

MAY 2022

The

Wave Bender



May 2022

Vol. 13.4



2022 Officers

President:

Chris Monske WF8U

Vice President:

Russ Williams NR8W

Secretary:

Amanda Monske KC3GFU

Treasurer:

Bob Kramer KE8HHH

Past President:

Bob Mitzel N8RCM

Trustees:

Rose Marko KD8TII

Ed Newsome KE8NSW

Bill Egan KD8HCQ

DAYTON HAMVENTION 2022

MAY 20-22

GREENE COUNTY
FAIRGROUNDS & EXPO
CENTER

Board Meeting:

Meeting:

Sunday May 17th
2:00pm via Zoom

Member's Meeting:

Meeting:

Tuesday May 15th @
Davidsons
Restaurant
Canfield, OH
6pm for Dinner
7pm for Meeting
Public Welcome!

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FROM THE PRESIDENT'S DESK

Good morning, good afternoon, and good night!

Well, it's been another month in the books, and finally we're seeing some change in the weather. Because of the weather getting much nicer if you missed our April club meeting, one of our very own members, KE8KZI Bill Taylor, was our presenter. Bill is a very active POTA hunter and I had asked him to do a quick presentation for us about POTA. He gave a great run down of what POTA is and was able to answer questions some other members had about it. I say with the weather getting warmer if anyone goes and activates a park, or even just stays home and does some hunting we'd love to hear about it. Write us a little story about your POTA experiences and we'll feature them here in the Wave Bender.



Not only is the weather getting nicer, but over the past few months we've been working on a huge project for our club and the HAM radio community. We have formed a Program with the Public Library of Youngstown and Mahoning County to begin teaching ham radio classes. Not only licensing classes, but some other hands-on workshops and some operating lectures and demos. The first round of classes begins in May, those dates being May 5th and the 12th from 3pm-7pm for Technician class. Then a review session and testing May 21st from 9am-3pm. Those classes can be found on the library website where you can also register for the classes. The following General classes will be held in July. Currently the days and times are not ideal, however they were so excited to get us scheduled in, they squeezed us into a quarterly schedule that had already been made up months in advance. So future classes we'll be trying to get better suited times and days since we'll be a part of the scheduling for following quarters.

In conjunction with the library classes and workshops, they have asked if we could also do a ham radio demonstration at the Main library in downtown Youngstown. So, I began thinking, instead of it just being a demonstration, let's make it a little bigger. So, to do that, our club will be sponsoring a contest called "Libraries on the Air". The date for this will be June 18th from 9am-4pm. The library will be assisting us in getting the word out to other libraries around the country, and we will be advertising it as much as we can in the radio world as well. You can check our Facebook page and I'm hoping soon the website as well for the flyer.

The library has also invited me to do an interview on the Louie B. Free Radio Show about the Program and HAM radio in general. You can listen live on Tuesday, May 3rd at 9am on wfmj.com/louiefree. I will also try to stream it to our Facebook group.

Field Day this year has some changes coming as well. If you haven't heard already, we will be in a new location out at Harry Meshel Park in Lake Milton. We're hoping to start changing locations every couple of years so that way we can be better prepared for different situations if ever a need for our emergency services arises. Typically, we begin our Field Day set up Friday, and this year after we're all set up, and even for those not able to set up until Saturday, Friday evening there will be a Fox Hunt. After a hard day of work, it'll be nice to have a little fun. Not only will we be in a new location, but we'll be bringing back some other things we've done in the past. One being a Chinese Auction for a fundraiser. Amanda KC3GFU and Maureen KD8NXS have been working on getting donations from local businesses and some bigger name companies as well, so be sure to invite your friends and family to come out, not only for the fundraiser, but even to see just what HAM radio is all about. We'll

PRESIDENT ' S DESK CONT ' D

also be doing a potluck dinner Saturday evening for everyone, so be sure to get with Maureen KD8NXS to sign up you, your guests, and a dish you'll be bringing.

The Chinese Auction this year will be directly funding the club's repeater fund. Only because that is probably our biggest project that needs to be done. We have a good start to the fund already, but that will be diminished quickly in the next couple of weeks. The price of concrete has been wildly fluctuating, and depending on just when exactly we purchase, it will affect how big of a chunk the repeater fund will drop, affecting the purchase of new hardline coax to feed the antennas. The base of the tower that goes into the concrete has been assembled, now it's just trying to predict the weather for a couple of weeks that will be dry enough to get the equipment into the yard to dig the base hole without causing too much damage or getting the equipment stuck. Then staying dry enough, the concrete can be poured to secure the base section in the ground.

