



Official Publication of the
West Allis Radio Amateur Club

Hamtrix

Volume 73, Issue 11 November , 2024

[click here to go to web site](#)

NOVEMBER CLUB HAPPENINGS

Meeting

Tuesday November 12, 2024 7pm

New Berlin Community Center

14750 W. Cleveland Ave.

New Berlin, WI

Between Moorland and Sunnyslope



NUT NET

3.985mhz

Monday-Saturday

8:15am CT

WARAC 4th Tuesday

Breakfast

At the Forum

Layton & Hyw 100 at

8:30am

The Milwaukee-Florida Net

time is:

7:15 – 8:00AM Central

8:15 – 9:00AM Eastern

Mon through Sat

West Allis Radio Amateur Club

Working DX, AI Style

Today's Tools and Tricks for Working DX
A Presentation by AI Hovey, WA9BZW

Club Premeeting dinner
New Berlin Ale House 5:15pm
16000 W. Cleveland Ave
West of Moorland Rd.



When you see
words in red letters
and underlined
that is a link to a
web page.

[WARAC web page](#)

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WARAC 4th Tuesday Breakfast

NOTE NEW LOCATION

Several years ago there was talk among Nut Net members that we should get to meet each other. A breakfast get together idea was started. It was open to all hams, XYL/partners and anyone who wanted to learn about amateur radio. Even visiting OM/XYL couples joined us.

So, on the fourth Tuesday each month at 8:30 am we meet at **The Forum Restaurant, corner of HWY 100 and Layton, Greenfield, WI**. Looking forward to seeing you, mark your calendar.

Phil, W9NAW

WARAC Find Us On The Air

VHF Simplex 146.55 Mhz



Looking for a Club Member to chat with? Fire up the VHF rig and give a shout out on the VHF Simplex Frequency 146.55. You'll be surprised how often someone is listening. Hit the PTT and say "Hello"

DMR - BM TG 3155 WI State



The WI State 3155 TG is available on all the local DMR Repeaters AND via your HotSpot. Put yourself monitoring and come find a Club Member

Nut Net - Mon to Sat on 3.985 Mhz @ 8:15 AM



Join The Nut Net on 80 Mtr SSB from 8:15 to 9:00 AM Mondays thru Saturdays. Check-ins are from all over WI. You'll be a Nut Netter regular in no time. This is a general discussion net that gets your day started out right.

Milw - Florida Net - Mon to Sat 14.290 Mhz 7:00 AM



Join Tom, K9BTQ, for this early morning Check In Net. Mon thru Sat on 20M from 7:00 AM to 8:00 AM. Get the news to get your day started out just right.



Back at the Helm!

By some twist of fate, I find myself back in the President's chair this year. That will teach me to be checking my phone during ham club meetings while not paying attention to the action at the front of the room. Lesson learned! Fortunately, I have an outstanding group of Board Members to support me this year, making this journey a lot of fun.

I want to extend my gratitude to Past **President Feroz Ghose, WU9N**, for his contribution to the club over the past 2 years. He brought steady leadership when we needed it most, leaving us far better off and

poised for future growth and success. We have a solid balance sheet, a positive attitude, and a host of ideas and programs for the future. That's hard to find in a ham club these days.

We had our first Board Meeting on Oct 22nd, where many good things emerged—details in the meeting notes. Most of the former committee chairs have decided to donate another year, which feels like slipping into a comfortable pair of shoes. We did have one surprise budget request from the WIQP group, as they need a software and hardware upgrade. Stay tuned over the next couple of meetings as we work out the details.

Finally, and most importantly, **November is Membership Renewal month.** Time to pull out those checkbooks and send WARAC a few shekels so we can keep the lights on and the entertainment compensated. You should have received a renewal email invoice, so please jump on that and let's keep Bill, N9KPH, as happy as possible. Speaking of which, he will be at the meeting, ready to re-sign everyone up for the coming year. So here's to a great WARAC 2025.

MJ, WO9B
November 2024

WARAC General Meeting Minutes – October 8, 2024

Called to order by Feroz Ghouse WU9N @ 7pm.

Attendance: 27 Members.

September General Meeting Minutes: - Approved.

October 1st Board Meeting Minutes: - Approved.

Treasurers Report: Bill Reed - Stable. Approved.

