



Dhruv Rebba (KC9ZJX), David Samu (VE7DZO), Mason Matrazzo (KM4SII), and Violetta Latham (KM4ATT) were the youth for the 2018 Dave Kalter Memorial Youth DX Adventure to Curacao. In a previous newsletter, we reported the number and type of contacts made. A [presentation](http://bit.ly/2Gg6msK) (http://bit.ly/2Gg6msK) was made at the January meeting.

Wavelengths

Xenia Weather Amateur Radio Net XWARN (W8XRN)

Feb 2019

147.1650+ (123.0) (Analog Only)
443.1000+ (123.0) (Analog + System Fusion)

Meetings: 2nd Monday, 7:30PM, Greene Memorial Hospital
(1141 N Monroe Dr, Xenia, OH) Herman Menapace Auditorium

President's Message

Happy February! It was great to see so many of you at the recent National Weather Service's spotter training. If you were unable to attend, Montgomery County is having theirs on March 9th. The advanced training is in Cincinnati this year.

The Kid's TechFest is coming up on February 16th and 17th at Sinclair Community College. This is a great event that the kids really seem to enjoy. DARA is sponsoring different radio build kits and will have student tickets to Hamvention.

This month we will have John Westerkamp, W8LRJ, giving his presentation on DMR. Greene County is about to have a brand new DMR repeater and will have special talk groups solely for GCARES and XWARN. This will be a great way to facilitate emergency nets, if we so choose.

73,

Elizabeth Klinc, KE8FMJ

Minutes: Jan 14, 2019

Club Contacts

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- Newsletter, Jason Bowman, WG8B
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Meeting was opened by Liz at 1932. ___ members present.

Motion to accept the November 2018 Minutes made by Jim Beller and Richard. Passed. 1 opposed.

Cracker Barrel. Ham radio classes coming up. Feb 10 Sunday first class. Tech in Bellbrook.

Committee Reports

Membership. 9 Life, 10 annual. *Secretary's Note: These numbers do not reflect anyone who paid at the January meeting.*

Treasurer's Report. Please see the Secretary or Treasurer for current balances and expenses. Janese, Richard motion. Passed unanimously.

Public Service. Did Resolution Run, weather miserable then Ok. Big success. Good coverage on course. Tech Fest Feb 16-17. Different kits this year. Xenia Marathon April 7.

Trailer. Nothing to report.

Repeater. Jim Simspon, Bret not here. Repeaters are working, but 440 has some static or AC hum.

Website. Josh not here.

Facebook. Approximately 260 followers now.

Newsletter. Please send Jason some ideas. *Editor's Note: As an example of what can happen without input from the club, this month's newsletter is very light. Jason will be switching to an Minutes-only newsletter starting with the 2020 business year for XWARN without at least some inputs from the club.*

Mesh. Nothing to report. Bill not submitted.

Old Business

Christmas banquet recognition for Janice Crawford T-shirt, Mike Crawford Trailer and food for Field Day, Karen Baker for helping, Jason for completing tax exempt status with the IRS, and Steve for his ongoing Treasurer's duties.

New Business

Renew membership.

Hamvention theme "mentoring next generation"

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(Continued from page 2)

Program

Dave Kalter Memorial Youth DX Adventure made a presentation from last year's excursion. Brigid Builders Lego League from St. Brigid's school in Xenia did a presentation. *Editor's Note: I believe I have video of both presentations. I am waiting to create a YouTube channel before posting and making them available. Now that we are a non-profit, I want to set up up "G Suite for Non-Profits". It's a Google product that will give us some productivity tools for free as well as the normal Google Drive space and YouTube channel with their free-for-anyone account.*

Next meeting Feb 11, 2019

Motion to adjourn.

Meeting ended 2051.

Jason Bowman

WG8B, Secretary, XWARN

XWARN Mission

The mission of the Xenia Weather Amateur Radio Net (XWARN) amateur radio club is to conduct weather spotting nets during severe weather and other communication services for the City Of Xenia and all other Greene County communities.

In this capacity, we are set up to provide communication services as required to the Greene County Ohio Public Service Agencies and other local government entities. The communications services provided to the supported agencies may be for emergency purposes or to simply enhance their communications abilities. On an as needed basis XWARN provides similar services to various government entities of our surrounding counties.

Additionally, XWARN provides communications support to various community organizations in support of marathons, 5K runs, 10K runs, bicycle events, etc. to provide health and safety assistance to the participants and sponsors of said events.

In support of these goals, XWARN operates and maintains amateur radio repeaters and other equipment in Greene County.

Mesh at the Twin Cities Marathon

It's been a while since I've posted anything from the ARES e-Letter only because I haven't been around the ARRL website much lately. But I went there today and noticed an [article](http://bit.ly/2RINALH) (<http://bit.ly/2RINALH>) about how some amateur radio operators support public service events in other areas.

In this case, they were supporting the Twin Cities Marathon. Their primary role is supporting non-emergency a volunteer medical support services as well as providing a family "reunification" service that tracks runners receiving medical services or otherwise have been seen to leave the race course for whatever reason. Remember that almost any event of any size will track participants who stay on the course by RFID tag on their number.

Of particular note are some of the technologies they use to provide services.

