

September 2022

The

Wave Bender



September 2022

Vol. 13.8



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Ed Newsome KE8NSW

Bill Egan KD8HCQ

GENERAL CLASSES

Sat Sept 17th 10a-2:30p

Sat Sept 24th 10a-2p

Testing @ 2:00p

Boardman Library

Register Online!

Board

Meeting:

Sunday Sept 18th
2:00pm via Zoom

Member's

Meeting:

Tuesday Sept
20th @
Davidsons
Restaurant
Canfield, OH
6pm for Dinner
7pm for Meeting
Public Welcome!

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FROM THE PRESIDENT'S DESK

With the closing of August and entering September it's amazing to me just how quickly this year seems to be flying by. I'm glad to say that even after a slow start the classes and test sessions seem to be catching on and working out. Yesterday, Saturday August 27th was the end of our Technician class, the class had 7 students that attended. 4 of the 7 tested and all 4 passed, 1 even managed to pass their General exam. The other 3 students had decided to take more time to study due to the beginning of the academic school year and come back for the next test session.



Coming up in September we'll be having General license classes, 2 days with the test at the end of the 2nd day. Those will be Saturdays again the 17th 10am - 2pm and 24th 10am - 3pm, at the Boardman library. If you or anyone you know is interested, please check the library website to sign up. More classes and workshops are in the works so make sure to keep checking back for dates, locations, and what kind of classes will be happening.

Today as I write this, I'm sitting in the air-conditioned comfort of my QTH after another successful Panerathon. I would like to extend a huge sincere Thank You to all the volunteers who came to assist us. An individual thank you to Wes W8IZC for the use of his 146.910 repeater to handle the event communications. This year we had invited the students from the class to come out and "shadow" us operators so they could get a feel for what a public service event was about. The timing of the class and this event couldn't have been better, and two students, excuse me, two new hams came. They seemed to really enjoy the day and excited to continue with their amateur radio journey.

As the year continues into the fourth quarter, I'm looking forward to adding in even more events and activities for everyone to enjoy.

73 de WF8U Chris
WRARC President

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.

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

SEPTEMBER CONTESTS

10-12 – September VHF

17-18 – 10 GHz & Up –
Round 2

17-18 – EME – 2.3 GHz & Up



SWAP N SHOP

Diamond SRH77CA 2m/70cm
portable amateur antenna. SMA
male connector. 40cm long. Receive
coverage on 6 other bands. New in
package. Asking \$20.

Ham Pro Technologies 2/70cm High
Gain window mount amateur
antenna. New in package. Asking
\$35.

Contact: Doug Sage KB8TPG
330.717.8036 – kb8tpg@hotmail.com

THE BIG DEBATE ABOUT FT8.....



FT8 is one of many digital modes that utilizes a computer's sound card to bring in audio from your radio to be processed by software to decode the information embedded in the signal. When you want to transmit, the software encodes your message into audio tones that are sent out via your sound card to your radio's audio or Mic input. FT8 is designed to maximize communication even when signals are very weak. This means that even low-powered stations and stations with sub-optimal antennas can make contacts worldwide. Quickly working DXCC or Worked All States with FT8 is easily within reach of almost any station.

So, what is the "big debate"? Most HAMS believe that FT8 is killing Ham Radio. Purists complain that it doesn't require skill. Automated morse code gear didn't ruin ham radio. Some people argue that it is keeping the hobby alive because subpar stations can make contacts, keeping them interested. If your goal is to work a lot of countries, states, islands, or any other entities for awards, then FT8 is great. It favors getting the minimum data through under the worst conditions. If you want to use ham radio to learn about other people and cultures, this doesn't help because you can't say much. It is just a simple exchange of locations and signal reports.

My opinion? I think an operator should do what they enjoy and keeps them involved in the hobby. Any aspect of radio that excites people and offers interest is the exact opposite of killing it. We all have our special interests and reasons why we continue within the hobby. I believe you should do what makes you happy and what you enjoy. Ham radio has been advancing since the beginning of time, and will continue to advance, as it should.

