



The Wave Bender

August 2017

A green line-art illustration of a man in a cap and shirt, appearing to be in motion as if bending a wave. To the right of the illustration is a ham (cured meat) and a logo for the Ohio Section of the Western Reserve Amateur Radio Club, which is a diamond shape containing the letters "W R A R C" and "OHIO SECTION".

WRARC PREZ SEZ

Well here we are coming to the beginning of another month. It's hard to believe we are already through more than half of 2017. I have touched on my subject for this month Wave Bender lightly before this year, and want to take the time this month to stress how much your participation and input is needed.

This September we will be taking nominations for many officers positions, President, Vice President, (for a special onetime 3 year term to make the President and Vice President terms end on a staggered year instead of both changing office at the same time.), Treasurer, Secretary, and finally a trustee.



Even though this is only August, it is very important to start thinking about who you would like to see in these offices, and start talking to them and getting ready for the election' This is your club and every member needs to participate in selecting its leadership.

I am not running for reelecting, as I am taking over for Al handling the classes and testing. Joe has termed out in the VP position, and the officers in the other positions will make their intentions known in their own time.

The candidates you choose will lead the club for the next two years and ensure that our club maintains a strong voice for our members and remain active in the Ham community in the valley. So please start thinking now about who in our club would best lead us into the future.

**WRARC ELECTIONS STARTING IN OCTOBER
WITH NOMINATIONS**

THIS YEAR WE NEED TO ELECT OR RE-ELECT

**PRESIDENT, VP, SECRETARY, TREASURER
AND ONE TRUSTEE IN NOVEMBER**

PLEASE DON'T LET WRARC BE JUST A MEMORY

INTERESTED IN RUNNING? CONTACT BOB, N8RCM

N8RCM@WRARC.NET

IN THIS ISSUE

2017 Officers:

President: Bob Mitzel, N8RCM n8rcm@wrarc.net

VP: Joe Wojtowicz W0JO w0jo@wrarc.net

Secretary: Jo Wilms, KD8SNW kd8snw@wrarc

Treasurer: Rose Marko, KD8TII kd8tii@wrarc.net

Past President: Roy Haren, KD8IJF kd8ijf@wrarc.net

Trustees:

Russ Williams NR8W nr8w@wrarc.net
 Darrin Cannon, N8DMC n8dmc@wrarc.net
 Roy Haren, KD8IJF kd8ijf@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

Nominating Charman; OPEN

Classes/Testing: Bob Mitzel, N8RCM n8rcm@wrarc.net

Newsletter/Web: Jane Avnet K8JAA k8jaa@wrarc.net

Historian: Rose Marko, KD8TII kd8tii@wrarc.net

Badges: Al Avnet, AB8AA ab8aa@wrarc.net

Facebook: Terri Mitzel, N1TAM n1tam@wrarc.net

Chris Monske, WF8U wf8u@wrarc.net

Harry Harker, KD8PQK kd8pqk@wrarc.net

Officer's Meeting:

August 8, 2017, 7:00 P.M. At Eat 'n Park,
 Austintown, Eat 'n Park,
 5451 Mahoning Ave
 All members welcome

Members Meeting:

August 25, Davidsons
 3636 Canfield Rd., Cornersburgh

Speaker:

Topic:



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

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OTHER IMPORTANT WEB SITES

For the ARRL searchable Hamfest calendar,
 <<http://www.arrl.org/hamfests-and-conventions-calendar>>

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)>

FROM OUR VP

As a result of our recent participation in the first Youngstown Marathon, the Executive Director of Mill Creek Parks asked us to assist in another community fundraising event to be held on Sunday, September 10th in Mill Creek Park known as the Green Cathedral Half Marathon – 5K – Kids Fun Run 2017, //www.millcreek-metroparks.org/visit/things-to-do/green-cathedral/. The event will be both a half-marathon and 5K walk/race all to be held within the park. Net proceeds will benefit the Wick Recreation Children's Play Area. This event should not take more than 3 to 4 hours, so please mark your calendars for Sunday, September 10th and we'll have more information for you as we get closer to the date.



