



Zero Beat

Volume XXXV, no 9

<http://www.w8lky.org>

September, 2021

Serving the Tri-County area since 1986

Upcoming Club Programs & Events

- September 4th - Club Breakfast
- September 8th - Club picnic
- September 25th - VE Exams

[for all events, see w8lky.org](http://www.w8lky.org)

Club Breakfast

At 8:30am on the first Saturday of each month, we meet for breakfast at

**Don Panchos Restaurant
(2105 W. State St, Alliance)**

All are welcome.

Club Meeting

This month, we will be having a club picnic at the JayCee Pavilion in silver Park

See more info in this issue

President's Remarks



Good day everyone, I trust this finds you and yours well. We are now entering into the home stretch for the 20-21 year for AARC. To put it mildly, it has been a challenging year, working around

the Covid 19 Pandemic. We had to modify how we meet by using our Two Meter frequency on the second Wednesday each month. I want to thank everyone for their patience during the last year.

We recently completed the Carnation Grand Parade project using some of our newer club members and they did an excellent job. The 440 machine worked flawlessly. We also had direct contact with Sgt. Perkins (also a ham operator) of the Alliance Police Department who was the day shift supervisor on Parade Day August 14th. The weather was perfect which added to the success of the project. Many thanks to Karen (N8HUC) and her daughters boy friend who pulled our club trailer in the parade. The parade was televised live on Spectrum Alliance Channel 1022 and will be replayed at later dates. WDPN 1310 AM in Alliance also broadcast the parade

(Continued on page 3)

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AARC Meetings

The Alliance Amateur Radio Club meets on the Second Wednesday of each month at **Don Panchos Tex-Mex Cafe**. For times, and program information, check the meeting announcement in this newsletter, or check our website (see below)
Talk-in on either of the club repeaters.
Meetings begin at 7:30 PM. Visitors are always welcome.

Find Us Online:

Web: www.w8lky.org

E-mail: w8lky@w8lky.org

AARC Repeaters

2 Meters

145.370 (-) W8LKY
(PL - 110.9hz)

440 MHz

442.350 (+) W8LKY
(PL - 131.8hz)

Nets

Tuesday

Homeland security Net

7:00PM 147.51 Simplex

Thursday

Ten Meters

8:00PM 28.420 MHz (SSB)

8:20PM 28.100 MHz (CW)

Two Meters

9:00 PM 145.37 MHz W8LKY (-)

President's Remarks



(Continued from page 1)

live.

The club's VE Sessions continue under the guidance of Karen (N8HUC). We are currently conducting the sessions at the First Christian Church in Alliance. The next sessions will be September 25th, registration at 8am, testing at 9am. The FCC now requires a valid email address for testing. Contact Karen for current info on testing. We are looking for more certified VE's in the club to help on our VE Sessions.

We will meet for breakfast Saturday September 4th at 8:30 AM at Don Ponchos. The September business meeting will take place at the Jay-cee Pavilion in Silver Park on September 8th at 7pm. We will celebrate our 2021 year with Hot Dogs and Buns which will be furnished. We would like you to bring a side dish of your choice to share.

73

Ron (KE8HCY)

ARRL Now Provides FREE RF Exposure Calculator

The FCC has adopted guidelines and procedures for evaluating environmental effects of RF emissions. The new guidelines incorporate two tiers of exposure limits based on whether exposure occurs in an occupational or "controlled" situation, or whether the general population is exposed or exposure is in an "uncontrolled" situation.

Under the new FCC rules, some amateurs need to perform routine station evaluations to ensure that their stations comply with the RF exposure rules. This can be as simple as running an online calculator to determine the minimum safe distance between any part of your antenna and areas where people might be exposed to RF energy from your station. Although amateurs can make measurements of their stations, evaluations can also be done by calculation.

To make this easy for amateurs, ARRL now provides an RF exposure calculator on its RF Exposure page. To use the calculator, enter your transmit peak-envelope power (PEP) and operating mode, and answer the questions about the maximum amount of time you might be transmitting. The calculator will give you the minimum distance people must be from your antenna and human exposure.

You can print the results and keep them in your station records. There is no requirement to send your results to the FCC.



In Brief

- **10/02/2021 | World's Largest Horseshoe Crab Roadside Attraction Oct 2, 1400Z-2000Z, K8HO**, Hillsboro, OH. Highland Amateur Radio Association. 7.220 14.220. Certificate. Highland Amateur Radio Association, 21 Highland Drive, Hillsboro, OH 45133. highlandara@gmail.com
- **When hunting down a pesky RFI noise source**, remember that gear does not have to be on to generate RF noise. The switching power supplies that are part of today's electronics often continue to operate even when the device appears to be off. The only way to be *reasonably* sure a line-operated device's switching power supply is not operating is to unplug the device from the wall. (From the August 18th issue of the ARRL Contest update)
- [Cycle 25 could be big, and early!](#) According to Spaceweather.com, "[Solar Cycle 25 is heating up faster than expected.](#)"



2021 FINDLAY HAMFEST

Vendor set-up 6AM.
Doors open at 8AM.