Lots of things are happening and we're gearing up for a really busy and incredibly fun Summer. So, I hope everyone is ready for a wild time this year.

73 de WF8U Chris
WRARC President



Ohio Section Youth Net

Where: K8IV Repeater located in Kent, OH
RF - 146.895 Mhz with PL 118.8
Echolink - K8BF-L echolink node

When: The Second Sunday of every month at 7:30 PM
Beginning April 10th, 2022

Open to any amateur radio operator who would like to check in, priority will be given to youth, and operators located in Ohio.




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	snowyowloo@gmail.com
Dave Slagle N8PPP	QRP	daslagle@zoominternet.net
Chris Monske WF8U	Repeaters, HF Mobile & Portable, Field Radio Programming, Mobile Installs	kd8ely@gmail.com

MAY CONTESTS

28-29 CQWW WPX CW

www.cqwpw.com



SWAP N SHOP

Icom 7600 – Good Shape – Comes with LDG M-7600 External Multi-Function Meter and LDG IT-100 External Antenna Tuner. Standard Mic and Manual Included. Power cord, has power poles installed. - \$1200 obo

Sam DiRocco W8SDD

330.716.2127

mondior@zoominternet.net

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PAUL GUGLIOTTI KD8DEL

ROY HAREN KD8JFF

STU MULNE K8LEA

BOB KRAMER KE8HHH

ROY DYCKMAN KD8JMO

UPCOMING HAMFESTS

05/01 Lucas County Amateur Radio
Emergency Service Trunk Sale and
Swap Meet

Toledo Speedway

5639 Benore Rd.

Lucas County Amateur Radio
Emergency Service

05/20-22 Dayton Hamvention
Greene County Fairgrounds
120 Fairground Rd.
Dayton Amateur Radio Association

05/28 Scioto Valley Amateur Radio
Club Hamfest

Pike County Fairgrounds

311 Mill Street

Scioto Valley Amateur Radio Club

06/04 FCARC Summer Hamfest

Roth Family Woodlot

105 Hill Ave.
Fulton County Amateur Radio Club



UPCOMING WRARC EVENTS

05/03 – Louie B. Free Radio Show Interview @ 9am

Listen Live – <https://www.wfmj.com/louiefree>

05/21 – Ham “Cram”

9a – 3p Boardman Library



06/18 – Libraries On The Air (LOTA)

9a – 4p Main Library, Youngstown

06/24-26 – Field Day

Harry Meshel Picnic Area – Lake Milton



ANNUAL ARMED FORCES DAY CROSSBAND TEST (14 MAY 2022)



The Department of Defense will host this year’s Armed Forces Day (AFD) Crossband Test, scheduled for May 14, 2022. This annual event is open to all licensed amateur radio operators and will not impact any public or private communications. For more than 50 years, military and amateur stations have taken part in this event, which is an interoperability exercise between hobbyist and government radio stations.

The AFD Crossband Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service (ARS), as authorized in 47 CFR 97.111. These tests provide opportunities and challenges for radio operators to demonstrate individual technical skills in a tightly controlled exercise scenario that does not impact any public or private communications.

Military stations will transmit on selected military frequencies and will announce the specific ARS frequencies monitored. All times are ZULU (Z), and all frequencies are Upper Side Band (USB) unless otherwise noted. The frequencies used for the test will not impact any public or private communications and will not stray outside the confines of the exercise.

For more information visit [DoD MARS - Armed Forces Day](#)

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

2nd Sunday 2:00pm W8QLY Repeater -146.745 (PL 110.9)

4th Sunday 2:00pm 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



Western Reserve ARC

Is inviting you to become part of the magic of amateur "ham" radio communications!



