

# The Hamgram

December 2021



## Paul Brom's garage in the mid-1950s



A mid-1950s scene of Winona Amateur Radio Club members on-the-air. Back row (standing) (L-R) Bob C KØIHV; Bob K. WØNE; \* *unknown*; Ken Walsh; Steve Boller, KØDHH/NØNO; Willy Hoeft. Seated: Paul Brom, WØLUX; Bob Stanek, WØHAH (at mike); Martin Peterson, WØVWG (later WØLN); George Boller, KØDHI; \* *unknown*.

The Diamond is the symbol of a 75th Anniversary, and it is the symbol of the American Radio Relay League (ARRL) and, January 8, 2022 the Diamond will represent the Winona Amateur Radio Club's 75th year of affiliation with the ARRL.

Join members of the Winona Amateur Radio Club at their December meeting, 7 p.m., Thursday, Dec. 16 on Zoom. The monthly program is open to the public. ( <https://minnstate.zoom.us/j/3120290434> )

2022 make your calendar for warmer days  
**FIELD DAY**



## WARC Annual Meeting (unofficial minutes)

Thursday, Nov. 18, 2021, via Zoom

Attendance: Marv Rodvold, AC9TO, Bob Seaquist, W9LSE; Lance Tagliapietra, ADØUT; Russ Marsolek, NØQK; John Roche, KBØELR; Dan Goltz, WKØW; Harro Hohenner, KG6RLM; Tom Wilmot, WØMK; Paul Schumacher, KvZYV; Syed Faruque, ACØVA; Mike Foerster, WØIH; Ron Severson, KD9OHQ; Tim Jacobson, N9CD, Bill Lippert, ACØW; Clare Jarvis, KØNY; Ben Kuhn, KUØHN

Call to order 7:01 p.m. by Lance Tagliapietra, ADØUT

Bob Seaquist, W9LSE, shows J-Pole antenna construction video by Steve Becker, W9DXE.

### ELECTION

The terms of Harro Hohenner, KG6RLM, Paul Schumacher, KØZYV and Bob Seaquist, W9LSE expire. The nominating committee forwarded their names; Lance reported no one contacted him to be on the slate. There were no nominations from the floor. **Harro Hohenner, KG6RLM, Paul Schumacher, KØZYV and Bob Seaquist, W9LSE were unanimously elected to a two-year term 2022-2024**

Lance Tagliapietra, ADØUT showed a video tour of W1AW

Dakota Division Director Bill Lippert, ACØW, reported: January 8, 2022 the Winona Amateur Radio Club will have been affiliated with the ARRL 75 years and that there should be a special recognition for the club at the ARRL's January meeting.

The first edition of the new ARRL Club E-Newsletter will be sent out just before Thanksgiving. To receive the newsletter, log into the ARRL.org web

site to update your profile. Click EDIT YOUR PROFILE, then EDIT EMAIL SUBSCRIPTIONS. About mid-page you will find ARRL Club News, check that box.

Editor of the newsletter is Field Services Manager Mike Walters, W8ZY, [mwalters@arrl.org](mailto:mwalters@arrl.org). Club news, articles, or pictures can be sent directly to him. Avoid sending PDF's of your club newsletter.

The ARRL Foundation Scholarship Program is currently accepting application for over 100 scholarships that range from \$500 to \$25,000. Full details are at <http://www.arrl.org/scholarship-program>.

Minnesota Section Manager Bill Mitchell, AEØEE, seeks members willing to be affiliated club coordinators.

Lippert reminds Hams that are Life Member that, unless the League is notified, their Membership go on forever; The League plans to contact Life Members annually to assure they are still "around." The first round of checks resulted in drop in membership but, the Dakota Division, the League's smallest, there was an overall 1.3% increase in members this past year bringing the total to 3,348 members.

Lippert said the League's VEC program is currently going to digital processing of license testing and now sees a turnaround of 2-3 hours on weekdays and is making plans for rapid turnarounds on weekends.

The Winona Amateur Radio Club's December meeting will be 7 p.m. Thursday, December 16.

**Adjourn 8:10 p.m.**





## WARC Executive Board (unofficial minutes)

Wednesday, Dec. 8, 2021, via Zoom

7:03 p.m.