KC3GFU

Amanda Farone

Radio MATARS....a place for YL's

When: Thur, Sept 15th @ 7pm

Where: Eat N Park, Austintown

What: Dinner and a Workshop (How to use a power meter, SWR meter, dummy load, and antenna tuning)

Contact: radiomatars@yahoo.com

UPCOMING HAMFESTS

09/10 – Ashtabula County Hamfest

Pioneer Picnic

1809 Middle Rd.

Pierpont, OH 44082

Amigos Radio Club Ashtabula County
Amateur Radio Club

09/11 – Findlay Hamfest

Hancock County Fairgrounds

1017 East Sandusky Street

Findlay, OH 45839

Findlay Radio Club

09/17 – Mound Amateur Radio Assoc.
Swap Meet

Mound Park

900 Mound Road

Miamisburg, OH 45342

MARA

09/25 – Cleveland Hamfest

Cuyahoga County Fairgrounds

164 Eastland Road

Berea, OH 44017

Hamfest Association of Cleveland



Mike Cibella KC8UNR

Amanda Farone KC3GFU

Rob Dunham KE8OKO

To: Northeast Ohio Amateur Radio Clubs (and far western PA)

This is an invitation for your Amateur Radio club to join the Cuyahoga Falls ARC in our annual CFARC To The Field event. A few years ago, we developed a local activity similar to POTA (Parks On The Air) and the Ohio State Parks On The Air (OSPOSTA) activity. Our local activity is called [Summit County Metro Parks On The Air](#) and unlike POTA and OSPOTA is mainly a VHF/UHF activity as opposed to HF. The award runs year-round, but last year we decided to have a club activity night in the parks called CFARC To The Field in place of one of our regular meetings.

Here is a list of frequencies/modes used:

10 M		6 M		2 M		0.75 M
FM	SSB	FM	SSB	FM		FM
29.600	28.320 to 28.340	52.525	50.125 to 50.135	146.460	146.535	446.0000
29.620		52.540		146.475	146.550	446.0125
29.640		52.550		146.490	146.565	446.0250
29.660		52.570		146.505	146.580	446.0375
29.680		52.590		146.520	146.595	446.0500

This year we would like to invite other local clubs to take part in the activity. If you would please pass this information on to your club members, we would greatly appreciate it.

There are a few ways your members can get involved:

1. Many of your members are close enough to Summit County Parks that they could make contact with park activators from their home stations. So no travel or planning would be necessary (beyond putting the date on their calendar).
2. Individual members are welcome to travel to Summit County to activate a park entity.
3. Your club could plan to activate a park or parks as a group.

This is designed as a friendly competition and scores will be reported in our newsletter. There are no prizes for the highest scorers, but a \$50 DX Engineering gift certificate will be given via a random drawing of all entrants that submit a log with at least five contacts.

The date and time for this year's CTTF are 4:30-7:30 PM (2030-2330 UTC), Wednesday, September 14. Here is the full information on the CTTF:

- Announcement Article & Rules- tiny.cc/cttf-announce
- Slideshow Presentation- tiny.cc/cttf
- [Map: All Metro Park Locations](#)

We will be doing a live presentation at the Cuyahoga Falls ARC meeting Aug 10, 2022, at 7:30 PM, which will be available via [Zoom](#).

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Panerathon 2022



Thank you to all the operators who volunteered for the 2022 Panerathon! You are appreciated!
Special thanks to Wes WB1ZC for the use of his repeater as well as Roy KDB1JF and Russ NR3W
for coordinating.

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

Fifteenth Annual Ohio State Parks On The Air – Amateur Radio Contest

Posted on January 4, 2019 by John Myers

Make sure to mark your calendar for the 2022 Ohio State Parks On The Air (OSPOTA) contest – September 10, 2022. The contest is always held on the first Saturday following the Labor Day holiday. Each year this event has grown and we anticipate another year of growth with even more participating Amateur Radio Operators.

