



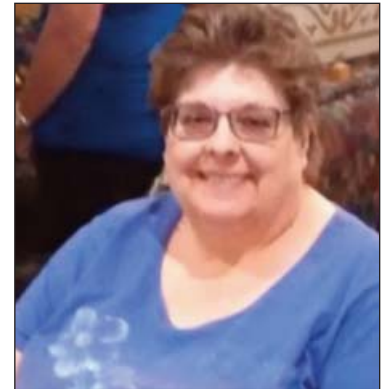
The
Wave Bender
June 2019
AWARD WINNING NEWSLETTER



FROM OUR VP

Opening greetings to each of you, I hope all of you moms had a nice Mothers Day. Happy Fathers Day to all you dads this month.

We'll start with some items of news. First, we as a board have decided to discontinue the twice yearly road clean ups as it is getting so difficult to do as we all get older. We are now 8 to 9 years older than when we first began to do them. Also, we usually get too few to turn out to lighten the load for all. Many thanks to those who have participated over the years. Secondly, at this point in time it looks as though we will not be providing radio communication for the Panerathon this year. Should that change before August, we will let you know. Before proceeding any further, I will apologize now for any typos as my vision is still very blurry after surgery. That includes both the screen and the keyboard as I type. We are getting better gradually though.



At the end of this month, on the weekend of June 22-23, it will be the yearly ARRL Field Day event. Steve, KC8SOY, will have all of the details on this to pass along to you. There will be a different format this year. Please come out to help operate on the HF bands. Maybe we can boost our club's numbers on the contesting this year. You can always help spell off someone else on their equipment if you don't have HF equipment of your own to bring out. Remember, for most of the bands worked, you need a general class license to operate on them. However, there are portions of 6 and 10 meters that have technician class privileges, so you can still participate in the day on a Tech license. If there is anyone who feels ready to test to upgrade their license, please get in touch with Bob Mitzel N8RCM at 575-910-1456 or at n8rcm@warc.net to see about any testing opportunities that may be at Field Day.

These items aside, we have come to a very tough and divisive time for WRARC. It will take a lot of work and repair, but WRARC can survive this. There are many different viewpoints on how to proceed forward from this time. We may have some big and very possibly controversial things to discuss and vote on as a group in the near future. Remember that what should drive all of our individual and group decisions needs to rest solely on what is best for the good of WRARC. This is not to be about or to heighten any discord among ourselves. It is all about what is the best course of action for the future of WRARC to follow. Keep in mind that all members have valid opinions and points of view. We need to respectfully listen to each other then decide what is best for WRARC. We have many good people among us who have lots of expertise to help us solve any tactical problems and help all of us (even those of us who are less savvy) move into club activities with workable means of going things.

In light of this, there are proper channels to follow to bring our concerns and ideas forward. We are a board governed organization and the proper way to air our concerns or share an idea is to notify a board member at least 24 hours in advance of a board meeting night that you would like an opportunity to present something then come to the meeting. You will be put in the agenda and given time to speak. The monthly board meetings are held on the second Tues. of each month at Eat 'n Park Austintown. Dinner is at 6:00 P.M. and meeting at 7:00 P.M. Another tool we have is the QST e-mail system for club wide communication. That said, its use is meant primarily for disseminating information that needs to come out on short notice, such as

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2019 Officers:

President: Open
VP: Maureen Stein, KD8NXS kd8nxs@wrarc.net
Secretary: Stan Adamski, KB3WPD kb3wpd@wrarc
Treasurer: Rose Marko, KD8TII kd8tii@wrarc.net
Past President: Bob Mitzel, N8RCM n8rcm@wrarc.net
Trustees:
 Darrin Cannon, N8DMC n8dmc@wrarc.net
 Roy Haren, KD8IJF kd8ijf@wrarc.net
 Steve Fabry, KC8SOY kc8soy@wrarc.net

Appointed Positions:

Social: Maureen Stein, KD8NXS kd8nxs@wrarc.net
 Publicity: Joe Wojtowicz, W0JO w0jo@wrarc.net
 Nets: Steve Fabry, KC8SOY kc8soy@wrarc.net
 Classes/Testing: Chris Monske WF8U kd8ely@gmail.com
 Newsletter/Web: Jane Avnet K8JAA k8jaa@wrarc.net
 Historian: Rose Marko, KD8TII kd8tii@wrarc.net
 Badges: Darrin Cannon, N8DMC n8dmc@wrarc.net

Officer's Meeting:

June, 12 2019, 7:00 P.M. At Eat 'n Park,
 Austintown, Eat 'n Park,
 5451 Mahoning Ave
 All members welcome

Members Meeting:

June 19, Davidson's
 3636 Canfield Rd., Cornersburgh

Speaker: None



OTHER IMPORTANT WEB SITES

THE ARRL EXAM SEARCH PAGE
 <[HTTP://WWW.ARRL.ORG/FIND-AN-AMATEUR-RADIO-LICENSE-EXAM-SESSION](http://www.arrl.org/find-an-amateur-radio-license-exam-session)>

OHIO SINGLE SIDEBAND NET
 <[HTTP://WWW.OSSBN.ORG/INDEX.HTML](http://www.ossbn.org/index.html)>

ANTENNA HEIGHT ABOVE AVERAGE TERRAIN (HAAT) CALCULATOR
[HTTPS://WWW.FCC.GOV/MEDIA/RADIO/HAAT-CALCULATOR](https://www.fcc.gov/media/radio/haat-calculator)

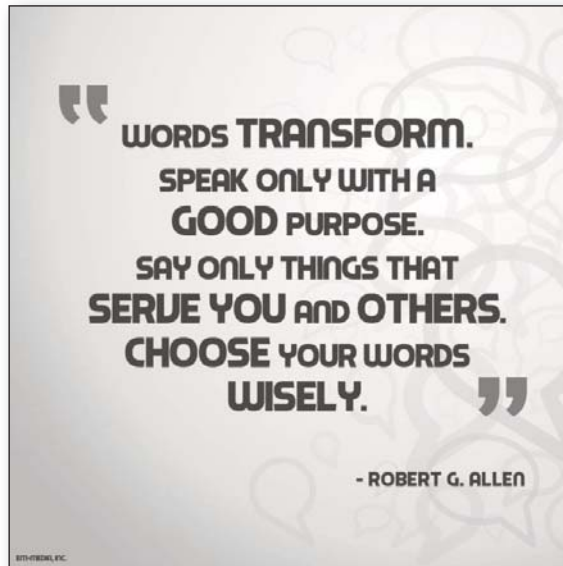


<http://www.wrarc.net/>

VP - CONTINUED FROM PAGE 1

changes in dates or times for club activities or reminders that important things are coming up and things like that. It should never be used as a platform for airing members' dissatisfactions with each other or WRARC in general. There should never, ever be rants of any kind or things said that are critical of any other club member, nor any that involve any other club member in any way other than to let people know who to contact for certain WRARC activities. This system is not in place for airing anything that may or may not have been said to or by anyone. Any of these types of concerns are better handled by the board in the course of scheduled board meetings. As a group, we are better than that. And certainly better than he said/she said types of things being put out for the entire group and beyond to see. Please take these things to heart. Differences, even big ones can be worked out.

73 Maureen, KD8NXS
WRARC/VP



A NOTE FROM DARRIN

I'm not giving up on WRARC. I will continue to strive to obtain more Hams to join WRARC, and participate in our upcoming events. At this time, I personally am trying to work on regaining the Friday night nets, as well as our club functions that utilize the local repeater. I need your help in that though. It may have come across as the repeater being shut down for WRARC users. That is not true. To clarify, it has basically been "suspended" (my terminology) for the clubs use for Friday night nets and club functions. Dave, KC8WY, has NEVER shut off the repeater, and yours truly still uses it daily to and from work and while out and about. So please feel free to use the repeater and talk to each other whenever you have a moment. Please see my last newsletter article on how you can do so.



As for the dues increase, during a special board meeting, the board voted to revisit this at a later date, as we need to do it legally. Whenever you want to change something in writing within the Bylaw, you have to follow certain procedures. I'm sure this was communicated in person during the May 21st regular WRARC meeting.

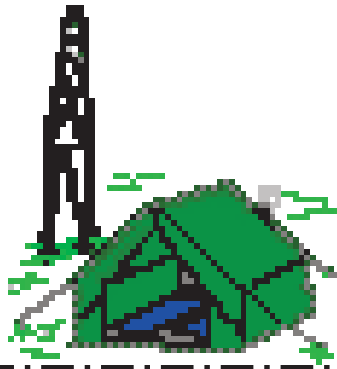
73 Darrin Cannon, N8DMC
(330)720-4454
mail to:Darrincan@gmail.com
WRARC/Trustee

WHAT'S COMING UP?

