



Hamgram

Newsletter of the Winona Amateur Radio Club, Inc.

-- When All Else Fails...AMATEUR RADIO --

February 2013

www.w0ne.org

February 2013 Program

Date: Thursday, February 21, 2013

Time: 7:00 PM

Program--Several items this month: Technical Car Talk--Lance KB0YJU will review what he learned about auto fuel system operation while diagnosing and repairing an oxygen sensor and plugged EGR unit—"from 35 MPG to 14 and back again". Erik WB0NIU will show the club the repairs on the receiver for the 146.835 repeater and actions being taken to prevent re-occurrence. There will be a brief "post mortem" regarding the two club MNQP stations.

The session will also feature a "silent auction" for the remaining equipment donated to the club by Monica Cundari, widow of Fred Cundari W9TQH. See the article later in this Hamgram for details.

NEW MEETING LOCATION: Conference Room B, Winona County Office Building (formerly "Annex"), 202 West 2nd Street, Winona, MN. Doors will be unlocked from 6:45 to 7:15 PM. If you are late, please try the 146.640 repeater to have someone let you in (or....just be on time).

THANK YOU

FOR THE GREAT 2013 HOLIDAY PARTY

Thank you Syed AC0VA and Ken N0JP for coordination of another winter holiday party for the club. Thanks also to Delores N0NUO for your support in organization.

The program by Jodi N0OWT and Erik WB0NIU covering your trip to Ireland and England was both interesting and lively. Thank you very much.

It was a fun time for all.

UPCOMING CLUB ACTIVITIES

- TRW Facility Tour – March Program – Thursday, March 21.
- Arcadia Brut Challenge – Communications Support – Saturday, May 18.
- The Trinona in Winona – Communications Support – Sunday, June 9.
- ARRL Field Day 2013 – June 22-23.
- Great River Shakespeare Festival – Special Event Station – July 13-14.
- Club Picnic – July 18.

A Fun, Learning Experience at the Club's Two MN QSO Party Stations

W0NE at Matt KFOQ's Home



Matt KF0Q, Les KOBAD, and Bob, KC9IWE had a good day at Matt's home during the MNQP. They raked in 321 QSOs on SSB and CW for 84 multipliers for a total score of 53,928. W0NE logged QSOs on eight bands during the 10 hour event. This station earned 468 more points than 2012.

Kendrick and Larissa at K0NY.



Visitors Kendrick and Larissa helped ops Lance KB0YJU, Len KC0RSX, Melanie KD0NTM, Clare K0NY, Jeridiah ACOVA, and Scott K0CID get their 201 QSOs, 61 multipliers and 24,400 score. Only one radio was operating at this location. Hear about "lessons learned" at the February program.

Winona County Historical Society Open House a Success.

The club's participation in last Sunday's (Feb. 10) Historical Society open house drew lots of visitors. Thanks to Erik, Lance, and Matt for organizing the club's participation and providing APRS and HF demonstrations. Thanks to Ken NOJP, also, for showing off some CW operations.

The club got lots of good press in the Winona Daily News and handed out tons of ARRL public relations materials. The online WDN had four or five photos of the display and interest shown by Miss Winona and court.

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“SILENT AUCTION” Equipment Sale at February Program

Last year, the club was contacted by Monica Cundari, widow of Fred W9TQH, with the objective of finding a home for Fred's ham radio gear. Much of his equipment was subsequently sold to area operators on an individual basis, and Mrs. Cundari donated remaining items to the Winona Amateur Radio Club. The club has elected to retain several items for use during club activities. Recently, the club decided to sell the balance of the items to club members via a “silent auction” which will be held during this month's program. Unsold items likely will be taken to the La Crosse swap meet in early Fall.

Here is a summary of significant items for sale. Bring cash or check to the February program and get a bargain!

RF Power Amplifier - National NCL-2000
Shortwave Broadcast Receiver - Grundig YB-500
Heathkit RF Pwr Meter - HM-11
Frequency Meter- Sig. Corps Model BC-221AK
Vacuum Tube Tester - Jackson Dynamics Model 648R
Antenna Rotator W/ Controller - Cornel-Dubilier AR-33
Desk Microphone - Turner SSB +2

Antenna Dummy Load - Heathkit Cantenna HN-31
Second Harmonics Filter - Gavin Instr. F-810
Hand Mic – OEM - ICOM HM-36
New Coax (approx 85 FT.) - Belden 8214 (RG-8/U)
Ringo 2-meter Antenna - ARX-2
ARRL Handbooks(1963 & '81) & Antenna Book(1960)
---PLUS MUCH MORE---

