giese W9RYA, Bert Klopp W9OFM, Jeff Klopp WA9USA, Harvey Goldberg W9??? and Ed Bach W9BMA Port Washington (SK); Joe Collins W9PYM (SK) Mequon, and others my memory fails to recall. Somehow, this group received permission to use the "Hill School" located on the NE corner of Hwy's 32 and 33 in Port Washington as a meeting place...sometime after 1963 the school burned and no longer exists. A playground and park currently occupy the former school land parcel.

Faced with the problem of presenting the Ozaukee County Board of Supervisors with a credible roster of RACES participants dedicated to providing voluntary emergency radio communication in event of a Civil Defense emergency, I presented the situation to our Hill School radio group during a meeting and suggested that we form an outfit (that later became known as the ORC), to dig Ozaukee County hams out of the woodwork to join our group, form a radio club, and by the way, join RACES too. Verne reminds me that

W9PYM volunteered to scan his callbook for hams living in the area that we could contact. The scheme worked, guys came out to join us, and the County Board, apparently impressed that we meant business as a volunteer group to offer emergency radio services, awarded a few thousand dollars to purchase six-meter fixed and mobile radio gear...a first for Ozaukee County, well noted for it's frugality. Now, the club's movers and shakers took over, my job as catalyst in the process essentially complete. As is my style, I retired to the background and was eventually transferred to California in 1963 to help establish a budding cable systems operation there for Storer Broadcasting, then owner of channel 6.

After the loss of Hill School, meetings were eventually moved to Cedarburg to an underground Civil Defense facility located just south of the now defunct Cedarburg Electric generating plant on Cedar Creek near the dam and across Cedar creek from Barth's. Low, concrete ceilings made for a few unexpected headaches and egg-sized lumps on radio skulls. The place was stocked with military type emergency rations and water to sustain life during an atomic bomb attack that we all expected momentarily. We, the emergency radio gang, were expected to survive in our underground nest.

Sometime in 1963, (I think), Ed Bach W9BMA President and Attorney, presented a plan to incorporate the ORC. This was the beginning of a more formally structured ORC.

While away I tried to keep up as best I could with the ongoing affairs of the club through sporadic but continuing contact with Bob, now W9LO (I think). I returned to Grafton and ORC membership in 1976 after an absence of thirteen years and revived a dying if not already defunct newsletter after I opened an RCA broadcast systems sales office in the Grafton State Bank building, then the new Grafton Taj Mahal. A few years later, Stan WB9RQR called a meet at his PW home to collect, among other things, a historical file of the ORC. A canvass of members yielded an almost complete collection of past newsletters defining origins of events and member activities of the club. The "file" exists somewhere, maybe even in Ozaukee County, but just where is hard to know, since the ORC has become so completely organized it will take a Congressional investigating committee to unravel the trail to ORC origins.

So, when did ORC begin? When was the acorn planted? My own recollection, based upon goals I envisioned for a voluntary amateur radio emergency communications group placed the date between 1957 and 1959. I rely on the memory of others more reliable than my own to correct a likely mistaken chronological recollection.

Best regards to the ongoing crop of ORC EMCOMM bearers of the ever passing torch.

Ron, W9BCK...the "Cheery Curmudgeon"

Upcoming Events

- April 5 & 6 – AES Superfest
- April 10 – ORC Meeting
- April 11 – ARES class
- April 13 – Concordia U @ St. Paul
- April 14 – Madison Swapfest @ Stoughton
- April 25 – ARES class
- May 4 - ORC Swapfest @ Circle B**
- May 17,18&19 – Dayton Hamfest
- July 6 – South Milwaukee Swapfest
- Sept. 21,22 & 23 Peoria Superfest

Web Sites of Interest

http://www.qrparci.org/	QRP projects
http://www.dxzone.com/	Ham web sites
http://www.bambi.net/sara.html	Astronomers
http://www.amradiotrader.com/	Ham traders

Collections



Fred Linn (W9NZF) and Gary Sharbuno (WI9M) discussing some of Fred's collection of manual and semi automatic telegraph keys.

NS9RCfest - The Grayslake Hamfest on March 24th was really great. Two huge halls full of stuff you always wanted but could no longer find. The "lost" was finally found. It is only 78 miles door to door and an easy drive. I ended up finding a meter for the antenna rotor control box I originally bought at our own ORC Hamfest for \$10 – now it all works. **REMEMBER, the ORC 2002 Hamfest is at Circle B on May 4th** – see you there.

