

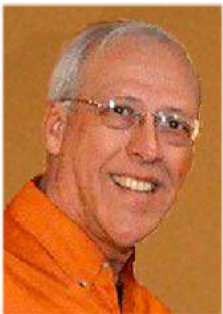
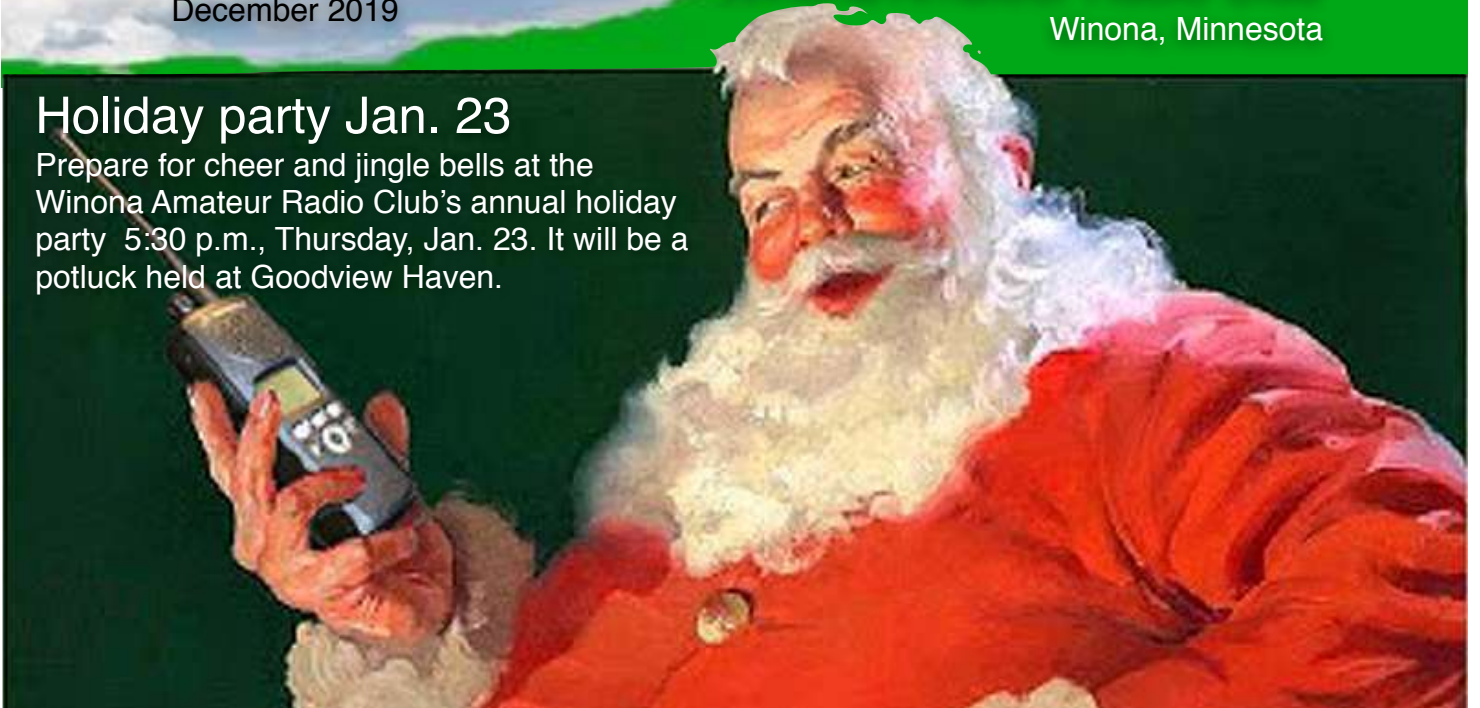
Hamgram

December 2019

Winona Amateur Radio Club
Winona, Minnesota

Holiday party Jan. 23

Prepare for cheer and jingle bells at the Winona Amateur Radio Club's annual holiday party 5:30 p.m., Thursday, Jan. 23. It will be a potluck held at Goodview Haven.



W9LSE



KØZYV



KG6RLM

Annual meeting

Members re-elected two directors and elected one new director for the Winona Amateur Radio Club plus they voted to raise club dues \$5 at the club's annual meeting Nov. 21.

Members re-elected Harro Hohenner, KØZYV, and Paul Schumacher, KG6RLM, and they elected Bob Seaquist, W9LSE, to fill the seat vacated by Clare Jarvis, KØNY.