I hope to upload some pics to a website for viewing, and I will publicize the location when available. –Len KC0RSX

**Minutes of WARC Board Meeting held on February 4, 2013 at Watkins Hall,
Winona State University.**

**Present: Paul (K0ZYV), Lance (KB0YZU), Bob (KC9IWE), Tom (W0MK),
Matt (KF0Q), Dan (WK0W), John (K2OPT), Syed (AC0VA), Eric (KB0NYU)
Call to order by Lance at around 7 PM.**

Agenda

- 1. Minutes of Last Meeting**
- 2. Treasurer Report**
- 3. Committee Reports**
- 4. Other Items**

Minutes of Last Meeting

Minutes of last meeting were discussed and approved

Treasurer Reports

Board discussed treasurer report. Paul spoke highly of excellent treasurer report from Matt. WARC bank balance looks very healthy. Treasurer stated certain donations were earmarked for Repeater Fund. Paul stated these wishes must be honored.

Committee Reports

Eric provided a detailed report on issue of 835 Repeater. Eric and Lance visited the 835 site and pulled out the transmitter/control panel for checking. Eric brought the Transmitter /Control Panel to board meeting and explained plan of action. Problem was bugs got into the transmitter and also power output was issue. Eric has a plan to make a custom enclosure for the transmitter/control panel that will seal the system. Eric is working with Jim Jarvis in the design of the enclosure. Also extra heat sink will be added to the system. Eric and Paul demonstrated the solution with a sketch. Matt asked what material will be used for the enclosure and Paul stated steel or aluminum. Eric stated aluminum makes better heat sink. Also, Eric mentioned two radials are missing on the 835 Antenna and Ken (N0JP) has those two radials. Radials will be replaced when we are able to climb the tower this year.

Eric also gave a report on buying a new repeater. Eric called Radio City and they do not have any repeater for sale. John (K2OPT) knows some people work on repeater. Dan asked if ICOM makes repeater. Matt also knows someone in Red Wing works on repeaters. Matt will provide the info to Eric. Board also discussed D-Star availability in the area. Bob has interest in D-Star. In the end board approved \$ 300.00 to spend on 835 repeater repair.

Next discussed was Emergency Services Committee Report. Dan (WK0W) provided a detailed report on situation of Winona County Emergency services and the good relation WARC has with the County. Dan and Walt met with Mr. Jason Gilman, Winona County Director of Planning and Environmental Services. The meeting was extremely beneficial and a synopsis of the meeting is part of the committee report. Winona County will provide funding to complete the portable repeater (so called big yellow box). It is a free standing repeater. Eric mentioned that plan is to complete the portable repeater with D710 /Notebook/two dual band radios/fiber glass poles. Club will have to purchase a battery system. Generator was also discussed but deemed very costly. After discussion board approved \$ 200.00 to purchase two batteries and battery maintainers for the purpose.

Dan mentioned if club should sponsor a skywarn training. Paul mentioned he will be able to reserve a room for the training at Winona State. Paul mentioned emergency services are always supported by WSU.

Next discussed was Operating Activities Report. Operating Activities Report details all the activities planned for current year and other related information.

Club approved plan by Len (KC0RSX) to run a silent auction on equipment donated by Fred Cundari's family. Syed mentioned leftover equipment can be sold at LaCrosse Hamfest.

Lance mentioned Arcadia Brute is scheduled for Saturday May 18th. Club will support the Arcadia Brute, and Lance asked about the 75ft tower Sheriff has. Dan will see what he can do about procuring the 75ft tower.

Eric mentioned club will again support Trinona event. Eric plans to put APRS on motor cycles. And there will be more Sag Wagons.

Eric also mentioned coming Sunday (Feb 10th) club will participate in the Historical Society open house. Club has a spot by the door to setup HF antenna. Setup starts at 10:30 AM and event runs from noon to 4. Everybody is welcome to visit /help for the Historical Society event.

Board discussed creating a sub-committee for Website. This could be part of public relations committee.

Next Club Meeting will be in the County Annex Building (opposite courthouse). Lance has some plans for presentations and also requested Eric to bring the 835 Transmitter /Controller for show-and-tell.

Meeting was then adjourned

The Winona Amateur Radio Club, Inc.
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Executive Board

President: Paul Schumacher, KØZYV
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Members: Harro Hohenner KG6RLM
Bob Seaquist KC9IWE

Dues: \$25.00 per calendar year per license holder.
\$30.00 per calendar year for all licensed members of the same family within the same household.

Dues should be sent to: Matt Burt, Treasurer, P.O. Box 1264, Winona, MN 55987

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Board meetings are announced in advance (WEPNet).

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.

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