



Official Publication of the
West Allis Radio Amateur Club

Hamtrix

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OCTOBER CLUB HAPPENINGS



NUT NET
3.985mhz
Monday-Saturday
8:15am CT

Milwaukee-Florida Net
Every Day on 14.290 Mhz
7:00AM - 9:15AM ET
6:00AM - 8:15AM CT

Club Meeting
St. Peter's Episcopal Church,
7929 W. Lincoln Avenue, West Allis
October 14, 2014 **7:00pm**

Program
Elections and Topics
Al WA9BZW Kenwood TS-990S
Chuck WB9PUB Yaesu FT-817
Join us for a pre-meeting dinner
at Johnny V's Classic Cafe
1650 S 84th St at 5:00pm

Mark your calenders

2014 Awards Dinner
November 2, 2014
See page 8 for more details
Bring your money and form
to the meeting.



WARAC 2-meter net
Every Wednesday at 8pm
MATC repeater 147.045 standard offset
127.3 Hz CTCSS

Club jackets and hats!
Go to club Web site and click on
The GOLD MEDAL IDEAS block
For more info or click here



The President's Shack October 2014

It's October and before we know it, the ground will turn white. Are you ready?

October also means it's **WARAC** election time. Since last month, two incumbent office-holders in the club have decided not to seek reelection. They are Secretary Chuck Dellis and Board member Leroy Hass, so we need at least two new candidates to replace these fellows. Please seriously consider running for these or other offices. Your club needs you!

The program topic for the upcoming meeting is radios, and there will be two presentations, by Al Hovey, WA9BZW, on his **Kenwood TS-990S** and Chuck Craven, WB9PUB, on the **Yaesu FT-817**. We hope to follow up these two programs with more radio-related programs. We will have the election first, followed by the presentations.

Tentatively, we plan at least one more program on radios. If you would like to talk about your radio at a future meeting, please let me know. Also, we have a commitment from Higgins Tower Service to do a program on towers at a future meeting.

It's coming up fast! That's our **Annual Dinner is Sunday, November 2**, so get your reservations in soon if you haven't already done so. Look for the sign-up sheet elsewhere in this issue of Hamtrix and **please note the change of location**, and that there's no Packer game that day.

At the upcoming meeting, Secretary Chuck will have the new, new **Club Roster** booklet. There were some problems found with the new roster at last month's meeting, so it **has been reprinted** with additions and

corrections. Be sure to pick up your copy of the newest edition to replace the one you got last month.

A few days ago, you should have received an email about the Radio Merit Badge clinic that we talked about at the last meeting. The email tells you how to do the sign-up process to become an instructor for the clinic. This is a great public service activity for our club, so please sign up.

We have encountered a delay in getting the plaques for the 2014 Wisconsin QSO Party winners, due to unavailability of the wood base that we have used in recent years. Chuck has now obtained attractive replacements and will show them off at the upcoming meeting, prior to sending them to the winners.

And, as always, please come to the before-meeting dinner at **Johnny V's Classic Café, 1650 S. 84th St.** at 5:00PM.

See you at the meeting! Bring a friend!
Tom, K9BTQ

From the Editor

Another month has gone by. Besides keeping busy I found time to continue experimenting with my turnstile 20 meter antenna experiment.

The experiment is proving interesting. Most of it has been sorting out the mechanical problems. I'm using 300 ohm twin lead to feed the antenna. I started with some old 22 gauge or smaller stuff that worked, but all the handling tended to pull the wires out. I remembered some fancy connectors that grip the insulation, besides the wire. Now I know why! I ended up going to 300 ohm window line, it's 18 gauge a lot sturdier.

With all the wires and feed line it does take a while to set up. That is getting better as I learn how to roll it up when I put it away. As usual rolling four antenna wires with string attached to the ends just guarantees that they will get tangled.
(continued pg 9)

WARAC General Meeting Minutes

September 9, 2014

Introduction

The meeting was called to order at 7:04 pm by President, Tom Macon, K9BTQ. Overall meeting attendance was 21 with 0 visitors.

Program

The evening's program was Antenna Rotator Repair, by Phil Gural, W9NAW.