Scholarship: At the Oct. 1 Board Meeting. Howard said the ARRL would let us know late Dec./Jan. How the scholarship fund did in 2024.

January Non-Meeting: Location still to be selected.

Web Site Update: Feroz and Mike have made it through the first 2 pages. Still a lot of work to be done.

Election results

President: - Mike Johnson

Vice-President : - Pierre Porter

Treasure: - Bill Reed

Secretary: - Bill Dargis

Committee member(2) - Jeff Pahl

Ex-official President: - Feroz Ghouse

- Member staying in position:

Committee member (1) - Tom Macon – In second year.

Presentation - Mike WO9B: Exploring WSJT-X FT8 Super Fox mode - beta

WSJT SuperFox User Guide.

Dxpediton FT8 fox mode has the ability to have 8-9 hounds to 1 fox. YouTube video's. DG2YCB Super Fox

Mode. <https://youtu.be/VQP88d1K-6s>.

–

Feroz has a 6-40 12 element beam antenna if anyone is interested.

Gil – A North Carolina Quarts mine has shutdown.

Mike- The ISS is doing SSTV event this month. Oct. 8th to the 14th.

Feroz – Symposium site is set. Looking for members to help with the project.

Meeting Adjourned at 8:20 pm.

Respectfully Submitted

Bill Dargis KD9BJZ

Secretary WARAC, October 8, 2024

WARAC Board Meeting Minutes – October 22, 2024

Board meeting called to order by Mike Johnson WO9B @ 7:00PM.

Present: Mike Johnson WO9B, Pierre Porter KD9SSY, Bill Reed N9KPH, Bill Dargis KD9BJZ, Tom Macon K9BTQ, Feroz Ghose WU9N, Howard Smith WA9AXQ.

New Board Chairman was elected – Mike WO9B.

Treasurers report: Approved.

Committee Reports and Chairperson Confirmed

Hamtrix - Frank Humpal.

Sendik's - Frank Humpal.

Field Day - Dave Garnier WB9OWN. Dave is looking for help with planning, during Field Day.

WIQP – Chuck Dellis WPWLX; Requested updating computer, software to keep the system working for the WIQP's and the future.

Scholarship – Howard Smith.

Publicity – Pierre Porter.

2025 Budget: Had a discussion on the budget and was approved.

Priorities for 2025:

New Berlin Outreach.

Web Site – Mike and Feroz still working on.

Symposium - Mike and Feroz.

Updated Club Directory for 2025 – Bill D. Will try for Jan/Feb.

Meeting / Activity ideas 2025:

Jan. - Holiday Party: Still deciding on location.

Feb. - WIQS Party.

Future activities – Fox Hunt? Brewer Game / Tailgate? Volunteer as a group at Irish Fest?

Meeting Adjourned at 8:25PM.

Respectfully Submitted

Bill Dargis KD9BJZ

WARAC Secretary, October 22, 2024



November 2024 * Hamtrix * By Michael Johnson, WO9B
AllStarLink v3 and Chasing POTA's

November 2024 * Hamtrix * By Michael Johnson, WO9B

The AllstarLink Network ASL3 Journey Continues

The [SHARI Node](#) adventure remains a source of delight as I delve deeper into this analog/digital mode. Last month, I upgraded the Node to the recently released ASL3 software version from the original HamVoip version that came with the unit. This bold move, typically followed by weeks of software wrangling draped in mounds of regret, surprisingly came with no bad karma. I'm happy as a clam with the change and continue to be very positive. So enchanted that I keep pushing the capability envelope outward. It has been a good month.

By the way, I was fortunate to have an Allstarlink QSO with Dick,

N9EEE, from the Milwaukee Radio Amateur's Club (MRAC). He invited me to join their informal monthly Allstarlink Net. This net attracts a small group of their members who have undertaken the ASL journey, and they get together to compare notes, tips, and tricks. Very helpful to me and an excellent chance to get feedback on the process and quality of my node. They have activated Allstarlink Node #59990 on their repeater, the 145.39 W9RH machine. I've been connecting to that node to check into or monitor a couple of the MRAC weekly nets. It is working fantastically, which is a nice tribute to the effort and commitment put forth by the group.

