

Allen County HamNews

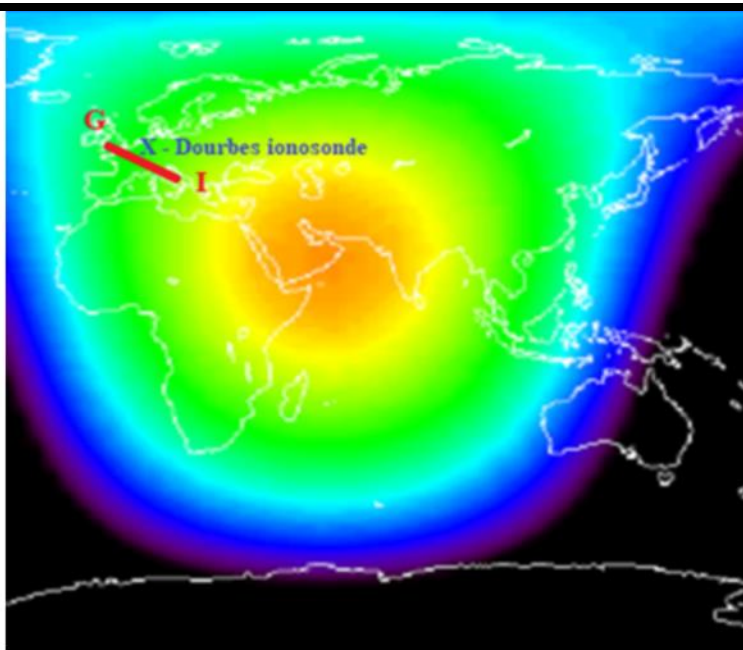
Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

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*Space, 6m,
and a ham
radio bill*



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And much ,
much more!



Although the weather does not feel like it at the moment, both fall and October are here! I am hoping to get some antenna work completed before the weather changes.

One of the major stories this month is the new grassroots effort by ARRL and others to garner Congressional support for the **Amateur Radio Emergency Preparedness Act**. Your help is needed—it only takes a minute or so to get involved. And you do not have to be an ARRL member to participate! See the article from ARRL!

This month presents an opportunity to participate in a **public service event**: IT-100. If you are available to volunteer in this ARES-supported event, please see the information in this edition of the Allen County HamNews and contact Jerry, KD9QHI.

On Saturday, 9/27, our **Fort Wayne VE team** held its final exam session for the year. Congratulations to Jamie for passing his Technician exam! Special thanks to Willi KD9ZFP, Carl K9LA, Vicky AE9YL, and Jerry K9JFG for their service as volunteer examiners. (Note that VE testing



will be available at the Fort Wayne Hamfest as usual.)

If your club would like a **presentation or ARRL update**, please let me know. Your local ARRL vice director would be happy to come and visit.

Have a great month, and I look forward to catching you on the airwaves (perhaps as VE9FWA if time permits)!

73,

Josh, W9HT



ALLEN COUNTY HAMNEWS

HamNews is a monthly, joint publication of the Fort Wayne Radio Club, the Allen County Amateur Radio Technical Society, and the Fort Wayne DX Association.

Articles are written by members and friends of the three clubs. New submissions for HamNews are always welcome. Please send your information to the editor within two days of the end of the month for inclusion in the next edition.

HamNews Editor
Josh Long, W9HT
drjoshlong (at) gmail.com



Get Involved: 2025 Indiana Trail 100 (IT100)

Date: **October 11th and 12th**. This is a 30-hour long activation. Shift length will be 6 hours.

Location: **Chain – O – Lakes State Park**
2355 E 75 S, Albion, IN 46701

Event times: Saturday Oct. 11th at 6:00 am Continues through Sunday Oct 12th at 12:00 (noon). Various operating times are available for this event.

This is always a major activation for ARES and excellent practice for disaster deployment. “No electricity, No Cell Phone”, operation practice. Cell phone coverage is very unreliable in the park.

This is a great opportunity for a large number of operators for this event. Positions available for the event include:

- Aid Station Operators
- Crossing Operators
- Safety Observation Operators
- Net Control Operators
- Rover Operators (Runner transportation)

Thank you in advance for your assistance. If you are able to help, please send me a message at [kd9qhi\(at\)gmail.com](mailto:kd9qhi@gmail.com).

73,

Jerry Etnier, KD9QH1

Annual Space Day at Science Central in Fort Wayne, IN

Saturday, October 4, is the annual Space Day where we recognize the opportunities that venturing into space can hold for mankind. To this end, Science Central downtown will be hosting many displays to alert young people to potential careers related to Space exploration and support. Since we Amateurs use Space for communications ourselves, we have been invited to participate. We will attempt Amateur satellite communications plus we will use our ECHOLINK node at PFW on the 146.91 machine to connect with Science Central's 'sister' museum up in Sudbury, Ontario, called Science North. The Sudbury ARC will set up a station there to allow young people to talk with youth in Fort Wayne.

Helpers do not have to be there the entire time. Science Central opens to the public at 10 am.



Science North in Sudbury, Ontario

If you can help, please contact me, W9SAN, at my email (see the FWRC officer list later in this edition of the Allen County HamNews for Steve's email address). If you can listen in on 91 repeater, we may use local operators if the Sudbury connection fails, so please give us a call if there is no activity.

We will hold a quick on the air meeting about this on Wednesday, Oct 1, on the 146.91 repeater.

All are welcome.

73,



Although a small operation, it would be nice to have a few backup operators. We will be setting up around 9 am on Saturday, 10/4 and will run till about 3 pm (maybe shorter if interest is low).



Science Central, Fort Wayne, Indiana

September 2025

LRBN Update

Greetings, fellow hams!