Ham Radio Technician Class

Class 1: Thursday, May 5th 3p – 7p

Class 2: Thursday, May 12th 3p-7p

Ham "Cram" & Testing: Saturday, May 21st

9a-12p for "Cramming"

Testing @ 12p

Location: Boardman Library

7680 Glenwood Ave., Youngstown, OH 44512

How To Register:

Class 1: <https://libraryvisit.libnet.info/event/6460429>

Class 2: <https://libraryvisit.libnet.info/event/6460470>

Test: <https://libraryvisit.libnet.info/event/6460451>

OR Contact : Chris Monske WF8U

kd8ely@gmail.com // 330.509.1086

OR Boardman Library 330.744.8636

Must Register for **BOTH** classes (two-part class) **AND** Test Day

Annual WRARC Libraries On The Air (LOTA)

Saturday // June 18th

9am–4pm



Bands: All amateur bands except 60, 30, 17, and 12 meters are permitted.

Repeaters are not to be used. Only recognized simplex frequencies may be used. The national calling frequency, 146.52 MHz, may not be used.

Exchange: Your Call Sign, Signal Report, Class (Library/Non Library), U.S. State, Canadian Providence/Territory, or DXCC Country/Entity.

Scoring:

- Phone = 1 QSO Point
- Digital = 2 QSO Points
- CW = 3 QSO Points
- Library Class = 5x Multiplier
- QRP (5 watts or less) = 2x Multiplier

Awards: Awards will be given to all participants.

Encyclopedia = 5,000+ Points

Novel = 2,500–4,999 Points

Short Story = 0–2,499 Points

Logs: Paper logs can be submitted via email or mailed. Electronic logs will be accepted via email in the following formats: excel, word, pdf.

Email: LibrariesOTA@gmail.com

Mail: PO Box 4271, Austintown, OH 44515

To obtain logs or forms, or if you have any questions, please email us at LibrariesOTA@gmail.com



June 24-26

Lake Milfon – Harry Meshel Picnic Area

Join us at the park for a weekend of amateur radio activities!

SCHEDULE OF EVENTS

Friday

9am - Setup Begins

6pm - Fox Hunt

Saturday

10am - License Testing

1pm - Radiogram Workshop

5pm - Member Potluck Dinner

Sunday

12pm - Chinese Auction

Field Day is ham radio's open house. Every June, more than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Field Day has been an annual event since 1933, and remains the most popular event in ham radio.



OPEN TO THE PUBLIC

License Testing

-

On Air Opportunities

-

Contesting

-

Chinese Auction

-

Fox Hunt

-

Radiogram Workshop

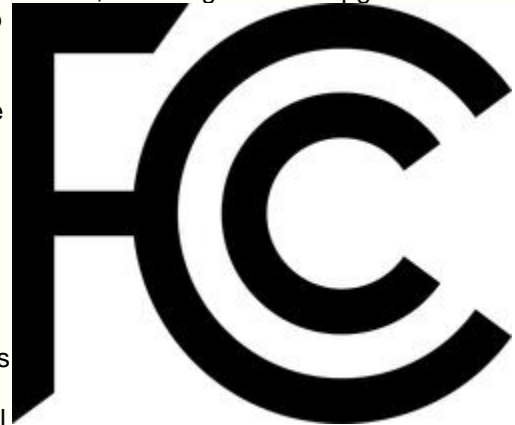


AMATEUR RADIO NEWS FROM AROUND THE WORLD

New FCC Application Fee Will Not Apply to Amateur Radio License Upgrades

The Federal Communications Commission (FCC) staff has clarified in response to an ARRL request that the new \$35 application fee will not apply to most license modifications, including those to upgrade an amateur radio licensee's operator class and changes to club station trustees. The FCC staff explained that the new fees will apply only to applications for a new license, renewal, rule waiver, or a new vanity call sign. As previously announced, the new fees take effect on April 19, 2022.

"We are pleased that the FCC will not charge licensees the FCC application fee for license upgrade applications," said ARRL Volunteer Examiner Coordinator (VEC) Manager Maria Somma, AB1FM. "While applicants for a new license will need to pay the \$35 FCC application fee, there will be no FCC charge for future upgrades and administrative updates, such as a change of mailing or email address. Most current licensees, therefore, will not be charged the new FCC application fee until they renew their license or apply for a new vanity call sign."



ARRL previously [reported](#) that the new \$35 application fee for amateur radio licenses will become effective on April 19, 2022. Further information and instructions about the FCC Application Fee are available from the ARRL VEC at www.arrl.org/fcc-application-fee.