So, what's new this month on my node? Actually, I have two accomplishments to report. The biggest one was the ability to add wifi networks to the node. One use I rate highly is the ability to take this very portable node on the road with me. To do that, I needed it to be wifi network flexible so that it would connect to my iPhone or AirBnB hotspot. I didn't think that was asking too much, but getting it to even recognize the hotspot network was a bridge too far. The user forum rabbit hole was not being helpful.

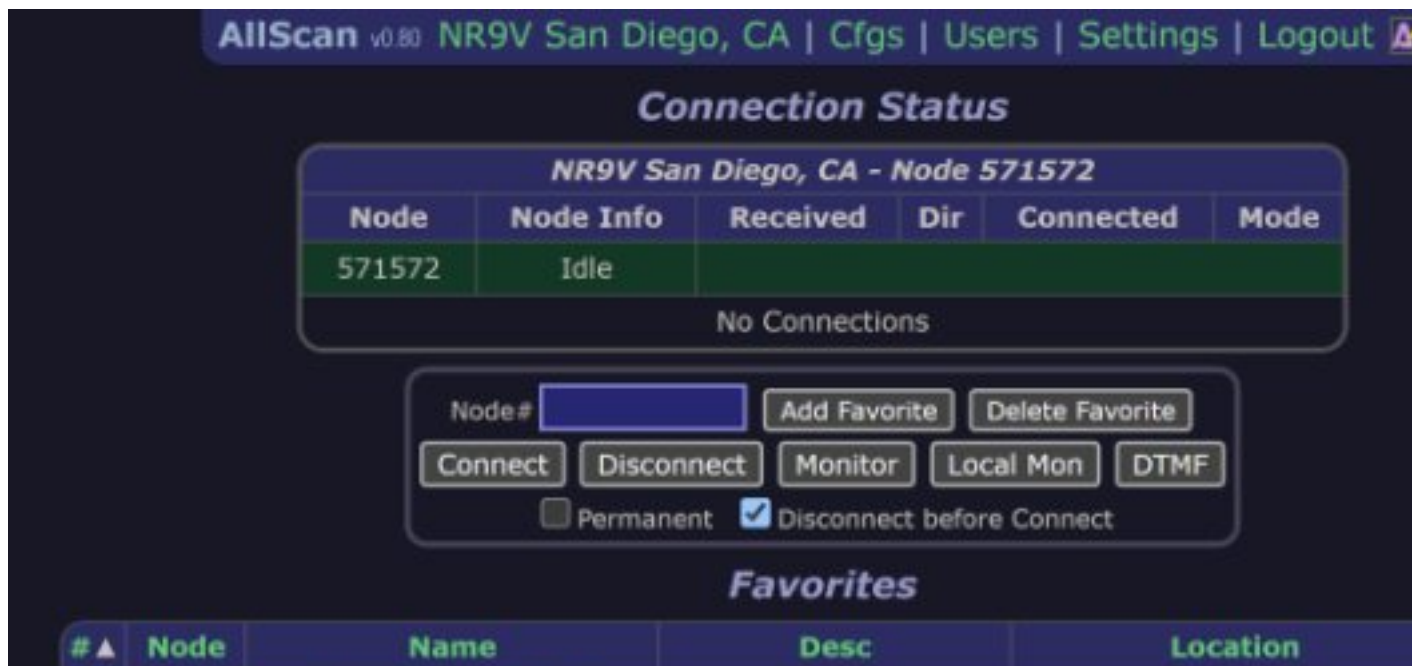
It turns out that ASL3 implements a very different network manager mode than previous Linux versions. In mid-October, a significant software upgrade was released, which added wifi network management to the graphical management tool. Aha! Seems I had botched the command line process, which resulted in making a mess of the authorized networks connection system. Bad me, but now I was able to see the error of my ways. Once corrected, the connection to my hotspot was working—well, it was connecting, but not working.

After some deep diving into the forums, I discovered that the AT&T network does not play well with ASL3. The problem lies in how the ASL network servers authenticate the IP address of the node. Without proper authentication, the



ability to connect to various nodes is blocked. The fix was a couple of changes to a configuration file. Simple enough, but figuring out the particulars was way above my ability. I'm so glad someone posted the solution.