Our next club event will be the Annual Panerathon, <http://panerathon.org/event-info/>. This event will be held on Sunday, August 27th and is the largest community fund-raising event in the area. Together with 10,000 participants and spectators, their sponsors and community supporters raised \$360,000 through the 2016 Panerathon. To date, the Panerathon has raised \$1.6 million for the Mercy Health Foundation Mahoning Valley in support of The Joanie Abdu Comprehensive Breast Care Center at St. Elizabeth Hospital, the first comprehensive breast care center in the Youngstown area. The Panerathon is a 10K run and a 2 mile fun run or walk, which also includes a kids run.

Your club officers and board members would greatly appreciate your participation in both these events as well as any other licensed amateur radio operators who want to help. Please contact me at either (330) 544-5865, or W0JO@arrl.net if you would like to join us. We'll also have sign-up sheets at our August meeting.

The August monthly club meeting will be held on Tuesday, August 15th at Davidson's Restaurant, 3636 Canfield Road, Canfield, OH 44406. We have dinner at 6:00pm EDT and our meeting starts at 7:00pm. We invite all of our members to attend our monthly meetings, along with any other licensed Amateur Radio Operators, or those wishing to learn more about the hobby/service.

73, Joe, W0JO, VP/WRARC

A LETTER FROM THE EDITOR

With Elections coming up this fall, members not volunteering, and attendance dropping at our meetings, I have to wonder what is going on? Members, you got your licences - you studied hard and passed an FCC test, now what are you going to do with them? Amateur Radio is first and foremost a service. One I'm proud to be a part of.

Joe, W0JO - our VP, works tirelessly getting WRARC Public Service events for us to practice our 'trade.' Only a few members come out. We now go outside WRARC for volunteers. Not Good! Yes, we appreciate their help, but with the number of members we have, we should be able to handle these events ourselves. When you look at this issue of the Wave Bender, you'll see we have four Public Service events and one Community Service event planned for the next few months. Which members will volunteer? Will you?



Now we are looking at upcoming elections, starting in September with volunteers for the various offices that are currently coming open. - President, VP, Secretary, Treasurer and one Trustee. The only officer willing to run again for any office is our Treasurer, Rose KD8TII. You must realize that without a Board, there can't be a WRARC. I know some members have health problems that make it almost impossible to help, but running an Amateur Radio Club is not difficult, nor rocket science! It can be fun if everyone pitches in and does something! Anything!

73 & 33 Jane K8JAA

WHAT'S COMING UP?

- Aug. 08 Board meeting - open to all interested members.
- Aug. 15 Member's Meeting
- Aug 16 Testing American Red Cross 3530 Belmont Ave #7
- Aug 27 Panerathon 2017 - Volunteers needed

- Sept. TBD Semi-Annual Community Service Event, 446 Road Clean up
- Sept. 10 Green Cathedral half marathon - Volunteers Needed
- Sept. 12 Board meeting - open to all interested members.
- Sept. 19 Member's Meeting -

- Oct. 02 Youngstown Peace Race - Volunteers needed
- Oct. 07 Walk To End Alzheimer's - Volunteers needed
- Oct. 10 Board meeting - open to all interested members
- Oct. 13 & 14 Haunted Hayride - Boardman Park
- Oct. 17 Members meeting - Nominations of Officers
- Oct. 18 Testing American Red Cross 3530 Belmont Ave #7,
- Oct. 20 & 21 Haunted Hayride - Boardman Park
- Oct. 27 & 28 Haunted Hayride - Boardman Park

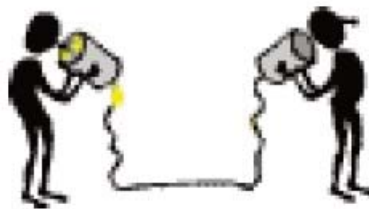
- Nov. 14 Board meeting - open to all interested members.
- Nov. 21 Member's Meeting - Elections

