



The Wave Bender

May 2016



WRARC PREZ SEZ

2016 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:

Harry Harker, KD8PQK kd8pqk@wrarc.net
Russ Williams NR8W nr8w@wrarc.net
Darrin Cannon, N8DMC n8dmc@wrarc.net

Appointed Positions:

Social: Amanda Faron, KC3GFU kc3gru@wrarc.net
Publicity: Joe Wojtowicz, W0JO w0jo@wrarc.net
Nets: Steve Fabry, KC8SOY kc8soy@wrarc.net
Classes/Testing: Al Avnet ab8aa@wrarc.net
Newsletter/Web: Jane Avnet K8JAA k8jaa@wrarc.net
Facebook/Badges/Logo Design:
John Fabry, KC8SPF kc8spf@wrarc.net
Historian: Terri Mitzel, KD8YYE kd8yye@wrarc.net

Officer's Meeting:

May10, 2016, 7:00 P.M. At
Austintown, Eat 'n Park,
5451 Mahoning Ave
All members welcome

Regular Meeting:

May 17, Davidsons
3636 Canfield Rd., Cornersburgh
Speaker: Janice T. Jasinski
Topic: identity fraud

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

Well April is behind us and it was a busy month for our club and it seems to be an indicator of things to come. By the time you are reading this, we will have completed another testing session adding another Amateur Extra class to our club roles. My own lovely wife Terri passed her test on the 20th to



upgrade her ticket. We also added a new member to the club at the April meeting, and I would like to welcome Les Breen and his wife Debbie to the WRARC family.

May will be a busy month also, The monthly Board meeting will be on the 10th at 7pm and is open to the members to observe, and if you have something you wish to address the board about, please let me know at least 24 hrs in advance and I will put you on the agenda. The General meeting will be on the 17th at 7pm, with many arriving at 6pm to enjoy some dinner and good conversation before the meeting.

The 20th will be the big item for the month of May, with the Hamvention starting and running for the weekend. This will be the first year I attend and am looking forward to seeing the sights and making some new contacts.

We also have the semiannual road cleanup coming up soon, As I am sure you know the club has adopted a portion of route 446 in Canfield and do a summer and fall cleanup to keep it looking nice.

Lastly I hope everyone has a happy and safe Memorial day holiday to start the summer off.



73 Bob N8RCM

John Fabry, KC8SPF - SK

April 23, 2016



Please join WRARC Members
in expressing our
feelings of sadness at
John's passing.
Losing a friend is never
easy!.

**WHAT'S COMING UP?**

- May 10 Board meeting - Eat'n PARK, Austintown
open to all interested members.
- May 17 Meeting at Davidsons'
- May 20-22 Dayton Hamvention .
- May 21 Armed Forces Day
- June 24 Set up Field Day site
- June 25 Testing at Our Field Day Site, 10:00 A.M.
- June 25 - 26 Field Day



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

IMPORTANT LOCAL WEB SITES

<arrl-greatlakes.org/> ARRL Great Lakes Division Web Page

<www.arrlohoio.org/> ARRLOhio Section Web Page

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

Avnet, Allan AB8AA

Antennas, radio setup, mobile,
grounding, classes, anything
anything

ab8aa@arrl.net

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

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



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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 one week before the end of the 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

FROM OUR VP

I don't know when this issue of Wave Bender will be out, but if it's before Saturday, April 30th, the day of our participation in the Annual Easter Seals "Make the First Five Years Count" fund-raising event at Boardman Park, I just want to remind everyone that we will meet at 8:30am EDT at the parking lot across from Lariccia's Italian MarketPlace Restaurant on Southern Boulevard. The parking lot is very large and there is a baseball field right adjacent to it, so you shouldn't miss it. If you're heading east on US Route 224, make a right onto Southern Boulevard. If you're heading west on US Route 224, make a left onto Southern Boulevard. We'd greatly appreciate any club member who can donate about three hours of their time that day. Please be sure to bring your charged HT or mobile radio, and wear your club hats/shirts and club badge.



Every once in a while I come across something that appears very interesting, so I buy it to try it out and see if it really works. More specifically, I'm talking about the Pocket Power X and the 110 Mobile that comes with it, along with a nice carrying case with various types of adaptors and accessories. Some of the features are 1- it's just a little larger than a smart phone, 2- it's truly powerful . . . a fellow who had a big Ford F350 dually truck

left his lights on overnight and the next day, he had 2 dead 12-volt batteries. Using the Pocket Power X, the truck fired right up, 3- it's very versatile with the included 110 Mobile you can power nearly any 110-volt household device. Just plug into the 110 Mobile like you would a regular wall outlet . . . anywhere . . . anytime, and 4) it's portable and comes in a handy carrying case that contains everything you need, zips up completely and, all told, weighs less than one pound.

It will charge ALL your electronic devices and comes with 90% of all available adapters. On top of that, there's also a USB charging port for extra compatibility. A single charge will jump-start a car, motorcycle or truck about 50 times. It can be used for camping, fishing, hunting, hiking, picnicking, boating, motorcycling, beach activities and trips to remote locations. It's also "solar-ready" so you can charge it literally anywhere in the world with the optional solar panel.