We've had another fantastic month on the Little Red Barn Net (LRBN), held Monday through Friday at 9:00 AM on 3.820 MHz LSB. Early check-ins start around 8:45 AM, and we typically welcome 10 to 15 participants daily. Despite some rough conditions on the 80m band, the net remains lively and fun, with each day's topic sparked by the check-ins themselves—always something new and interesting!

Biweekly Lunch Gatherings

Every two weeks, we host a lunch meet up, alternating between North and South Fort Wayne. Attendance usually ranges from 10 to 15 folks, and it's a great opportunity to enjoy good food and even better company.

This month, we met on:

9/11/25 at Hall's Prime Rib on State Blvd., and

9/25/25 at Nine Mile on US 27.

Both were wonderful events filled with camaraderie and conversation.

Upcoming Lunch Dates (All at 11:30 AM):

10/9

10/23

11/6

Stay Connected

Want to join the LRBN email list? Just send your email address and call sign (or name) to:

Email: [gmrepair1\(at\)aol.com](mailto:gmrepair1(at)aol.com)

Text/Call: 260-437-4676

Net Control Schedule

Monday: KU8T – Tom

Tuesday: K9FW – Al

Wednesday: N9TB – Tom or KD9HAV – Norm

Thursday: KE9IWX – Jim

Friday: WB9TYJ – Don (followed by Amateur Radio Newsline—thanks, Don!)

Online Resources

Mobile Web Page: <https://gmrepair1.wixsite.com/mobile> (includes lunch details, dates, photos, and more)

Groups.io Page: groups.io/g/lrbn (Sign up to vote on future lunch locations. Reach out if you need help joining!)

Netlogger Tools

Net Controls use the Netlogger program, available at netlogger.org.

For smartphones, check out:

Android: Net Scraper or Netlogger Companion (Play Store)

iPhone: Netlogger Companion (App Store)

Thanks for being part of the LRBN community. Looking forward to hearing you on the air and seeing you at lunch this month or next month!

73,

KU8T – Tom



Hamsplatter

Fort Wayne Radio Club P.O. Box 15127, Fort Wayne, IN



Welcome to October. It feels like this year only started, yet here we are, about to close it out. September was a good month with the Route 66 Special Event. I'm a big car enthusiast, so anything involving cars will attract me to it. Special event stations are always fun to operate. Although I didn't work every station, it was fun. There are some fun special event stations coming soon. I'm looking forward to the Navy's 250th anniversary, the WWV special event, and the War of the World's station.

Outside of special event stations, the School Club Roundup is the week of October 20th. This is a great opportunity to work schools across the US. I know I talk about it each year, but you could be the first contact for a student. You may be the reason they stick with the hobby. Snider High School will be running as K9SHS, so look for us that week. In addition, on October 4th, the club will be at Science Central for Space Day. My primary interest in radio is satellites, so this was an easy volunteer for me. Stop out to see what all we are doing. You will be able to see a satellite contact in action (timing dependent).

I wanted to mention SKCC. Ken brings it up at every meeting, but I wanted to give it some special attention. SKCC is the Straight Key Century Club. It is a group of CW operators who, as the name suggests, primarily stick to straight keys, or non-electronic keys. Each month, they hold short contests, which don't feel like contests. They are more like operating events. This is the easiest way to dip your toes into the world of CW. They are the nicest group of people you will meet in your life. They are willing to help anyone out. If

you have ever wanted to get into CW, reach out to SKCC.

Finally, Ken will be presenting at the club meeting for October. After that, we will be taking nominations for officers and board members. Every spot is open. I will not be running for president. Two years is enough for me. The meeting is on October 10th at 6:30 PM at the Red Cross on California Rd, by the coliseum. The meetings are a great opportunity to catch up with friends and meet new ones. There have been a lot of new or interested operators showing up. I always look forward to the meetings. After a hard week of work, it provides a little bit of respite from the chaos.

Thank you all for being members. The club couldn't operate without you. If you have any feedback, reach out to me at KD9NRT@gmail.com. While I can't respond to every email, I do read them all, and your feedback is critical to the club.

73,

Adam, KD9NRT

**The next FWRC
general meeting will
be on Friday, Oct.
10th at 6:30pm at
the American Red
Cross Building in
Fort Wayne on 1212
E. California Rd.
Everyone is wel-
come!**

FWRC Officers 2025

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ARRL Launches Nationwide Grassroots Campaign to Pass Amateur Radio Emergency Preparedness Act



ARRL has launched a nationwide grassroots campaign aimed at securing the passage of federal legislation that would grant Amateur Radio Operators the same rights to install antennas on their property as those enjoyed by users of TV antennas, wireless internet, and flagpoles.

The campaign, announced in an ARRL Member Bulletin on September 17, 2025, follows the re-introduction of the Amateur Radio Emergency Preparedness Act in February 2025 (see ARRL News 02/07/2025). The bipartisan bills --

H.R.1094 in the House and S.459 in the Senate -- are designed to prevent restrictive homeowners' association (HOA) rules that currently prohibit or severely limit the installation of amateur radio antennas, even when such antennas are hidden in trees, placed in attics, mounted on vehicles, or look like flagpoles.

"This legislation is about restoring equal rights to licensed Amateur Radio operators," said ARRL President Rick Roderick. "These restrictions hinder not only the enjoyment of Amateur Radio, but also its vital role in emergency communication during disasters."

Public Support Needed for Passage

To advance the legislation, ARRL is calling on its members and all licensees of the US Amateur Radio Service to take action by sending letters to their congressional representatives.

Through a dedicated online tool at <https://send-a-letter.org/hoa/>, hams can easily generate and submit pre-drafted letters with a few clicks.

Go to — <https://send-a-letter.org/hoa/> — and help us by sending your letters to your Representative and Senators.

ARRL has emphasized that every letter matters. "Your Representative and Senators need to know that the passage of this legislation is important to you."