Club members raised club dues to \$30 per year for individuals, from \$25, and family memberships to \$35 from \$30. The change was made after dues had remained static for years.

Incumbent club board members include: Mike Foerster, WØIH; Lance Tagliapietra, ADØUT; and Dan Goltz, WKØW. The club's custodian is Erik Brom, WBØNIU. The custodian automatically is a member of the board.

Hearing from the FCC

Dear Marv,

The FAA (Federal Aviation Administration) told the FCC (Federal Communications Commission) that Marv Rodvold, AC9TO, was interfering with radios at the Winona Airport. That's serious!

A crew of Winona Amateur Radio Club members have been investigating, focusing on the 146.835 repeater.

They will report on their findings at the club's Dec. 19.

meeting. Spectrum analyzer screens will be shown,

Erik Brom, WBØNIU will tell what he's found, and

Rodvold will talk about working with the FAA and

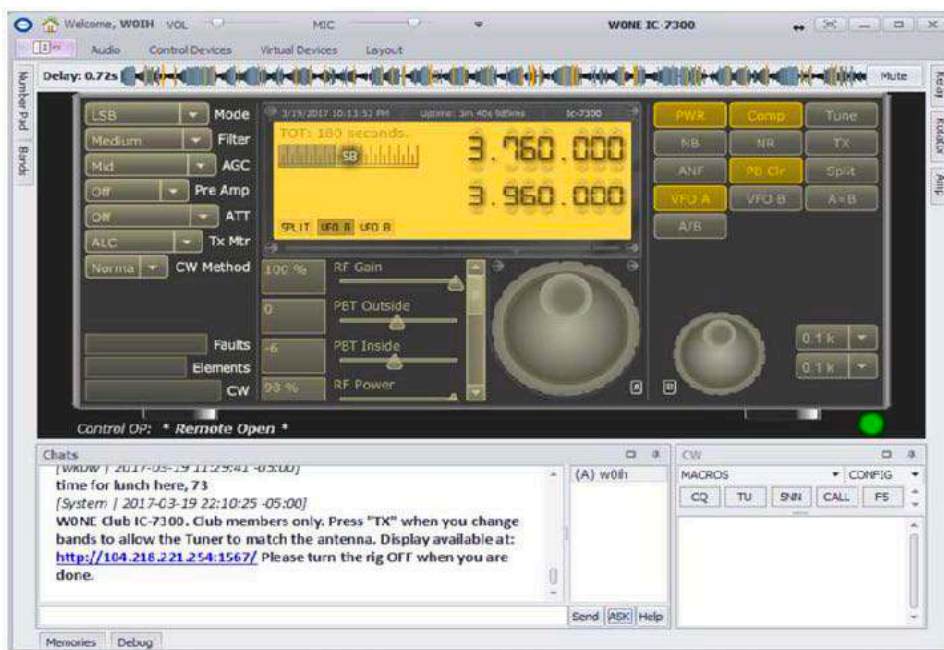
FCC for the program.

Remote note

Harro Hohenner, KG6RLM, Dan Goltz, WKØW, and I (WØIH) are trying another antenna for the HF Remote. We changed the original ZS6BKW to a Double ZS6BKW and added the new LDG AT-200 Pro2 antenna tuner for full coverage of all of the HF bands.

I moved the WEB camera back a bit so that the LEDs on the tuner show up.

See pictures of the HF Remote installation at https://1drv.ms/u/s!Ats-2fm84F1O1n-_x6gLZHhvumS4?e=A8DAmt



Lessons learned on working runner events

By Erik Westgard, NY9D

Build on the relationships you have. Do your best--be humble and reliable. Listen for new opportunities to serve. Take feedback seriously. Disown those who insist on stirring the political pot. If there is a toxic relationship evolving, back away quickly and quietly as things can change; bridge burning is never good.

(Erik Westgard, NY9D, is Medical Communications Coordinator, Medtronic Twin Cities Marathon, Red White and Boom TC Half Marathon)

Ya gotta run

With the exception of contests like sprints where there isn't a concept of running, if you want to win, you'll have to run. In most contests, there are many casual contesters that will mostly search and pounce, and you have to be able to get casual contesters into your log.