Let me remind you that the OSPOTA contest was conceived with three main goals in mind:

- To promote public awareness of amateur radio and Ohio's beautiful state parks system;
- To contribute to the recognition that Ohio has a very diverse and wonderful ecology;
- To promote camaraderie within the ranks of Ohio's Amateur Radio Operators

Your participation has allowed these goals to be achieved. We agree it is a lot of fun to get out in a natural setting with your radio and see how well you can do at working operators in the beautiful Ohio State Parks.

This will be the 15th annual OSPOTA – Make plans now to be active in OSPOTA 2022.

Don't forget – we have an OSPOTA E-mail Group located at: <https://groups.io/g/OSPOTA>

The [OSPOTA IO Group page](#) is used for messaging and sharing of information about OSPOTA for all the fans and participants in the OSPOTA contest. The [E-mail Group](#) is where the action is.

Since we do allow spotting to encourage more contacts during OSPOTA, Facebook is being used before and during the contest for instant updates and to share stories and photos.

As the contest draws near, we'll be posting on the OSPOTA E-mail Group page the anticipated 'who's going to be at what Ohio State Park' or 'Planned Park' list as we have in past years. Send your planned park activation information to PlannedParks@ospota.org. Please, include the call sign that will be used and the Ohio State Park you plan to be at. If your plans change, just let us know and we'll update the list. Remember, more than one person or group can be at an Ohio State Park – there are no reserved State Parks.

Notes: Some Ohio State Parks are being managed by local park systems, but they are still listed and considered to be Ohio State Parks according to ODNR (Quail Hollow & Tinkers Creek).

So – pick a park and make your plans now for OSPOTA 2022 !!!!! Take care & 73 from the entire OSPOTA contest Committee, KB8UUZ, WG8X, W8PT, W8KNO, KB8UHN

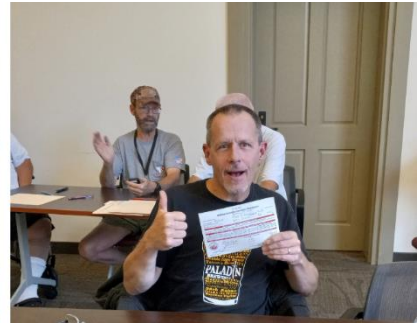
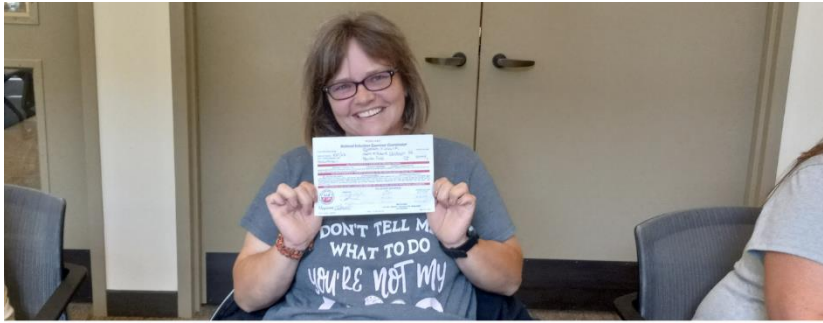
Tom, KB8UUZ OSPOTA Chairman OSPOTA



Questions? Email: INFO@ospota.org
When the OSPOTA contest is over, send Logs and
Summary Sheets to: Logs@ospota.org

CONGRATULATIONS TO OUR TECH CLASS & NEW HAMS!

Elizabeth, Jeffrey, Darla, & Darryl (not pictured)



AMATEUR RADIO NEWS FROM AROUND THE WORLD

Hams Radio Operators Support American Red Cross in Kentucky Flood Response

As the flood waters began to recede following devastating rainfall in Kentucky that began on July 26, the American Red Cross reported that over 400 of their disaster workers were on the ground, as well as dozens more in other locations. They provided shelter, meals, and other forms of support. Red Cross teams also worked alongside their state and municipal partners among others, including Kentucky Amateur Radio Emergency Service® ([ARES®](#)) volunteers.