This article was reprinted with permission of ARRL. Frequently asked questions about the Amateur Radio Emergency Preparedness Act and the campaign are available at: <https://www.arrl.org/current-legislation#FAQ>



State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN



The next ACARTS general meeting will be on Tuesday, Oct. 21st at 7pm at the American Red Cross Building in Fort Wayne on 1212 E. California Rd. Everyone is welcome!



Allen County Amateur
Radio Technical Society

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Solar Flares and 6-Meter Openings

By Carl Luetzelschwab, K9LA

In the August 2025 issue (#159) of The Six News, Ian G6TGO reported that on May 14 of this year an X2.7 solar flare opened the band wide. He worked over 30 Italian stations over this approximate 1600 km path. Unfortunately, he didn't mention the times of the QSOs or the mode. I sent G6TGO an e-mail asking about the times and mode, but I have not yet received a response.

The main effect of a big solar flare is the emission of electromagnetic radiation at X-ray wavelengths that results in additional D region ionization on the daylight side of Earth mostly under the sub-solar point. This causes increased ionospheric absorption that especially affects the lower HF frequencies with radio blackouts, and it can even affect 10-Meters if the flare is big enough. With absorption inversely proportional to the square of the frequency, it is unlikely that a flare would affect 6-Meters unless it's a really, really big one (much bigger than X2.7).

In addition to X-ray radiation, solar flares also emit electromagnetic radiation at EUV (extreme ultra violet) wavelengths. This can cause increased F2 region ionization, which could enhance the F2 region MUF

(maximum useable frequency) to support 6-Meters. Let's take a look at some data to see if this flare hindered or helped 6-Meters.

Figure 1 (from <https://www.swpc.noaa.gov/products/d-region-absorption-predictions-d-rap>) shows the eruption of the flare at 0822 UTC on May 14. It occurred when the Sun was over eastern Saudi Arabia (HZ).

I added the path (thick red line) from G (England) to I (Italy) on Figure 1, along with the location of the Dourbes ionosonde in Belgium (the blue X at 50.1N/4.6E). As expected, the tabular data on the right in Figure 1 indicates that absorption on 6-Meters due to the solar flare was minimal. Thus the flare didn't hinder this path. Now let's see if the EUV radiation helped the path.

The Dourbes ionosonde is in an excellent location for the England to Italy path – Figure 1 shows that it is very close to the path and it very close to the mid-point of the path. This ionosonde takes data every 5 minutes. Figure 2 (data from <https://giro.uml.edu/>) shows the F2 region MUF on May 14 over the Dourbes ionosonde assuming it's the midpoint of a

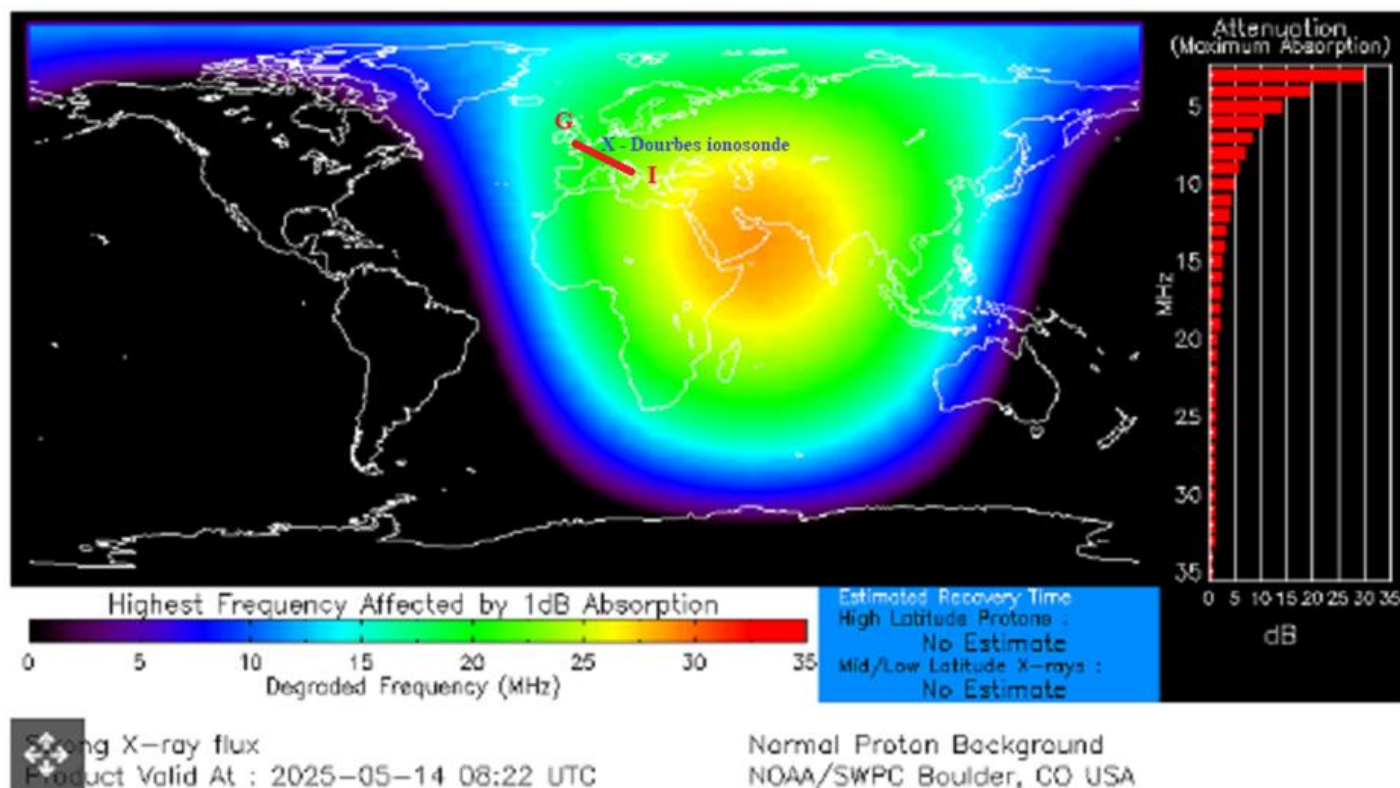


Figure 1 – X.27 solar flare at 0822 UTC on May 14, 2025

3000 km path. The MUF for a shorter 1600 km path will be somewhat lower (due to needing a higher elevation angle).

factor. The M-factor for a layer at around 105 km is approximately five.

