

October 2022

The

Wave Bender



October 2022

Vol. 13.9



2022 Officers

President:

Chris Monske WF8U

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Russ Williams NR8W

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Amanda Monske KC3GFU

Treasurer:

Bob Kramer KE8HHH

Past President:

Bob Mitzel N8RCM

Trustees:

Rose Marko KD8TII

Ed Newsome KE8NSW

Bill Egan KD8HCQ

ANTENNA WORKSHOP

Sat Oct 15th

10am-1pm

Austintown Library

Limited Spots Avail.

Register Online!

Board Meeting:

Sunday Oct 16th
@ Time & Venue
TBD

Member's Meeting:

Tuesday Oct 18th
@
Davidsons
Restaurant
Canfield, OH
6pm for Dinner
7pm for Meeting
Public Welcome!

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FROM THE PRESIDENT'S DESK



Two months of classes in the books and I'm glad to say they seem to be working. August started these new classes with Technician having a total of 4 new HAMS. What they all could agree on is they had been looking for in person classes. The zoom classes seem to work for some people, but these folks wanted the personal experience. I can agree too that studying in person can be a daunting challenge too.

September, we tried a general class with 2 returning students and even a couple of longer licensed upgrades. That group produced 3 new generals and even a technician tested and passed. A huge thank you to the VE's coming to work the test sessions.

Going along with the new classes, coming up in October we'll be getting together for an antenna build day. Just a simple G5RV design, but probably the most versatile HF antenna in the ham's equipment inventory. We'll cover some simple antenna theory about how they work, different ways a dipole will radiate the signal depending on how it's installed, and some basic soldering skills. Russ NR8W will be taking the lead for this class.

There is even a workshop being put together for November. With these new licensees, they'll need some assistance with getting started on the air. So, we're looking at them brining their radio if they've purchased one and teaching them some simple programing. Along with that some simple explanation of how radio works, like what is a repeater, how does it work, how do you use it, etc. Like I said that class is in the works, so of you have ideas for something that a new ham should know, get with me, or if you'd like to assist in teaching or being there to Elmer someone on programming.

After such a busy year, and a lot of new things and changes I think I'll be taking the month of December off, and then come January we'll get back to business.

73 de WF8U Chris

WRARC President




WRARC ELMER INFO		
Steve Fabry KC8SOY	Yaesu FT8900, FT 8800, Mobile	kc8soy@yahoo.com
Russ Williams NR8W	Antennas, Grounding, AC/DC	rwiliams@neo.rr.com
Darrin Cannon N8DMC	Yaesu Radio Programming, License Upgrading/Testing	darrincan@gmail.com
Bill Egan KD8HCQ	Field Day Operating, Wire Antennas, IC-2200, FT-450	popbottle@zoominternet.net
Bob Kramer KE8HHH	Raspberry Pi	snowyowlooo@gmail.com
Dave Slagle N8PPP	QRP	daslagle@zoominternet.net
Chris Monske WF8U	Repeaters, HF Mobile & Portable, Field Radio Programming, Mobile Installs	kd8ely@gmail.com

OCTOBER CONTESTS

1-2 – Collegiate QSO Party

15-16 – EME – 50 to 1296 MHz

17-21 – School Club Roundup



SWAP N SHOP

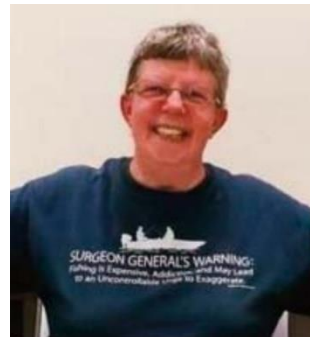
Do you have something for sale or barter?

List it here!

Contact:
afarone926@gmail.com

UPCOMING ELECTIONS....

