



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.



AMATEUR RADIO

**ORC Repeaters on 146.97, 224.18 and 443.750 MHz -
Callsign W9CQO Web site: <http://www.qsl.net/orc/>**

Volume XXI

May 2002

Number 5

The Prez Sez

By Leon Rediske K9GCF

The first big ham event of the month is OUR Swapfest, Saturday, May 4, 2002, at the Circle B, Cedarburg.. Gene Szudrowitz, KB9VJP, has been doing his usual incredible job of planning, advertising, and promoting this event. However, Gene needs your help on Friday evening, May 3, beginning at about 6 PM for set-up. Then we need help from 0600 to about 2 PM on Saturday, May 4.. Last year, we needed more help packing up and vacating the room. So if you cannot help us with the morning, please help with the afternoon. This event is our only money raising event, and if we don't sell it to the ham community, and make money, our dues will have to rise. So please help with making this event a success! Give Gene or me a call to indicate the time and area you will help. Gene (262) 377-6792 or Leon (262) 377-1080.

May 17-19 is the pilgrimage to ham Holy Land, Dayton Ohio, the biggest ham gathering in the world! If you are able, join in the fun and go there. You'll see every type of ham character in the world, including one fellow that walks around with a hard hat on, and a miniature tower on top of that. The tower even has lights. Every possible ham manufacturer is they're hawking their wares, and the biggest flea market you've ever imagined with anything electronic is also there. I've even seen equipment covered with mud, looking like it just had been recovered from a swamp, and that stuff is for sale also. Some of it at high prices no less. You've just "Gotta see it to believe it."

ORC FIELD DAY event, will be held June 21-23. Do you have some ideas as to how we can improve our operation over past years? The first of

several planning meetings was held April 23, but we are planning to hold more meetings. Bob, W9LO, has been doing some testing of bandpass filters and EMI/RFI filters, and will share his findings with the group. We invite each and every one of you to attend future planning meetings, so please contact Leon, K9GCF, or Gary WI9M, who will inform you of the date, time and location.

We also need help with all aspects of Field Day, so please help us when and where you can. The 2002 rules are in the May QST, page 108. Read them, as we may need to change some of our operation to conform with the new regs.

73's for now, and see you all at the ORC meeting, May 8, the second Wednesday.

Forever Learning



The ARRL "EMCOM" training sessions are well attended with 15 of the attendees being from the ORC. It is a program conducted over 3 evenings during which are presented the unique techniques of conducting emergency communications as members of the ARES and RACES amateur radio groups. The sessions were conducted by Bill Stolle (N9VBJ), Stan Kaplan (WB9RQR),

Jack Morrison (N9SFG) and the OZARES coordinator, Jon Gilmore (KB9RHZ).

Ed Rates (AA9W) "Ham Radio 101" class is very well attended with 10 participants – this is sure to lead to new members and ideas for our ORC.

06/02/02–Starved Rock Swapfest– Princeton, IL
 06/22-23/02 – Field Day
 07/06/02 – So. Milwaukee Swapfest
 08/10/02 – Circus City Swapfest - Baraboo
 09/21&22/02 –Chicago FM Club - Grayslake IL
 11/02 /02 – MRC - Swapfest – Waukesha Expo
 01/04/03- WARAC Swapfest – Waukesha Expo

Web Sites of Interest

Http://groups.yahoo.com/group/Hammarlund	Hammarlund collectors
www.qrparci.org/	Promotes QRP
www.dxzone.com/	Links to "ham" sites
www.shopstop.net/bats	ATV - Baraboo
www.cl.ais.net/farcir	FAR Circuits PCB's for QST etc. project articles
www.ncdzf.org/beacon/beaconSchedule.htm	Beacon transmission schedules

Riverfest River Cleanup

By Cindy KA9PZG

Just a quick reminder to all of you who might be interested in helping provide communications for the 7th Annual River Fest River/Park cleanup in Saukville on Saturday, June 1, 2002. Donuts and coffee will be provided for those helpers prior to the event at Grady Park, downtown Saukville. After the event, all participants are treated to lunch in the park and given a token gift for their help.

Please contact me via email/phone/radio if you have any questions or want to sign up. Your help will be greatly appreciated by all!!