The second change was updating to the latest version of the node control program named [AllScan](#), which is a very handy way to control connections to and from the Allstarlink node. I prefer it to the built-in control interface which is named Almon. [AllScan](#) works through a computer browser or, most importantly, a phone browser. It is equivalent to how you use CAT control on your HF radio. The update process was a familiar download and install of the latest version of the software, exactly the same as the process used to update software on any computer system. No drama with this change.



I realize the previous description might suggest that ASL demands a lot of hands-on tinkering. In reality, it's quite the opposite. Once you get the node up and running, it essentially goes into autopilot and requires minimal intervention. I'm just one of those folks who can't leave well enough alone. Someone needs to keep the user forums lively with content!

From the Editor

There are many by-the-ways in ham radio. I'll list some I have found out over the years. If you have any you think would help others, let me know. Sharing is one of the many pluses of ham radio!

1: If you have a manual tuner with two variable caps and a variable inductor this procedure was found by Mike WO9B and me. Seems to work. Start with the caps mid way and tune first with the inductor. After getting the lowest SWR with the inductor, use the caps to fine tune the SWR. So far this has speeded up my tuning.

2: More on tuning especially on rigs without a tune button, I keep my AM power down to 5 watts then all I have to do is key the mike to tune. (On tuners with low and high power switches make sure you put the switch back to hi power when done. That's easier on the meters.) FM also works

3: If you're using the interior keyer turning off the keyer enables you to get a steady tone for tuning with the key you have.

Continued from previous Page

4: Anderson power plugs are used by many hams. Things I have found out about them:

1: Make sure the contacts are fully inserted when assembling them. Not seating fully seems to cause current problems (maybe contacts aren't aligned)

2: If you are working with 10 gauge wire and 40 amp clips removing a few strands of wire will make it crimp better and fit in the plug.

3: When plugging together Anderson power plugs be careful when you plug them together. You can't cross polarize but you can plug black part with a red part. Depending what grounding you have you may cause some over current problems. (Don't ask how I know HI HI)

Enough for now. Again send in any tips you have. I think we should aim for new problems not repeating old ones. HI HI

73

Frank

ELMER

by Rich Regent, K9GDF



2024 Challenge for our membership. Have someone you meet, Ham or Ham wannabe come to a meeting this year!

Contest Corner and DX Report

Michael Falk, AA9RK

If you get any rest in November, there might be something fun happening on the radio.

November 9th/10th, you can find a RTTY contest (Worked All Europe DX contest), a PSK31 contest (PODXS Triple Play Low Band Sprint), a PSK and RTTY Contest (the 10-10 Fall Digital contest), three CW contests (the FISTS Saturday Sprint, SKCC Weekend Sprintathon, and the OK/OM DX Contest), and a SSB contest (the North American Sprint). There's truly something for everyone.

The big event on November 16/17 is the SSB Sweepstakes. Sweepstakes has that gonzo exchange – serial number, precedence, call sign, check, and section – that calls to mind traffic handling. (If you contact me, you might have to copy 142 U AA9RK 94 WI, where 142 is the serial number of the contact, U tells you my entry class, AA9RK is my call sign, (19)94 was the year I was first licensed, and WI is my ARRL section. Sound challenging? It is, but it's also a lot of fun.

November 23/24, there's not much else on the air at all because it's the CQ WW DX Contest (CW edition). You get more QSO points the farther away you are from your QSO partner.

(You get no points for contacting someone in your own country, more for contacting someone on the same continent, and the most for contacting someone on a different continent.) It's 48 hours of Morse code, which sounds like a great way to spend a weekend to me.

There isn't much on the air the weekend after Thanksgiving, but the FT Roundup is the first full weekend of December (7th and 8th). FT8/FT4 contesting has a rhythm all its own, and the frequencies used are different from the usual FT8/FT4 frequencies. This is a really fun event, whether you dig in for a full day or just a couple hours.

...

Here are your November Dxpeditions:

ZD7G and ZD7SFU are activating St. Helena in the south Atlantic, digital and phone, November 2 to 22.

S9Z is being activated on Sao Tome and Principe by some American and Portuguese operators. They are active on every HF band, all modes, with some 6 meters and some satellites and moonbounce thrown in. They are high power with big antennas. 3D2Y in the Fiji is looking to operate lots of 6 meter FT8 and EME, from November 15 to December 3.