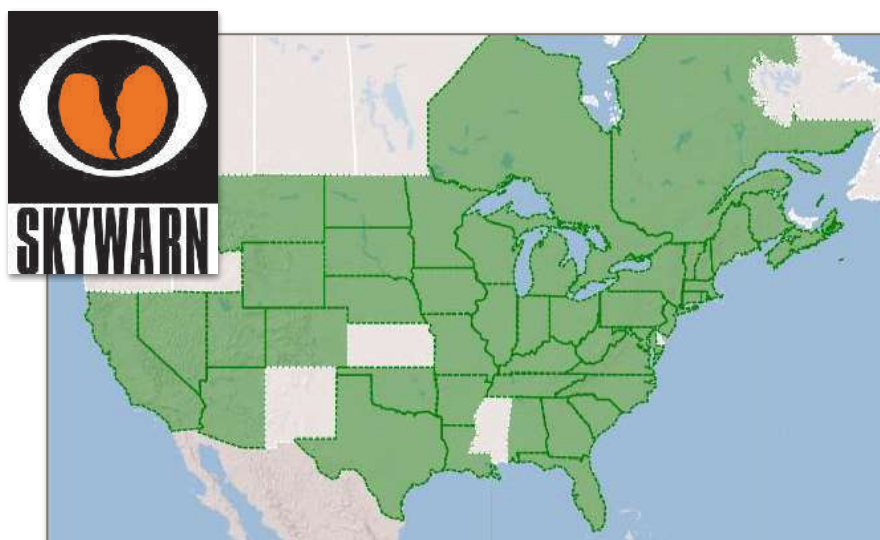
Remote radio service free

Members of the Winona Amateur Radio Club have the ability to experience our exciting hobby like never before. An ICOM IC-7300 rig at the Witoka site is connected as a Remote Ham resource giving club members the opportunity to operate with a fine radio and a very high tower loaded with good antennas! For one thing, the noise is much lower than in the city, and it may very well receive signals better than your home station.

This Remote radio is free-of-charge for club members.

You operate essentially using a very long microphone cord! You can connect to the system from anywhere that you have an internet connection with your PC.

Give it a try. Instructions are at <http://w0ne.weebly.com/woslashne-remote-station.html>



Skywarn Recognition, Dec. 7, was a success at the National Weather Service office in La Crosse. "What a great day and great turnout," said Todd Shea, KB9YXS, Warning Coordination Meteorologist. "There were 53 people who signed in - our largest turnout since these events began way back in 1999," added Shea.

There were at least four HF stations and a VHF station running during the day. Through a combination of running and search-and-pounce, WX9ARX managed to snag most states and weather offices.

Next year's event is slated for Sat., Dec. 5.

WARC Executive Board (unofficial minutes)

Thursday, Dec. 5, 2019, Watkins, Winona State University

Paul Schumacher, KØZYV; Dan Goltz, WKØW; Mike Foerster, WØIH; Clare Jarvis, KØNY; Harro Hohenner, KG6RLM; Marv Rodvold, AC9TO; Tom Wilmot, WØMK; John Kowalik, K2OPT; Bob Seaquist, W9LSE.

Treasurer's report: (Harro Hohenner, KG6RLM)

Balance on 10/31/2019	\$3,155.87
Deposits:	\$29.00
Balance as reported by bank	\$3,184.87
Paid members	43

Two new members, both new Hams, are granted a free year of membership. One, Tim Jacobson, AEØHW, paid already so his dues will be designated for 2021.

Minutes: (Clare Jarvis, KØNY). Approved

Committee budgets: Six committees were approved:

Repeaters; APRS; Operational activities; Education; Tower/Remote; and Advancement. Each may propose an annual budget to the board for 2020.

Public Service: (Dan Goltz, WKØW) The after action report published for the multi-agency county exercise we participated in in October had little to say about our part of the exercise except to say that in light of the poor coverage the commercial radios experienced, amateurs should be involved, and the sooner, the better.

Bob Seaquist, W9LSE, Mike Foerster, WØIH, and Dan Goltz, WKØW, continue to work on the presentation for Emergency Management Dec. 18 and to the SOAR team Jan. 8.

The Public Service committee historically has not needed to request funding from the WARC board, so as per our by-laws, the committee budget request for 2020 will be for a minimal \$50.

Witoka: (Mike Foerster, WØIH) The Remote's balun was replaced and a 5/8 wave 160m long wire was installed and a new, beefier tuner, an LDG AT200 Pro II, was purchased (\$74.90). Usage of the remote is up.