Participants: Lance Tagliapietra, ADØUT; Harro Hohenner, KG6RLM; Mike Foerster, WØIH; Paul Schumacher, KØZYV; Bob Seaquist, W9LSE; Keith Laken, KEØIJI; Tom Wilmot, WØMK; Clare Jarvis, KØNY; Dan Goltz, WKØW; Erik Brom, WBØNIU (7:23 p.m.)

**Board Minutes:** (Annual meeting minutes to be presented to general membership in June.)

**Treasurer:** Harro Hohenner, KG6RLM

Balance on 10/31/2021	\$4,498.73
Balance reported by bank	\$4,558.13
(difference due to uncashed check – \$59.40)	
Paid members	49
- Inactive	37

### Donations

General	\$140.00
Kenneth Spittler Fund	\$205.00

### Budgeted Items

Budget for Field Day	\$280.00
paid \$317.12	
Annual Holiday Party	\$100.00
Insurance	\$200.00 paid
P.O. Box Rental	\$106.00 paid

Picnic expenses none

Tower climber \$1,000.00 (re-approved 9/8/21)

Repeater internet > \$700.00 (paid \$602.69)

**Public Service:** Dan Goltz, WKØW. The construction of the new county jail will alter the home of the amateur radio station at the LEC, currently located in the Emergency Manager's Office. Details of the final configuration of the office are still in flux. We hope to be able to have new antennas and properly labeled feed lines in the new office configuration, but at this time details are unavailable.

There have been been no callouts or other activity by the committee since the last report.

WKØW and Walt Kelly, KEØXI, will be observers at a state tabletop exercise on 800 mHz.

**Witoka:** Mike Foerster, WØIH. SWR creeping up; suspect antenna. Maybe should have Hustler G5 or G6 on-hand. Only thing we can do is replace. No way to repair.

**Motion: Dan/Lance: Move to purchase new Hustler G5 or G6 for about \$240. Mike will arrange.**

**Holiday Party:** Erik Brom, WBØNIU. The party may be held Jan 20 at Goodview Haven.

**Adjourn** 7:28 p.m.

## Newly known communication threat

(Source: National Public Radio)

Floods, tornados, railway derailments and power outages are often considered in discussion of Amateur Radio's importance for emergency communication. Think criminal hackers too!

Criminal groups have been threatening to flood digital phone lines with traffic and take them offline unless the targets pay a ransom.

What those extortionists have discovered is that the number of phone calls that take place at least partially over the internet has quietly and dramatically increased in recent years — and there's a lot at stake when major providers go down.

It's a bigger part of our lives than many people realize.

But if those companies that manage digital phone lines come under attack by a tsunami of fake callers, the behind-the-scenes mechanisms for beaming voices online crumbles quickly.

While providers are mostly keeping quiet about these attacks, issuing terse email updates and sometimes social media posts to inform their customers about repeated outages, the security experts working with them are noticing a collective shift in mindset. Several

of the experts interviewed by NPR agreed that the digital telecommunications industry was unprepared for this latest onslaught and has been forced to rethink their defensive strategy in a hurry. It's not just the big banks or major corporations in the sights of criminal hackers — it's everyone and anyone who can and will pay to get their businesses back online.