Amateur Radio Helps Rescue Injured California Outdoorsman

A relaxing weekend of camping and fishing did not go as planned last

Friday when a member of a California outdoors club fell and broke his hip.

The Old Goats Mountain Club (OGMC) had worked their way along an old Forest Service Road into a rugged, off grid location in the foothills of the Cascade Mountains. Dave Johnson, KL7DJ, said his friend slipped and fell while trying reel in a catch. The injury was so severe that the man could not be moved safely with a trip that could take at least 2 hours over the rough terrain.

Johnson is the only licensed amateur radio operator in the group and using [the California Amateur Linking Radio Association \(CARLA\)](#) system, he was able to call for emergency help from this vehicle. Greg Stamback, KD6VEN, located in the San Francisco Bay area responded and contacted the Shasta County EMS which dispatched a [REACH 5](#) rescue helicopter from their base in Redding, California.

The entire rescue took about 1 hour and before the helicopter landed a local ambulance company arrived and was able to stabilize the injured camper. After surgery and 3 days in the hospital he is now at home recovering.

Johnson's wife Linda, KL7ISN, helped coordinate getting their friend's vehicle back to Redding. Using pre-planned contact schedules for Friday and Saturday and, after several makeshift auto-patches, the car



REACH 5 helicopter ready to transport with injured outdoorsman on board. [Dave Johnson, KL7DJ, photo]

was driven to a nearby highway where two other club members were able to take the car safely back home.

But the weekend was not over for amateur radio help. While the rest of the group was making their way out of the mountains on Sunday they were flagged down by a stranded motorist. His car's gas tank had been punctured and his cell phone would not work. He was taken to a small community along the way where there was a landline, and he was able to call for help from AAA.

Johnson said the motorist was thankful for the help and another member of the OGMC suggested the motorist might want to consider getting an amateur radio license.

While waiting for a tow truck to arrive, Johnson and a couple of OGMC members talked about amateur radio and how it had helped over the last few days. One member suggested maybe even he should have a transceiver installed in his vehicle. Johnson plans to make sure his friend, and the motorist, get a complete demonstration.

Hawaii ARES Drill Tests All Communications

The Hawaii Amateur Radio Emergency Service® (ARES®) conducted an operational readiness drill on April 16 to evaluate their emergency communications abilities if severe weather were to hit the state and disable regular communications.

The exercise simulated a 4-day period of catastrophic rain and wind covering the Hawaiian Islands, from Kauai to the Big Island, which took out power, internet, and cell phone towers. State, local, and federal agencies participated in the exercise to evaluate ARES members and non-members for radio operations and procedures.

ARRL Director of Emergency Management Josh Johnston, KE5MHV, expressed that it's important for all agencies to work together during emergencies. "It is great to see ARES work this closely with local and state government agencies to overcome obstacles and provide emergency communications for the public," Johnston said. "Hawaii faces challenges that are different than other areas, but the general practice of preparing and exercising is the same anywhere you go."






The Hawaii Office of Homeland Security (OHS) participated in the drill, and OHS Administrator Frank Pace echoed the importance of all agencies working together. "We support the statewide training of amateur radio operators as part of the Incident Command System (ICS) structure, and the deployment of radio stations operated by volunteers, in preparing for disaster situations," he said.

There are 3,800 amateur radio operators in Hawaii, and OHS Statewide Interoperability Coordinator Everett Kaneshige said that coordinating all efforts is critical. "It is exciting to see the incorporation of innovative technology, such as the amateur radio-developed GPS software mapping capabilities," said Kaneshige. "Having multiple outlets for communication during a crisis is critical."

An article about the exercise was published by [KITV 4 Island News](#).

To learn more about amateur radio and ARES in Hawaii, visit www.hamradiohawaii.com or the Ham Radio Hawaii [Facebook group](#).

MAY 2022

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6 WRARC NET 9:00p 145.270	7
8 Mother's Day 	9	10	11	12	13 WRARC NET 9:00pm 145.270	14
15 Board Meeting 2:00p	16	17 General Meeting 7:00p	18	19	20 WRARC NET 9:00pm 145.270	21 Armed Forces Day 
22	23	24	25	26	27 WRARC NET 9:00pm 145.270	28
29	30 Memorial Day 	31				