- June 11 Board Meeting - Austintown Eat 'n Park
Members welcome
Ham Community Breakfast - Austintown Eat 'n Park
- June 18 Members meeting 7:00 P.M.
- June 22-23 2019 ARRL Field Day
- June 25 Ham Community Breakfast - Austintown Eat 'n Park
- July 09 Board Meeting - Austintown Eat 'n Park
Members welcome
Ham Community Breakfast - Austintown Eat 'n Park
- July 16 Members meeting 7:00 P.M.
- July 23 Ham Community Breakfast - Austintown Eat 'n Park
- Aug. 26 2019 Panerathon - Please Volunteer
- Oct. 13 2019 Youngstown Peace Race - Please Volunteer
- Oct. 27 2019 Youngstown Marathon - Please Volunteer



USE YOUR LICENSE TO SERVE THE COMMUNITY - VOLUNTEER



CONTACT WRARC ELMERS WITH YOUR QUESTIONS - QUESTIONS@WRARC.NET



Beatty, Dave KC8WY
 Fabry, Steve KC8SOY
 Haren, Roy KD8IJF
 Williams, Russ NR8W
 Wojtowicz, Joe W0JO

anything
 Yaesu FT8900, FT8800, Mobile
 ???
 Electrician, tele-data, Amateur Extra
 ICOM radios, D-Star

kc8wy@zoominternet.net
 kc8soy@yahoo.com
 harens@juno.com
 rwiliams@neo.rr.com
 w0jo@arrl.net

He who is afraid of asking, is afraid of learning

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Articles from members for the Wave Bender are encouraged. They must be received by the editor by the 20th each month. Please send your articles to: k8jaa@arrl.net, and put WRARC on the subject line of your email. You may also send your articles to the editor: Jane Avnet, 1440 Skyhawk Pl., Wright City, MO 63390

Mahoning County ARES® Nets

1st Monday 8.40 PM ET W8QLY Repeater - 146.745 (PL 110.9)

&

3rd Monday 8.40 PM ET 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 - 7:00 PM

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 held every Tuesday at 8:00PM.
held on 3585 kHz USB.**

Please note all digital communications are Upper Side Band.

<http://www.http://ohden.org/> for net details. Net Manager Gary NJ8BB



Semi-Monthly

Ham Community

Breakfast

Second and Fourth

Tuesdays

9:00 A.M.

Eat 'n Park Restaurant

in Austintown

Join Us!

Thanks & 73 to all of our members (and others) look forward (hopefully) to getting this newsletter every month, so keep sending those articles, jokes, and suggestions! sending those articles, jokes, and suggestions!

Thanks goes out to this month's contributors; KD8TII, N8SY, W5YI, the ARRL, FaceBook, and the World-Wide Web.

TREASURER'S MESSAGE

June is finally here and hopefully the warm weather will arrive. Our thoughts for June should be going towards Field Day which will be held on Saturday and Sunday, June 22 & 23. The information for Field Day will be coming from Steve Fabry, KC8SOY, the person in charge. Field Day is a day to put your radio to good use. It is a day to come out and have fun communicating with other hams across the country and across the world. You do not have to volunteer for anything, just come out and have fun.

The Friday night nets are still down, but we hope in the future it will come back.

The Youngstown Marathon will not take place this month. It has been rescheduled for Sunday, October 27, 2019. The Peace Race is also scheduled for Sunday, October 13, 2019, two weeks before the Youngstown Marathon.

I have volunteered to speak at one of the general meetings as to when and how I became a ham radio operator. I am not afraid to get up in front of a room of other ham operators and tell my story. So, whenever I am asked to speak, I hope there will be a crowd of members attending.

I hope everyone has a safe summer and I hope to see many of you at Field Day.



73 Rose, KD8TII
WRARC/ Treasurer

COULD THIS BE YOU?

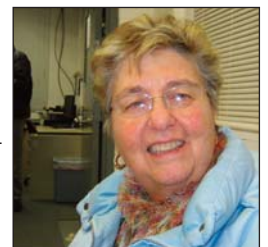


Could this be YOU? This is the Wave Bender YOUR Newsletter. We have plenty of room for YOUR article(s)! If something is of interest to you, odds are that we all will enjoy your thoughts and activities! Have a favorite radio? Have some reminiscing to do? Maybe you have a question for one of our Elmers. OR, a Tip or Trick you learned that would help one of YOUR WRARC friends. You are warmly invited to contribute! Don't worry about writing or formality - we can help you with that. Your article could go in this spot next month!!

I'm always asking for input by members. The following questions may give you something to think about.

- What was your first station?
- How old were you when you got interested?
- How did ham radio shape your life? and/or
- Who was your First Elmer?