Hello, everyone. It's been a while since I've written an article or two for the newsletter. It has come to my attention that there is an upcoming election in November for a new Trustee, me. My two years as trustee was due in part to the passing of our member, Ray LaShure who succumbed to an illness he was suffering with at the time of his appointment as trustee. I was asked by the board members if I would accept that position and fill his shoes, and I agreed. But now my term is rapidly approaching, and I must decline any nominations to extend my term for another two years. The trustee's job is basically to help out with any requests the president may need help with, whether it be about ham radios, or some other tasks. But the main task is to audit the books at the end of the year. That is for all three trustees to do. Right now, my time with the club is taken up by being the photographer, historian, and data base manager, and as net control operator for any, and all events that we volunteer for during the summer months. I also, as a side job, put together a monthly Saturday morning Young Ladies breakfast brunch for all the ladies of the club whether they be licensed or unlicensed, to get together and discuss any other topics we want, other than ham radios, and just have fun. These breakfast brunches are held at different restaurant locations every month held on the first Saturday of the month starting in November, after all the events have finished, and extend through May of the following year. Therefore, knowing all this, I hope that one or more members, whether old or new, will ponder this position and nominate themselves or another member they feel will do a good job and get involved with the club activities. Please give it some thought.



Rosemary Marko KD8TII

Trustee



Youth Net

When: The second Sunday of every month at 7:30 PM EST

Where: The K8IV repeater located in Kent, Ohio (Echolink node K8BF-L) RF: 146.895 Mhz with PL 118.8

Who: Any licensed amateur radio operator who wishes to participate. Priority will be given to youth stations and those located in Ohio.

The purpose of this net is to encourage youth activity in amateur radio and to help new hams get more comfortable on the air.

UPCOMING HAMFESTS

10/15 – Portsmouth Radio Club Hamfest

New Boston Village Community Center

3980 Rhodes Ave.

New Boston, OH

Portsmouth Radio Club, Jett Fire, & Shawnee Computer

10/30 – Massillon Hamfest

Military Air Preservation Hangar

2260 International Parkway

Green, OH

Massillon Amateur Radio Club

12/03 – FCARC WinterFest

Ruihley Park Pavilion

320 W. Holland St.

Archbold, OH

Fulton County Amateur Radio Club



Chris Monske WF8U

Shirley Boles KD8SSB

Denver Johnson AD8JC

Maureen Stein KD8NXS

John Bailey N8UPD

Doug Sage KB8TPG

Bill Egan KD8HCQ

CONGRATULATIONS TO OUR GENERAL CLASS!



JOIN US FOR THE WRARC FRIDAY NIGHT NET!

9:00pm Every Friday

W8WRC -145.270 PL 110.9

WRARC Simplex Frequency 146.565

MVARA NET

Mondays @ 9:00pm – W8QLY Repeater -146.745 (PL 110.9)

MAHONING COUNTY ARES NETS

1st Monday 8:30pm W8QLY Repeater -146.745 (PL 110.9)

3rd Monday 8:30pm W8QLY Repeater 146.745 (PL 110.9)

ARES Thanks MVARA for the use of their Repeater

W8SGT is facilitating The Ohio HF Net every Tuesday @ 7:00pm

The net is run from the State of Ohio EOC on the Ohio ARES Admin Frequency 3875 kHz
LSB moves to 7240 Khz after 20 min

ALL are welcome to check in.

The Ohio ARES/OES Digital Emergency Net is held every Tuesday @ 8:00pm

Held on 3585 kHz USB

Please note all digital communications are Upper Side Band

<http://ohden.org>

Net Manager Gary NJ8BB

Lawrence County ARES Net

Thursdays @ 7:00pm

K3ACS Repeater – 444.175 +5 offset 131.8 PL

Massillon Hamfest

Come one, come all to the Massillon Amateur Radio Club 2022 Hamfest at MAPS Air Museum, one of the nation's premier WW2-era aircraft museums.

October 30th we will again be at MAPS, 2260 International Parkway, N. Canton, OH, 44720. MAPS is accessed easily from I-77.

Tables are on sale now at the club website (\$15 again this year) as are tickets (still \$5). This is a great value as your admission includes both the hamfest and a tour of the museum.

Information may be obtained at W8NP.net.

Vendor Info: Gerry Sorensen, KG8RRY
Email: Club@w8np.net



AMATEUR RADIO NEWS FROM AROUND THE WORLD

ARRL Foundation Grants \$270,000 to Amateur Radio Clubs

The new [ARRL Foundation Club Grant Program](#), funded by a generous grant from Amateur Radio Digital Communications (ARDC), has awarded \$270,000 to radio clubs that participated in the first round of applications.