See you next month,

-Michael AA9RK

Keep Doing What You're Doing

Scott Brader – KD9VYY

There's an old Joni Mitchell song that says, "Don't it always seem to go, you don't know what you've got 'til it's gone." I have found that to be true many times, perhaps none quite so fresh in my mind as my time with the West Allis Radio Amateur Club. I wasn't a member for very long, but the impact the club and its members had on me has caused that song to pop into my head often, particularly when I think about how different my club experience has been since moving to Florida.

My first connection with WARAC was through some QSOs with Michael Falk (AA9RK) on the 146.91 repeater. He invited me to visit the club's 2023 Field Day event. I arrived during the setup time and found everyone to be very friendly and welcoming. They took time to answer my questions and asked about my interests.

I left for a while but came back later with my wife who was also warmly welcomed. Max (KD9NZB) gave us a wonderful primer on digital modes, along with a great demo of his FT4 ops. Dave (WB9OWN) explained what he was doing as he made an impressive "King of Spain" DX contact. To top it all off, we were invited to stay for the cookout; although other plans forced us to decline the invitation.

The Field Day experience led to a couple of important things. First, my wife was so impressed that she insisted that we head to HRO the following weekend to get an HF rig and all the bits and bobs I needed to be active on HF! Second, it led to me joining WARAC and attending a few meetings even though I knew we would be moving away at the end of the year. I always felt welcome at the meetings and a number of people, particularly Mike (WO9B), encouraged me to ask questions and pursue learning CW and other new and fun things in the hobby. I still anxiously await the arrival of the monthly newsletter with its fun and informative content.

I was anxious to join another club upon moving to Florida, expecting it to be just as welcoming and helpful. That's where the *Big Yellow Taxi* lyrics come roaring into my mind. The club here has no resemblance to WARAC. The long-term members pretty much ignore the new people and sit around visiting amongst themselves. There has been a whopping one person who has bothered to introduce himself to me. This after attending 2024 Field Day and four monthly meetings. I have sent three emails to the club's vice president/membership director; one with a question about Field Day, one with a question about a monthly meeting and one that offered to head up a monthly newsletter - even sending him a copy of the great WARAC newsletter Frank (KA9FZR) puts together each month. I have not received a reply to any of my emails.

All that to say to you, "Keep doing what you're doing!" I probably would not have gotten active in HF had it not been for the gang at WARAC. I certainly wouldn't be studying for my Extra exam, nor would I be learning Morse Code. The people at WARAC helped fuel my passion for amateur radio.

You all do a fantastic job of promoting amateur radio. The West Allis Radio Amateur Radio Club is a model of what a hobby-focused club should be; offering fun and informative presentations, keeping people informed about what's happening in the club and the hobby as a whole and encouraging people to get involved. I miss the pre-meeting dinners, the fun meetings, and the encouraging discussions before and after the formal gathering. Most of all, though, I miss the people who had a major impact on my participation in this addiction we call Ham Radio. I didn't appreciate just how awesome what I had was until it was gone.

Illinois QSO Party Rover

- by Michael AA9RK and Max KD9NZB

Michael: Plans change, things happen, and resilient hams figure something out. Thus it was that we ended up together in the car, driving to Chain O' Lakes State Park, just south of the Wisconsin Border near Antioch, in the late morning on Sunday, October 20th. We had our Yaesu FT-991, a mag-mount Hamstick for 40 meters and a Wolf River Coils tuned to 20 meters, and a battery. We thought we had the battery charger, too.



Max: It didn't sound like a ton of fun when we first talked about it, but that morning my mood was different, and I know we've had fun roving before. This was a longer rove than we've done before, but also it was all CW, and in the past I've only done digital. Before we started, I was excited. I said "yeah, this was cool, we get to do ham radio and drive around, and a lot of people will want to talk to us".



Michael: Illinois QSO Party has a quirk in its rules that allows stations in the Rover category to activate a county boundary. Every QSO at the boundary of 2 (or 3 or 4) counties double (or triple or quadruple) for QSO points and also multipliers. The Lake/McHenry county line passes through Chain O' Lakes State Park, meaning that if I parked on the line there, I'd be activating both counties at once, and the whole thing would count as a POTA activation too. Unfortunately, it didn't quite work out; the county line crosses the main park road in the middle of a long stretch of road with no parking, and then runs through prairie which is inaccessible by car. We instead wound up south of the park, where the county line

passed through a parking lot outside of a burger restaurant. I operated on 40 meters for a little while and then turned Max loose on 20 meters.