I have the older model, but it works great. I plugged one of my 12-volt power supplies into the 110 Mobile and it fired right up. Right now, they are having a sale for one half off. They're regularly \$400.00, but on sale now for \$199.97 which includes the new Pocket Power X which has 60% more power, the 110 Mobile and a book titled, "Blackout" which talks about the top 10 threats to the power grid. I've included some pictures of the product with this article. You can learn more about it and order yours online at

www.solutionsfromscience.com. I am not selling these nor do I get any compensation if you buy one. Just thought they are neat devices especially for amateur radio operators.

Also, want to remind everyone of our monthly meeting this month which will be held on Tuesday, May 17th at Davidson's Restaurant, 3636 Canfield Road, Canfield, OH 44406. We have dinner starting at 6:00pm EDT and our meeting starts at 7:00pm EDT. Our scheduled guest speaker this month is Janice T. Jasinski, Principal and CPA with the accounting firm of Schroedel, Scullin and Bestic, LLC, Canfield, OH who will speak to us regarding identity fraud which is quickly becoming very rampant in our society. It should be very interesting and informative. We invite all of our members and any licensed amateur radio operator to attend our meeting. If you're not currently a licensed radio amateur, we also welcome you to come and learn more about the hobby/service. Until next month . . .

73, Joe, W0JO
WRARC/VP

Failure is simply the opportunity to begin again, this time more intelligently. - Henry Ford

Join us for the WRARC Friday night Net 9:00 P.M.

145.270, PL -110.9

Upcoming Net Control Operators

May 06	Roy, KD8IJF
May 13	Joe W0JO
May 20	Paul, KD8DEL
May 27	Stan, KD3WPD

June 03	Chris, WF8U
June 10	Rose, KD8TII
June 17	Dave, KE8ALR
June 24	Bill, KD8HCQ

July 16	Joe, W0JO
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**Contact Steve, KC8SOY to take a turn at Net Control
330-774-6346**



WRARC Simplex Frequency 146.565

Mahoning County ARES® Nets

1st Monday 8.30 PM ET W8QLY Repeater - 146.745 (PL 110.9)

&

3rd Monday 8.30 PM ET W8QLY Repeater - 146.745 (PL 110.9)

We thank 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

**NBEMS/FLDIGI is being used training on message handling
capabilities of FLDIGI/FLMSG. Start with BPSK-125 other modes may be used for testing**

**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.

COMMUNITY SERVICE EVENT

The road cleanup on Route 446 our adopted highway in Canfield will be May 14, 2016 We usually meet at the Perkins on Rt 224 at 8:00 A.M. for breakfast. We then meet, around 9:00, across from the fairgrounds where 46 and 446 meet to get our vests and bags. Will need 8 to 9 volunteers. Our cleanup area is just short of 2-miles.

Guide-lines for Highway Cleanup

What to wear

1. Dress for the weather
2. light colored clothes
3. a safety vest (supplied by ODOT)
4. work type shoes
5. heavy gloves
6. hat & long sleeved shirt
7. bring a bottle of drinking water
8. if you have a pick up device bring it



Parking your car:

1. a least 10 feet from traveled surface, we also can park inside the fair grounds.
2. cars along side highway should leave their 4 way flashers on.

Safety:

1. work facing traffic
2. work daylight hours only
3. before starting be sure signs are posted correctly
4. do not wear headset radios or tape players
5. do not pick up items from traveled portion of highway
6. do not pick up heavy objects
7. do not pick up roadkill

Other:

1. ODOT will provide trash bags
2. ODOT will provide safety vests (which must be returned)
3. ODOT will pick up filled trash bag after we are done

A complete copy of the Safety briefings will be available to each of you on Saturday May 9, 2015. See you at Canfield Perkins that morning. This will be a good event for our enviornment and will be fun for all. We should be finished around 11:00 AM. For Rain Date and to Volunteer, contact Bob,N8RCM.

----- LETS ALL HELP GABBY WITH HER SENIOR PROJECT

Hi, my name is Gabrielle Paine, and I'm going to be a Senior at South Range HS. I am typing this brief description of my senior Project to persuade you to come to our Ham Radio Field Day and participate.

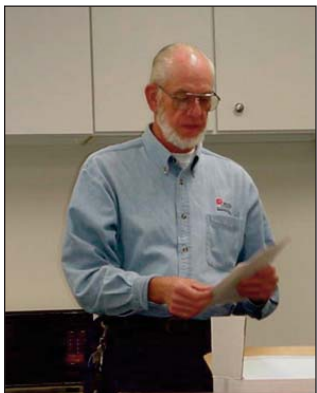
For my Senior project I am putting together a video interviewing Ham Radio Operators, and taking pictures throughout Field Day June 25-26, 2016. My Senior project consists of a minimum of fifteen hours worth of effort which Includes interviews, pictures etc.

During the video, I will be asking the Hams questions like: what/ who inspired you to decide to become a Ham Radio Operator; How do you help/inspire others etc? This video will be shown on the WRARC Facebook page, my Facebook, and will also be shown and talked about during July WRARC monthly meeting.

I hope to see you there and support our club and my Senior project. If you have any questions or want to contact me please don't hesitate to email me at catgril120@att.net Thank You.



WHAT IS AN ELMER?