These extortionists don't actually have to hack victims to be a threat

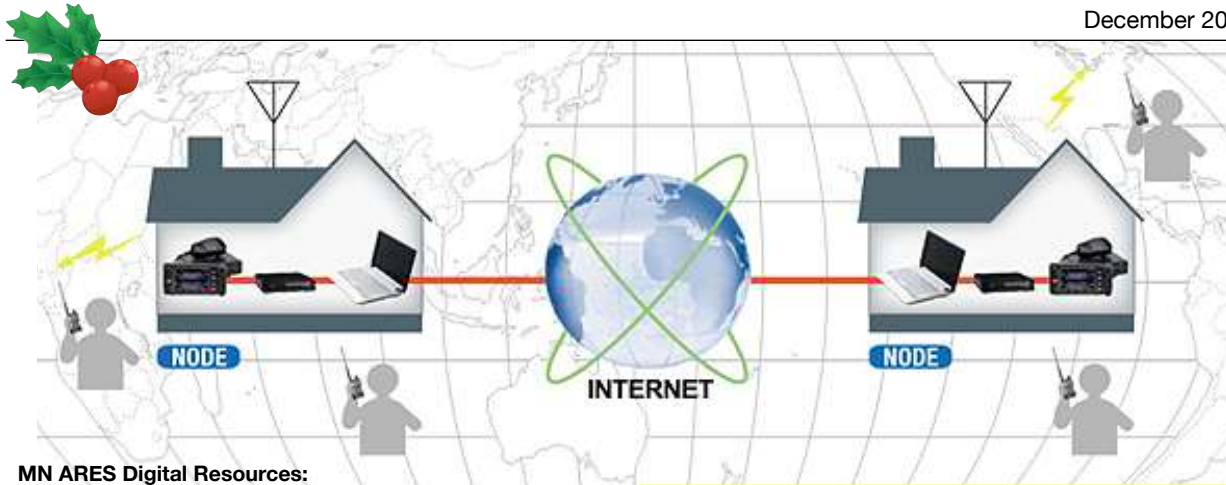
Collective panic kicked off when the digital communications provider Bandwidth.com got hit by a digital extortion campaign in late September. Previous attacks had targeted smaller providers, but Bandwidth became the biggest company to suffer a

DDoS, or "distributed denial of service," attack.

The criminals involved in these VoIP attacks are financially motivated. But unlike when major companies like [Colonial Pipeline](#) were hacked and held ransom, these attackers don't actually have to hack into their targets to hold their services hostage. Merely weaponizing digital traffic is enough to at least temporarily disrupt a company's ability to operate.







MN ARES Digital Resources:

## MN ARES System Fusion Room (node ID 45019000)

MN ARES now has a dedicated System Fusion room, MNARES-ROOM (node ID 45019000). This node was created to support emergency communications and public service activities on System Fusion and encourage experimentation with that mode through-out the Section. The node is open and available to all amateurs and stations are active in that room over the lunch hour as time permits. For more information contact [k0jcr@arrl.net](mailto:k0jcr@arrl.net)

## Volunteers wanted

The Minnesota ARRL Section has openings for a Section Traffic Manager (<https://www.arrl.org/section-traffic-manager>) and an Affiliated Club Coordinator (<https://www.arrl.org/affiliated-club-coordinator>). For more information contact Minnesota Section Manager William S Mitchell, III, AEOEE, at ([ae0ee@arrl.org](mailto:ae0ee@arrl.org)).

Additionally, General, Advanced, and Extra class licensees are encouraged to become certified volunteer examiners (<https://www.arrl.org/become-an-arrl-ve>) and join their local volunteer exam group to ensure that candidates have good access to testing.

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

### WØNE Repeaters

146.640 PL 100.0 Hz \*

146.835 PL 131.8 Hz \*\* FM Voice C4FM Digital

444.225 PL 100.0Hz FM Voice C4FM Digital

442.150 PL 100.0 Hz. FM Voice C4FM Digital

\* SkyWarn Net when activated.

\*\* Sundav Nialt Net—8:30 p.m.

President: Paul Schumacher, KØZYV, [pschumacher@winona.edu](mailto:pschumacher@winona.edu)

Vice President: Lance Tagliapietra, ADØUT, [lancetag@hbc.com](mailto:lancetag@hbc.com)

Treasurer: Harro Hohenner, KG6RLM, [Harro@hohenner.com](mailto:Harro@hohenner.com)

Secretary: Bob Seaquist, W9LSE, [seaquist.robe@eagle.uwlax.edu](mailto:seaquist.robe@eagle.uwlax.edu)

Custodian: Erik Brom, WBØNIU, [ewbrom@hbc.com](mailto:ewbrom@hbc.com)

At Large: Dan Goltz, WKØW; Clare Jarvis, KØNY

Dues: \$30 per calendar year per license holder. \$35 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

The 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, W5735 Woodhollow Rd., Holmen, WI 54636 or [seaquist.robe@eagle.uwlax.edu](mailto: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.

Winona Amateur Radio club meetings are 7 p.m., third Thursday of the month on Zoom video conferencing. The monthly program is open to the public. ( <https://minnstate.zoom.us/j/3120290434> )  
Password: WarcBoard)