[ARRL](#) Director of Emergency Management Josh Johnston, KE5MHV, was in touch with American Red Cross personnel in the affected area. He said ham radio volunteers were supporting Red Cross damage assessment teams with radio communications. "The rural and mountainous terrain of the affected area adds to the already difficult situation," said Johnston.

Much of the local response effort is being coordinated by Steve Morgan, W4NHO, of Owensboro, Kentucky. The response of radio amateurs throughout the region is under and in cooperation with an existing Memorandum of Understanding (MOU) with the Kentucky Chapter of the American Red Cross.

ARES® groups from Ohio and Virginia have also been in touch with hams in the affected areas and have been on standby, ready to respond if needed.

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The Hancock Auxcomm Team in Chester, West Virginia, is again hosting the annual [Teapot Day Special Event Station](#) using the call signs W1T, K2T, W3T, W4T, W5T, W6T, W7T, W8T, W9T, W0T, and WV8HAT. The event is currently in operation through August 14, and it celebrates the world's largest teapot. Before finding its home in Chester, which was once known as the pottery capital of the world, the giant teapot started out as a root beer stand, and then became a clubhouse for a miniature golf course in Latrobe, Pennsylvania. It was moved to Chester in 1938 and served as a roadside attraction for a local pottery company. The Teapot Day Special Event Station has been held for 6 years. Operators will be eligible for a certificate by contacting one or all stations. The event also includes endorsements for the bonus stations and a clean sweep. More information is available at the Hancock Auxcomm Team [website](#). Use the ARRL [Special Event Stations](#) listing to find other on-air events.

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International Space Station Upgrades Amateur Radio Operations

ARISS, Amateur Radio on the International Space Station, announced that simultaneous operations of the ARISS voice repeater and digital APRS (Automatic Packet Reporting System) communications on the Space Station are now a reality.

Current ARISS operations include voice repeater transmissions with the JVC Kenwood TM-D710GA in the Columbus module and APRS operation from an identical radio in the Zvezda module. Packet operations are on 145.825 MHz.

The Columbus module radio uses the call sign NA1SS and the new radio in Zvezda uses RS0ISS. Aside from the call signs, the radios are identical, and packet operations are the same as before. You can use RS0ISS, ARISS, or APRSAT as the packet path. Both radios are expected to be running full time, except during educational contacts, extra vehicular activities (EVAs), and docking maneuvers. Final checkouts and equipment activation occurred on August 11.



ARISS International Chair Frank Bauer, KA3HDO, said, "Simultaneous operation of APRS and the voice repeater on ISS is transformative for ARISS. It represents a key element of our ARISS 2.0 initiative, providing interactive capabilities 24/7 that inspire, engage, and educate youth and lifelong learners -- especially lifelong learning in ham radio operations. Our heartfelt thanks to Sergey Samburov, RV3DR, for making this crucial ARISS 2.0 initiative become a reality."

Rosalie White, K1STO, one of two US delegates to ARISS, said the ham radio community will be very happy with the new radio operations from the ISS. "Hams really love doing ARISS packet, cross-band repeater, and Slow-Scan Television (SSTV) operations. Besides the thousands who download ARISS SSTV images downlinked from the ISS, we discovered that in a year's time, hams did 80,000 ARISS packet messages," she said. "We are not sure how many have been enjoying the ARISS cross band repeater, but we know it is a lot. This simultaneous operation capability is going to make many hams happy -- and we know that keeping hams on the air is good for ARRL and good for amateur radio," White added.

Operational status and expected downtimes of the ISS radios can be found at www.ariss.org/current-status-of-iss-stations.