There is much being said and written these days about the importance of bringing new people, especially young people, into our Hobby. There are many obvious reasons for this. As we all get older or get busy with other aspects of our lives, some will leave the hobby. Also, we have the use of many commercially valuable portions of the RF spectrum and there is always pressure to reallocate bands or segments of bands which are not fully utilized. In my mind, the most important reason to bring new HAMs into our hobby has to do with the energy and new ideas that these folks bring to Amateur Radio. Amateur Radio has always been a learning hobby and new folks help us to keep this important part of what makes our hobby so much fun, vibrant.

Jane (K8JAA) and I put in a lot of time and energy into getting folks started in Amateur Radio and helping them to build their skills and progress. Our Amateur Radio License Classes and the youth outreach work that we've been doing are two good examples of this. To make these efforts as successful as they can be, it's also very important to provide good opportunities for folks who are new to various aspects of Amateur Radio to learn and gain experience. This means becoming an "Elmer" or a HAM Radio mentor to people who are less experienced in some part of the hobby than you are.

Perhaps the most challenging part of Amateur Radio for many new HAMs is making the transition from getting their initial license or a license upgrade, to getting on the air with their new privileges. I think that this is equally true for newly licensed folks and for folks who have upgraded to a higher license class and are looking to get onto the HF bands. It's impossible to teach everything that one needs to get the most from their Amateur License in classes alone.

Help A Young Person Learn To Operate From Your Shack

So what does effective Elmer'ing look like? I think that the answer is different for every HAM. For a new Tech, it may be as simple as helping the person to pick their first radio and antenna along with some help getting it programmed for the local repeaters. For a person upgrading their license to gain HF privileges, it is often about helping to get a first HF antenna up along with helping them to select equipment for and assemble a first HF station. All of these folks will also benefit from help getting on the air and learning to operate. Most of all, a great Elmer is someone who is willing to give their time to help a person who is new to an aspect of Amateur Radio learn and get started doing what they want to do.

I have personally found that being an Elmer to be one of the most rewarding and enjoyable aspects of Amateur Radio. Every time that I help someone get on the air for the first time or help someone to build their first HF antenna or station, I get the same enjoyment as when I did these things for the first time in my Amateur Radio experience.

Elmer'ing is also a great opportunity for the "Elmer" to learn new things. Newer or less experienced folks will have different things that they want to try or learn about than those things that we "Elmers" consider our "tried and true" Amateur Radio activities. A great Elmer will help the less experienced HAM take on these projects and learn along with them. This gives the less experienced person the confidence and support that they need to try more difficult projects with confidence. The learning experience associated with being an Elmer has often been the best part of the experience for me.

So how does one get started with Elmering? You could open your station to newer HAMs and offer them a chance to get on the air and learn to operate. There is always someone looking to put up a new antenna or to repair an existing one. These are all great opportunities for Elmer'ing. Also, you could consider creating a presentation that you can deliver at your local radio club meetings as a way to share specialized knowledge or experience that you may have. If you are new licensed, perhaps you could help someone who is studying for their license exam with some of the areas that they are finding difficult. Also, new folks tend to have experience with computers and the Internet that many of the folks who have been in the hobby for a while can benefit from. This can be a 2-way Elmer'ing opportunity.

I hope that all of our readers will consider becoming an Elmer in some way. Your efforts to help someone new or less experienced can provide you with the satisfaction that you helped to make Amateur Radio a better hobby for everyone.

73, Allan, AB8AA

FROM OUR FIELD DAY CAPTAIN

Hello everyone,

The time of the year for field day is coming soon. Mark your calendars for the weekend of Field Day - June 24, 25, and 26. Field day starts Friday noon, June 24, for set up, it officially starts 2:00 P.M. EST Saturday, June 25. It runs in till June, 26, 2:00 P.M. EST. We are back at Elser Airport again this year. We will have testing Saturday morning at 10:00 A.M again this year. Contact Al if you're interested 330-207-3296. We will have sign-up sheets for operators at the Meetings, please sign up for Field Day.

The WRARC Officers are asking for your participation at field day. We will need people to help with setting up/keeping location clean/ greeting visitors / helping with getting dinner started and cleaning up after dinner. This year we want to concentrate on operating.

We will have a visitor's table at the entrance. Please come and help at the visitors table greeting people. There will be some changes at Field Day this year we will not provide tables and chairs for everyone to have dinner. So this means bring your own card table 'n chairs - we will have people to help you set up if you are not able. For any questions Please contact me, Steve Fabry, KC8SOY, 330-774-6346 or Chris, WF8U. Please contact Amanda, KC3GFU, with what you'll be bringing to share at our annual Field Day meal.



73 KC8SOY, Steve

Field Day is so much more than a picnic!

Editor's note: We will have a Memorial Service for John sometime during Field Day, Time to be decided later. Because John loved Field Day so much, we will be holding it in his memory this year.

From John's niece, Dianah Fabry, and I'm hoping to raise money to help my family pay for my uncle's funeral costs. https://www.gofundme.com/23fwc9dw?pc=16_fb_px&rcid=3bfd26c20bfe11e6aa3abc764e049a64



WHAT IS FIELD DAY?

ARRL Field Day 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.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

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 walkathons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, pre-planned, 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.