The Club Grant Program, introduced earlier this year, includes \$500,000 to be awarded to radio clubs with projects that will have the most impact on amateur radio, the community, and the future of radio technology. The grants will fund transformative projects that encourage the growth of active amateur radio operators and training opportunities, education programs for student groups and schools, and club revitalization. A second round of applications to award the program's remaining funding will open on September 7, 2022.



Twenty-four clubs were notified on Monday, August 29, that they are receiving grants. The ARRL Foundation received 128 applications in the first round, with requests totaling \$1.74 million. The selection committee noted that it was difficult work deciding between many high-quality grant proposals considering the finite available funds. Radio clubs that did not receive grants in the first round may revise and resubmit applications in the second round.

An informational webinar will serve as an orientation to the program, providing information on how to apply. The webinar will take place on September 7 at 7 PM Eastern Time. Please register in advance to attend. After registering, you will receive a confirmation email containing information about joining the webinar:

Webinar: **ARRL Club Grant Program: Round Two Kickoff**

When: **September 7, 2022, at 7 PM Eastern Time**

Register: tinyurl.com/ARRL-Webinar-September-2022

The ARRL Foundation, established in 1973 by [ARRL The National Association for Amateur Radio](#)[®], administers the Club Grant Program. ARRL has long recognized that it is in the best interests of amateur radio to encourage and support amateur radio clubs. Historically, clubs have recruited, licensed, and trained new radio amateurs and have provided the community setting for them to continue their education and training.

The new Club Grant Program will help clubs more easily provide and expand their important services. More information about the program can be found on the ARRL Foundation website at www.arrl.org/club-grant-program.

Amateur Radio Makes the Connection to Save Lives in Wisconsin and Idaho

The following two rescue stories are great examples of why amateur radio is important. The first story occurred in Wisconsin and is told by ARRL member Scott Strecker, KG9IV. In his own words, Strecker shares how he was able to help a ham in distress. Thanks to the Chippewa Valley Amateur Radio Club in Wisconsin, an ARRL Affiliated Club, for this information.

"It was Friday, September 2, 2022, which meant I worked from my home office. I have the VHF radios on low to monitor them in the background. Recently, I got into the Allstar node with a hotspot. I use it to monitor the FM38 systems (Allstar 2495) in the southern [part] of Wisconsin.

At about 7:45 AM, I heard the Allstar node come up. An individual in distress was asking for assistance to get an ambulance to him. It was a ham in Brown Deer, Wisconsin. He had slipped on his bathroom floor and went down so hard he could not get up, but he happened to have his handheld with him (don't we all). He did not have access [to the] phone, and he lived alone.

[I called the] Brown Deer police call center. The dispatcher got the fire department rolling and then started asking me for more details. I had the dispatcher on speaker phone, and he could hear the hams' responses to the questions. Being on a handheld and [lying] prone, the signal was, at times, noisy. At that time, both the other ham and I used ITU phonetics to get the exact info out. All those times practicing on the ARES® nets made it second nature. The dispatcher was also able to understand the info without my having to repeat it.

It felt good to help out. I also realized it was due to my monitoring that I was able to hear his call. If you are not participating in the weekly local ARES net, I would encourage you to do so when you can."

In addition to Strecker's story, newly licensed amateur radio operators Shannon Vore, KK7GVG, and CJ Bouchard, KK7GNG, also shared a rescue story. On September 3, 2022, in the Rocky Mountains in northwest Idaho, they were out for a weekend of four-wheeling in their Jeep. The area is an extremely mountainous region with no towns, very few people, no facilities, and no cell phone coverage. The nearest airfield is Horse Haven Trail, an unimproved dirt strip that's severely eroded and covered with rocks and debris.

At about 4:30 PM, Vore and Bouchard were taking a break when an approaching truck notified them of an ATV accident involving two teenage girls. The accident scene was just a few miles away, and when they arrived it was clear the teenagers were critically injured. Bouchard was unable to contact several local repeaters, but was finally able to make contact using a simplex frequency (146.420 MHz) that's popular with the hams in Coeur d'Alene, 20 miles from the accident site.

While Bouchard and an off-duty Emergency Medical Technician (EMT) were administering medical aid to the teenagers, Vore took over radio operations. The call for emergency assistance was picked up by local amateur radio operator John Tappero, K7JNT, who immediately called 911 and asked that 146.420 MHz be used only for emergency traffic. For nearly 2 hours, Vore and Tappero provided relay between the 911 dispatcher, advising the condition of the injured and the approaching weather. Life Flight Network was unable to respond because of a severe thunderstorm immediately over the rescue site.