- Dec. 12 Board meeting - open to all interested members.
- Dec. 19 Member's Meeting

- Jan. TBD Annual Meeting and installation of Officers



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



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

Avnet, Allan AB8AA Beatty, Dave KC8WY Fabry, Steve KC8SOY Haren, Roy KD8IJF Williams, Russ NR8W Wojtowicz, Joe W0JO	Antennas, radio setup, mobile, grounding, classes, anything anything Yaesu FT8900, FT8800, Mobile ??? Electrician, tele-data, Amateur Extra ICOM radios, D-Star	ab8aa@arrl.net kc8wy@zoominternet.net kc8soy@yahoo.com harens@juno.com rwiliams@neo.rr.com w0jo@arrl.net
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Used with permission

He who is afraid of asking, is afraid of learning

Articles from members for the Wave Bender are encouraged. They must be received by the editor on 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, 2050 E. South Range Rd., New Springfield, OH 44443

Join us for the WRARC Friday night Net 9:00 P.M.
 KD8DWV - 145.270, PL -110.9
 Upcoming Net Control Operators

There are no volunteers for
 August
 Why not give it a try,
 it's easy!

If your name has never been on this list
 Contact Steve, KC8SOY to take a turn at Net Control
 330-774-6346



WRARC Simplex Frequency 146.565

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

COLUMBIANA COUNTY DIGITAL NET
 Wednesdays 8:30 pm - 9:30 pm
 145.510 MHZ SIMPLEX

First Wednesday of the Month Mahoning County Skywarn Net
 is held on the W8QLY repeater 146.745 (-) at 8:30P.M.

Thanks & 73

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

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

NEW EVENT



5K and 1/2 Marathon Sunday, September 10. Volunteer for this one and spend a couple hours in beautiful Mill Creek Park. Contact Joe W0JO to volunteer.

<http://www.millcreekmetroparks.org/visit/things-to-do/green-cathedral/>



 THE AFFILIATED CLUBS COORDINATOR

Tom Sly, WB8LCD - ACC
tomsly29@gmail.com

Hey there! How'd you all do at Field Day this year? Do me a favor, if you, or your club, participated in Field Day, 2017, send me a copy of your score sheet, as submitted to the ARRL. I want to see just how the OHIO Section scored compared to the other ARRL Sections. There's really no reason on God's gray earth why we shouldn't be the top section in the whole of North America! And, if for some reason, we weren't, then we've got our work cut out for us in 2018. Last month I talked about having fun, and that will continue to be my theme this month, but with just a little twist that maybe you weren't expecting.

Every club has two distinct groups in it: 1 - the officers, whose job it is to make sure everyone else is having fun, and, 2 - the membership, those who are being served by their club's officers. Being a club "Officer" can sometimes be a thankless job. I can tell you that there are some club officers who put their heart and soul into serving the members of their club. In the coming months, I'll have quite a bit to say about what those officers can do to make the club experience a good one for their members.



I'll talk about the programming and activities that club members are looking for and appreciate. I'll talk about all the things the club officers are responsible for overseeing for the benefit of the membership. But right now, I want to talk about the responsibilities of the members of any club they belong to!

The dilemma is kinda' like that of the chicken and the egg. Which one came first? If no-one can really say, then maybe the best way to work at the issue is to look at it from both sides and agree that both sides need to work together to solve the problem. If you are a club officer, by definition you are working on the problem. But what about the other 75-85% of you who are the club members? There are a lot of things you can do (with no commitments!) to help make your club successful.

1. Show up. Just by being there, you are saying a lot to the club officer's, which will motivate them to plan other activities! Let's say you've got a monthly meeting, a weekly net and maybe one or two other activities or meetings each month. I'm talking about maybe 10-12 hours per month! Even if you only did half that stuff, it's still only 5-6 hours a month. Figure out all the hours you WASTE per month watching stupid shows on TV or just doing other stuff you really don't care about. You can't find a few hours in there that would be better spent participating in your chosen hobby? When members show up and participate in club activities, your club officers will be highly motivated to doing more good things for the club!