AMATEUR RADIO



HAM RADIO

The 2016 Field Day event location will be held at the

Youngstown Elser Metro Airport

10800 Sharrott Road North Lima, Ohio 44452

Home of "Gemco Aviation Services"

EVENT OPEN TO THE PUBLIC - VISITORS ARE WELCOME!

On the fourth full weekend of every June is when amateurs across the US, Canada, and around the globe light up the air waves for "American Radio Relay League" ARRL Field Day! During the Field Day period, thousands of amateur stations are in constant motion, making contacts, greeting guests, working with the public and media, and simply introducing the broad range of this magic we call Amateur Radio to the public. And hopefully the next generation of operators. As the largest single weekend of Amateur Radio annually in the US, Field Day has something for everyone. There are new experiences for even the veteran operator – from new digital modes to explore to new antennas and equipment to try. It's also very important to make new friends with visitors and other hams in the area. So we welcome all to our Field Day site as you may learn more about our hobby and club activities.



For any information on event or the WRARC

Field Day Chairmen Steve Fabry KC8SOY 330-774-6346 KC8SOY@yahoo.com

Field Day Co-Chairmen Chris Monske WF8U 330-507-9567 KD8ELY@gmail.com

*Please include in e-mail header "**field day info**"

Please "NO TEXTING"

www.wrarc.net www.arrl.org/field-day www.facebook.com/WesternReserveAmateurRadioClub



PLEASE DO NOT CONTACT AIRPORT FOR EVENT INFO!



The Club will be ordering (Field Day) shirts from ARRL for Field Day 2016! If you'd like to purchase one, Chris, WF8U, will have a sign up sheet and be collecting the money at the member's meetings on April 19 and May 17. If you will not be able to attend these meetings, and would like one, you can contact me or Chris at any time before the deadline. The shirts will be handed out at Field Day. If you'd like your shirt sooner, you can contact me or Chris to arrange pickup. The deadline to order is June 1. There are two colors available to choose from: brown or tan. Sizes available from small to 5X. Cost is \$15 per shirt which will cover the shirt and shipping.

73, Amanda, KC3GFU
afarone926@wrarc.net
724-730-4301
or
Chris, WF8U
kd8ely@wrarc.net
330-507-9567

Field Day Shirt Chocolate Brown (2016)
or Field Day Shirt Tan (2016)
Get out...get ON THE AIR...and leave nothing but footprints!

ARRL Field Day is June 25-26, is the most popular on-the-air event held annually in the US and Canada. This year, many groups and individual operators may combine Field Day with 2016 ARRL National Parks on the Air, setting up at national parks, historic sites, or at any of the hundreds of official National Park Service units throughout the US.

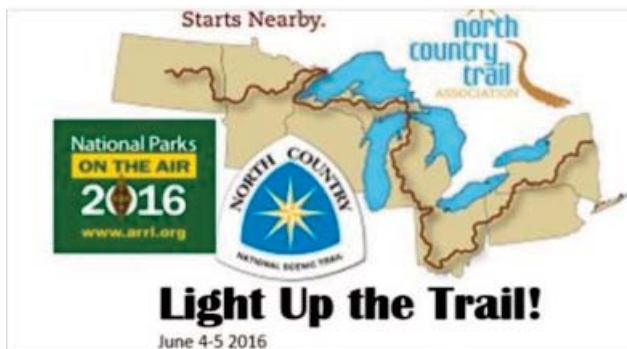
These are high quality cotton t-shirt featuring the 2016 ARRL Field Day logo silk screened on the front chest, with ARRL Field Day on the back. Color: Chocolate Brown or Color: Tan (unisex sizes). Sizes: Small - 5XL.
A stylish way to recognize your involvement in this popular, annual operating event! While supplies last.

The shirts cost \$14.95 plus Shipping through ARRL. If we order as a club we get a break on shipping if the order is over \$50. At \$15 per shirt, what a bargain!

This was discussed at the April Board meeting. A number of Board members have already ordered theirs. Our thanks to Amanda for coming up with this idea, and to Chris for his help.



LIGHT UP THE TRAIL



On the weekend of June 4 & 5 look for the Light Up The Trail Event. At nearly 4600 miles long, the North Country Scenic trail is the longest Scenic trail in the country. The trail goes from ND to NY, passing through MN, WI, MN, MI, OH, & PA. Operators are now being lined up in now in all seven states. Stations making a clean sweep (by contacting all 7 states) will be eligible for a certificate.

You can read all about it at <http://qsl.net/kd8dku/LightUptheTrail.htm>

The North Country National Scenic Trail is America's longest scenic trail at nearly 4600 miles. We are going to activate the entire trail system over the June 4-5 weekend. That is, all seven states will be active during those days. Due to vagaries of weather and other conditions, it is probable that you will have to check the skeds and the spotting websites to get them all, but we'll be on and available enough for you to score a Clean Sweep (work all seven states) and earn a nice certificate of appreciation from the North Country Trail Association.

If you are interested in becoming an activator for this event, please drop an email to John Forslin, KC8ULE kc8ule@arrrl.net and he will sign you up.