Advancement: (Paul Schumacher, KØZYV) The question of when to pay dues (now \$35 for an individual) and who has paid is a concern. Bob Seaquist, W9LSE, will draft a letter which Paul will send to present members as well as a list of area Hams inviting them to renew/join the club.

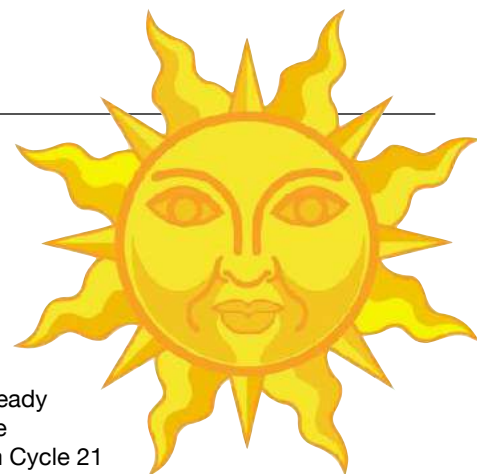
Propagation predicted for slow return

The NOAA/NASA-co-chaired international Solar Cycle Prediction Panel has released its latest forecast for the coming Solar Cycle 25. The panel's consensus calls for a peak in July 2025 (±8 months), with a smoothed sunspot number of 115. The panel agreed that Cycle 25 will be of average intensity and similar to Cycle 24. The panel additionally concurred that the solar minimum between Cycles 24 and 25 will occur in April 2020 (±6 months). If the solar minimum prediction is correct, this would make Solar Cycle 24 the seventh longest on record at 11.4 years. In its preliminary forecast released last April, the scientists on the panel forecast that Solar Cycle 25 would likely be weak, much like the current Cycle 24.

"Solar Cycle 25 may have a slow start, but is anticipated to peak with solar maximum occurring between 2023 and 2026, and a sunspot range of 95 to 130. This is well below the average number of sunspots," the panel said last spring, adding with "high confidence" that Cycle 25 "should break the trend of weakening solar activity seen over the

past four cycles." The panel said the expectation that Cycle 25 would be comparable in size to Cycle 24 suggests that the steady decline in solar cycle amplitude seen from Cycle 21 through Cycle 24 has ended and that there is no indication of an approaching "Maunder-type" minimum. Cycle 24 peaked in April 2014 with an average sunspot number of 82.

The Solar Cycle Prediction Panel forecasts the number of sunspots expected for solar maximum, along with the timing of the peak and minimum solar activity levels for the cycle. It is comprised of scientists representing NOAA, NASA, the International Space Environment Services, and other US and international scientists.





WØNE Repeaters
146.640 PL 100.0 Hz *
146.835 PL 131.8 Hz **
444.225 PL 100.0Hz FM Voice C4FM Digital
442.150, 100 Hz. FM Voice C4FM Digital
* SkyWarn Net when activated.
** Sunday Night Net—8:30 p.m.

Winona Amateur Radio club meetings are 7 p.m., third Thursday of the month at the Winona County Office Building, 202 West Third St., Winona. The monthly program is open to the public.

Winona Amateur Radio Club, Inc. P.O. Box 1451, Winona, MN 55987

President: Paul Schumacher, KØZYV, pschumacher@winona.edu
Vice President: Lance Tagliapietra, ADØUT, lancetag@hbc.com
Treasurer: Harro Hohenner, KG6RLM, Harro@hohenner.com
Secretary: Clare Jarvis, KØNY, jarvis@jarviscomputer.com
Custodian: Erik Brom, WBØNIU, ewbrom@hbc.com
At Large: Dan Goltz, WKØW; Mike Foerster, WØIH

Dues: \$25 per calendar year per license holder. \$30 per calendar year for all licensed members of the same family within the same household.

Send dues to: Treasurer, P.O. Box 1451, Winona, MN 55987

Hamgram is published monthly by The Winona Amateur Radio Club, Inc. Distribution is via e-mail and the WØNE.org Web site. Distribution to individual members by USPS is available upon request. Editor: Bob Seaquist, W9LSE. Address comments and Hamgram correspondence to: Bob Seaquist, 202 Zephyr Circle, La Crosse, Wis. 54601 or seaquist.robe@eagle.uwlax.edu Monthly club programs are held on the third Thursday. The submission deadline for the Hamgram is Wednesday of the week prior to that of the club programs