2. You want to motivate your officers? Try saying "Thank You". You could do it in person. You could send them an email or a text. If you were really ambitious, you could send them a written thank you card in the mail. As a club officer, it can get pretty disheartening when you don't get any positive feedback that your members appreciate what you're doing on their behalf. That might add another 5-10 minutes to your monthly time commitment to the club. BFD. (Yes, it is to the officers who feel appreciated for what they do.)

3. Have you ever said "Our club ought to....." but never offered to make it happen? Every club leader is looking for those suggestions. If you add on "and I can help you do that" or "I will find a great speaker on that topic" you have just made yourself a valuable club member, even if you only do it once or twice a year! *Continued page 7*

THE AFC - CONTINUED FROM PAGE 6

And you've made the club more interesting and valuable to every member who takes the time to participate in that activity. Nice work!

4. Be that guy who is INCLUSIVE at club activities! See someone you don't know, walk up to them and say hello. It's every club member's job to make sure that new hams and/or prospective members are made to feel welcome at your activities. I have personally seen people walk into a club meeting or activity, spend an hour or more there, and have NO-ONE say a word to them. Why would they even want to go back to someplace like that, let alone pay your dues to become a member?

Sure, the president can make sure you have an opportunity to be introduced at the meeting, but if you aren't made to feel like you can become a part of the group, you aren't coming back. I promise, if you do just these things, your club will experience a revival like you never expected! Sure, you're going to be in charge of some things, and I hope you accept that responsibility. You'll have more fun with your hobby and so will the other participating members of your club!

Here's a special note to you older guys: Ham Radio has become an "Old Man's" hobby. We need to change that. If we get some young peoples interested, they come out and see a bunch of old guys who don't want to do anything because they're old and tired, do you think they are going to want to be a part of that? NO WAY! We (Yeah, I'm one of you too) have to get out there and have the time of our lives doing fun things so that the younger folks can see that it actually is a FUN hobby! Then, when they're all excited about the fun we're having, they'll want to be a part of it too!

I don't want to get political, but I want to quote John F. Kennedy: "Ask not what your country can do for you, ask what you can do for your country!" Put that into the context of your club. If everyone worked for the success of the club, how could it not be successful? And I don't just mean lip service – I mean some real picking up where the weak spot is and holding it up. I've heard people accept roles or jobs in a club by saying "I'll do it if no-one else will." Really? That's your level of commitment? Sometimes it's better to let something go undone than to do a miserable job at it. And if it always has to be done by your club officers, they're going to burn out rather quickly! I like to quote historical figures, and one of my favorite quotes is from Winston Churchill. In some of the worst times in Britain during WW II, Mr. Churchill said "It's not always good enough to do your best, sometimes it's necessary to do what is required." It's all about attitude!

Just remember this: If your club needs to be turned around, put back on the right path, have some fire breathed into it – it needs the club members doing their part to support the mission of the club. That mission should have something to do with having fun with and learning more about your hobby! Like most things, it's going to be a process – not an event. It'll take some time, effort and commitment. I can promise you – it will be worth it!

73, de Tom, WB8LCD

MAYBE THIS IS YOU?

Could YOU be the one I'm looking for? This is the editor of 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, or one bigger, next month!!



ARES CORNER

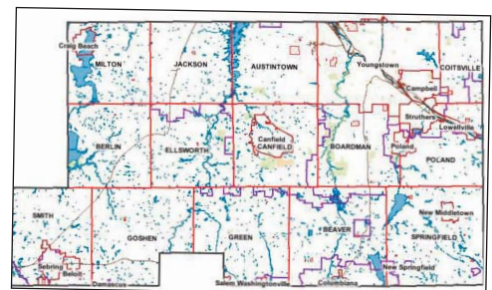
The July 10th ARES Digital Class was a great success attended by more than 15 operators. This session of the workshop dealt with installing and configuring the Fldigi software for use with NBEMS messaging. By the end of the workshop all had the software installed and running and were copying messages in MT63-2KL. A follow-up class will be scheduled soon, keep an eye out for that.