Radios include rented UHF trunked radios, five amateur radio repeaters, mesh networking using 5GHz Ubiquiti equipment, and various other systems including D-STAR. The article did not state why the UHF trunked radios were being used, but one explanation is something I've talked about in the past — if you are trying to integrate other volunteers into your communications plan, you need something other than amateur radio whether it's a Part 90 radio or MURS, FRS, or GMRS under Part 95.

They also wrote not only a web-based application to track all of the collected information but also implemented a chat application to pass along certain types of information. If you've ever taken the emergency communications course offered by ARRL, they make it very clear that certain modes are better for passing certain kinds of information, e.g. the amateur radio operator who was trying to "morse" out a page-long list of names when there was a perfectly good fax machine with a perfectly good phone line on the other side of the room. D'oh!

Finally, there are several paragraphs on their mesh setup. I'll let you visit the ARRL e-Letter online for the details, but as a teaser I'll just say they needed to send video 10 miles at 5GHz! For those of you who don't know, that is a difficult task.



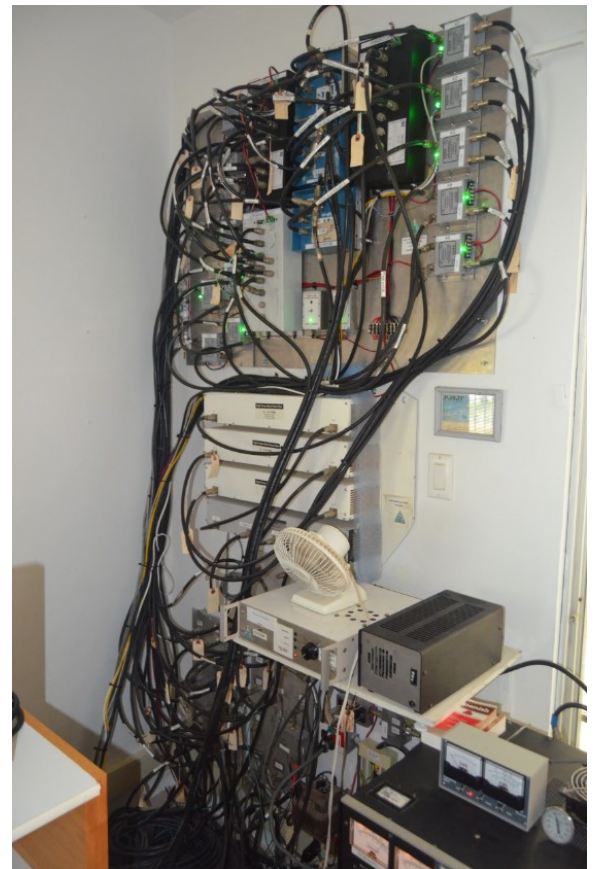
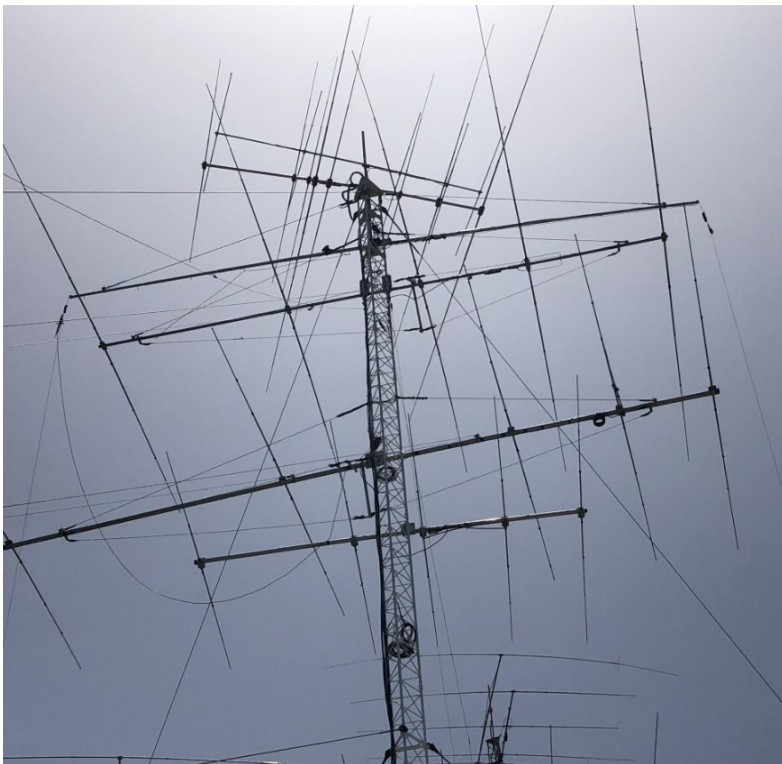


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David



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«FNAME» «LNAME» - «CALL»
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«CITY», «STATE» «ZIP»

Wavelengths

Wavelengths is published monthly by the Xenia Weather Amateur Radio Net. Our meetings are currently held on the 2nd Monday of each month at **7:30 pm** at the Greene Memorial Hospital Auditorium. You can find additional information about our organization at www.xwarn.net. We welcome new and experienced Amateur operators and those interest in becoming an Amateur operator to attend our meetings.

