

# Hamgram

Newsletter of the Winona Amateur Radio Club, Inc. May 2005

www.w0ne.org

## Meeting Notice

(Note different meeting location.)

The May meeting of the Winona Amateur Radio Club will be held on Thursday, May 19, 2005, at 7:00 p.m. at **60 West 3rd Street in the Plaza Square Community Health Library Room**. Club member Matt Burt (KFØQ) will be providing a program on transverters. All radio club members and radio enthusiasts are invited.

## MINUTES WARC MEETING, April 21, 2005

President, Darlene, KCØCTH, called the meeting to order at 7:05 pm. She introduced Todd Shea from the National Weather Service, who gave us a mini SKYWARN PowerPoint presentation. Severe weather training and siren testing are being done throughout Minnesota on the day of our meeting. Trained spotters are essential in the plan to track severe weather; Doppler radar has its limitations. The National Weather Service provides training each spring for volunteer spotters. Reliable communication is essential.

After the program, Darlene, KCØCTH started the business meeting. She reported that multiple copies of the printed *Hamgram* were available this month as Les, KØBAD, did our club outreach by mailing printed issues of the *Hamgram* to all the licensed radio amateurs in our immediate area. Darlene asked all club members to check address changes with Shari, WA9IGK, since many addresses have changed because of the Winona County implementation of the E911 system. Shari has a copy of the addresses that each of us has registered at the FCC. If yours is wrong you should correct it on the FCC web site.

Dick, NØVV, reported, a treasury balance of \$2,039.58.

Walt, KEØXI, moved to approve the minutes of the March meeting as printed in the *Hamgram*. 2<sup>nd</sup> by Phil, NØOWU. Carried.

## OLD BUSINESS

Len, KCØRSX, gave a report that he and Les, KØBAD, had prepared on the special event station for the Shakespeare Festival this summer. The festival board has approved the station in conjunction with the 2005 Great River Shakespeare Festival. The station will be running on Saturday and Sunday, July 2<sup>nd</sup> and 3<sup>rd</sup>, with hours of operation of 9 am to 6:45pm on Saturday and 2:30 pm to 4:30 pm on Sunday. The station will be sheltered in a tent and will look neat and professional.

Little interest has been generated in our request for volunteers for the Swap Fest; however the club was invited to join the swap fest being planned for the same day at Galesville. Les, KØBAD, moved to cancel our Swap Fest. 2<sup>nd</sup> by Len, KCØRSX. Carried. Jim, NØWE, suggested an article in our *Hamgram* to promote the Galesville event. Jim, NØWE, will contact Tom, KC9ECI, of the Galesville club. Bob, NØPDD, will contact the Eagles Club in Winona to cancel our reservation for a Swap Fest September 10.

## NEW BUSINESS

Several examples of a possible replacement for our club logo designed by Jim, NØWE, were passed around for members to mark their favorite. Jerry, WAØX, mentioned that we already have a logo.

The licensing class that was planned for Community Ed was cancelled because of a poor signup. VE sessions are postponed. A call was made to club members for interest in license upgrade and/or for code classes. Some members expressed interest in these options.

## ANNOUNCEMENTS

May 21, Minnesota City Days Special Event Station. Please sign up or talk to Walt, KEØXI.

Field Day organizational meeting after tonight's regular meeting.

Web Site is up and running at WØNE.org.

Next month the program will be antenna building by Matt, KFØQ.

Please contribute to the TREATS KITTY. We need treats volunteers for some months in the second half of this year.

Executive Board Meeting is May 3, 2005 at the home of Darlene, KCØCTH.

Meeting adjourned to enjoy Pizza.

### Treats for the remainder of 2005:

May: Delores, NØNUO  
 Jun: Dick, NØVV, at his cabin on the river  
 Jul: Club Picnic, No Treats  
 Aug:  
 Sep:  
 Oct:  
 Nov: Tom, WØMK  
 Dec:

### Members Present:

Ken	NØJP	Jake	KC9CRM
Pete	KC9ERJ	Bob	NØPDD
Walt	KEØXI	Lance	KBØYJU
Dick	NØVV	Tom	WØMK
Delores	NØNUO	Les	KØBAD
Darlene	KCØCTH	Jim	NØWE
Phillip	NØOWU	Jerry	WAØX
Jan	NØWRQ	Mark	KBØNZZ
Rande	N4AYV	Bill	KD7WXI
Mac	WØLVP	Tom	KAØMLO
Dick	KCØMBT	Ryan	KCØMBU
Mark	KCØRGA	Len	KCØRSX

