



Official Publication of the
West Allis Radio Amateur Club

Hamtrix

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Volume 61, Issue 9 September, 2014

SEPTEMBER 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
September 9, 2014 **7:00pm**

Program

Antenna Rotator Repair
by Phil Gural, W9NAW

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



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

NEW 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 September 2014

It's September, and with Labor Day behind us, it will be winter before we know it. Time to get those final antenna projects done. I hope the discussion at our last meeting got you thinking about antennas.

The program topic for the upcoming meeting will be Antenna Rotator Repair by Phil Gural, W9NAW, our resident rotator repairman. Come and find out what makes the CDE/Hygain/MFJ antenna rotators tick and what's needed to fix them when they break.

At our October meeting, we plan to focus on radios. Al Hovey, WA9BZW, will tell us about his Kenwood TS990, plus some additional radio-related topics. Tentatively, we plan additional programs on radios. If you would like to talk about your radio at a future meeting, please let me know.

As you know, October is our annual election of officers. Although our current officers are willing to run again, we need some competition. How about you?? In addition to the four primary offices, we will be electing two Board members, one for a one-year term and one for a two-year term. Please volunteer!

How would you like to show off your shack – photographically at least? We'd like to put together a slide show of station pictures for our Awards Dinner/60th Anniversary party on November 2. All you need to do is take a few pictures and email them, along with a little additional information, to Frank, KA9FZR. He will also publish this information in Hamtrix from time to time. More about this at the meeting.

And make sure you have Sunday, November 2 on your calendar. Look for the sign-up sheet elsewhere

in this issue of Hamtrix.

We have a number of programs in mind but need someone to present them. Topics include Echolink, Internet spotting and QSL-ing. If you know someone who'd like to present on these or other topics, please contact a Board member.

Our Constitution and By-Laws require an audit of our financial records from time to time. We need a couple of volunteers to do this. It won't take more than one evening. Howard and previous Treasurers, have done a lot of work to improve our bookkeeping, so the audits won't be difficult. Volunteers? Please contact me.

And if you haven't heard, Secretary Chuck has produced a new Club Roster booklet. They will be available at the meeting – pick up your copy.

And, as always, don't forget our 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

For some reason September seemed to come early this year. Maybe it is just having Labor day on the first of the month made the whole month seem early.

I haven't been doing a lot of Ham Radio but do get on most mornings and check into the nut net with my QRP radio. Much to my surprise I do get heard at times. I admit noise and static crashes can put a real damper on conversations with that low of power. Still I am heard more times than not and can participate. The nice thing about Ham radio is that many years of experience has developed relaying protocols which can get your message through even if the person you're directing it to can't hear you.

(continued on pg 9)

WARAC General Meeting Minutes

August 12, 2014

Introduction

The meeting was called to order at 7:02 pm by President, Tom Macon, K9BTQ. Overall meeting attendance was 22 with 2 visitors.

Program

The evening's program was Theory and Use of Wire Antennas, done in a group discussion format.

Business

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

November 2 is our 60th anniversary and Awards Dinner. See Tom if you have anything to contribute.

Work All Wisconsin Counties, no new information.

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

The meeting was adjourned at 8:57 pm.

Respectfully submitted,
Chuck Dellis, W9WLX
Secretary WARAC

WARAC Board Meeting

August 26, 2014

Howard Smith called the meeting to order at 6:53 pm.

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

WIQP

Certificates have been distributed by email and plaques will be ready next week. 2015 planning will start next month.

Awards Dinner, 60th Anniversary
Dinner planning is ongoing.

Elections

Club members should be queried about their interest in being an officer or board member.
Need involvement of more membership.

Programs

September – Rebuilding Rotators or 3 Phase Power Monitors
October – Radio Presentation or EchoLink

Future Programs

Logbook of the World
Spotting
DX Suite Software Demo
3 Phase Power Monitors

Club Operations Manual

No updates.

2011 Audit

No report.

2012 and 2013 Audit

No report.

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 work with individual troop.

WAWC

Ask Mike Johnson to present updates at future board meeting.

The meeting was adjourned at 8:52 pm.

Respectfully submitted,
Chuck Dellis, W9WLX
Secretary WARAC

Steve Dryja NO9B sent me this article. Since most of us are also involved in computers to some degree I thought I would add it to this Hamtrix

What to Do When You've Been Hacked By Neil J. Rubenking

March 6, 2014

A nation-state hacking campaign like The Mask is designed to do its dirty work while remaining undetected. Analysts have determined that The Mask escaped detection for five years or more, working away in the background, stealing secrets. A hacker who gets access to your personal information, on the other hand, will probably act immediately, hoping to get as much benefit as possible from his unauthorized access before you detect it. What can you do once you've been hacked?

How Will You Know?