If you do Facebook, you may wish to sign up with the ARRL National Parks on the Air page to see what other people are reporting. Pictures are good -- we hams are pretty darn inventive at rigging up for portable and mobile ops!

Many people schedule their activations, although there are a lot of sudden activations that are not formally scheduled. See the activations scheduled for the next ten days.

The North Country Trail Association has a pretty powerful interactive mapping facility going. Take some time with this, learn how to zoom in and out and move around and it may help you find access points to the trail convenient to you. You are absolutely free to also be in touch with NCTA chapters along the trail. The chapters are the local units for organizing volunteers to help develop and maintain the trail system. The chapters have been notified about NPOTA and will be able to help you identify and get to good operating spots.

Activator FAQ: What are the rules? See the ARRL NPOTA info.

How much time do I have to be on the air? Whatever you can comfortably manage. Idea is to have fun at this, and not to make it a burden. We will try to coordinate your on-air time with other activators in your state to provide on-air presence.

Can I just work from my mobile? No. The NPOTA rules as set out by ARRL require that you work "on the trail" and completely disconnected from your vehicle, with some flex. For instance, if the trail runs through a developed park, or has a shelter or campsite considered part of the trail, you can use whatever amenities are there.

What bands? Whatever you can manage. Be realistic -- you are there to let yourself be worked by chasers, so try to accommodate. You, or someone in your state, should plan on putting

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LIGHT UP THE TRAIL - CONTINUED FROM PAGE 10

in some 10 meter time to let techs have a shot, too.

What modes? Whatever you can manage that you think will be fun and "chaseable." If you are a member of the Hellschreiber community, for instance, and you can stir up some interest in a "Hell Of A Sweep," then go for it. CW seems well represented. As usual, work with your state group to represent as much of the hobby as seems workable and fun.

What power? Whatever you can manage. Portable ops from deep woods locations, and many others. will be QRP just for the sake of the batteries.

How do I submit my log? The official log and the only recognized log process for earning any of the NPOTA rules is Logbook of the World (LOTW). You are free, of course, to use any other logging process in addition, but LOTW is fundamental to this business. Be sure to get the latest version of TSQL which has been modified to make this process simpler. Rookie to LOTW? It's not as daunting as it first seems (I can report!) and they have improved the process and turnaround times since the Old Days. Get started with LOTW.

Is this a contest? No! It is not a contest. Two footnotes to that. First, since it is not a contest, you can use the WARC bands, especially when the bands are cluttered with actual contests. Second, you can take time during a contact to mention something interesting about the park (or trail!) you are activating. We are doing this to help out the National Parks, after all, no matter how much fun we are having otherwise! Check out the NCTA clicks above to learn more about the trail!

National Parks on the Air Statistics <<https://npota.arrl.org/nps-stats.php>>

A word of Warning - But remember that the North country Scenic trail may ONLY be activated if the operating location is reached under human power. Here is an excerpt of the NPOTA rules which covers this (Rule 13j):

In the spirit of the event, operating sites on National Scenic Trails should be reached under human power. Operations from National Scenic Trails should be conducted as close to the trail as possible, no further away than 50 yards from the trail itself. Operators should use discretion when choosing their operating location to maximize safety and to limit inconvenience to other trail hikers. Operating from a vehicle, or having any portion of your station attached or connected to your vehicle, is not allowed.



While we are on the subject of the North country trail, Anyone planning to activate TR04 in Columbiana county should notify the Columbiana County Park District. This applies only to those sections of the trail administered by the park district; not the sections that are on public roads. You can call Marie at 330-424-9078. Marie is the lady in charge.



Product Recalls: <http://www.emergencyemail.org/recalls/>

THANK YOU VIA EMAIL -

Hi Bob-

It was a pleasure to meet with you and members of the Western Reserve Amateur Radio Club to discuss our upcoming walk. We look forward to having your services at our event. Attached please find a thank you letter to share with your club. Again...thank you and see you April 30th!

Jennifer Roberts
Grant Writer & Special Events Coordinator
Easter Seals and Youngstown Hearing & Speech
330-599-5515

Easter Seals annual 5K Walk/Run To...€ Make the First Five Count€ will take place Saturday April 30th at Lariccia Family Community Center. Join us as we raise awareness of the importance of the first five years of a child's life. Register today at www.mtc.easterseals.com. FREE T-shirt to the first 150 participants!



*Helping people with disabilities
gain greater independence.*

***Easter Seals of Mahoning, Trumbull and Columbiana
Counties and Youngstown Hearing & Speech***

J. Ford Crandall Rehabilitation Center
299 Edwards Street
Youngstown, Ohio 44502
330.743.1168 phone
330.743.1616 fax

Boardman Easter Seals
721 Boardman-Poland Road
Boardman, Ohio 44512
330.758.5503 phone
330.758.5543 fax

Youngstown Hearing & Speech
6614 Southern Boulevard
Boardman, Ohio 44512
330.726.8855 phone
330.726.9182 fax

April 22, 2016

Western Reserve Amateur Radio Club
Mr. Robert Mitzel

Dear Bob,

On behalf of the board and staff of Easter Seals and Youngstown Hearing & Speech, I would like to thank the Western Reserve Amateur Radio Club for supporting our annual 5K Walk/Run to...."Make the First Five Count" with a \$50 donation and for volunteering your time and talent the day of the event. We are hoping for beautiful weather the day of the event, and look forward to having your group join us on April 30, 2016.