Max: Yeah, well, at first I was kind of tentative about operating CW, so I made a few contacts. After about 8 or so, I wasn't having a ton of fun, so I decided that I would stop at 10. But then, the next two contacts were, like, right after each other, and there was a pileup, so I decided to keep going, and that was a lot more fun than the first few. I think at the start, I was a little rusty with my CW, and I need help on the faster ones, but later on there were only one or two stations that were too fast for me. I started at 14 WPM and worked my way up.

Michael: After 39 QSOs (which counted as 78 because of the county line), we packed up and moved west. We stopped for lunch, drove across McHenry County (which is pretty large), and ended up in tiny Boone County. I tried 20 meters some, but didn't get a lot of takers. Our strange operating position was just south of a series of metal grain elevators, which might have changed the way our signal got out. The Wolf River Coils and collapsible whip are not meant for operating while in motion, but the Hamstick is, and Max was game for trying to operate some CW while I drove. Shortly we pulled into Rock Cut State Park (in Winnebago County) just a few minutes after leaving Boone, and Max got a solid run going on 40. While he operated, I deployed

our Spark Plug End-Fed Half Wave to a height of about 25 feet, which performed much better than the Hamstick. The band started popping for him, and his rate increased.

Max: Operating while in motion was exciting just for the concept of it. It's the first time I've ever done HF while driving. And, it was exciting because I was being independent and wasn't getting as much help. Also, for the most part, I was figuring out how to manage pileups myself. When we got to Rock Cut State Park, while it was just me, it was fun because I was being completely independent and working CW at 20 WPM by myself. And then, once we switched antennas, there were a whole ton more stations,



and they were louder, and by that time I was really disappointed when our battery died because I was having a lot of fun.

Michael: When he was ready for a break, we changed operators (to me) and bands (to 20 meters) and the run kept running. After 20 slowed down, we decided to try 15 meters, but then our battery died, and a phonecall proved that the charger was still back home in Wisconsin. At that point, we needed to (abruptly) call it a day. as a really enjoyable experience.

Some issues included some tuning issues with especially the Hamstick. We needed to rely on the 991's internal tuner, which is always a roll of the dice, but actually did really well with both mag-mount antennas. We eventually finished with 172 QSOs across four counties, in a little over four hours. Highlights included working friends and club members Frank KA9FZR (in Winnebago) and Mike WO9B (on the Lake/McHenry line and in Winnebago). We are looking forward to more rover operations in the future.

Max: I really liked the feeling of getting in the groove with CW, and doing it myself without help from my dad. It was a really enjoyable experience.

We Have a Winner

Tom Langer KD9FPC

You may remember we have had a contest this past summer. The objective was to see who could build the most unusual ham antenna. It was not a direct part of WARAC. Yours truly simply thought it would be some fun. The rules, as you may recall:

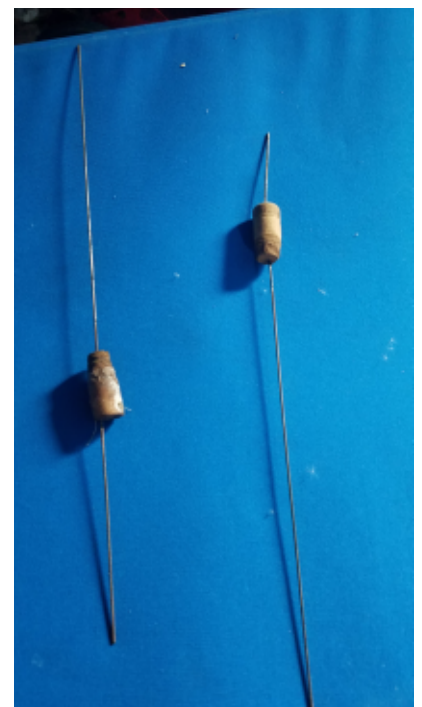
1. No ladders allowed. Only 2-step step stools if you really need one.
2. At least 95% of the work must be done on the ground.
3. No antenna launchers of any kind.
4. Can, and likely should be, done with other hams.
5. If you need to buy coax or connectors, that is OK. Wire is OK if you already have it.
6. Keep track of the antenna's SWR, number of contacts made, call signs of those you contacted, a signal report and a basic drawing with some details about the antenna.
7. HF, VHF/UHF. CW, digital and SSB.