-Ye Ed



ECHO LINK USAGE

Kevin Stein EchoLink Usage Article

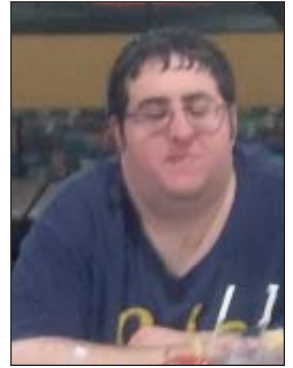
Hello to all members of Western Reserve Amateur Radio Club. This is Kevin KD8NXR. I wanted to write this article to show what I have been doing with the hobby of Amateur Radio lately. I have been using the EchoLink app on my smart phone to make more HF contacts across the world.

The recent HF contacts that I have made using EchoLink are the following: Christchurch Wanganui, and Auckland, New Zealand; Las Vegas, Nevada, United States; Manchester, and Suffolk, United Kingdom; Philadelphia, Pennsylvania, United States; Canberra, Australia; and lastly New Hampshire, United States. All of these contacts did appreciate me talking to them. I asked the New Zealand and Australia contacts several questions which include what the countries of New Zealand, and Australia are like?, What they love about them?; What they do for jobs?; and even what they like most about Amateur Radio. Interestingly I found out from the contacts that in New Zealand and Australia you can only get one Amateur Radio License there are no classes like we have just one overall license that is it. Also another interesting thing is that the Christchurch contact wanted to know more about Youngstown as she heard about it so I told her about the hobby, how it is done here, and the area in general.

The England contacts also wanted to know more about how Amateur Radio is done here, what WRARC does and so forth. That was great that they were interested in our club. I am not giving the contacts call signs simply to protect their identities. However if you look at the EchoLink app, you can find them on there. EchoLink is a great tool to have for Amateur Radio as it has allowed me to do more with Amateur Radio. It has helped me get over mike fright better so I do recommend using it to practice HF contacts more and better your skills in the hobby. It is easy to set up you just have to follow the guidelines on the EchoLink website to set it up and also download the app on your smart phone if you have one. I plan on making more contacts in places like Ireland, France, Japan, Germany, Canada, and maybe Iceland if I can in the future. I would like to use more HF equipment other than EchoLink as it would be good to do that. Overall I really have enjoyed using EchoLink to make more contacts on HF.

If you have any concerns or questions about using EchoLink I would recommend that you email me at kcstein@zoominternet.net or contact Ray LaSure K8NVY at 330-270-9273 (home phone) or 330-881-9468 or his email address: AMRadioguy@yahoo.com. Anyway, I hope everything goes well for WRARC in the future and that more club members do consider using EchoLink as a convenient tool for the hobby. So I wish 73 and great success to all members of WRARC as they practice Amateur Radio more and more in the future.

73 Kevin Stein, KD8NXR



Welcome to Ohio.
Winter is at 6:00 A.M.
Spring starts at 10:00 A.M.
Summer is at 2:00 P.M. and fall is around 4:30ish.
Dress accordingly.

ARE YOU READY?

Are You Ready to Provide Emergency Communications in a Disaster? Amateur Radio operator who wants to serve in time of disaster, you have several challenges to overcome, but there are many resources available to you to help you overcome the challenges. The challenges include gaining and maintaining:

- operating techniques that are effective, efficient, courteous, and compliant with the federal regulations that govern Amateur Radio,
- proficiency in composing and routing both formal and tactical message traffic, and
- proficiency in using your radio equipment under field conditions.

Some radio operators are under the impression that the federal regulations that govern Amateur Radio are suspended during emergencies or disasters. You may hear them say something like "In an emergency, anything goes." This is not true. In emergency and disaster situations, certain provisions of the regulations go into effect, and certain prohibitions are suspended, but the remaining provisions remain fully in effect.

We Amateur Radio operators should, in fact, expect and prepare to govern ourselves with the utmost discipline, compliance, and courtesy during emergencies and disasters in order to achieve our mission of serving the public at those times.

For most Amateur Radio operators, conveniently-located actual disasters utilizing Amateur Radio's services are rare, so skills must be gained and maintained in other ways. Activities that will help you meet these challenges include:

- Learn from operators who have experience and good operating practices.
- Join a local Amateur Radio club and attend its meetings.
- Join the American Radio Relay League (ARRL)
- Participate in your area's Amateur Radio disaster-preparedness nets. These nets, managed by local clubs, are often held weekly on weekday evenings. Most Amateur Radio operators participate from their homes.
- Register in the Amateur Radio Emergency Service® (ARES®)
- Register in your community's Auxiliary Communications Service (ACS) or Radio Amateur Civil Emergency Service (RACES) program, if any.
- Read the monthly ARES E-Letter. It is available on the ARRL Web site, and ARRL members can have it sent to them by email.
- Study the operator's manual for your transceiver, and practice changing your transceiver's settings
- Learn how Amateur Radio operators handle both formal and tactical message traffic, and practice sending and receiving messages.
- Participate on an Amateur Radio team in support of a local event such as a walkathon, run, hike, or bike ride. Working at these public service events is fun and a valuable service to the public, and the skills used are very similar to those used in emergency communications. You can often learn of a need for Amateur Radio operators at such events on the Web sites of local Amateur Radio clubs.
- Participate in the annual ARRL Field Day in late June with your club or on your own.
- Participate in the ARRL Simulated Radio group Emergency Test (SET) annually in the fall with your local Amateur Radio Group.
- Look for opportunities to gain related skills and certifications. • Encourage and train less-experienced Amateur Radio licensees in emergency communications skills.