Nets of Interest

MHz	Mode	Day	CDST	Org.
4.65	SSB		21:00	ARES
14.292	SSB	Sunday	14:30	Vintage
14.292	SSB	Sunday	15:30	Heathkit
7.284	SSB	Saturday	09:00	EAA
147.045	CW	Mon-Wed	18:00	Practice

Upcoming Events

04/23/02- Field Day Cmmt. @ Leon's
05/04/02 - ORC Swapfest - Circle B
 05/19-21/02 – Dayton Hamfest

Just Another Shack



When Nels Harvey isn't working on the repeater you might find him working HF on his Kenwood TS850S. For PSK-31 he uses his Rigblaster. On 6 meters he uses a "Regency" that he converted from the fire department frequency while his ICOM 3210 does a nice job on 2 meters and 70cm. His home base antennas consist of a Butternut vertical, extended G5RV and an 11 element Yagi on 2 with "Ringo's" on 220 and 440. Nels rounds out his operations with HT's, an ICOM in one vehicle and a Yaesu FT100 in the other. Nels earned his original Technicians ticket in 1963 followed by his General, Advanced and Extra tickets all in 1994. Over the years he has been an instrumental member of the Milwaukee Repeater Club and the "91" system as well as our ORC. Since retirement as a Radio Engineer from Channels 10/36 he consults with Evans Associates in Mequon.

Out of this world

This month's program will be about communicating via satellites. Gary and Jeananne Bargholz took their satellite communication equipment with

them vacationing, to an island in the Caribbean, and do they have a story to tell. Gary will also tell what frequencies and equipment to use and how to communicate through satellites.

For Sale, Trade or ?

Kenwood TS520 + speaker, headset, mic, antenna & SWR meter – complete HF station.

Winchester Md. 12 A Shotgun

Contact Don Belstner (W9VSC) – 262- 377-0426

ICOM745 Transceiver – all mode, all band and with power supply etc. - \$525 –

Contact Ben (K9UZ) @ 262-242-6000

HT202X- 2 Mtr. HT- Realistic - \$75 or ?

Contact Leon (K9GCF) at 262-377-1080

Computer Corner: The First 100 on CD-ROM

Several years ago, Stan Kaplan (WB9RQR), author of the Computer Corner column in BSSS, released a compilation of the first 48 articles. A very strong response indicated that readers want a complete set of the articles. We now announce the release of the First 100, on CD-ROM.

All 100 articles are in Adobe Acrobat (. pdf) format, and there is an Index of Titles as well. Furthermore, the powerful search and link capabilities of the Acrobat Reader have been harnessed to make use of the CD-ROM a snap.

In the Index of Titles file on the CD-ROM, a click on any title will take you to the complete article, and you can switch back and forth between the articles and Index at will. Moreover, you can perform searches for individual words, and the search results will show all articles that contains those words. A click will take you to any article in the list of those found, and the search words in that article will appear as highlighted text. Clearly, these capabilities make the CD-ROM a valuable reference tool for quickly finding topics of interest.

If you don't have a copy of the Acrobat Reader, or if your copy is old, the latest version (5.0.5) is included on the CD-ROM, along with installation instructions.

The CD-ROM, including all the files and the Adobe Acrobat Reader, will be mailed to you for \$15.00 postpaid. Send your order with payment to the address below. Sorry, no credit card orders. Proceeds will benefit Wisconsin ARES/RACES.

Stan Kaplan, WB9RQR
105 Martin Drive
Port Washington, Wisconsin 53074-9654

Wanted

Manuals to copy:

Tektronix Type 191 RF signal generator

Tektronix Type 321A portable oscilloscope

Dumont 1062 dual trace oscilloscope

Bearcat 300 Scanner

Silver Md. 906 Signal Generator

Knight RF Signal Generator

HP 209A sine/square wave generator

Contact Tom, W9IPR

No. 99. Win 98's Built-in System Information - Part II

By Stan Kaplan WB9RQR

A couple of months ago we explored Windows 98's diagnostic tools, which are built right into the operating system, albeit hard to find. This month, let us go a bit more in depth, which will expose you to some very powerful diagnostic tools that can help you to tune your system to peak performance as well as solve problems.

Again, click Start, then **Programs**, then **Accessories**, then **System Tools**, and then **System Information** to get to the basic screen. We saw

earlier that this presents you with a listing of a summary of basic information - how Win 98 was installed, the version of Internet Explorer in use, how long Windows has been up and running, the type of CPU in your machine, and so on. We went through the three major divisions shown in the left panel, **Hardware Resources**, **Components** and **Software Environment**.

This time, we will ignore those three major divisions in the left panel. Instead, click **Tools** at the top of the screen, then **Direct X Diagnostic Tool**, which will be present if your machine is multimedia ready. You will probably see eight or nine tabs (the number depends upon what is installed in your computer, so don't be upset if something I describe here is missing). Click **System**

Copied from and continued at www.bsss.org

Another Winner - Again

And who was it that won the grand prize of the Yaesu 817 at the AES Superfest? None other than our own AA9W, Ed Rate. As a follow-up, Ed, Nels (WA9JOB) and Tom (W9IPR) went to the Madison Swapfest at Stoughton and Ed won a new 2002 ARRL Handbook - Congratulations Ed, it's nice to associate with a winner.