ARISS is a cooperative venture of international amateur radio societies and space agencies that support the ISS. In the US, sponsors are the Radio Amateur Satellite Corporation (AMSAT), [ARRL](http://www.arrl.org) The National Association for Amateur Radio®, and NASA's Space Communications and Navigation (SCaN) program. The primary goal of ARISS is to promote exploration of science, technology, engineering, arts, and mathematics topics. ARISS does this by organizing scheduled contacts via amateur radio between crew members aboard the ISS and students. Before and during these radio contacts, students, educators, parents, and communities take part in hands-on learning activities tied to space, space technologies, and amateur radio. For more information, see www.ariss.org and www.arrl.org/amateur-radio-on-the-international-space-station.



Masonic Lodges on the Air Event to Take Place on September 24

Masonic Lodges on the Air (MLotA), an amateur radio special event, will be on the air Saturday, September 24, 2022, from locations across the county. The event is open to all amateur radio operators, and the idea for the event grew out of the realization that many Freemasons also have a love for amateur radio.

The Fulton County Amateur Radio Club (FCARC) and the Fulton Lodge #248 in Ohio first hosted the event in 2021. Because of its success, the event has now been scheduled for the next 3 years.

The event will be operating K8BXQ from 10:00 AM - 6:00 PM ET, using SSB only on 80, 40, 20, 15, and 10 meters. Please honor all band plans. All contacts must be in the phone portion of the bands. Stations may be contacted once on each band.

Full contest rules and information can be found at cgmorelight.com/rules.

Bob Holstrom, KD2BKD, said that masons in New York and New Jersey will be setting up stations at the historic museum grounds of The DeWint House, George Washington's Headquarters in Tappan, New York. The property is owned and operated by the Grand Lodge of Free and Accepted Masons of the State of New York. The special event call sign for that location will be W2QX, operating from 9:00 AM - 7:00 PM ET.



"Everyone is welcome to visit the historic DeWint house," said Holstrom. "The home has been restored and admission is free."

More information about Masonic Lodges on the Air can be found at their website, cgmorelight.com.

Visit the ARRL Special Event Stations database to find other on the air events and commemorations at www.arrl.org/special-event-stations.

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National POW/MIA Recognition Day 2022 will be observed on September 16, and special event station K4MIA will be operating from a restored Bell UH-1H Iroquois helicopter from September 10

- 18. The aircraft was the first generation of utility helicopters used in Vietnam and earned the nickname "Huey." In addition to K4MIA, there will be five other stations in operation on September 16: K4MIA/2, K4MIA/4, K4MIA/5, K4MIA/7, and K4MIA/8. The stations will operate on SSB, CW, FT8, and satellite. K4MIA will be on the air throughout the month using slow-scan television (SSTV) and EME. QSL cards will be available via a self-addressed stamped envelope sent to K4MIA

Michael N. Bald, 6758 Hall Blvd., Loxahatchee, Florida 33470. National POW/MIA Recognition Day is observed every year on the third Friday in September. This day honors those who were prisoners of war and those who are still missing in action from all wars and conflicts, but it is most associated with those who were POWs during the Vietnam War. Visit the K4MIA listing on QRZ for further details, and the ARRL Special Event Stations database to find other on the air events and commemorations at www.arrl.org/special-event-stations.






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JOTA-JOTI 2022 (Jamboree-on-the-Air-Jamboree-on-the-Internet), the world's largest amateur radio Scout event, is set for October 14 - 16, 2022. The event connects millions of young people around the world for a full weekend of amateur radio and online activities that promote friendship and global citizenship. Using both the airwaves and the Internet, JOTA-JOTI enables young people and volunteers to participate in fun and engaging group activities focused on developing 21st century skills through Scouting. JOTA is one of World Scouting's longest-running global events, dating back to 1958. JOTA-JOTI aims to support young people of all ages to learn about communications technology, the values of global citizenship, and their role in creating a better world. To register and learn more about JOTA-JOTI, visit their website at www.jotajoti.info.

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September 2022

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