Additional information is available at the Federal Emergency Management Agency (FEMA) website www.fema.gov or at <http://jrabold.net/ks6m/emcomm/index.html>

Get on the Air

A FEW THOUGHTS FROM THE HAM-MER



Hi Jane and Everyone Else:

Well I have been a Ham for just over a year now so although I am still the New Guy in the Club I am sure we will get a Newer Member this summer. With this bound to happen I would like to say . . . Here are a few thoughts from, The Ham-mer . . . formerly known as The New Guy.

Like I said, I have had my License now for just over a year, and I thought I would let you know what has been going around in my head. Like, I thought I only had to worry if I needed more sun screen during solar flares, now it's what frequencies work best too . . . or . . . What do they mean that General license book is only good till the end of this year. Also, Who is this Jane that is always saying, "write some thing" . . . And of course . . . What Was I Thinking, another Hobby???

When I passed my test a year ago, I could see there was a lot I did not know. Now that I have been pushing buttons and turning knobs for a year with my license I think I can honestly say . . . a year ago I thought I still had a lot to learn, well now I am learning that the more I know the more I don't know . . . But don't tell the Feds - According to my test score I know what I'm doing.

One thing I can't get out of my head is, "I'm a HAM ." Seems like there should be more to it. You know, up 'till now it has always been Ham Sandwich, Ham and Eggs, Ham and Potatoes, Ham Steak, Scalloped Potatoes and Ham. Ham just sounds so lonely. Now when we say Ham Fest, yea that means some thing, Ham Radio, Ham Operators, Ham Frequencies. I was going to have a hat made and the best I could think of putting on it was Ham Operator. Then I find out it has too many letters for one line and two lines cost an extra \$7 bucks. So I kept thinking . . . Ham Man - NO, Jan thought the Ham-ster sounded cute, (right) . . . Ham-mer! Hmm . . . Yes that is how The Ham-mer came to me and saved me 7 bucks.

One Year, and Jan has been very good about me having another Hobby. Her only complaint is "why," every time I win one of those drawings at the meetings do I take the Micro Fiber Towels? Well, of course, it's those damn bright colors in the bag that draws me in. President Brian's fault! If anyOne sees me going for the towels ever again - stop me.

My plans for year two???? So many things. (1) That Hat, gotta get my name on it. (2) Pass the General test while that expensive ARRL book is still good. Maybe as a General I will know how my voice gets down that little antenna and why I am not supposed to touch the end of it when talking. (3) Find out if I wrote enough of these as the new guy for Jane and if she will accept submissions from . . . The Ham-mer. (4) And of course, the main thing I need to do, use those bright little Micro Fiber Towels I've been winning.

73 Dave, KE8JTS . . . The "Ham-mer"AKA "The New Guy"

" Licensed Amateur Radio operators in the U.S. stand at 755,000, or about 2/10 of 1% of the current American population of 328 million. Yet Amateur Radio operators have access to the second largest range of total spectrum after the government. To retain access to these frequencies, we need continually to educate the media and the general public as to the numerous contributions we make in public service, in creating and refining new technologies, in demonstrating leadership in wireless communications as well as enjoying a wholesome hobby."

HAMS HELPING HAMS

Hi Everyone,
 Hope that everyone enjoyed the warm weather we had on May 19th weekend, tonight it is to be 37 degrees.

Ray K8NVY had a problem with his dual band radio this past week. He checked out his antenna connection and found that it was wet. He also found out that water was coming out of his coax.

This past weekend Roy, KD8JMO, and myself, KC8SOY, went to Ray's house and took His Tram Base Antenna down to inspect it to find out why there is water in his coax. At the very base of the antenna Ray found a very small crack in the fiberglass. We think it was damaged from the high winds. We taped the spot and put new coax to the antenna. Ray is back up and running on two meters.



This Is what Ham Radio is all about Hams helping other Hams in need, and a disabled veteran of our country.