Speaking of Stoughton, I picked up an old marine radio - now for the boat.

Meeting after the meeting



Some of our membership seem to think that our meetings are too short so they host another one

to continue the discussions over pizza and beer. This meeting was held at the restrant in the "old Grafton Hotel". All are welcome as this group is in need of some fresh openions.

Contesting

May 4-5

Indiana QSO Party - CW/SSB

ARI International DX Contest (Italy) - CW/SSB

New England QSO Party

May 11-12

Nevada QSO Party - CW/SSB/RTTY

Oregon WSO Party - CW/SSB

FISTS Spring Sprint - CW

CQ-M Intl. DX Contest - CW/SSB/SSTV

50 MHz Spring Sprint

May 18-19 - Anatolian RTTY Contest

May 25-26 QRP ARCI Hootowl Sprint - CW

AB-368 ANTENNA BILL SIGNED!

By Don, W9IXG, Section Mgr.

At 9:20 A.M. Tuesday, April 2, 2002, with the stroke of Governor Scott McCallum's pen, Wisconsin became the Fifteenth State to adopt PRB-1 legislation. AB368 was one of six pieces of legislation signed into law by the Governor today during a special ceremony held at the Oshkosh Senior Center in Oshkosh, Wisconsin. After summarizing the contents of the law, Governor McCallum made a special point of noting the important role that Wisconsin Hams play in providing emergency and public communication support throughout the State.

With the Governor, as he signed the law, were Jim Lackore (AD9X), Wisconsin Section State Government Liaison Officer; Dr. Stan Kaplan (WB9RQR), Wisconsin Section Emergency Communications Officer; Don Michalski (W9IXG),

Wisconsin Section Manager; Gus Wirth, Jr. (W9BTN), Ozaukee County Supervisor and Republican Party official; and the sponsor of AB368, former Wisconsin State Representative Joan Wade. Representative Wade, also, mentioned to the governor and audience that this bill was largely due to the efforts of [Jim Romelfanger, K9ZZ, S.K.](#) (long time Editor of *Badger State Smoke Signals*).

I would, again, like to thank Jim Lackore, AD9X, our Section Government Liaison. In addition to teaming with K9ZZ and the legislators these last 2 years, Jim was answering recent "make or break" questions from the governor's review panel. As was pointed out to me, only 10-15% of bills presented are passed. One of the reasons for the passage is that we were fortunate to have a strong team and large backing of Wisconsin amateur radio operators. In fact, Governor McCallum, in his comments to the audience, acknowledged that hundreds of amateurs were in support of this bill at every step in the process. Our deep appreciation to all of you who took the time to contact your legislators. The system works!

Copied from the Badger Smoke Signals

Tips and Tails

The Maybee's are now active members of the Yellow Thunder Amateur Radio Club.

The term "HAM" dates back to the first amateur radio station at Harvard University in 1908. The radio station was owned and operated by Albert Hymen, Bob Amy and Pogo Murray. They originally referred to the station as Hymen/Amy/Murray. This was quite a long ID in CW and it was eventually shortened to "HAM". They testified before congress in 1911 on behalf of all amateurs to protect frequencies from commercial interests and all amateurs were henceforth referred to as "Ham's".

(Thanks to WD8AAM for the information)

Letters to the Editor

Dear Nels,

I would like to thank you for all the time and effort you spent to analyze, repair, and modify the portable 147.33 repeater radio. It is people like you, who despite their busy schedules are more than willing to take valuable time and do things for just a simple "thank you". You have done a huge amount of work for the ORC and OZARES. On behalf of OZARES I want you to know it is greatly appreciated.

Jon Gilmore, KB9RHZ

OZARES EC

Minutes of the April 10, 2002 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: The ORC swapfest is happening on May 4th. Gene, KB9VJP, wants anyone going to a swapfest to distribute flyers. He also has some posters, suitable for window, or other displays, if someone can get them deployed. Help is needed Friday night for setup, at 6:00 P.M, and we need volunteers to help take tickets at the doors Saturday morning. We need several people from 6:00 A.M. through 11:00 A.M, or so. See Nels, WA9JOB, to volunteer. The Club will have a table for you to place items on for sale. The Club will retain 15% of the selling price for the Scholarship fund.

Dave, N9UNR, asked the group if they wanted to try Ferrante's restaurant for the 'second meeting'. It was decided to give it a try

Lucky Ed, AA9W, won a door prize at Superfest. He then won the grand prize, a Yaesu 817 portable multiband radio. (Editor's note: Ed won an ARRL Handbook at the Madison Swapfest the following Sunday!)

Leon, K9GCF, has a Radio Shack RS202 available from a friend's estate.