Respectfully submitted,  
 Tom Wilmot, WØMK, Secretary  
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## Minnesota City Day special event station being planned by WARC

By Shari, WA9IGK



Minnesota City Day 2004

The Winona Amateur Radio Club will operate a special event station at Minnesota City Day on May 21. The station will be active from 1600Z-2200Z (1100-1700 CDT) on Saturday May 21, 2005. Operations will take place on the General portions, phone and CW; 10, 15, 20, 40 and 80m. QSL cards should be sent to WØNE, PO Box 1264, Winona MN 55987.

## Great River Shakespeare Festival special event station planned by WARC

By Les, KØBAD

The Winona Amateur Radio Club will operate a special event station during the second weekend of this year's *Great River Shakespeare Festival*. The station will be active from 1400Z July 02 through 2130Z July 03 on 7050 (CW) and 3870, 7250, 14250 (SSB).

Certificates are available from  
 WØNE, 1340 Conrad Drive, Winona,  
 MN 55987.



## WARC Executive Committee Meeting May 03, 2005

The meeting was called to order at 7:06 p.m. by Darlene Tagliapietra, KCØCTH. Members present included, Darlene (KCØCTH), Shari (WA9IGK), and Les (KØBAD). Club member Lance (KBØYJU) was present and delivered information concerning plans for Field Day and the Great River Energy Bicycle Race scheduled to be run in Red Wing on Saturday, June 11.

**Programs:** The May program will be presented by Matt Burt, KFØQ. Matt will coordinate an antenna construction project. The previously scheduled June program to be presented by Russ Marsolek, NØQK, has been delayed until July. Russ will make his presentation on Amateur Television (ATV) at the July meeting which will be held at the river cottage of Dick Kolter, NØVV. The June meeting program will concentrate on Field Day (See below.)

**Field Day:** Field Day will be held at the Winona Gun Club. Plans include using the Winona County Emergency Communications Trailer and generator. Jim Brown, NØWE, has offered the use of his FT-900 for the HF station. Matt Burt, KFØQ, will provide the VHF/UHF equipment. Lance will study the Field Day rules to check for changes in the contest and scoring from previous years. The plan is to operate two HF stations and a VHF/UHF station.

The club program in June will concentrate on Field Day activities including general operating instructions for the equipment, the use of the logging programs, etc.

**Bike Race:** The Great River Energy Bicycle Festival Race in Red Wing will take place on Saturday, June 11. The entire event consists of several races in different locations around the state of Minnesota from June 9 through June 12. Lance is hoping to put together 2 mobile APRS stations and a base APRS station. He may also need one or more APRS digipeaters. Plans also include voice communications using the Red Wing two-meter repeater. Lance is in the process of contacting Red Wing hams.

Committee members read a letter submitted by Kenneth Spittler, NØJP, concerning the proposal to create a new logo for the club. Committee members continued to support a move to create a new logo. The discussion included the following observations concerning the present logo and the proposed new logo:

### OLD

- **The logo does not scale well.** The symbolic representations on the logo are visually appealing and easily interpreted when the logo is large, such as would be the case on the back of a jacket. As the logo is decreased in size, such as would be the case when placed above a breast pocket, it becomes difficult to discern.
- **The logo is not inclusive of all current club members.** For instance, the map of Winona County does not clearly represent members in Buffalo County in Wisconsin.
- **The logo speaks primarily to hams and doesn't mean much at all to non-hams.**

### NEW

- **The logo scales well.** It is easily viewed as a small pocket logo or a large back or chest logo.
- **The logo has a more universal appeal.** The symbols are of the river valley in general.
- **The logo speaks to everyone who lives in and near the river valley.** It is not ham-specific.
- **The logo is easily modified to fit specific situations.** Accompanying wording can be circular around the image, or straight above, below or along side of the image.
- **If the club callsign changes, the logo would have to be modified.**

Although members of the club have stated that the present logo is on a floppy disk, no one has been able to produce a digitized copy of it. Committee members wished to continue searching for a digitized copy of the old logo.