July 19th, 6:00 p.m., “The Red Cross and ARES”. Join us for a presentation by the Red Cross at the Lake to River Red Cross Offices, Suite 7, 3530 Belmont Ave., Youngstown, OH 44505. Open to all ARES members and interested Amateur operators, the presentation will describe both the day to day and emergency operations the Red Cross performs in our area.



ARES “Live Exercise” Coming up in August. This exercise will focus on our ability to communicate from various locations in the county and to make use of HT and Mobile equipment. We will be looking for volunteers willing to visit locations in the county and make signal reports as well as operating a net control station.



A NOTE FROM ROSE



Here we are into the dog days of summer, a lull between our months of activity. The June 4th Youngstown Marathon turned out to be a success for the city of Youngstown and for all the volunteers from our club, the other clubs and the individuals who participated in it. The people in charge of the race were very pleased with our help and asked us back next year to help out again.

Next was Field Day. It, too, was a big success. There were people passing by who stopped in just to see what it was all about. Many of our club members came out to participate in making contacts with other Hams around the country. We have a new member, Bob Kramer, KE8HHH, who took his Tech. class exam that Saturday morning and passed. He and I made our first contacts and we both enjoyed it. We had good food for Saturday's dinner and many gift prizes to go along. All in all, it turned out to be a beautiful weekend weather-wise and a lot of fun for all those who

were there.

July is always a slow month with no events planned. Our general meeting was held July 18th and sadly, our meeting room was practically empty. To put it bluntly, it was very disappointing. We had only roughly about 20 members who showed up. One of the topics we discussed was to have or not have a picnic this year. Because Field Day was such a success, the board members decided to not have the picnic. So those of you who weren't at Field Day, you missed out on a great weekend. We picked up another new member at the meeting, Dave De Simio, WA8GCF.

This month, we will be participating in the Panerathon which is being held Sunday, August 27th. This will be our third year for doing it. The past two years were a big success and we hope to have the same success this year, too. We need volunteers to help out, possibly some new people, who haven't done an event before. It's a lot of fun and not too hard to do.

Our trustee, Russ Williams, will be conducting a class on how to build a spud gun. He needs a total of 10 participants. If anyone is interested in signing up for this class, you can contact me, Treasurer, Rose Marko, KD8TII, at KD8TII@zoominternet.net or you can call me on my cell phone, 1-216-406-5769, or contact Russ. The price of for the kit to build the spud gun is \$50.00.

In closing, we need ALL our members to come back to the meetings. We will be having elections for the upcoming year for the positions of, President, Vice President, Secretary and one Trustee. If you are interested in volunteering for any of these positions, PLEASE, come to the meetings. If not, we may not have a club to belong to. I hope you will think about that and help us keep our club alive.

Hope to see you all at our next meeting at Davidson's Restaurant, August 15th.

73 Rose KD8TII

The 2017 Panerathon is going to be bigger and better than ever!

WHAT IS PANERATHON?

Together with 10,000 participants and spectators, our sponsors and community supporters raised \$360,000 through the 2016 Panerathon.



To date, the Panerathon has raised \$1.6 million for the Mercy Health Foundation Mahoning Valley in support of The Joanie Abdu Comprehensive Breast Care Center at St. Elizabeth Hospital, the first comprehensive breast care center in the Youngstown area.

The Panerathon is a 10K run and a 2 mile fun run or walk, which also includes a kids run.

Sunday, August 27, 2017
Covelli Centre, 229 Front Street, Youngstown, OH 44503
Contact Joe, W0JO, to volunteer.