Your first indication a hacker has compromised your credit card may be unexpected items on your bill. Always read credit card bills, and take care to figure out what every line means—even the small ones. You can use a personal finance service, such as Mint.com, to keep an eye on all your credit card transactions from one place. Card-thieves will occasionally put through a few small purchases, just to make sure the card is OK, before making a big purchase.

If you're lucky, your bank will detect fraudulent activity, decline the charges, and issue you a new card. That's a pain, of course, as any automatic payments you've configured will need the new number. But it's better than letting hackers buy a Caribbean vacation with your credit.

Scammers can use a compromised email account to broadcast spam, or to send targeted email scams to your contacts. Your first clue may be worried phone calls from friends asking if you're truly stuck in a Paris airport with no cash, or irate messages from those "you" have spammed.

An identity thief can also use your personal information to open credit accounts, accounts you know nothing about. You might only find out when a request to refinance or open a new line of credit is denied. At AnnualCreditReport.com you can request a free report from Equifax, Experian, and TransUnion once a year. Don't get them all at once; space them out at four-month intervals for best coverage.

What Happens Next?

credit card compromise may be the easiest hack to weather. You're not responsible for the fraudulent charges, and once the bank has issued a new card the problem is effectively solved.

Regaining control of a hacked email account can be tougher. You'll have to contact the email provider and prove that you're the true account holder. Of course, if the hacker changes your

password, you can't use your regular email to contact the provider. It's important to have more than one email address, and make each the alternate contact address for the other.

Did you use your email address as a username on other sites? That's certainly a common practice. But if you also used the same password that you used for the hacked email account, those accounts are now compromised as well.

Even if you didn't use the same password, you could still be in trouble. Think about this. If you forget a website password, what do you do? Right—you click to get a password reset link sent to your email address. A smart hacker who has control of the email account will quickly seek your other accounts, social media, perhaps, or worse, shopping and banking accounts.

After recovering from an email account takeover, you absolutely should visit every site that's associated with that email address and change your password. A password manager will be a great help at this point.

Help for Identity Theft

Full-on identity theft can be a nightmare. Victims can spend thousands of dollars over weeks and months trying to get their online identities and lives back in their control. The Federal Trade Commission offers an excellent advice site with full details on how you can proceed.

Start by putting a fraud alert on your credit with one of the big three credit-reporting agencies. This will help stop the fraudsters from opening more accounts in your name. Order your credit reports, so you can see what's happened. And make an official identity-theft report with the FTC.

The site goes on to specify absolutely everything you need to do in step-by-step fashion. It includes checklists so you can make sure you didn't miss any tasks, as well as sample letters and forms. You won't go wrong relying on this useful resource.

Won't Get Hacked Again!

How can you make sure you don't get hacked, or don't get hacked again? As far as credit cards go, there's not much you can do, other than avoid shopping at shady retailers, real-world or online. When chipped credit cards become a U.S. reality next year, they'll secure in-person transactions thoroughly, but they can't help with card-not-present online transactions.

Poorly-secured websites can expose your email address and password to hackers, but using a bad password leaves your account wide open to a simple brute-force attack. Use a strong password for your email account, and a different strong password for every other account or secure site. Yes, you'll need a password manager. Editors' Choice LastPass 3.0 is free, so there's really no excuse for not protecting your passwords.

On some sites, you can request a password reset by answering a few simple security questions. The problem is, in most cases the bad guys can Google up the answers to those questions in seconds. If you're allowed to define your own security questions, do so, and choose strong questions—ones only you could answer. If you're forced to choose from lame questions like your

mother's maiden name, don't use a truthful answer. Pick a false answer that you'll remember. And don't use the same question/answer pairs on multiple sites.

As for protecting against full-scale identity theft, there are some things you can do. Never fill out any information on Web forms that isn't absolutely required. If it's required but not relevant, like your street address on a site that doesn't ship things to you, make something up! Get an inexpensive shredder for paper bills and statements. Review all statements, and make use of your free credit reports.

Yes, there's some effort involved, some vigilance. But it's vastly less than the work you'd have to expend to recover if hackers managed to steal your identity.



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

Ham Radio on the Internet

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

Oragami Antennas... submitted by Steve NO9B

<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/buyoyant_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

(editor)

My recent Ham radio project is a 20 meter Circular polarized antenna. I'm building and will be listening and transmitting on it. I got interested in experimenting with circular polarized antennas from a couple of articles by Eric Nichols KL7AJ in the December 2010 and March 2012 QST. I always thought it was an interesting topic. Now that I have a little time and the antenna will fit in my yard. I will give it a try and see what happens. Hopefully I'll find time to take some pictures and write up an article about my experience with it.

Frank KA9FZR

Officers and Board

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Tom Macon, K9BTQ

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Steve Dryja, NO9B

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W9FK
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***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.