73 KC8SOY, Steve Fabry

 YOUTUBE MEMORIAL DAY TORNADO DAYTON, OHIO -- HARA ARENA DAMAGE IN TROTWOOD

This is uncut, unedited drone footage from the early day time hours after an EF-3 tornado went through Dayton, Ohio and its surrounding communities. It was very windy while filming and there was little cell service, so I apologize for the less than smooth moves on this video. This video shows the damage in Trotwood, Ohio of a popular local event venue, Hara Arena.

<https://www.youtube.com/watch?v=1ZQqCH97J4k>

- Are you a Ham?
- You're a Ham if you sit around trying to figure out how to work DX on your cordless phone.
 - You're a Ham if you check a potential new car for rig and antenna mounting possibilities even before you take it for a test drive.
 - You're a Ham if, whenever you visit ANYONE'S house, you look at the height and spacing of trees for dipole stringing potential.
 - You're a Ham if, when someone asks you to spell your last name, you do it with phonetics. (Sierra Charlie Hotel Echo India November Bravo....)
 - You're a Ham if, when you are watching a movie that shows someone operating a radio, you will loudly and indignantly proclaim the inaccuracies in the portrayal.
- Now that you've read it. Are you a Ham?

ARES MEMBER COMPLETES ENTIRE CATALOG

Ohio ARES Member Completes Entire Catalog of FEMA Independent Study Courses

Ohio ARES member Ronald J. Hollas, K8RJH, Bedford, OH, recently completed all of the available FEMA numbered online Independent Study courses and has submitted his certificates to the Ohio Section database, according to ARES Training Database Manager James E. Yoder, W8ERW. Hollas has on file a total of 249 certificates of completion including all of the 244 numbered courses. "He is the only one of our members to do so although several have well over 100 completed now," said Yoder. "I suspect that Ron is perhaps the only ARES member to do so, nationally."



"In all, I have recorded 8,226 training documents for 1,028 active Ohio Section ARES members," Yoder said. "809 members have completed NIMS training and 155 have progressed to Level 3 on the ARES training curriculum." He added, "Those numbers continue to grow as our Ohio Section radio amateurs support the ARES mission and submit training documents weekly."

There are approximately 1700 Ohio Section ARES members. The 1,028 mentioned by Yoder are those who have submitted training documents to date. ARES Connect participation is also growing. "We are working hard to get everyone on board." -- James E. Yoder, W8ERW, Assistant Section Emergency Coordinator, ARRL Ohio Section; ARES Training Database Manager; AEC Sandusky and Seneca County ARES



SPACE WEATHER NEWS FOR MAY 22, 2019

<http://spaceweather.com>
<https://www.spaceweatheralerts.com>

POLAR MESOSPHERIC SUMMER ECHOES: Around the Arctic Circle, VHF radio signals are starting to echo from Earth's upper atmosphere--a phenomenon called "Polar Mesospheric Summer Echoes." This is a sign that ice is crystallizing around specks of meteor debris, forming the first noctilucent clouds of summer. Soon, their electric-blue tendrils may be visible to the naked eye in the night skies of northern countries.



Nancy Brett, KD8QNY
Al Avnet, AB8AA
Brian Lewis, AB8BL



Amateur Radio Operator "Amateur means we're simply professional volunteers" ARRL reflector

HAMS HELP TRACE "MYSTERY" SIGNAL

Hams Help Trace "Mystery" Signal Disrupting Keyless Entry Devices in Ohio

A recent article in The New York Times reported that many garage door openers and keyless vehicle entry fobs in an Ohio town near Cleveland mysteriously stopped working. While the article invoked The X-Files and hinted initially that a NASA research center might be involved, the cause was not so much mystifying as arcane.

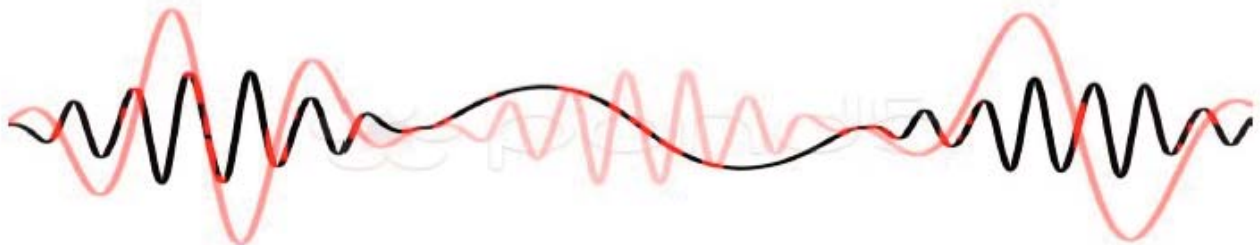


"Garage door repair people, local ham radio enthusiasts, and other volunteer investigators descended on the neighborhood with various meters," the May 4 article by Heather Murphy recounted. "Everyone agreed that something powerful was interfering with the radio frequency that many fobs rely on, but no one could identify the source."