SUNDAY, SEPTEMBER 12

Hancock County Fairgrounds
1017 E. Sandusky St., Findlay, OH 45840

41.036717
-83.631166

- \$10 Admission
- \$20 Vendor Table (\$15 additional tables)
- \$ 5 Flea Market Space
- \$15 Overnight fee

CONTACT US:

Talk In: 147.15+ (PL 88.5)
444.15+ (PL 88.5)

Phone: 419-423-3402

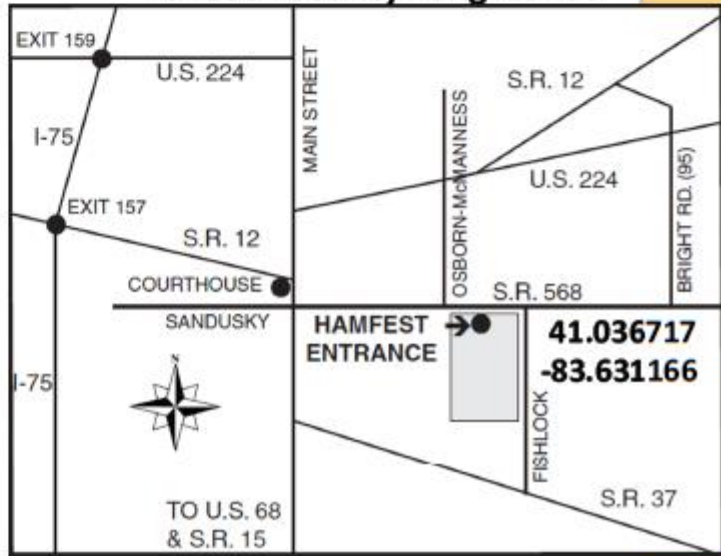
www.findlayradioclub.org/hamfest
hamfest@findlayradioclub.org



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RAIN OR SHINE
FREE PARKING

Hancock County Fairgrounds



41.036717
-83.631166



For more information and online ticket sales, just point your cell phone's camera on this QR code.



AARC Repeaters

2 Meters

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(PL - 110.9hz)
Echolink:

440 MHz

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Tuesday

Homeland security Net

7:00PM 147.51 Simplex

Thursday

Ten Meters

7:30PM 28.122 MHz
(Olivia)
8:00PM 28.420 MHz
(SSB)
8:30PM 28.100 MHz
(CW)

Two Meters

9:00 PM 145.37 MHz
W8LKY (-)

Minutes

Remember, our club minutes (with the financials redacted) can be found on our website at w8lky.org.

The treasurers report can be obtained by e-mailing the treasurer at kd8mq1@gmail.com

AARC Monthly VE Testing

The Alliance ARC is now doing monthly VE testing.

Our next session will be on

Saturday, September 25, 2021

Further dates are posted on W8LKY.org.

It will be held at the First Christian Church, 1141 W. Beech Street, in Alliance

Registration will be between 8-9AM, and testing will begin at 9 AM

The cost for testing will be \$15.00

Applicants Need to Bring the following;

- Copy of any current Amateur Radio License
- You must have an E-mail address for the FCC form. This is how they will contact you.
- If not licensed please go to the FCC website and register for an FRN. Bring this number with you as it is needed for your application.
- Photo ID showing current address like a Driver's License
- One additional ID, like a CCW Permit, Passport or work ID
- \$15.00, Cash only and exact change is encouraged
- A calculator is optional for math problems

For any additional questions please contact VE Team Liaison

Karen Andrews, N8HUC
(330)206-0563

Editors Rambling

Hi everyone,

I'm writing part of this on the way home from another of my mini-vacations. This was a great weekend getaway to activate 4 parks; one of them a new one. My partner in crime for this trip was Tim, AA4SS. I met Tim on the air back in the spring. His Grandfather was an AARC member back in the day. Anyone remember WA8KZM, or Kazzem, as we would call him?

The rest of this is being written on the fly. It's been a busy day. I got to test out a homebrew 40 Meter vertical, then attended the Ohio BBQSO party which was put on by PCARS up in Portage County. They were running the Ohio QSO party, and cooking burgers & brats.

Which brings to mind that our September club meeting will be a picnic at the JayCee pavilion at silver park. See Ron's column for all the details.

Again there is **no Castle Run this year**. Hopefully, it will return in 2022.

That's it for me this month.
Have fun, and get on the air.

73 DE KD8MQ

Newsletter Information

The Zero Beat is a publication of the

Alliance Amateur Radio Club
P.O. Box 3344
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www.W8LKY.org