Two teams of EMT's were dispatched, but due to the mountains and the storm, they couldn't communicate with dispatch. Tappero continued to provide relay information for all parties until 6:00 PM, when the EMT's arrived. The teenagers were in stable condition and immediately transported to the nearest hospital. Today, they're in good condition and recovering.

"It took us about 2 days to wind down from the experience," said Vore. "We are both glad we had our amateur radio licenses and were able to help."

Bouchard said that they had been using radios on the General Mobile Radio System (GMRS), but have since upgraded their licenses for more operating privileges. "Because the area signals were not good, it was difficult to communicate," he continued. "So, we studied, took our exams, and are now looking forward to much more amateur radio opportunities."

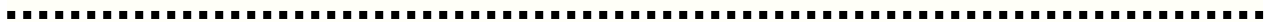
Both Vore and Bouchard are now looking to join a local amateur radio club and become involved in the ARRL Amateur Radio Emergency Services® (ARES®).



Shannon Vore, KK7GVG, and CJ Bouchard, KK7GNG, used ham radio to respond to an accident in a remote area of Idaho. Bouchard used a simplex frequency on the 2-meter band to get help.



Southern Ohio Amateur Radio Association (SOARA) and Lawrence County Amateur Radio Emergency Service® (ARES®) members will participate in an On the Air Special Historical Event on Saturday, October 1. SOARA members invited amateur radio clubs across the tristate area to participate in this event. They will be operating on several different frequencies from the Burlington Commons Park shelter on the riverbank in Burlington, Ohio, from 9 AM - 2 PM. The radio stations will use SOARA's call sign, W8SOE. This year, in keeping with the historical event series, SOARA will bring attention to the early history of Lawrence County and its first county seat, established in 1817, in Burlington. The event will focus on the importance of Burlington as part of the Underground Railroad. This event will be the first for the ARRL Ohio Section at this location. "This event has all the opportunities for a fun-filled family day to engage the public and learn about the rich history of Burlington," said SOARA Public Information Officer Mike Love, WB8YKS. An effort will be made to raise public awareness of amateur radio and the benefits of getting licensed, as well as emergency and community service. A special certificate will be issued to all amateurs who contact SOARA. "I am excited that the SOARA members have decided to have their special event here at the Burlington Commons [Park] and are focusing on our area's history," said Concerned Citizens of the Burlington Area President Tamara Howard. Eddie Jenkins, N8URU, Assistant ARES Coordinator and SOARA Assistant Volunteer Examiner Testing Team Leader added, "The special event station will mimic the emergency conditions required during a total communications failure. This includes telephone, commercial radio, television, cell phone, and web access due to devastating weather, earthquakes, and wildfire conditions," stated.



Amateur Radio Operators Track Hurricane Fiona

The National Hurricane Center (NHC), the Hurricane Watch Net (HWN), the Voice over Internet Protocol (VoIP) Hurricane Net, and the Salvation Army Team Emergency Radio Network (SATERN) all have been engaged in tracking Hurricane Fiona.



Amateur radio operators have been reporting weather conditions since Monday, September 19, 2022, and have received positive feedback on their assistance. The VoIP Hurricane Net was active for 14 continuous hours on Sunday, September 18, for Hurricane Fiona, as it pummeled the southern and southwestern portions of Puerto Rico with catastrophic rainfall and flooding with hurricane-force conditions.

In the ARRL Puerto Rico Section, Public Information Coordinator (PIC) Angel L. Santana-Diaz, WP3GW, who lives in Trujillo Alto, reported a widespread blackout as the hurricane made landfall on the island. Still, he explained, there were ham radio repeaters that remained on the air with amateurs sharing reports of damage, including downed trees and power poles, and roofs ripped from homes. ARRL Member Pedro S. Labayen, KP4DKE, of Utuado, was mentioned in a [Miami Herald](#) article for reporting the significant damage to his rural and mountainous region of the island.