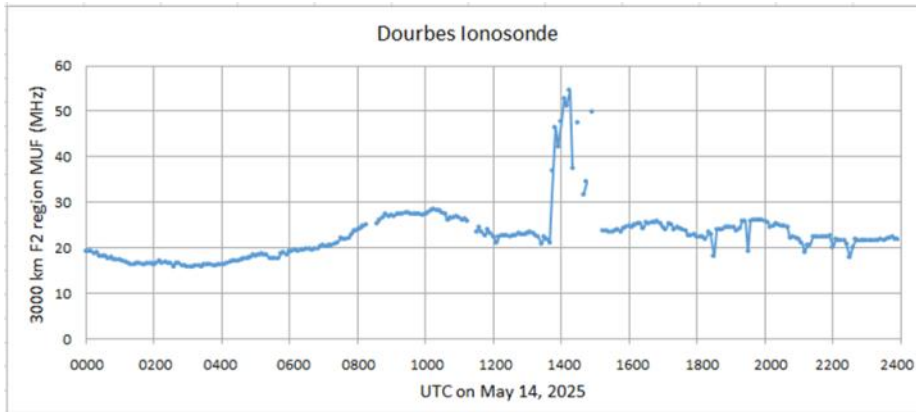


Figure 2 – F_2 region MUF over the Dourbes ionosonde on May 14, 2025

The first interesting feature of Figure 2 is the enhanced F_2 region MUF centered at around 1000 UTC. Could this be due to EUV radiation from the solar flare? I believe it's possible. More importantly, an MUF of less than 28 MHz (due to the higher elevation angle) is not enough to support 6-Meters. I also took a look at data from the Athens (Greece) ionosonde, which is closer to the sub-solar point. I did not see any significant increase in the F_2 region ionization.

The second interesting feature of Figure 2 is the greatly enhanced F_2 region MUF around 1400 UTC. But I am very suspicious of this data. In looking at the ionograms (the raw data) around 1400 UTC, I believe strong sporadic-E (we'll see this in Figure 3) was blocking the ionosonde pulses so they couldn't get up to the F_2 region (this is called blanketing sporadic-E).

This caused the auto-scaling Artist 5.0 software to struggle with identifying the true F_2 region response. The ionogram at 1410 UTC is a great example of this problem – there are no usual ordinary and extraordinary F_2 traces with which to work, but the Artist software came up with values for foF2 and the MUF. The lack of some data after 1400 UTC supports this blocking assumption.

Since the month for these QSOs was May, let's look at sporadic-E (Es). Figure 3 (data also from <https://giro.uml.edu/>) shows the Es MUF from 0900 to 2300 UTC on May 14. This plot was generated by assuming that the sporadic-E MUF is foEs times the M-

It's pretty obvious that 6-meters could have been supported by sporadic-E between 1400 and 1500 UTC.

In summary, my conclusion is that G6TGO's QSOs were via sporadic-E between 1400 and 1500 UTC on May 14. Hopefully I will eventually hear from G6TGO about the times and mode to either confirm or refute my conclusion. And remember that it might be good to look at the ionograms to see if the auto-scaled tabular data makes sense.

Lastly, did this solar flare have anything to do with the sporadic-E seen on May 14 in Europe? I don't know how to answer that question yet. All I

can say is that Jim G3YLA (a retired BBC meteorologist) is studying if tropospheric weather features that have been known to generate turbulence could in turn produce gravity waves that propagate upwards to reach the E region, where in turn, they could interact with the atmospheric tidal winds and could result in sporadic-E. As for solar flares, it might be possible for a big solar flare to also generate turbulence in the lower atmosphere. Visit <https://propquest.co.uk/map.php> for more on G3YLA's work.

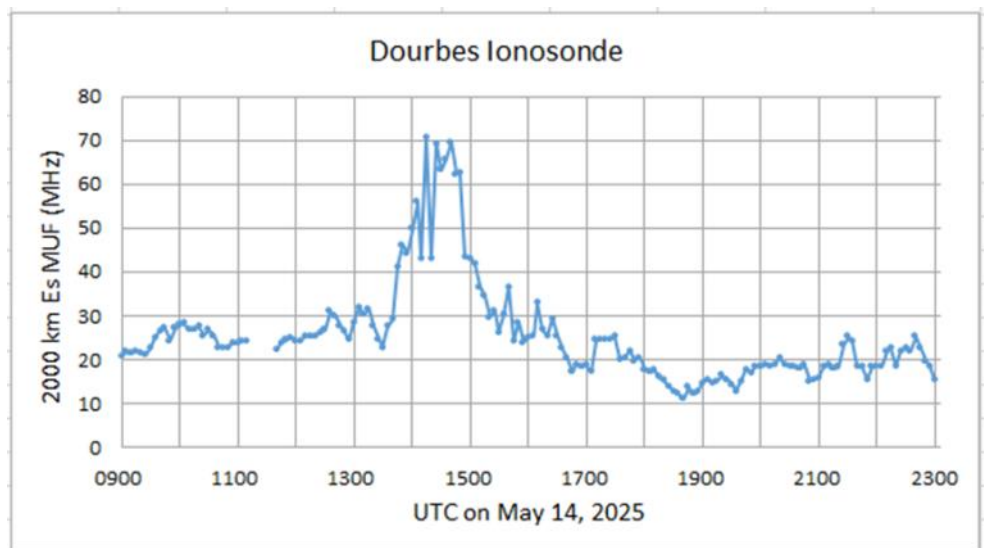


Figure 3 – Sporadic-E over the Dourbes ionosonde on May 14, 2025



Tuning Up

WITH AC9EZ

Elevating the Tri-Band Vertical at AC9EZ

Hello my fellow radio bugs! Welcome to October and what I consider to be the unofficial start of fall. Fall weather means cooler temps, improved dx conditions, and great weather for antenna work.