We truly appreciate your support of our mission to educate our community on the importance of the first five years of a child's life. If you have any questions or comments, please feel free to reach me at 330-599-5515 or via email at jroberts@mtc.easterseals.com.

Sincerely,

Jennifer Roberts
Grant Writer & Special Events Coordinator

SBE URGES FCC TO IMPROVE MEDIUM-WAVE NOISE ENVIRONMENT

03/22/2016 - The Society of Broadcast Engineers (SBE) has told the FCC that the regulatory agency needs to take another tack in its efforts to tackle AM revitalization. If the FCC takes the SBE's advice, the result could be less noise in the MF and HF Amateur Radio bands. In comments the SBE filed in response to an FCC Further Notice of Proposed Rulemaking and Notice of Inquiry (MB 13-249) proposing ways to enhance the viability of the AM broadcast service, the SBE said the Commission must "commit to a regulatory plan which, over time, will reduce the levels of man-made noise in the MF bands, and more broadly in the bands below 30 MHz." In comments it filed earlier in the proceeding, the SBE pointed out that "AM radio in particular is susceptible to interference from electronic devices of all types," and that ambient noise on the AM band is only bound to get worse with further proliferation of noise-generating electronic devices, including certain lighting devices regulated under FCC Part 15 and Part 18 rules.

Society of Broadcast Engineers

The Association for Broadcast and
Multimedia Technology Professionals

"[T]he only source of regulatory reform that has a meaningful chance to positively affect the noise floor over time are regulations that create obligations on manufacturers and importers and dealers, prior to the point that the consumer or user of the device or system comes into possession of it, and before it is deployed," the SBE said. The SBE said that while the FCC has strongly supported unlicensed low-power RF devices over the years, it "apparently does not have a clear understanding of the aggregate effects" of these devices on the MF noise environment. In addition, the power grid has expanded, imposing its own family of electrical noises on the radio spectrum.

"Much unintentional interference is local in nature, but the cumulative impact can be extensive," the SBE told the FCC. "In the case of power line interference, the impact is extreme on automobile radios, whose travel path often parallels electric distribution and transmission lines." The SBE referenced a consulting engineering firm's investigation showing that the signal of one 50 kW station was unlistenable just 4 miles from the transmitter on a car radio.

"The Commission does not now have, and has never had, a complete understanding of ambient RF noise levels and trends over time," the SBE said. "Furthermore, the Commission has uneven regulations and policies governing noise-generating intentional, incidental, and unintentional radiators; and its enforcement efforts in this context have been, and are, both impractical and insufficient."

The SBE urged the FCC to better enforce some existing regulations and develop new ones to address ambient noise in the existing AM band. "It is obvious that any interference management plan...has to be based on rules which limit RF noise before it becomes an issue, not post hoc, and those rules have to be enforced," the SBE said.

As a start, the SBE suggested, the FCC might consider establishing limits on the amount of noise that Part 15 unintentional radiators, such as plasma televisions, can radiate directly. Only conducted emission limits now exist. The SBE also cited "substantial numbers" of harmful interference complaints from Amateur Radio stations, stemming from various lighting devices. Some big box stores, the SBE pointed out, have been selling commercial lighting ballasts to residential consumers. The FCC also should "substantially increase" its enforcement in power line interference cases.

"There are literally dozens of complaints from Amateur Radio operators of severe interference from power line noise annually," the SBE said. "Power line radiation in the HF and MF amateur allocations will, in most cases, directly translate to preclusive noise in the AM broadcast band."

<http://www.arrl.org/news/sbe-urges-fcc-to-improve-medium-wave-noise-environment>

No trees were killed to bring you this NewsLetter,
but millions of electrons were terribly inconvenienced.

THE RIGHT WAY TO RESPOND TO A CRISIS

Organizations around the world are faced with challenging crises daily. At some point, no matter how small, your organization will face a crisis. Whether you help create it or it's simply out of your control won't matter to the public. What will matter is how your organization responds to the situation.

Your organization's crisis communication plan should outline the necessary steps to take when a crisis occurs. But, if your organization is still building its plan or doesn't have one yet, we've outlined the basics of how to effectively respond to a crisis.

Gather information first, communicate second

Amid a crisis, people typically think releasing a statement instantly is the way to go. Communication to the public should be done in a timely manner, but not before you have gathered all the facts and understand the issue to the best of your ability. This is an important first step because it gives you time to craft an accurate statement rather than running the risk of retracting an inaccurate statement later on.

Stick to need-to-know details only

When you're ready to release an official statement, think about what the public needs to know. There shouldn't be any secrets kept from the public during a crisis, but avoid releasing an abundance of unnecessary details that could overcomplicate or confuse the issue. Provide just enough information to responsibly inform the public on the situation and how your organization is handling it.

Become the trusted voice

During a crisis, being a credible source to the public can be difficult, especially when some people will assume you're "spinning" your story. The best way to combat this assumption is to be completely honest – even if the truth is hard to swallow. If you don't know the answer to questions thrown at you by the media, say so. Then explain how you plan on finding the answers.