Business

Radio program review will be done as part of future meetings. Interested presenters were solicited.

Future program ideas and potential presenters were requested. Additional ideas should be passed onto Tom Macon.

Motion was made and accepted to approve the August meeting minutes as published in Hamtrix.

Next meeting is club elections and additional nominations are welcomed, expanding leadership involvement.

Erwin von der Ehe, WI9EV, has been pursuing program for Boy Scouts radio merit badge. Interested participants need to take youth protection course on the web, fill out an online application and attend a merit badge training meeting. The next training meeting is September 25 in Summit. Phil Gural, Erwin vonder Ehe, Tom Macon, Frank Humpal, and Howard Smith are interested at this time. If interested, see Erwin.

November 2 is our 60th anniversary and Awards Dinner. Membership was asked if they would like to submit shack pictures for display at the Awards Dinner. Send pictures to Frank Humpal.

WIQP plaques that we have used in the past are no longer available. A new design is being reviewed.

2014 Membership Booklets are available at the meeting. Members welcome to a copy.

Announcements

2 meter net every Wednesday at 8:00 pm on 147.045, + offset, PL 127.3. Join in!

CQ Tuesday, 1:00 pm, 3rd Tuesday, in Waukesha at the New China Buffet.

The Nut Net breakfast is at Genesis Restaurant, 8:30 am, 4th Tuesday of the month.

Dinner at Johnny V's, 5:00 pm before the WARAC club meeting.

The meeting was adjourned at 8:27 pm.

Respectfully submitted,
Chuck Dellis, W9WLX
Secretary WARAC

WARAC Board Meeting

September 23, 2014

Howard Smith called the meeting to order at 7:12 pm.

Present: Tom Macon, K9BTQ, Steve Dryja, NO9B, W9WLX, Howard Smith, WA9AXQ, Frank Humpal, KA9FZR, Leroy Hass, KC9NST, and Ervin von der Ehe, WI9EV.

WIQP Award Plaques on order. Committee has next meeting scheduled 30Sept14

Awards Dinner, 60th Anniversary Dinner planning discussed. Boarded asked committee to have a presentation ready for next meeting.

Elections Discussion of possible candidates and how to get more people involved.

Programs October – Elections TS990 rig presentation – Al, WA9BZW

Future Programs

Logbook of the World

Spotting

DX Suite Software Demo

3 Phase Power Monitors

Club Operations Manual

No updates.

2011 Audit

Howard read audit accepted by the board.

2012 and 2013 Audit

Audit committee to be selected

Other Items

Wednesday Net

Ask membership how interest in net can be enhanced. Timing? What keeps them from getting on the air?

Radio Merit Badge

Offer made to work with individual troop.

WAWC

Ask Mike Johnson to present updates at future board meeting.

The meeting was adjourned at 9:08 pm.

Respectfully submitted,

Frank Humpal KA9FZR

acting secretary



**Al Hovey
WA9BZW
in his shack**



If you would like to have your Shack displayed in Hamtrix send me pictures and any info you would like to be included. I will put them in as space permits

Steve Dryja, NO9B sent me this interesting article on" keeping your on line banking safe." I didn't have room for the whole article but if it whets you appetite or you want to follow up on it, the whole article can be found at

http://www.pcmag.com/article2/0,2817,2468700,00.asp?mailingID=9DF32A0F59C2A3439938030A41E40591?mailing_id=1044595

Don't Get Robbed by a Banking Trojan

By Neil J. Rubenking

October 7, 2014

Comments

Cyber crooks are in it for the money, and online banking systems are a favorite target. Here's how to protect your accounts from one of the worst weapons in their arsenal.