SWAP'N SHOP

**Antennas, Tower, and Radios plus other stuff for sale**

Kenwood TH-22AT 2 Mtr HH	\$ 15
Nye Viking, MBI-001 Tuner,	\$ 50
AEA model QT-1, Antenna tuner	\$ 15
HYGAIN 6 element 6 meter beam	\$ 50
Pyramid Power Supply model PS-25	\$ 30
Swan SWR-1A SWR/ Pwr Meter	\$ 5
Andrew F4PNMV2-HC N Male connector	\$ 5 ea
Cushcraft Model XM 520 20 meter 5 element beam	\$ 50

Code Keys, MFJ and Misc. Equipment for sale

Bencher ST-1CW Paddle	\$ 50
Coax Switches (3)	\$ 5 ea

Code Keys Straight (3)	\$ 5 ea
Code Key J-37 key on a J-44 Base	\$ 10
Dentron Jr. Monitor	\$ 20
Ilcom IC-AG1 430Mhz Preamp	\$ 10
KENT Single Paddle	\$ 15
MFJ MFJ-204B Antenna Bridge	\$ 20
MFJ MFJ-906 6 Mtr Antenna Tuner	\$ 40
MFJ MFJ-9040 40 Mtr CW transceiver	\$ 30
MFJ MFJ-945 Antenna Tuner	\$ 20
MFJ MFJ-492 Memory Keyer	\$ 20
MFJ MFJ-464 CW Reader/ Keyer	\$ 40
MFJ MFJ-484 Grandmaster Memory Keyer	\$ 20
MFJ MFJ- 812 VHF SWR/ Power Meter	\$ 5

Heathkit and Ten-Tec Equipment for sale

Heathkit HM-9 QRP Wattmeter	\$ 15
Heathkit HFT-9A Antenna Tuner	\$ 20
Heathkit HG-10 VFO	\$ 15
Heathkit AM-2 SWR/ Power Meter	\$ 10
Heathkit HM-11 SWR/ Power Meter	\$ 10
Heathkit SB-600 Speaker	\$ 10
Heathkit IM-10 VTVM	\$ 10
Heathkit DX-60 10 thru 80 Meters HF	\$ 40
Heathkit 75 Meter Single Bander	\$ 40
Heathkit GR-88 152-174Mhz Receiver	\$ 10
Heathkit VTVM Model IM-11 (A)	\$ 10
Ten-Tec Argosy II Model 525-D	\$100
Ten-Tec Antenna Tuner Model 247	\$ 25
Ten-Tec Kit Shortwave Receiver Model 1253	\$ 40
Ten-Tec Kit 6 Mtr Transverter	\$ 20
Ten-Tec Power Supply 252G	\$ 25

**Will accept all reasonable offers.
Misc tower parts, lots contact me if interested.
AI, AB8AA, 330-207-3296 or ab8aa@arrl.net**

ARISS TO CELEBRATE 20TH ANNIVERSARY WITH SSTV EVENT

(from ARRL Bulletins)

The Amateur Radio on the International Space Station (ARISS) program is planning a slow-scan television (SSTV) event starting on Thursday, July 20, and continuing for 2 days, to commemorate its 20th anniversary.

Transmissions, set to get under way around 2125 UTC, will feature 12 images from past and present ARISS activities. The SSTV signal should be available nearly anywhere on the globe at some point during the event.

“Starting with our first meeting in November 1996, our joint operations on Mir, becoming the first operational payload on ISS in November 2000, to our [more than 1,100] school contact (so far), ARISS’s accomplishments have been tremendous,” ARISS International Chair Frank Bauer, KA3HDO, said, in first announcing the SSTV event last. “We have touched the lives of many and inspired and educated countless students to pursue science, technology, engineering, and math careers.”



The event plans to use a computer on the ISS Russian Segment, which stores images that are then transmitted to Earth using the onboard Kenwood TM-D710 transceiver, the ARISS announcement explained. Those receiving the images can post them for public viewing.

SSTV signals will be transmitted on 145.80 MHz using FM. The SSTV mode is expected to be PD120, with PD180 as a possible second option. Free SSTV decoder software is available on the Internet.