It was a tough one. But in the end, it came as a huge surprise to me. When I, and I suspect many, think of an antenna we tend to think metal. But, as we learned early a tree works well too. So, I will now describe the winning entry:

- On the rig side, this involved an FT-891 along with a Deluxe Versa Tuner II, powered by a 12v supply. A trusty laptop was alongside.



The antenna was an 80 foot length of hose filled with a mix of water and deicing salt (homemade salt water). A quick measurement showed resistance in the water at 45K ohms. The solution was held in the hose by corks at either end with a small piece of wire through each in order to make connections.



The design idea was to build a horizontal loop. There were two trees with low enough branches combined with one step ladder for three points of support. That there was no climbing on the ladder, which was confirmed by your writer. All of this was in the winner's front yard. There was no ground plane.

As you may also recall, participants were asked to log contacts. Our winner knows his CW well, and headed out to the Reverse Beacon Network (RBN). Over the course of the afternoon there were nine confirmed contacts. These were at 15m/20m/30m. Contacts ranged up to 1,349 miles. Two were in Canada.

I slapped myself on the forehead. Again, there were interesting set ups who no doubt deserve recognition as well. One example was using a very



RBN - Reverse Beacon Network

spotter	spotted	distance mi	freq	mode	type	snr	speed	time	seen
WV4P	KA9FZR	538 mi	14032.8	CW	CQ	3 dB	17 wpm	2302z 27 Oct	26 minutes ago
AC0C-1	KA9FZR	454 mi	14032.8	CW	CQ	6 dB	17 wpm	2301z 27 Oct	27 minutes ago
WV4P	KA9FZR	538 mi	14032.8	CW	CQ	1 dB	17 wpm	2301z 27 Oct	27 minutes ago
KA7OEI	KA9FZR	1239 mi	21027.4	CW	CQ	4 dB	17 wpm	2045z 27 Oct	2 hours ago
W1NT-6	KA9FZR	859 mi	21027.4	CW	CQ	3 dB	17 wpm	2034z 27 Oct	2 hours ago
AC0C-1	KA9FZR	454 mi	10120.1	CW	CQ	4 dB	17 wpm	2024z 27 Oct	3 hours ago
AC0C-1	KA9FZR	454 mi	14032.8	CW	CQ	5 dB	17 wpm	2020z 27 Oct	3 hours ago
VE3EID	KA9FZR	459 mi	14032.8	CW	CQ	6 dB	17 wpm	2020z 27 Oct	3 hours ago
VE6JY	KA9FZR	1349 mi	14033.0	CW	CQ	4 dB	17 wpm	1753z 27 Oct	5 hours ago

Version: v2.2.5

interesting antenna that involved a unique panel on a wooden porch rail. But, I had never thought we would see a salt water antenna. After reading the overview and seeing the pictures, first place and winner of the very prestigious \$10.00 (2 of them, both donated) coffee cards is... drum roll... our very own Frank Humpal KA9FZR!