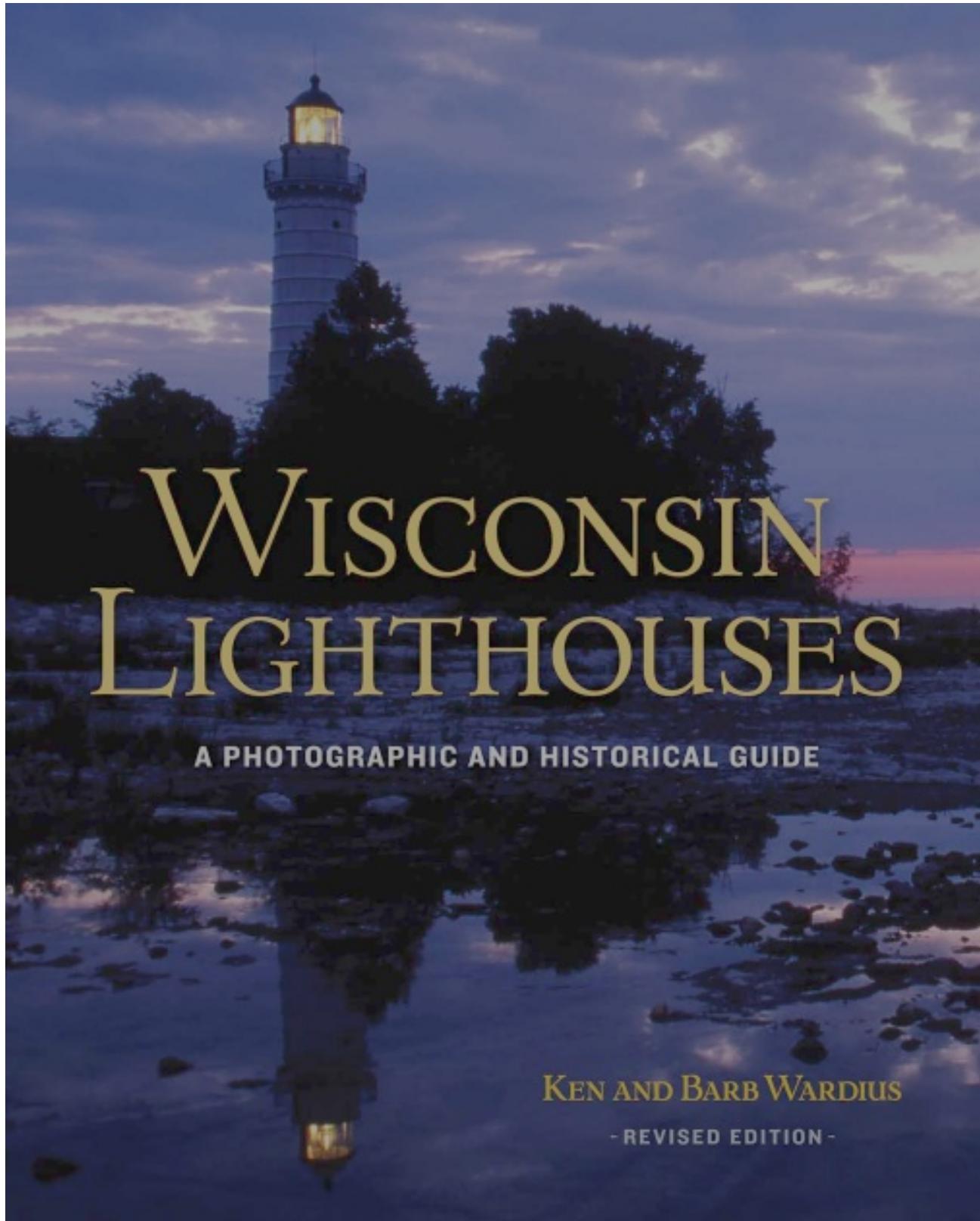
Don't Fall Victim to a Banking Trojan

Asked why he robbed banks, Willie Sutton reputedly answered, "Because that's where the money is." Cyber-crooks are no different. Your online bank accounts are a huge target, because that's where the money is. Once a banking Trojan takes control, the crooks can drain your account dry in seconds. Just look at the Qbat Trojan; it infected 500,000 systems and "sniffed" 800,000 online banking transactions. To avoid falling victim to Qbat or its successors, you need to take precautions and understand how banking Trojans work.

Best Practices

As a baseline, you need to follow best practices for online banking. Use a password manager and have it generate a different strong password for each online account. Take advantage of any two-factor authentication your bank offers. If you must connect via a network you don't own, protect your traffic with a VPN, or use a cellular data connection. Install a powerful security suite. And check your account regularly for suspicious activity.