Nets of Interest

MHz	Mode	Day	Time	Org.
146.91	- FM	Sunday	9:00 PM	Swap Net
3.985	LSB	Daily	6:00 AM	Weather
7.284	LSB	Saturday	9:00 AM	EAA
28.365	USB	Wed-Sun	8:00 PM	10 - 10



Gene Szudrowitz (KB9VJP) is browsing the Tower Electronics components display at the North Shore Radio Club Swapfest in Grays Lake IL

IT'S HAM CLASS TIME

ORC will be holding its annual Technician Class License class beginning April 6. Each Saturday morning starting at 9:30 and running for about seven weeks. Several "learned" members of the club will be presenting the information needed to obtain the FCC license. The location is the Justice Center at the intersection of highway LL and S. Spring Street in Port Washington. All of the required topics will be covered with slide presentations and hardware demonstrations. The classes are free of charge but the purchase of a Radio Shack book is recommended. All ages and genders are welcome. Our youngest successful student was nine years old and the oldest was a very senior, senior citizen. The FCC license testing will be held at the conclusion of the class.

Contact Ed Rate, AA9W or Leon Rediske, K9GCF for details.

Upgrade anyone?

It appears that about 40% of our club has a "No Code Tech" or "Technician +" license. If 5 or more are interested in participating in an "upgrade" class let me know. I would be glad to establish a curriculum and a class schedule agreeable to all. We could also have a code session using the 146.97 repeater as well as participate in the current code sessions on 146.91.

While you may not feel you would enjoy operating CW, it is the key that can open the really interesting world of SSB on HF. There are so many exotic foreign countries yet to be contacted and so many really big antenna to be constructed.

I am sure there are others that would also enjoy leading some of the theory and code sessions – it is always more fun in a group. Feel free to contact me at 262-377-6945 or at teruhlmann@cs.com to see if we can get something going.

The Computer Corner – No. 98. Managing Your Hard Drive By Stan Kaplan WB9RQR

Today's new computers come with 20, 30 or 40 Gb hard drives or larger. If you purchased one with the operating system already installed, you may find several 8 Gb partitions (logical drive C:, D: could be 8 Gb with a 4 Gb drive left over as E:, in a 20 Gb physical drive). On the other hand, if you had a slightly older system and later upgraded to a 20 Gb hard drive, you might have as many as five logical drives (C:, D:, E:, F: and G:), each about 2 Gb in size. Worst of all, there may be unallocated space on your hard drive - wasted space that is not available for your use or for use by your operating system. So, what is this all about? How can you manage it all? What are the rules of the game? How can you change stuff to your advantage and preferences?

(Extracted from and continued in the Badger State Smoke Signals. www.bsss.com)

For Sale, Trade or ?

HF station: Kenwood TS520 transceiver with Koss headphones, desk microphone, Swan SWR meter and 10 through 80 trap dipole antenna complete for \$450 – contact W9VSC @ 262-377-0426.

Wanted

Your input to the newsletter. Have you something to sell or trade? Give the other members a chance to help you clear your basement.

Would you like to see articles continued in the newsletter? It requires that you also share some of your experiences and knowledge. One of the best ways to learn a subject is to write about it in such a way that others understand and are either entertained, gain new knowledge or are motivated to do something. Why not share the experience of your first "ham" exam or your first contact with the group? What about that last gadget or antenna you built? Why not share the details with the club? Who was your favorite "Elmer"? Why not share with us just what made them special? The newsletter will continue to have interesting articles as long as you realize that the rest of the club is interested in what you are doing and you are willing to share that experience with them occasionally via an article in ORC the newsletter.

Send your inputs to teruhlmann@cs.com.

From the ARRL Newsletter

==>ARRL ASKS FCC TO ELIMINATE, "REFARM" NOVICE CW BANDS

The ARRL has asked the FCC to eliminate the 80, 40 and 15-meter Novice/Technician Plus CW subbands as such and reuse that spectrum in part to expand the phone allocations on 80 and 40 meters. In a Petition for Rule Making filed March 22, the League requests that the FCC revise its Amateur Service rules in accordance with the modified Novice band "refarming" scheme the ARRL Board of Directors Okayed in January. The Petition has not yet been put on public notice for comment.

"The opportunity to eliminate the Novice and Technician-Plus telegraphy subbands and the reapportionment of those inefficiently deployed segments will allow alleviation of significant, sometimes critical, overcrowding in the popular Amateur HF allocations," the ARRL said in its Petition.