Committee members were not too concerned about changes to the club callsign, which they considered to be a very unlikely occurrence. The current call was especially requested and is one previously held by a charter member.

Committee members wishes to acknowledge the work of Delores Spittler, NØNUO, who designed the original logo of the club and will do so in a formal way (whether or not a new logo is adopted) at a future meeting of the club. At the same time they continue to support a transition to the

proposed newer logo design with its simpler and more universal visual presentation. Committee members also noted that although Ken stated in his letter that such a decision MUST be approved by the club membership, it is not at all clear that the club Constitution or By Laws support such an assertion. Nevertheless, the Executive Committee will leave this decision to the club membership, not because they MUST, but rather because it is the right thing to do.

The next meeting of the Executive Committee was scheduled for June 7 at 7:00 pm at the home of Darlene, KCØCTH.

Meeting notes submitted by Leslie Hittner, KØBAD

### From the pen of Walt, KEØXI

The club will operate a "Special Events" station at the annual *Minnesota City Day* event, Saturday, May 21. Set up will begin after participating in the Pancake Breakfast sponsored by Ducks Unlimited. The breakfast starts at 8 am. Setup will likely be a little after 9. Ken, Jim Brown, Pete, & Jake will be bringing HF rigs, batteries, and antennas. Depending on how the spirit moves us, there may be some VHF activity as well.

The set up will be next to the children's area – perhaps attracting the interest of perspective hams.

We will have a sun-shade, but could use a 6 foot long table or several card tables to set the rigs on.

If you are interested and have not yet signed on, please give a call to Walt 454-5147, or to Ken 452-3057.

There will be lots of food available throughout the day. Feel free to stop by. You can chat with other hams and the general public, you can even play with the HF rigs and do some long distance communicating. What a great place to try a new toy - all fun and no pressure.

Walt will be over at the old Oaks building in the afternoon where a reunion of former Oaks employees will occur. There will be building tours of the Oaks building. Check it out!

May 2005

## Test Your Amateur Radio Knowledge

by Len Litvan KCØRSX

The following are from the FCC exam pool—Technician, General and Amateur Extra.

### #1 - What circuit function is found in all types of receivers?

- A. An audio filter
- B. A beat-frequency oscillator
- C. A detector
- D. An RF amplifier

### #2 – What happens to the signal of an overmodulated single-sideband or double-sideband phone transmitter?

- A. It becomes louder with no other effects
- B. It occupies less bandwidth with poor high-frequency response
- C. It has higher fidelity and improved signal-to-noise ratio
- D. It becomes distorted and occupies more bandwidth

### #3 - What is the procedure for tuning a vacuum-tube power amplifier having an output pi-network?

- A. Adjust the loading capacitor to maximum capacitance and then dip the plate current with the tuning capacitor
- B. Alternately increase the plate current with the tuning capacitor and dip the plate current with the loading capacitor
- C. Adjust the tuning capacitor to maximum capacitance and then dip the plate current with the loading capacitor
- D. Alternately increase the plate current with the loading capacitor and dip the plate current with the tuning capacitor

Answers to Exam Pool Questions:

#1 - (C); #2 - (D); #3 - (D)

From the ARRL Letter

If you have never been to Dayton Hamvention®, this is the year!



**The ARRL National Convention at Dayton Hamvention® is May 20-22**

Dayton Hamvention® is host to the 2005 ARRL National Convention. It's like having two great shows in one! At the convention, you'll visit ARRL EXPO, a huge exhibit area featuring a variety of booths and activities to enhance your Amateur Radio experience.

Plan your travel to Dayton, now! For more information, visit [www.arrl.org/expo](http://www.arrl.org/expo) and [www.hamvention.org](http://www.hamvention.org).

Download the official [ARRL National Convention Guide](#) (PDF).

**Dayton Special!** FREE GIFT when you join or renew your ARRL Membership at the convention.

### Are You Ready to Have Fun?

Here's a first for an ARRL National Convention: ARRL EXPO 2005 will provide an Internet Café and WiFi "hot spot" too! The area will be equipped with an 802.11b/g-compliant wireless LAN, and any laptop or handheld with wireless capability will be able to enjoy Internet access within the vicinity of ARRL EXPO 2005. For those who left their PCs home, the EXPO's Internet Café will offer computers already set up for users to check their e-mail or just surf the Web--all compliments of ARRL, in partnership with the Dayton Microcomputer Association.