Don't skip any of these steps; they're all necessary. But don't assume that you're perfectly protected just because you've done your due diligence. Online bank robbers are sneaky!



Speakers for our 60th year annual awards dinner.

Bring your money and Reservation Form to the meeting or send to
Howard Smith

WARAC Annual Awards Dinner

Sunday, November 2, 2014
5:00 PM QSO Time – 6:00 PM Dinner

Carl's Catering and Banquet
5110 Loomis Road
Greendale, WI

WARAC Activities

the year in review

Swapfest

WIQP

Field Day

more

Presentation of:

2014 Scholarship

Years of Membership Awards

Contest Awards

2014 Member of the Year

Dinner Menu

Sliced Roast Beef in au jus and Boneless chicken breast with Honey Dijon glaze
Served buffet style with potato, vegetable, assortment of salads, bread, beverage,
and dessert. Tax and gratuity included. Cash bar.

Program

Wisconsin Lighthouses by Barb and Ken Wardius

Awards Dinner Reservation Form

Sunday, November 2, 2014
5:00 PM QSO Time – 6:00 PM Dinner

Name _____

Call _____

Number attending _____

Amount (\$16 Each) _____

Sign up Deadline: October 24

Make checks payable to:

W.A.R.A.C. Inc.

Bring form and money to club
meeting or mail to:

Howard Smith
4760 S Woodlawn Pl

Greenfield, WI 53228

Ham Radio on the Internet

http://digital.wirelessdesignmag.com/wirelessdesignanddevelopment/november_december_2013?pg=12&pm=2&fs=1#pg12

Oragami Antennas... summitted by Steve NO9B

[http://www.public.navy.mil/spawar/Pacific/Tech Transfer/ProductsServices/Pages/SeaWaterAntennaSystem.aspx](http://www.public.navy.mil/spawar/Pacific/TechTransfer/ProductsServices/Pages/SeaWaterAntennaSystem.aspx)

An article about the navy using salt water for an HF antenna

http://www.sippican.com/stuff/contentmgr/files/c9b920684182edab1a8ecb0e5f2aefc/sheet/buoyant_wire_antenna_system.pdf

An interesting advertisement on an antenna used by submarines while submerged. We used them when I was on a submarine the biggest problem was the prop made a great wire cutter. HI HI

Anyone can submit websites for this column. I'll check them out and include them. The editor



FOR SALE: Kenwood TM-281A 2M FM transceiver.

Brand new still in the box unopened. Asking \$140/obo. See Phil, W9NAW, at WARAC meeting or call on phone.

Editor (continued from pg 2)

So far the little operating I have done seems to indicate that the antenna receives well and you can tell that the level changes with the rotation. I have made a few contacts: one in Georgia and one in Connecticut. They seemed to hear me well but on 20 meters that could just be the conditions. I hope to find time for more experimenting.

I did model the antenna. It looked good as a half dome radiating evenly in all directions. I would like to see how the modeling would look if I tried it with the wire bent in a shape that could fit in my yard. I might have to wait till the ground is white.

I had an interesting conversation with a Boeing engineer. He works with the wind tunnel. I asked how the simulations were working. He said that they needed both. The simulations would tell them what wouldn't work but they still needed the wind tunnel to check out if it would work. I found that interesting. 73 Frank KA9FZR

Officers and Board

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Tom Macon, K9BTQ

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Chuck Dellis, W9WLX

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Howard Smith WA9AXO

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Frank Humpal, KA9FZR

Erwin von der Ehe, WI9EV

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W9FK
<http://www.warac.org>

*See our Web Page or contact us
for more information on*

- WARAC Memorial Scholarships
- Wisconsin QSO Party
- Midwinter Swapfest
- Worked all Wisconsin Counties Award
- Amateur Radio Classes

WARAC holds meetings on the second Tuesday of each month and board meetings on the fourth Tuesday of each month. Meetings are held at 7:00 PM at:

**St Peter's Episcopal Church
7929 W. Lincoln Avenue
West Allis, WI**

Entry is off the alley at the rear of the church.
A wheel chair ramp and chair-lift are available.