As promised in last month's column, I'm going to be giving a quick rundown and some installation tips in regard to the tri-band elevated vertical I have at my qth. Although this example is for my personal antenna, the same principles/design concepts can be applied to pretty much any standard vertical antenna.

First Installation

When I first received the antenna, I had been experimenting with ground-mounted verticals, particularly the $\frac{1}{4}$ wave vertical. All vertical antennas require some kind of ground against which to work, and so I had installed a very minimalist ground plane of radial wires, probably no more than 12 of varying lengths.

The arrival of the 30-17-12 meter vertical gave me another chance at experimentation, and I quickly installed the antenna parallel to a length of garden fence my parents had installed next to their garden. The antenna was ground-mounted, so the base of the vertical sat nearly on the ground.

There were two downsides to this installation. One issue is that the antenna, as installed, was blocked to the east and southeast by the house. I nev-

er made any scientific measurements to observe how much this blockage may have affected my signal, but since the house is covered in aluminum siding, you can be sure there was some affect on the sent and received signals.



Figure 1

The second issue was the size of my ground plane. In total, I would estimate I had roughly 100 feet of wire if that on the ground. Conventional wisdom says that the more radials the better. Simply put, the more radials you have, the less ground loss the antenna will have in that near field (you can't really affect the far field – that's out of your personal control).

Recommendations vary, but a very general rule of thumb for a good ground plane for a vertical antenna is at least 16 radials, each of which is a quarter wavelength long. Every time you double the number of ra-

dials, you should decrease ground loss.

It should be pointed out that doubling the number of radials is not a linear relationship with ground loss. By the time 64 radials have been installed, you start hitting a point of diminishing returns.

In my case, all of my radials were extremely short, and they became shorter over time due to the fact that I hadn't buried the radials and the lawn mower was hungry.

A New Installation of the Tri-Band Vertical

Fast forward a few years and the tri-band vertical was brought out of storage. Having learned from my past mistakes, I decided that it was time to elevate the vertical antenna above ground and utilize the knowledge I had learned from the experiments and writings of Rudy Severns, N6LF. I mentioned Rudy in last month's column, but I cannot overemphasize how helpful and influential his experiments have been on my own installation of vertical antennas.

In my case, I decided to mount the vertical at the top of a few sections of military mast poles I had been given. For my installation, the base of the vertical is 12 feet above ground (see figure 1).

For radials, I re-purposed an old antenna experiment that had lain in the garage untouched for a few years. That experiment had been a multi-band parallel dipole system, with elements cut for 17 and 12 meters. Each of the dipoles cut for those two bands were separated from one another using 0.5" pvc pipe spreaders I had cut and drilled.

For the new elevated vertical, I simply connected the old parallel dipole antenna as the radials to my vertical antenna (see figure 2). This gave me two radials that were a quarter wave on 17 meters, and two radials cut for a quarter wave on 12 meters. I didn't have any quarter wave radials for 30m, but I figured that there was enough wire in the air that 30m should tune up well. Really, I should have more than four radials in the air for this antenna to improve radiation efficiency and reduce loss, but the added loss in the system does help bring the swr lower.



Figure 2

Overall, everything tunes up well. The radials are about 8-12 feet above ground, depending on the radial. Both radials are oriented East-West, with one radial stretching into the backyard while the opposite radial leads to the front yard. I have made some good contacts with the antenna and the system seems to provide good coverage on 30-17-12 meters.

Some Installation Tips

1. Before you try elevating a vertical above ground, check to make sure that your antenna won't come into contact with any high voltage power lines or potentially strike your house/vehicle if the antenna were to collapse. Power lines are everywhere, and if you're like me living on a suburban lot, neighbor's cars and houses can be quite close to your qth. Always make sure your installation provides the maximum amount of safety possible. If there's even a hint of a possibility that your antenna could touch a power line, then look for a different antenna design/option.

2. My military mast is mounted on top

of a piece of aluminum tubing which has been sunk in 120 pounds of concrete. If you elevate a vertical antenna made out of aluminum tubing, make sure that you have a sturdy mounting point for the whole system. These verticals can be large and heavy and it's good to have some concrete to help insure a solid base for the system, especially when we get those gusty, blowy days of fall and winter.

3. The number of radials needed to make an elevated vertical work, in my experience, should be at least four, although more is better. I have experimented with a 20m quarter wave vertical and four radials seemed to work fine. Although more radials is better, just getting the antenna elevated will make a good start at reducing ground loss.

4. Attaching the vertical antenna to the mast can be a challenge. In my case (see figure 3), the vertical came with a metal plate and u-bolts, allowing me to simply bracket the antenna to the mast. You may need to do something similar or perhaps look at mounting the antenna at the top of the mast, nestled inside the top-most section.

5. You can mount other antennas to the mast even if you do have a vertical mounted at the top of the mast. Use common sense in not overloading the mast. In my case, I'll keep the antenna count low, with probably just the hf vertical at the top and a tri-band homebrew yagi for vhf/uhf mounted a foot or two below the vertical.

6. When you elevate a vertical, try to get someone to spot you as you install the antenna. Having an extra pair of eyes to watch what you're doing can be very helpful, especially if you injure yourself in the process.