The first 5000 visitors to ARRL EXPO 2005 can pick up an ARRL Passport--your ticket to the ultimate convention scavenger hunt. Collect Passport codes to qualify for terrific prizes donated by Icom, Kenwood, AOR USA and Alinco. No purchase is necessary, and each Passport includes all the rules and an entry form.

Visitors dropping by ARRL EXPO 2005 can have their photos taken then digitally superimposed on a cover of *QST*. For a modest fee, you'll walk away with a souvenir to wow your friends or at least hang on the wall of your shack.

Free for the asking is the ARRL National Convention souvenir pin. A lot of Hamvention visitors collect these each year, and supplies are limited.

A slate of full-blown ARRL-sponsored forums and activities will also highlight the League's 2005 National Convention. Dayton Hamvention has rolled out the red carpet for the League, making it possible for the ARRL to offer a top-notch slate of activities, displays, exhibits and presentations.

And, be sure to drop in at The ARRL Stage for 15-minute presentations every half hour throughout the convention. There's virtually a topic for

every interest you could imagine within the broad spectrum of Amateur Radio pursuits.

### ARRL EXPO exhibits in the Hara Ballarena Exhibit Hall:

- ARRL Bookstore - Purchase publications, join or renew your ARRL membership, and pick up official ARRL merchandise.
- ARRL Grassroots Lobbying - Join the effort to support ARRL legislative initiatives that are helpful to ham radio.
- The ARRL Lab - Product review testing, RFI/EMI information, BPL presentation and more.
- ARRL Section Managers and Section Leaders - Visit this gathering area for ARRL Field Organization networking.
- ARRL Education & Technology Program - See displays of ARRL program kits, projects, activity boards and other resources available to schools and teachers. Also, information about Amateur Radio on the International Space Station (ARISS).
- ARRL Youth Activities - If you're a school-aged young person, drop by this exhibit for ham radio FUN and prizes!
- ARRL Affiliated Clubs and Mentor Program DXCC Card Checking (see ARRL Activities for additional information)  
Emergency Communications and Public Service - Register for the popular Emergency Communications online courses.
- TravelPlus for Repeaters(tm) software demonstration ARRL Volunteer Examiner Coordinator - Licensing forms, testing information and more.
- ARRL Development - Diamond Club, Spectrum Defense Fund, Education & Technology Fund, W1AW Endowment Fund and more.
- The ARRL Foundation - Serving Amateur Radio with college scholarships and grants.
- ARRL Media and Public Relations
- ARRL Technology Task Force
- Welcome New Hams! - New to ham radio? Recently licensed ARRL is here to help YOU.
- Meet QST's printer! - ARRL is proud of its partnership with RR Donnelley, ranked number one in the printing industry on

FORTUNE magazine's list of most admired companies. RR Donnelley prints 7 out of the top 10 consumer magazines in the United States.

ARRL guest exhibits: The International Amateur Radio Union; United States Power Squadrons®; The National Association of Radio and Telecommunications

Engineers; Barker Specialty Company (ARRL logo merchandise store).

### FOR SALE

Cushcraft R7000 Vertical  
No ground radials required.  
Bands 10, 12, 15, 17, 20, 30, 40  
First \$60 takes it.

The antenna is still assembled and will be disassembled as far as needed to transport. Contact Jim, NØWE at [jbrown@luminet.net](mailto:jbrown@luminet.net) or 689-2581

### The Winona Amateur Radio Club, Inc.

President:	Darlene Tagliepietra <a href="mailto:darlenet@hbc.com">darlenet@hbc.com</a>
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Member At Large: 01/01/05 to 06/30/05	Leslie Hittner, KØBAD <a href="mailto:KOBAD@arri.net">KOBAD@arri.net</a>

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

Dues should be sent to: Richard Kolter, Treasurer

*Hamgram* is published monthly by  
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or [KOBAD@arri.net](mailto:KOBAD@arri.net)

Board meetings are announced in advance (WEPNet)

Monthly club meetings are held on the third Thursday. The submission deadline for the *Hamgram* is Wednesday of the week *prior* to that of the club meeting.

***Hamgram***

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