ARISS asked educators to consider ways in which they might use this opportunity to inspire their students by having them take advantage of this chance to capture images directly from space to their computers.

All ARISS events are dependent on other activities, schedules, and crew responsibilities on the ISS and are subject to change at any time. News and updates are on the ARISS website, the AMSAT website, the AMSAT-BB, the ARISS Facebook page, and the ARISS Twitter feed @ARISS_status.



YOUNGSTOWN PEACE RACE

About The Peace Race

Fall-lake viewThe Peace Race is not your ordinary Midwest road race. The Peace Race has attracted runners from all corners of the globe since its inception in 1975. The Peace Race is a USATF certified course - 10K and 2 mile run/walk - Oct 22, 2017 9:30 AM

The Location

Youngstown - Peace Race’s course is in Mill Creek Park.

Benefiting Charities

Proceeds from the Youngstown Peace Race benefit several area charities, including:

- Akron Children’s Hospital •Mahoning Valley Diabetes Outreach Program
- St. Vincent De Paul Society
- Rescue Mission of Mahoning Valley
- YMCA’s Partner in Youth Program
- Fairhaven School/Special Olympics
- The Beatitude House

Contact Joe, W0JO, to volunteer



OHIO RESPONDS

Ok.. Here's the latest update on Ohio Responds. We now have 142 persons approved!! Let's keep this going. We have over 560 with all their certificates on file. Let's get everyone to get moving and sign up for Ohio Responds.

Signing up with Ohio Responds will give you liability protection under the State of Ohio. This is a real big things folks.. Where else can you get liability insurance for FREE.



Now, admittedly their system was designed for another purpose, so in some places it doesn't match up well with Amateur Radio Operators and what we do. I have created a webpage where you'll find all the pertinent information for getting registered on Ohio Responds website with as little issues as possible. You really do need to read this information BEFORE you attempt to register, and you will need to have all 4 of your NIMS courses completed and in our statewide database first! There's some very specific information up there that you'll need to know to correctly complete the registration process since it doesn't match up well in some places with what we do. Here's a link to that webpage... <http://arrl-ohio.org/ohio-responds-page.html> You can also find this link on the main page of the Ohio Section website as well.

How do I know if I'm on the list or not? Here's the link to the list. http://arrl-ohio.org/SEC/special/nims_roster.html Don't see your name on the list, and you've submitted your certificates? Contact me immediately!

73, Scott, N8SY

2017 WALK TO END ALZHEIMER'S - MAHONING VALLEY, OH

**Take the first step to a world without Alzheimer's.
Saturday, October 7, 2017**

**Time: Registration at 8:30am
Ceremony at 9:30am
Walk at 9:45am
Route Length: 2 miles**



**Location: WATTS Center at Youngstown State University
651 Elm Street
Youngstown, OH 44555**

Thank you for helping us advance Alzheimer's support, care, and research!

\$7,258.00 We have raised \$85,200.00 Our Goal

Contact Joe, W0JO, to Volunteer



BIRTHDAYS THIS MONTH

**KD8YMK
N8RCM
KB3KQY**

**Mark Stein
Bob Mitzel
Scott VanDerWal**





ECLIPSE OF THE SUN

the total solar eclipse of August 21, 2017,

VIRGINIA TECH EXPERT TO STUDY AUGUST SOLAR ECLIPSE EFFECTS ON RADAR, HAM RADIO, GPS

BLACKSBURG, Va. – An expert from Virginia Tech will lead an experiment to study the effects of the upcoming solar eclipse on different communication, safety and transportation systems we use on a normal bases.

The eclipse is scheduled for August 21 and is being hailed as a once-in-a-lifetime opportunity. It has been 99 years since a total solar eclipse crossed the United States from the Pacific to the Atlantic — specifically from Portland, Oregon to Charleston, South Carolina.