7. Height above ground is somewhat of a factor for verticals. Rudy discusses height above ground in his experiments. Do a quick google search or check out some of the ARRL books on antennas and you'll find a wealth of knowledge concerning elevation height



Figure 3

of vertical antennas. In my case, 12 feet was chosen as a convenient height for installation, not for any particular electrical reason.

8. If you live near an airport and you have a very tall vertical, consider mounting some kind of hazard light at the top of the antenna. You don't want to be the person who erected a tall structure that caused a small plane to crash. This shouldn't even be a concern with most of our ham antennas, but just for the sake of completion, I'm including this as a possible concern.

9. Consider guying the vertical, especially if you see a lot of "give" or play in the antenna when the wind is blowing. It's better to take the time now and guy the antenna then wake up one morning and finding an expensive piece of gear bent into a pretzel.

10. Last but not least, consider attaching a small flag to the top of the antenna. This might add to the "stealth" nature of the antenna, as you proudly inform your neighbors you have a wonderful new (antenna) flagpole!

73 es gud dx! De Jim AC9EZ



Summary for September 2025

Special Mention: John, W9GOO, has participated in the Slow Speed Saunter 33 out of the past 36 months. Congratulations, John.

The Slow Speed Saunter (SSS) starts at 0000 UTC on the first day of every month and ends at 2359 UTC on the same day. This is not a contest; It is an informal Operating Event lasting 24 hours, aiming to bring together operators at a slower CW pace.

Operators who are new to CW are encouraged to get on the air and make your first contacts during The Slow Speed Saunter. You will find we will work at your speed and are very forgiving of mistakes; we will even make a few of our own.

Because this event aims to include newcomers to CW as well as experience brass-pounders, operating speed should be adjusted accordingly. 12 WPM or less is encouraged.

Call CQ at YOUR speed, answer a CQ at THEIR speed!

Send QRS (send slower) as needed for you to comfortably operate at your speed.

Check out the SKCC Sked Page during the SSS to look for participants: <https://sked.skccgroup.com/>

Operating activities during the month of August follow.

The SKCC Weekend Sprintathon (WES) aims to bring together operators with different skill levels in a regularly scheduled, informal operating event lasting 36 hours. The event starts at 1200 UTC on the 2nd Saturday of each month and ends at 2359 UTC on Sunday. Participants can operate for the full 36 hours.

For the WES on September 13-14, the following local operators participated. QSO count is shown.

WA9BBN	57
KS9KCC	53
AC9XS	38
W9SA	34
WB9TYJ	31
W9GOO	25
N8KR	17
N9DGL	14
KA9GKE	7
W9HT	7

The two-hour Straight Key Sprint (SKS) occurs on the fourth Wednesday of each month starting at 0000 UTC. For Indiana operators the start is on Tuesday evening.

For the SKS on Tuesday evening September 23, 8-10 PM local, the following local operators participated. QSO count is shown:

N8KR	53
WA9BBN	26
NJ0U	25
AC9XS	21
WG9K	20
W9HT	19
W9GOO	15
KA9GKE	3

See this month's operating events calendar for dates for this month's SKCC WES and SKS.

Catch you on the air in October and 73!

Ed, WA9BBN



FORT WAYNE RADIO CLUB MEETING MINUTES

12 September 2025

The September meeting of the Ft. Wayne Radio Club was held on September 12th, 2025. It occurred at the Red Cross complex on East California Rd. starting at 6:39 pm. It was hosted by club President Adam Warrix, KD9NRT; there were about 20 attendees

Adam led everyone in the Pledge of Allegiance and invited all present to introduce themselves with their name and call-sign.

Bob Streeter, W8ST Treasurer's report, was read as follows.

As of 12 September, 2025 the various account balances were as follows:

Checking account balance	\$3,522.89
Savings account balance	\$525.92
Vanguard Fund balance	\$28,983.00
Y-T-D Income	\$984.00
Y-T-D Expenses	\$1,356.85
Y-T-D Liquid Assets	\$33,031.81
Current Club membership	135
Prepaid memberships for 2026	4

Josh Long, W9HT reported on a weekend trip he made to Belize in July to do a little operating as V31GT, and to do a little sight-seeing in this country north of Honduras and south of Cuba. He spent four days there, made a nice number of contacts, including a few back to operators in Fort Wayne and explored some Mayan artifacts and temples successfully avoiding huge boulders racing through tight caves.

Adam noted that club elections are coming up in November with nominations opening in October. Neither he nor Vice President Meghan Warrix will be running for the President or Vice President positions for the 2026 club year.

Adam announced that he plans to represent the club at the Safety Fair on September 13th

along with the ARES group.

Steve Nardin, W9SAN reported that plans for the club to support the Space Day initiative on October 4th at Science Central are progressing nicely. The club will implement a 40 M station to demonstrate HF along with the use of Echo-Link to make contact with a sister Science Central station in Sudbury, Ontario Canada operating that same weekend. Adam will be there and bring his satellite gear to demonstrate communications with the ISS and through current ham satellites in orbit. Willi Tucker-HALL, KD9ZFP will provide handout materials promoting ham radio. Operation is anticipated between 10:00 am and 2:00 pm, and volunteer help would be appreciated.

Adam announced that Jerry Eitner is soliciting help to support the Chain-O-Lakes Marathon that will occur October 11th.

The meeting adjourned at 7:48 pm.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC



OPERATING EVENTS

OCTOBER 2025

**OCEANIA DX
CONTEST, PHONE**

**OCT
4-5**

**OCT
11-12**

**SKCC WEEKEND
SPRINTATHON**

**CQ WW DX
CONTEST, SSB**

**OCT
25-26**

**OCT
31**

**ZOMBIE
SHUFFLE**

THIS INFORMATION COMES FROM THE WA7BNM CONTEST CALENDAR AT [CONTESTCALENDAR.COM](https://contestcalendar.com) AND IS GRATEFULLY ACKNOWLEDGED. IT IS DEEMED ACCURATE AS OF THE TIME OF PUBLICATION.