More than a dozen residents reported intermittent issues getting their key fobs and garage door openers to operate, and most lived within a few blocks of each other. At one point, the local power utility started shutting off power to areas where the strongest RF signal was detected, but the signal persisted. Dan Dalessandro, WB8ZQH, a TV repairer, was among several hams who investigated. He initially picked up "little blips" on a signal detector, but finally, on one block and at a particular house, the signal was quite loud.

"The source of the problem was a homebrew, battery-operated device designed by a local resident to alert him if someone was upstairs when he was working in his basement," the Times reported. "It did so by turning off a light." The inventor, not identified for privacy concerns, had no malicious intent nor any inkling that his device was wreaking havoc on the neighborhood until a North Olmstead City Council member and a volunteer knocked on his door. The device operated on 315 MHz, the frequency many keyless-entry devices use under FCC Part 15 rules. The device's battery was removed, the signal stopped, and all who were involved breathed sighs of relief.

The ARRL Letter for May 9, 2019



FCC IS NOT REINSTATING A VANITY CALL SIGN FEE

The FCC is Not Reinstating a Vanity Call Sign Fee

An erroneous report this week suggested that the FCC planned to again impose an Amateur Radio vanity call sign application (regulatory) fee of \$70 for the 10-year term. This incorrect conclusion resulted from an incomplete reading of the May 7 FCC Notice of Proposed Rulemaking (NPRM) in the matter of the assessment and collection of regulatory fees for fiscal year 2019.



Although the Schedule of Regulatory Fees does show a \$7 annual fee for Amateur Radio vanity call signs, a boldface heading in that section of the NPRM states, "REGULATORY FEES. This section is no longer in effect as it has been amended by RAY BAUM'S Act of 2018..." Section 9(e)(2) of RAY BAUM'S Act gives the Commission discretion to exempt a party from paying regulatory fees when the FCC determines that the cost of collection exceeds the amount collected. A new section 9(e)(1) incorporated the Amateur Radio vanity fee exemption from FCC rules into the statute.

The NPRM makes clear in several other places that regulatory fees no longer apply to Amateur Radio licenses. The FCC eliminated the regulatory fee for Amateur Radio vanity call signs in 2015.

ARRL FIELD DAY

ARRL Field Day is always held on the 4th full weekend in June - It is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 Radio Amateurs gather with their clubs, groups or simply with friends to operate from remote locations.



It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — Ham Radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called “Hams”) are well known for our communications support in real disaster and post-disaster situations.

**2019 ARRL FIELD DAY IS JUNE 22-23
SO MUCH MORE THAN A PICNIC**

Field Day is an Annual Amateur Radio exercise, widely sponsored by IARU regions and member organizations, encouraging emergency communications preparedness among Amateur Radio Operators. In the United States, it is typically the largest single emergency preparedness exercise in the country, with over 30,000 operators participating each year. Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and running through 2059 UTC Sunday.

Since the first ARRL Field Day in 1933, radio amateurs throughout North America have practiced the rapid deployment of radio communications equipment in environments ranging from operations under tents in remote areas to operations inside Emergency Operations Centers (EOCs). Operations using emergency and alternative power sources are highly encouraged, since electricity and other public infrastructures are often among the first to fail during a natural disaster or severe weather.

To determine the effectiveness of the exercise and of each participant's operations, there is an integrated contesting component, and many clubs also engage in concurrent leisure activities (camping out, cookouts, etc.). Operations typically last a continuous twenty-four hours, requiring scheduled relief operators to keep stations on the air. Additional contest points are awarded for experimenting with unusual modes, making contacts via satellite, and involving youth in the activity.

THE PRICE IS RIGHT!

JOHN HERLEMAN, N3CVK, HAS A LOT OF STUFF HE WANTS TO GET RID OF. IT'S A LOT OF MISCELLANEOUS ELECTRONICS PARTS LIKE CAPACITORS, RESISTORS, SWITCHES AND A HEATHKIT HW-101. HE WANTS NOTHING FOR THIS STUFF, HE JUST WANT TO GIVE IT TO SOMEONE, OR TO WRARC,

IF SOMEONE IS INTERESTED IN GOING DOWN THERE TO GET IT.