The ARRL also cited "substantial advancements in the use of digital techniques" in the HF bands--such as PSK31--to bolster its assertion that a refarming plan for the underutilized Novice HF subbands "cannot wait longer and must proceed now." The refarming plan adopted was based on the recommendations of the ARRL Novice Spectrum Study Committee following a survey of the amateur community last year. Under the proposal, no operator class would lose privileges, and most would gain.

If the FCC approves the plan, current Novice and Technician Plus (i.e., Technician with Element 1 credit) licensees would be permitted to operate on the 80, 40, 15 and 10-meter General-class CW allocations at up to 200-W output. For General and higher-class operators, the ARRL wants the FCC to implement changes in the 80, 40 and 15-meter "phone" bands.

On 80 meters (3500-4000 kHz), phone privileges would begin at 3725 kHz for Extra, at 3750 kHz for Advanced and at 3800 kHz for General--another 25 kHz for Extra and Advanced operators and another 50 kHz for Generals. On 40 meters (7000-7300 kHz), phone privileges would begin at 7125 kHz for Advanced and Extra and at 7175 kHz for General--25 kHz more for Extra and Advanced operators and another 50 kHz for Generals. On 15 meters (21,000-21,450 kHz), phone privileges would begin at 21,200 kHz for Extra, at 21,225 kHz for Advanced and at 21,275 kHz for General--no change for Extra and Advanced but 25 kHz more for General.

On 10 meters, the ARRL has recommended no changes other than to accommodate CW, RTTY and data by Novice and Tech Plus licensees at 28.0 to 28.3 MHz.

The ARRL suggested that its proposed configurations strike the right balance between the need for additional phone spectrum and the important goal of encouraging further development of narrowband data modes in the CW segments.

The ARRL's "omnibus" petition also asks the FCC to permit amateurs to use spread spectrum on the 222-225 MHz band; expand the pool of special event call signs beyond the 1x1 format to include identifiers for US territories and possessions that do not provide for mailing addresses; clarify its rules to indicate that modulated CW

(MCW) is permitted for repeater station identification; and to incorporate into its rules a 1990 FCC waiver authorizing amateurs in certain areas of Colorado and Wyoming to operate on certain segments of the 33-cm band.

The League invited the FCC to consolidate its omnibus petition with other pending Amateur Radio-related petitions now before the FCC.

A copy of the ARRL's complete Petition for Rule-making is available on the ARRL Web site <<http://www.arrl.org/announce/regulatory/refarm/>>.

Tips and Tails

Need a 1/2" insulated shaft coupling? Try a short length of 1/2" PVC tubing and a couple of hose clamps.

Save those tuna tins from Lent – they make great parts holders when dismantling stuff.

ORC SWAPFEST – May 4th

Circle B at Hwy. 60 and Hwy. I

Last year we sold all 95 tables and made \$1400. That's how we supported events such as our field day so it is important that we support this year's Swapfest with our volunteer efforts and attendance – plus it's a great time.

There will also be Amateur License Exams administered from 9AM to 12 Noon by the Badger Examiners c/o Gary (WI9M).

Gene (KB9VJP) needs 5 volunteers for setup on Friday evening at 6PM. He also needs 4 to handle ticket sales and 2 to establish and operate a "call in station" at the event on Saturday.

Tables are \$10 and admission is \$4. We plan to have a "Club Table" again this year where you can leave your stuff for sale at a 10% commission. This is the best way to go if you don't have more than \$40 of good stuff or you wish to roam the event rather than man your table. Also, if you wish to donate "good stuff" to the club, this is a way to do it.

Call Gene to volunteer at 377-6792. See you at the ORC Swapfest May 4th.

Minutes

March 13, 2002 Ozaukee Radio Club Meeting

By Nels Harvey, WA9JOB, Secretary.

Call to order and introductions: The meeting was called to order at 7:32PM at the Grafton Senior Center by President Leon Rediske, K9GCF. Introduction of members and guests was made.

Events and Announcements: Cindy Douglas, KA9PZG, passed around a sign-up sheet for help at the Saukville River cleanup June 1, 2002. So far, Don, W9VSC, Jane, KB9SYI, and Leon, K9GCF, are signed up, with Jon, KB9RHZ, and Tom, W9LNL, listed as tentative.

Don, W9VSC, has a Kenwood TS-520 transceiver for sale, with several accessories.

The 2002 Turkey of the Year did not yet receive his award, because Ted, KB9RLI, was ill, and unable to attend in order to present it.