- An eclipse will cross the US for the first time in 99 years
- The solar eclipse is coming — and it's \$2,000 for a grand view
- Where to see the 2017 total solar eclipse

Greg Earle, a professor of electrical engineering, will head up a team of faculty, staff and students to study the effects of the eclipse on things like over-the-horizon radar, amateur radio, and even GPS.

“Radio wave propagation is affected by the electrical part of the atmosphere and during the eclipse, we really have the opportunity to collect data and learn more about the impact of these changes on systems we’ve come to rely on,” said Earle.

The Virginia Tech team plans to gather data from a variety of sources, including radar systems, transceivers, satellites, ham radio, and GPS receivers, in order to analyze the effects of the solar eclipse on the conductive region of the atmosphere.

“Whether military radar, or consumer GPS signals, the eclipse is going to have effects on the medium that we would like to understand better, so that we can either mitigate them or use them to our advantage,” said Earle.

Earle’s research is backed by funding from NASA and the National Science Foundation.

Greg Earle is W4GDE and a member of the HamSCI team (hamsci.org) coordinating the Solar Eclipse QSO Party data processing effort.

Please be sure to encourage your clubs and teams to participate in the Solar Eclipse QSO Party (SEQP) to contribute their own "observations" by making contacts during the eclipse on Aug 21st.

SEQP Rules: <http://hamsci.org/seqp>

SEQP Project: <http://hamsci.org/basic-project/2017-total-solar-eclipse>

There should be a special event registration page online in the next few days for eclipse stations, as well.

73, Ward N0AX

pr@reflector.arrl.org

<http://wtkr.com/2017/07/17/virginia-tech-expert-to-study-august-solar-eclipse-effects-on-radar-ham-radio-gps/>

HAUNTED HAYRIDE COMING IN OCTOBER



OK it is now time to start thinking about getting out the long-johns, and the HTs out of their boxes, check and charge the batteries, and go out into the woods. No, we are not going hunting for deer or rabbit. We are going out after creepy people. Now these creepy people will be hiding in Boardman Park. Yes, in Boardman Park! They are there after the little kids that go out on those October weekends to have fun in the woods by scarring people while on the Haunted Hay Ride.

The Haunted Hay Ride is a fund riser for the 4H kids in Mahoning County. It runs for three week ends in October. We usually meet at the log cabin at 6:00 p.m. - at that time we see where everyone will find out where, in the woods, they will be stationed. Now if we have a lot of volunteers, then you can be with someone, if you'd like - and if you want - YOU can scare the riders along with the kids.

The Haunted Hay Ride will tentatively take place on the weekends of October 13 & 14 (there'll also be pumpkin Carving Contest for the kids), 20 & 21, & 27 & 28. NO SUNDAYS!

We meet at the log cabin around 6:00 P.M. We come back in around 10:00 to 10:30 P.M., on some nights, it can go 'till 11: 00. I hope that people will volunteer and join the fun. Yes, we do have fun, even if it's cold.

73 to all,
Bill Egan, KD8HCQ
330 565-4342





A WARM WELCOME TO OUR TWO NEW MEMBERS
BOB KRAMER, KE8HHH
DAVE DE SIMIO, WA8GCF

WELCOME TO
COLUMBIANA COUNTY EC, NN8B

August 2017

PREPAREDNESS LEADS TO READINESS - MATT W8DEC



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 National Mountain Climbing Day	2	3	4 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	5 Summer Olympics begin in Rio
6	7 ARES Net 8:30 PM 146.745 PL 110.9	8 Ham Breakfast Eat'n Park Boardman 8:30 A.M. Board Meeting Eat'n Park Auatintown 7:00 P.M.	9	10	11 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	12
13	14	15 WRARC Meeting 7:00 P.M	16 Testing @ Red Cross on Belmont	17	18 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	19 National Honey Bee Awareness Day
20  WaveBender Input Due	21 ARES Net 8:30 PM 146.745 PL 110.9	22 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast	23	24	25 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	26
27 Just Because Day	28	29	30	31	WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	