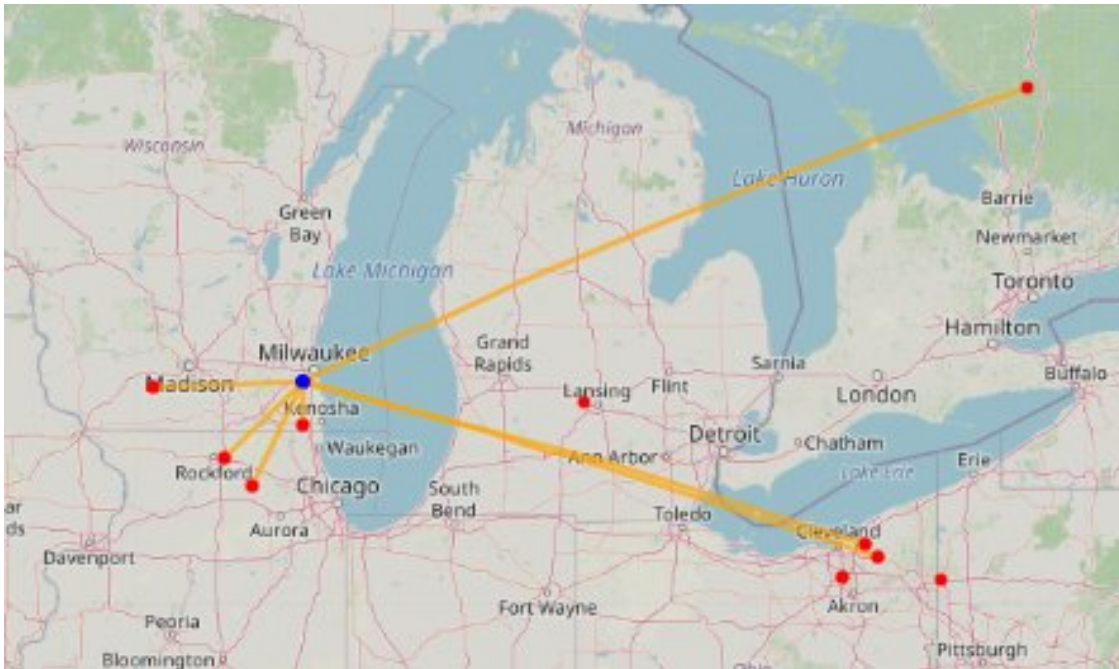
Hope all that participated enjoyed the challenge. And, that they and maybe others would like to carry on with another challenge next year.

Next month we'll begin our trip to outer space. So belt in and hang on. Believe you will learn some things you didn't know. And, all of it affects our propagation and operations. Till then I wish you all a very Happy Thanksgiving. May God bless you and your families and keep you healthy and safe. . _ . _ .

Below are a couple maps from the “Reverse Beacon Network” that are available in addition to the chart in “We Have a Winner” by Tom Langer KD9FPC in this Hamtrix.

If you're interested in exploring the [“Reverse Beacon Network”](#) click here and watch what's going on.

If you want to test you antenna key in “test test (your call sign)” if you have an accent to your keying load up a cw memory and use that to send. You can filter what you see if you just want to look at yours. Have fun



Field Day 2024 Results

HEG PARK - 320 Q's for 7 Hours operation - 3 Transmitters

40 meters	FT4/FT8	79 Q's	Phone = 1 Point CW = 2 points Digital = 2 points	158
20 meters	CW	188 Q's		376
15 Meters	FT4/FT8	43 Q's		86
	PHONE	22 Q's		22
10 Meters	PHONE	2 Q's		2
6 Meters	FT8	21 Q's		0
	PHONE	2 Q's		0
				Q Sub Total
Power Multiplier 100W = 3X points			Total	1932

HEG PARK - Bonus Points

100% Emergency Power	100 per transmitter	3 stations VHF was Free	300
Public Location	Colonel Heg Park (HEG)		100
Public Information Table	Visitor's log or ARRL handouts		100
W1AW Field Day Message	Mike Falk supplied		100
Youth Participation	20 per youth QSO		40
		HEG Bonus Points	640

The Q numbers shown are minus DUPS - Everyone had DUPS except VHF station.

Thank You to Gil WB9TFH & Donna WB9TFF for bring their VHF station and operated under W9FK

CLUB Results 2024

HEG Park: QSO Total + Bonus Points	2,572
WO9B: QSO + Bonus Points	1740
WB9OWN: 1D Home Station	78
TOTAL	4,390

Thank you to all who participated in 2024 Field Day – Dave Garnier

DON'T KEY LIKE A PHONE MAN



SLOW SPEED CW QSO NET

Monday's - 8:00 PM - WBOAFB Repeater 147.045 + 127.3 Tone

CW Practice

One of the best and maybe the only way to get better at CW is practice. Having someone else who also wants to practice also helps. Just makes it more fun.

The West Allis Radio Club is going to try to help. We are running a CW practice net on Monday at 8pm The repeater is 147.045+ 127.3 the CW portion is on HF

Mike WO9B has been joining me and setting up some practice but we are open for suggestions on where to go with this. Come join us.

Officers and Board

President:

Mike Johnson WO9B

Vice-President

Pierre Porter KD9SSY

Treasure:

Bill Reed N9KPH

Secretary:

Bill Dargis KD9BJZ

Committee member(2)

Jeff Pahl W9JSP

Tom Macon K9BTQ

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