The ORC Amateur Radio License Class is scheduled to begin on April 6, 2002, at the Justice Center Emergency Operations Center, for two hours, starting at 9:30 A.M.

A letter was received from Matt, KG9NH, pointing out the ORC Scholarship program limits applicants to those seeking a bachelor's degree. Mat felt the scholarship ought to be made available to those seeking associate's degrees as well. This was sent to the Board for evaluation.

Program: Fred Linn, W9NZF, brought only a part of his large collection of semi automatic Morse code keys known as "Bugs". Besides showing the individual items in his collection, Fred demonstrated what a "Sounder" was like, and told many interesting stories of contests, railroad tales, and the acquisition of some of his collection.

Auction: After the break, Stan, WB9RQR, held his OZARES auction, to benefit OZARES finances and ORC Scholarship funds, before the Business meeting.

Minutes: The minutes of the previous meeting were accepted.

Treasurer's report: The Treasurer's report was passed around due to the absence of Gabe, WI9GC, our Treasurer. Dave, N9UNR, moved to accept, subject to audit, and Gary, WI9M seconded. The report passed by voice vote.

Repeater Report: The repeater Vice President, Dave, N9QA, reported that he still has made no progress in retrieving the equipment held by the former repeater Vice President. The 220-repeater amplifier is still out, but all three repeaters are otherwise working. Dave plans to put the KK & LL link back in service soon, with some borrowed equipment.

WA9MME, Ted, KB9PQZ, Ron, W9BCK, Paul, KB9WCC, and Fred, W9NZF.

Swapfest Report: Gene, KB9VJP, reported he has sold about 25 tables. Anyone going to a swapfest before ours is encouraged to take flyers promoting our swapfest along.

OZARES Report: Jon, KB9RHZ, reported that the next meeting was scheduled for March 21, due to the Easter Holy Day on the 28th, and will be the first session of the M-Com classes. The other M-Com class dates are April 11, and April 25, the next regular meeting night.

Old Business: No old business, but Tom, W9IPR, has sent newsletters and meeting invitations out to 12 area Hams, in an effort to supplement the ORC membership. Tom is looking for volunteers to reach out to others.

Tom, W9IPR, also wants to organize an upgrade class, to possibly bring the one third of the ORC members who are at the Technician level to a higher class of license.

New Business: Ernie, K9LO, moved to send the Website sponsor, Al Waller, W3TJK, \$1.00 per member, per year, for the services. Seconded by Tom, W9IPR, the motion was withdrawn by Ernie, and replaced with a motion to direct the Board to examine the issue. Seconded by Greg, W9DHI, the motion passed by voice vote.

Adjournment: The business meeting was adjourned at 9:35 P.M.

Next Meeting: The next meeting will be held on April 10, 2002, at the Grafton Senior Center.

Attendance: Nels, WA9JOB, Dave, N9UNR, Stan, WB9RQR, Bernie, AA9CI, Jon, KB9RHZ, Tom, W9IPR, Vince, KB9ZOT, Gene, KB9VJP, Bob, W9LO, Brian, N9LOO, and his wife Angle, Kent, N9WH, Terry, KA9RFM, Ray, W9KHH, Jim, K9QLP, Don, W9VSC, Dave, N9QA, Greg, W9DHI, Vic, KB9UKE, Jim, N9WIU, Ernie, K9LO, Mike, WJ9O, Dale, N9NNE, Herb, WA9UVK, Ben, K9UZ, Paul, KB9WCC, Ed, AA9WW, Gary, WI9M, Skip, KA9DDN, Cindy, KA9PZG, Peter, KB9URH, Bill, AA9OS, Tom, W9LNL, Jeff, KB9QQE, Dick,

AGENDA

April 10th, 2002

1. Call to order.
 2. Introduction Members & Visitors
 2. Announcements, Upcoming events, Etc.,
 3. Program: To Be Announced.
 4. Fellowship Break
 5. Auction
 6. Acceptance of Minutes as printed.
 7. Reports:
 - a. Treasurer's report – Gabe (WI9GC)
 - b. Swapfest – Gene (KB9VJP)
 - c. OZARES report – Jon (KB9RHZ)
 - d. Repeater report – Dave (N9QA)
 8. Outstanding Committees
-
9. Old Business - Open to floor
 10. New Business - Open to floor
 11. Adjournment
 12. Continued Fellowship Gathering @ John's Pizza. Everyone's invited.

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, April 10th @ 7:30 PM

ORC Swapmeet

May 4th @ Circle B 8AM to Noon