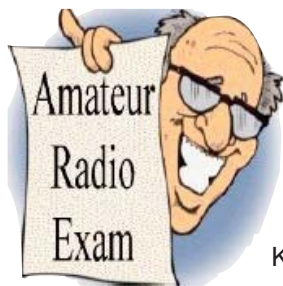
When a crisis strikes, your organization gets one opportunity to make it right. That's why it's so important to take the time and do the work to effectively respond to a crisis. In the end, it won't matter what happened as much as how you handled the situation and fixed the problem. Rely on your PR agency or in-house PR department to properly guide company leadership when a crisis occurs.



73, Sean Kutzko, KX9X
Media and Public Relations Manager

**Remember, without training you are not a part of the solution, you are part of the problem. -
David Maynard, WA3EZN - STM
SECTION TRAFFIC MANAGER**

APRIL TEST SESSION



We had six people testing for either an upgrade, or for their first license. Of these six, four were able to get the license they were testing for. We now have three new Technicians; Lindsay Bailey, KC3GZG; Aaron Phillips, KE8DYB; and Roman Tretiak, KE8DYC. One new Extra - Terri Mitzel, N1TAM. Congratulations to all of you.

Those VEs who helped AI, AB8AA the contact VE were: Jane, K8JAA; Dave, KC8WY; Roy, KD8IJF; and Dave, KD8NZF.

One person who came out for the test needed to be tested by alone. We were easily able to accommodate this person. Thanks to all who came out to help or just came to give moral support to family members.

73, K8JAA

ARRL TELLS FCC TO RESTORE BALANCE OF MODES ON 80 AND 75 METERS

ARRL Bulletin 13 ARLB013

From ARRL Headquarters To all radio amateurs

In comments filed on March 23 on its Petition for Rule Making (RM 11759) seeking changes to 80 and 75 meters, the ARRL has told the FCC that its primary objective is to "rebalance" the bands by correcting a 10-year old FCC error.

"ARRL's proposal is not fairly viewed as a proposal to take anything away from anyone," the League's comments assured. "It is more properly viewed as the effectuation of a fair, equitable, and efficient 'band plan' looking forward for the foreseeable future that balances everyone's needs, and which remedies a plainly unfair plan, imprudently created in the 2006 Report and Order in WT Docket 04-140." The Report and Order can be found on the web at, <http://apps.fcc.gov/ecfs/comment/view?id=5513680269>.

Prompting the League's assurances were comments filed on the ARRL's Petition by a number of Amateur Extra class licensees, who felt that refarming 3600 to 3650 kHz for data modes could prove to be a disincentive to General licensees to upgrade. Others commenters saw it as an unfair spectrum grab. The ARRL noted that prior to 2006,

the band was evenly divided between RTTY/data and phone/image subbands, with the RTTY/data subband extending from 3500 to 3750 kHz, and the phone/image subband extending from 3750 to 4000 kHz.

The 2006 FCC Report and Order "substantially altered" what the League called "this even division of emission types." In outlining the history of the proceeding, the ARRL pointed out that the FCC's Notice of Proposed Rule-making in Docket 01-140 would have shifted the line between the 80 meter RTTY/data subband and the 75 meter

phone/image subband from 3750 kHz to 3725 kHz, pursuant to a 2002 ARRL Petition for Rule Making, RM-10413. This would change the ratio of spectrum between phone/image and RTTY/data segments on 75/80 meters from 50/50 to 55/45, and it is what the FCC proposed in its NPRM.

In its Report and Order in Docket 04-140, however, the FCC made "a very substantial and unjustifiable departure" from what it had proposed in its NPRM, the ARRL recounted. The Commission expanded the phone/image subband at 75 meters to 3600-4000 kHz, and it reduced the 80 meter RTTY/data subband to 3500-3600 kHz, eliminating RTTY operation above 3600 kHz and changing "the entire dynamic of this band," the League said.

The FCC had said in its proposal that no licensees would lose operating privileges. Nonetheless, the FCC's phone band expansion reduced by 100 kHz the spectrum between 3500 and 4000 kHz that was previously available to General class licensees, while Advanced licensees lost 75 kHz. In an apparent FCC oversight, the Report and

Order completely eliminated access by automatically controlled digital stations (ACDS) to 3620 to 3635 kHz. A subsequent FCC Report and order and Order on Reconsideration only made the situation worse by replacing the deleted ACDS segment with 3585-3600 kHz.

"It resulted in a sudden and severe dislocation of traffic-handling nets using telegraphy, without advance planning or notice," the ARRL said. "It disaccommodated net participants with General and Advanced class licenses; and it worsened the effect of the overexpansion of the 75 meter phone/image subband."

The result, the ARRL noted, has been "a shortfall in available RTTY/data spectrum on 80 meters" that has created a significant obstacle to narrowband digital data communications and experimentation. The League said its current Petition "simply restores that which was disrupted in 2006 in error."

In its comments, the League conceded that compromises are inevitable in managing a heavily used band like 75/80 meters, no matter the band planning approach. "Looking forward, it is necessary, in order to encourage experimentation with and expand the use of digital communication techniques, to rebalance the 75 and 80 meter subbands," the ARRL concluded.