The NHC has issued advisories for Hurricane Fiona and Tropical Storm Gaston. Marine warnings are also in effect for the Caribbean and the Southwest Atlantic. As of 2:00 PM EDT (1800 UTC) on Thursday, September 22, the NHC reported that Hurricane Fiona is forecast to pass just west of Bermuda by late Thursday evening, approach Nova Scotia on Friday, and move across Nova Scotia and into the Gulf of St. Lawrence on Saturday. Fiona is a category 4 hurricane with maximum sustained winds near 130 mph (215 km/h) with higher gusts.

In advance of the hurricane, the Radio Society of Bermuda activated their Emergency Measures Organization (EMO) on Wednesday, September 21, at 1:43 PM ET and plans to have 14 active amateurs monitoring the hurricane network. Plans are to use local repeaters, unless there's a power loss, then they'll switch to simplex. They're currently monitoring 14.283 MHz and will continue to monitor that frequency.

The HWN will be activated on Thursday, September 22, at 5:00 PM EDT/AST (2100 UTC) on the primary frequency of 14.325 MHz. Activation for the 40-meter net on 7.268 MHz will be at 7:00 PM EDT/AST

(2300 UTC). The net will be on 20 meters for as long as propagation will allow and will remain active on 40 meters until it's no longer required, or propagation goes away.

However, should Hurricane Fiona make direct landfall, operations will resume on Friday, September 23, at 9:00 AM EDT/AST (1300 UTC) to assist with post-storm reports and any outgoing health and welfare traffic, which would be directed toward SATERN.

HWN Manager Bobby Graves, KB5HAV, offered some suggestions for amateur radio operators contacting the net.

"We look for reporting stations that can provide us with any measured or estimated weather information that we can relay directly to the forecasters at the National Hurricane Center in Miami. Such weather information we look for is maximum sustained winds, wind gusts, wind direction, barometric pressure, and rainfall amount -- how much over x-amount of time, storm surge, and damage," Graves said. "Also, should you have any outgoing health and welfare traffic before, during, or after this event, we are happy to assist as we work closely with the Salvation Army Team Emergency Radio Network."

Graves also said, as a reminder, the HWN is available to provide backup communications to official agencies, such as Emergency Operations Centers, American Red Cross officials, and storm shelters in the affected area. They also collect and forward significant damage assessment data to government and non-government officials.

Annual SET Exercise to Test Skills and Emergency Preparedness

The ARRL Simulated Emergency Test (SET) is scheduled for October 1 - 2, 2022. The SET is ARRL's annual national emergency exercise and is designed to assess the skills and preparedness of Amateur Radio Emergency Service[®] (ARES[®]) volunteers, as well as those affiliated with other organizations involved in emergency and disaster responses.



"The SET provides an opportunity to evaluate equipment and skills, and to gauge the level of preparedness," said ARRL Director of Emergency Management Josh Johnston, KE5MHV. "Additionally, it helps with interaction between other amateur radio operators and strengthens the level of training we all have."

The SET encourages maximum participation by all radio amateurs and partner organizations, as well as national, state, and local officials who typically engage in emergency or disaster responses. In addition to ARES volunteers, those active in the National Traffic System[®], (NTS[®], ϕ), Radio Amateur Civil Emergency Service (RACES), National Weather Service (NWS) SKYWARN[®], Community Emergency Response Team (CERT), and a variety of other allied groups and public service-oriented radio amateurs are needed to fulfill important roles in this nationwide exercise.

This year, ARRL introduces a new program of accessible online reporting forms that allow SET participants to report activity directly to ARRL Headquarters. The new forms allow Emergency Coordinators and Net Managers to report traffic and activity. Public Information Officers and Coordinators, as well as Section Emergency Coordinators and Section Managers, can also upload press releases and pictures online.

The SET offers volunteers an opportunity to assess equipment, modes, and skills under simulated emergency conditions and scenarios. Individuals can use the time to update a go-kit for use during deployments and to ensure their home station's operational capability during an emergency or disaster. To get involved, contact your local ARRL Emergency Coordinator or Net Manager.

SET guidelines and access to the forms can be found at www.arrl.org/public-service-field-services-forms.

October 2022

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2	3	4	5	6	7 WRARC NET 9:00p 145.270	8
9	10 Columbus Day	11	12	13	14 WRARC NET 9:00pm 145.270	15
16 Board Meeting TBD	17	18 General Meeting 7:00pm	19	20	21 WRARC NET 9:00pm 145.270	22
23	24	25	26	27	28 WRARC NET 9:00pm 145.270	29
30	31 Halloween					