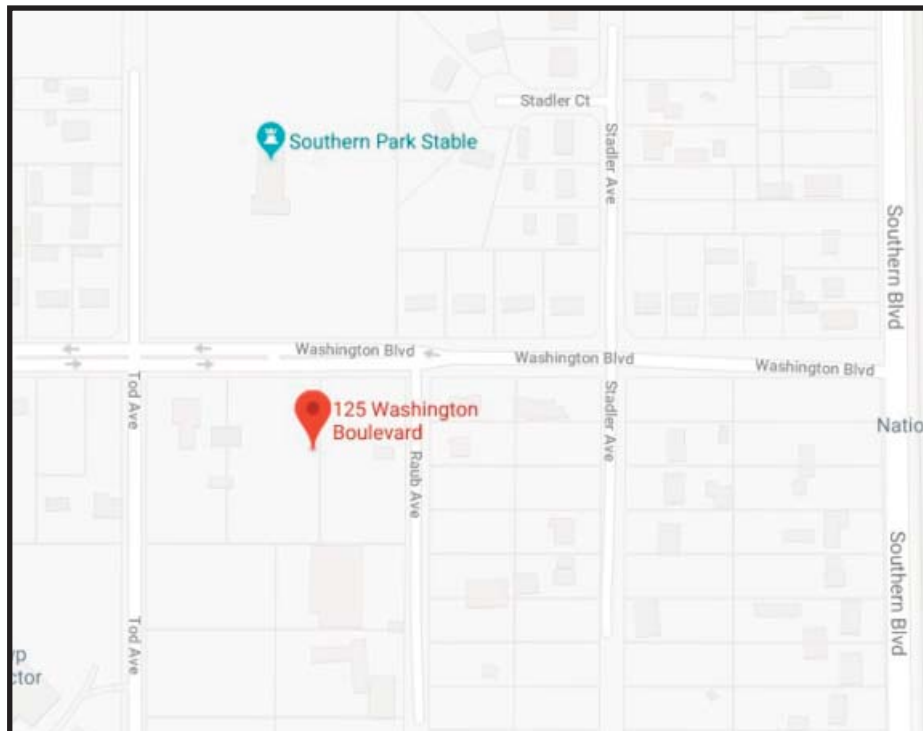
JOHN LIVES JUST SOUTH OF LEETONIA ON LEETONIA RD. HIS CONTACT INFORMATION IS

JHERLEMAN3006@GMAIL.COM MOBILE 330-550-4088

WRARC 2019 FIELD DAY

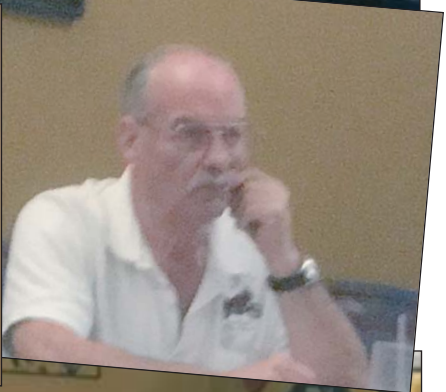
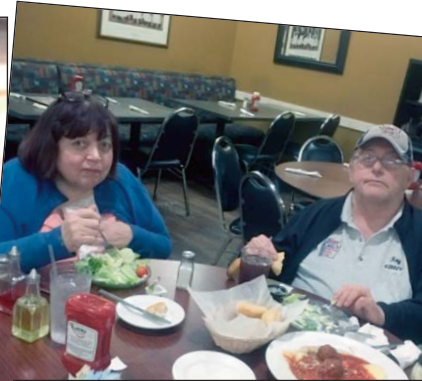


**125 WASHINGTON BLVD.
THE HORSE BARNS PROPERTY OF BOARDMAN PARK**



Bring your Radios and join us

Contact Steve. KC8SOY, or Darrin, N8DMC
kc8soy@wrarc.net or n8dmc@wrarc.net
For more information



June 2019

PREPAREDNESS LEADS TO READINESS - MATT W8DEC



| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|--|------------------|---|---|--------------------------------|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 National Chocolate Ice Cream Day | 8 |
| 9 National Strawberry Rhubarb Pie Day | 10 ARES Net 8:30 PM 146.745 PL 110.9 | 11 Ham Breakfast Eat'n Park Austintown 8:30 A.M. Board Meeting Eat'n Park Austintown 7:00 P.M. | 12 | 13 | 14 Flag Day  | 15 |
| 16  | 17 | 18 WRARC Meeting 7:00 P.M. | 19 Juneteenth | 20  WaveBender Input Due | 21 Summer Solstice 11:54 A.M.  | 22 Field Day |
| 23 Field Day  30 | 24 ARES Net 8:30 PM 146.745 PL 110.9 | 25 Eat'n Park Austintown 8:30 A.M. Ham Community Breakfast | 26 | 27 | 28 | 29 International Mud Day |