FOR SALE

This section of the Allen County HamNews is available for local hams to list any ham radio related gear for sale or to place any ham radio related want ads.

Listings are posted for one month, but can be renewed upon request of the editor.

Please see page two for contact information.



BAOFENG

For Sale: Get on DMR inexpensively! This like-new Baofeng DM-5R radio is the second-generation design, which means it's fully compatible with dual time slot DMR operation. It has the third-party "OpenGD77" firmware installed, which significantly improves the radio's capabilities as compared to the manufacturer's firmware. It is configured for both Fort Wayne's DMR repeaters and all of Fort Wayne's VHF and UHF FM repeaters. As a bonus, all 22 GMRS frequencies are in the radio for monitoring purposes. Transmitting on GMRS with this radio would violate FCC regulations. Even with OpenGD77 firmware, this radio lacks the features of more expensive products, but it's far less expensive and uses the same batteries and other accessories as the ubiquitous Baofeng UV-5R FM radio, except that the computer programming cable is different. Included in this sale is the radio, an 1,800 milliamp-hour battery, a belt clip, a desk charger and a "wall wart" power supply for the desk charger. A programming cable is not included. Cables are available online for approximately \$10. The price for all this is only \$45. Contact Jay Farlow, W9LW, arsw9lw (at) gmail.com.



For Sale: Kenwood TS-120 HF/VHF/UHF transceiver. In average physical condition and works according to specifications. Includes hand microphone and DC power cord with power poles. Stock photo for reference—actual photos are available on request. Special price of \$100 for readers of the Allen County Ham News! Contact Josh, W9HT. See page 2 of the newsletter for contact information.

Area Nets (updated as of 10/1/25)					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	7:30 PM	147.150+	21 Repeater Group Net (97.4 PL)
8:30 AM	3.912	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.910	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net (141.3 PL)
6:30 PM	146.880-	IMO (alternate is 146.940)	Wednesday		
7:00 PM	147.015+	Tri State Two Meter Net	8:00 PM	145.270-	Whitley Co. ARES (141.3 PL)
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	50.580 FM	FWRC 6-Meter FM Net
Week-days			Thursday		
9:00 AM	3.820	Little Red Barn Net (NewsLine on Friday after net)	8:00 PM	D-STAR	Indiana D-STAR net (Note 3)
Sunday			8:00 PM	50.580	AM 6-Meter AM Net
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net (141.3 PL)	8:30 PM	145.510 simplex	Allen County ARES Digital Operations Team Training Net (Note 4)
8:30 PM	146.910-	"No-Name" Net also on EchoLink Node number 519521	Saturday		
9:00 PM	145.53 simplex	Northeast Indiana Packet Net 1200 baud (Note 2)	8:00 PM	146.685-	Huntington ARES(141.3 PL)
Monday					
8:00 PM	224.780-	Fort Wayne 224 Net			

1. All times local time.

2. NEIPN is direct accessible via any BPQ Chat Node (or through Node hopping etc.) via other packet frequencies in this area and other areas through other nodes (it is locally direct accessible on 145.53 in NC & NE Indiana/NW Ohio and SE Michigan using KA9LCF-11, KC9VYU-11, N9LCF-11, N9PXO-11, K9BIF-11) Most BPQ Nodes use an SSID of -11.

3. Reflector REF024B.

4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.

5. Indiana HF Traffic Nets Web Site: <http://www.inarri.org/index.php/public-service/indiana-nts>

6. Please note that this information is provided by the local amateur community—thank you! *If you see any information that is incorrect or out of date, please send any needed additions, deletions, or corrections to the newsletter editor at drjoshlong (at) gmail.com.*

Allen County Area Voice Repeaters (updated as of 10/1/25)								
RX freq.	RX access	TX freq.	TX access	mode	network	callsign	owner	use/nets
145.33000	141.3	144.73000	CSQ/141.3	FM analog		W9FEZ	Mizpah	
146.76000	141.3	146.16000	CSQ/141.3	FM analog		W9TE	FWRC	
146.88000	141.3	146.28000	CSQ/141.3	FM analog		W9INX	ACARTS	SKYWARN, Red Cross, IMO Traffic
146.91000	141.3	146.31000	CSQ/141.3	FM analog	EL 519521	W9TE	FWRC	Echolink, No Name Help & Swap Net
146.94000	141.3	146.34000	141.3	FM/C4FM	Not net-worked	W9TE	FWRC	ACARES
147.25500	141.3	147.85500	141.3	FM analog		W9INX	ACARTS	
224.78000	141.3	223.18000	CSQ	FM analog		W9FEZ	Mizpah	Ft. Wayne 220 Net
442.63750	CC1	447.63750	CC1	DMR	Brandmeister	N9MTF	N9MTF	ACARES DMR Net
442.99375	W9TE-B	447.99375	W9TE-B	D-STAR	D-STAR	W9TE	FWRC	
443.10000	CC1	448.10000	CC1	DMR	Crossroads	K9MMQ	K9MMQ	ACARES DMR Net
443.80000	141.3	448.80000	141.3	FM analog		W9INX	ACARTS	Red Cross
444.25000	141.3	449.25000	141.3	FM analog		W9AVW	W9AVW	
444.80000	CSQ	449.80000	CSQ	FM analog	IRLP 8177	W9FEZ	Mizpah	
444.87500	141.3	449.87500	141.3	FM analog		W9TE	FWRC	

Allen County GMRS voice repeater (updated as of 10/1/25)								
RX freq.	RX access	TX freq.	TX access	mode	Special use	Nets	Callsign	Owner
462.675	141.3	467.675	141.3	WFM ana.	Red Cross	ACARTS GMRS Net	WRDC557	ACARTS