Ed, AA9W, expects to receive the donation of an amateur's estate for the Scholarship fund.

Leon, K9GCF, has called a meeting of the Field Day Committee. They are to meet on April 23, at Leon's, at 7:15 P.M. See Leon if you want to join the committee.

Program: Cross band repeating was discussed by Vic, KB9UKE. He demonstrated a simple cross band system using HT's, and explained how he often uses the method to enable his access from his home in West Bend to the repeater. It was pointed out that the Wisconsin Association of Repeaters suggests 446.4125 to 446.4875 MHz. be used as a 'safe' frequency area to be used where no links will be affected. Station ID's are important. Remember to properly ID your transmitters

After the break the business meeting was held.

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.

The Audit Committee, consisting of Vic, KB9UKE, Ed, AA9W, Kent, N9WH, Gary, N9UUR, Gabe, WI9GC, and Tom, W9IPR, are pursuing a Bylaw change to clarify the funding issues with the Repeater Vice President.

Repeater Report: The repeater Vice President, Dave, N9QA, reported that a new padlock will soon be installed at the repeater shack. Otherwise, there is little to report. Everything is status quo.

Swapfest Report: Gene, KB9VJP, reported he has sold about 37 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 M-Com class dates are April 11, and April 25, the next regular meeting night. A severe weather drill by the National Weather Service will

be held at the Justice Center on April 18. OZARES will be included in the drill.

Ham Class: Ed, AA9W, reported the first new ham class had 4 people, but he anticipates more expected this next Saturday.

Old Business: The Club's Turkey Award was presented to this year's award, Bob Truscott, W9LO! He finally received the award usually bestowed at the Post Everything Party. Weather conditions prevented his attendance there.

New Business: There was no new business

Adjournment: The business meeting was adjourned at 9:25 P.M.

Next Meeting: The next meeting will be held on May 8, 2002, at the Grafton Senior Center.

Attendance: Nels, WA9JOB, Dave, N9UNR, Bernie, AA9CI, Jon, KB9RHZ, Tom, W9IPR, Vince, KB9ZOT, Gene, KB9VJP, Bob, W9LO, Brian, N9LOO, Kent, N9WH, Terry, KA9RFM, Ray, W9KHH, Jim, K9QLP, Don, W9VSC, Dave, N9QA, Greg, W9DHI, Vic, KB9UKE, Herb, WA9UVK, Paul, KB9WCC, Ed, AA9WW, Gary, WI9M, Bill, AA9OS, Jeff, KB9QQE, Ted, KB9PQZ, Ron, W9BCK, Gabe, WI9GC, Ted, KB9RLI, Ed, AA9W, Gerry, KB9IMH, Joe AA9HR, Ted, KA9UCD, John, KC9BJZ, Daniel, KC9BKA, Jake, KB9ZOR, Jane, KB9SYI, Joe, KB9URC, Roger, W9UVV, Tom, AA9XK, Sky, N9XRU, Bob, N9NRK, and Ted, N9LLT



The Ozaukee Amateur Radio Club in June of 1963

Here they are – our organizational founders and forefathers. The origins of our club trace back to an expressed need by the Ozaukee County Civil Defense Communications and Radio Officers, W9BCK (Ron Yokes) and W9KYA (Bob Truscott), that there should be a formal organization of the county “ham” radio operators to support emergency communications.

The first organizational meeting was January 12, 1962. The first elected officers were Harvey Goldberg (K9EOY), President; Allen Belbinger (K9VMN) vice-president; Wiollard Morouski (W9CPU), Secretary and Ed Daum (K9SJV), Treasurer.

By April the Secretary and Treasurer had to resign due to shift work commitments and they were replaced by Bill Vossberg (W9VLL) and Hal Giese (W9RXA) respectively.

In May, again due to work conflicts our new president had to resign and Vern Teske (W9RYA), currently known as the “Oak Creek bandit” and founder of the South Milwaukee Club, became our second president.

And where did they meet? – at the old Hill School in Port Washington.

AGENDA

May 8th, 2002

1. Call to order.
 2. Introductions.
 3. Announcements, Upcoming events, Etc.
 4. Program – satellite communication - Gary and Jeananne Bargholz
 5. Break
 6. Auction
 7. Call for acceptance of minutes.
 8. Treasurer's report – Gabe (WI9GC).
 9. Repeater report – Dave (N9QA)
 10. OZARES report – Jon (KB9RHZ).
 11. Committee reports. – Swapfest, Field Day, Audit
 12. OLD BUSINESS
 - a.
 - b. Open to the floor.
 13. NEW BUSINESS.
 - a.
 - b. Open to the floor.
 14. Auction.
 - 15.
 16. Adjournment.
- Meeting after the meeting

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, May 8th

7:30 PM