Allen County area data systems (updated as of 10/1/25)											
RX freq.	RX access	TX freq.	TX access	mode	network	BBS/ MBX/ PBBS	owner	net alias	network node	KA-node	digipeater
144.39	141.3	144.39	CSQ	APRS	APRS	W9INX-1	ACARTS	INFW	W9INX-2	W9INX-7	W9INX-8
145.53	141.3	145.53	CSQ	packet	NEIPN	W9INX-1	ACARTS	INALEN	W9INX-6	W9INX-7	W9INX-8

Please note that this information is provided by the local amateur community—thank you! *If you see any information that is incorrect or out of date, please ease send any needed additions, deletions, or corrections to the newsletter editor at drjoshlong (at) gmail.com.*

A fillable version of this form is also available at: <https://new.acarts.com/forms/acarts-app.pdf>



Allen County Amateur Radio Technical Society – W9INX

Email to: Sec@ACARTS.com or Tres@ACARTS.com

P.O. Box 10342
Fort Wayne, IN 46851-0342

ACARTS MEMBERSHIP FORM

Membership applications can be sent via Email, Postal, or in person at a member/board meeting. Membership applications & payments via credit card can also be filed out directly online at <https://www.Hamclubonline.com>

New Member ☐ Yes ☐ No / Existing Member ☐ Yes ☐ No / Additional Household Members*: ☐ Yes ☐ No
Change in any contact information? ☐ Yes ☐ No *Attach additional membership forms for each family member
Membership type: ☐ Full Member or ☐ Associate Member or ☐ GMRS Family Group
Do you want the Allen County Ham News Monthly Newsletter Emailed to you? ☐ Yes ☐ No

Amateur Call Sign: _____ Class: _____ GMRS Call Sign: _____

Are you a current **ARRL Member**? ☐ Yes ☐ No ARRL Expiration Date: _____

First Name: _____ Last Name: _____

Do you use a
Nickname: ☐ Yes ☐ No: If so, what is your Nickname: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ Type: ☐ Home ☐ Cell ☐ Work Publish*: ☐ Yes ☐ No

Phone Number: _____ Type: ☐ Home ☐ Cell ☐ Work Publish*: ☐ Yes ☐ No

Email: _____ Publish*: ☐ Yes ☐ No

Each member must have a UNIQUE email address; family accounts cannot use the same email for multiple persons in the Hamclubonline.com system database.

*Website Publication Information is only visible to registered Active members of HCO & ACARTS.

Membership Dues are calculated as follows:

	Quantity	Total
Full Membership \$12 per calendar year (Jan 1 through Dec 31)	_____	\$ _____
Associate Membership* \$6 per calendar year (Jan 1 through Dec 31)	_____	\$ _____
Additional Membership Names: _____		

Total Amount Paid: \$ _____

*Associate Memberships also include Licensed Household members, non-FCC licensed members, and Students (under 18 Y.O.).

ACARTS USE ONLY: Entered Date: _____ HCO Member #: _____ By: _____
Fees Paid: ☐ In Person/☐ Online via: ☐ Cash ☐ Check# _____ ☐ HCO/Square CC Trx#: _____
☐ Full Year/ ☐ Partial Year? _____ HCO Updated? _____ By: _____

FWRC Membership Application for 2025

Name: _____ Call Sign: _____
License Class: _____
Street address: _____ City: _____
State: _____ ZIP: _____ Phone #: (____) _____
* Email address: _____
* (@arrl.net domain is unreliable. Please use an alternate email address if you have one).
ARRL Member? _____ (ARRL membership helps the club maintain ARRL affiliation)
May we list your name, call & email address in our membership roster & on our club web site? Yes or No

Fort Wayne Radio Club dues:

Regular membership	\$20.00 / year
Family membership ¹	\$25.00 / year
Student membership ²	\$5.00 / year
Associate membership ³	\$15.00 / year

(Memberships for July-December are ½ the stated amounts)

Please attach a check to this form (paying by check is strongly encouraged) made out to:
Fort Wayne Radio Club (check number _____) and bring to a club meeting or mail to:
Fort Wayne Radio Club
P.O. Box 15127
Fort Wayne, IN 46885-5127

- 1: Please list all names and calls on an attached sheet.
- 2: K-12 or full time student.
- 3: Unlicensed member.



53rd FORT WAYNE HAMFEST & Computer Expo

Sponsored by Allen County Amateur Radio Technical Society



ARRL Representatives

Brent Walls N9BA

ARRL Central Division Director

Josh Long W9HT

ARRL Central Division Vice Director

Bob Burns AK9R

ARRL Indiana Section Manager

**November
15 & 16
2025**

**SAT 9 AM to 4 PM
SUN 9 AM to 2 PM**

**Admission: \$10 Sat &
Sun (Weekend)
\$5 Sun only
Children under 12 free
(with adult)**

**Ham Radio License Testing All Classes (\$14)
9 AM till 12 PM Saturday**

**WAS & DXCC Card Checking and CQ
Awards**

Youth Lounge (under 12 accompanied by adult)

**New & Used Ham Equipment Dealers
Main & Hourly Door Prizes**

**2 Rooms of Special Interest Forums All Day
Saturday**

Talk-in Radio Frequency 146.880 (-) PL 141.3

**Tables: Starting at \$35 Regular, \$55 Premium, \$40
Electricity**

Drive Directly to Your Table for Setup

**Allen County
War Memorial Coliseum
4000 Parnell Ave
Fort Wayne, IN
73,000 sq. ft. all indoors
(Coliseum Parking **\$8** per
vehicle)**



Mobile Guide

Get the latest information at
www.fortwaynehamfest.com

www.facebook.com/FTWAYNEHAMFEST/



Hamfest General Questions:
Email: info@fwhamfest.com

Table Questions:
orders@fwhamfest.com

Mail: PO Box 10342, Fort Wayne,
IN 46851

Phone: (260) 579-2196