NNNN

/EX



BRAZIL EASES AUTHORIZATION FOR RADIO AMATEURS ATTENDING THE 2016 SUMMER OLYMPICS

Special Bulletin 2 ARLX002 From ARRL Headquarters Newington CT April 19, 2016


To all radio amateurs:

IARU Region 2 News Editor Joaquin Solana, XE1R, reports that radio amateurs hoping to operate in Brazil during the 2016 Olympic Games in Rio this summer are in luck and will be able to be on air without bureaucracy.

During August and September any foreign radio amateur will be able to operate in Brazil, whether or not a reciprocal agreement between the respective countries exists. No IARP or CEPT license is necessary, and no fees are required. The Brazilian Amateur Radio League LABRE has obtained permission from ANATEL, the Brazilian telecommunications regulator, to handle authorizations. Amateurs who want to operate in Brazil should send LABRE:

- * A copy of a valid passport (identification pages)
- * A copy of the applicant's Amateur Radio license
- * A list of cities in which the radio amateur plans to operate and the respective date
- * An e-mail address Send scanned documents to LABRE via e-mail at, executiva@labre.org.

SWAP 'N SHOP

	Kachina 505DSP In great shape, original DSP radio,	\$400
	Kenwood TS-830S, HF, Has been refurbished and looks like new	\$400
	Kenwood TS-811A, 440 Mhz All Mode, looks good Original manual	\$250
	Kenwood TS-711A, 2 Mtr All Mode, looks good In original box	
	with mike and manual	\$300
	Kenwood SP430 Spkr,	\$40
	Yaesu FT-757-GXII, in good condition with mike	\$300
	Gwinstek Function Generator,	\$ 25
	Gwinstek Digital Multimeter,	\$ 25
	Albia Power Supply Dual Variable +15 & -15,	\$ 25
	EZ Oscilloscope 60MhZ Dual Channel,	\$ 50
	Mosley CL-33-M 10, 15, 20 MTR BEAM antenna,	\$200
	Nye Viking, MBI-001 Tuner,	\$100
	Vibroplex Bug,	\$ 50
	Sencore TF151, Transistor tester	\$ 25
	Shure model PE515, Microphone	\$ 25
	Shure model 444D, Microphone	\$ 25
	HEIL HTH, Handie talkie headset for Kenwood HT's	\$ 25
	AEA model QT-1, Antenna tuner	\$ 25
	Heathkit model HD-1481, Remote Coax Switch	\$ 25
Misc tower parts, lots contact me if interested. Will accept reasonable offers.		

Allan Avnet, AB8AA EMail ab8aa@arrl.net "www.ab8aa.com "
call or text 330-207-3296



BIRTHDAYS THIS MONTH

K2GRG
KD8JMO
KD8IJF

Greg Jackson
Roy Dyckman
Wm Roy Haren



WHY YOU SHOULD GET YOUR EXTRA CLASS LICENSE

The Amateur Extra Class license is the highest class of license in the United States, and perhaps the world. Many hams (even hams that live outside the U.S.) aspire to pass the test and be awarded one.

There wasn't always an Amateur Extra Class license. The Extra class license, as we know it today, was created as part of the 1951 license restructuring, that also created the Novice and Technician Class licenses. (In 1951, the Novice license was the "beginner's license." To get a Technician Class license, you had to pass the written test that General Class operators had to pass.)

Although it gave an operator no additional privileges, to get an Extra Class license, one had to:

- * Pass a 20 wpm code test (Generals had to pass only a 13 wpm code test).
- * Pass a longer and more difficult written examination than the General Class exam.
- * Have at least two years of experience as a licensed radio amateur.

Today, without the code test and the experience requirement, many hams upgrade to Extra Class as soon as they can. Some even pass the Technician Class, General Class, and the Amateur Extra Class exams in a single test session.

So, what's the attraction? Why should you upgrade to Extra?

One of the reasons that you should upgrade to Extra is that you get use of the entire 80m, 40m, 20m, and 15m bands. Portions of those bands, such as 3.6 ? 3.7 MHz in the 75m band and 14.150 ? 14 14.175 Mhz in the 20m phone band, are reserved exclusively for Extra Class licensees. Extra Class operators also have exclusive privileges in the CW portions of the 80m, 40m, 20m, and 15m bands. These are the frequencies where the DX stations hang out.

Another reason to get your Extra Class license is that only Extra Class licensees can administer General Class and Extra Class license exams. General Class operators can become Volunteer Examiners (VEs), but they are only allowed to administer Technician Class exams.

Another reason you might want to get an Extra Class license is to get a fancy vanity callsign. Only Extra Class operators can apply for 1×2 or 2×1 callsigns, such as W8RP or KT8K. A short, snappy callsign can help you work more DX or improve your contest scores.

Whatever your reason, studying for the Extra Class exam will open your eyes to many aspects of the hobby that you may not be familiar with. And, as you work your way through the material, you'll learn things that make you a better amateur radio operator and enable you to enjoy the hobby more. It's not easy, but in the end, an Extra Class license will help you have more fun with amateur radio.

By Dan Romanchik, KB6NU

Dan, KB6NU is the author of the "No Nonsense" line of amateur radio license study guides, a prolific blogger (www.kb6nu.com), and an active CW operator in the Extra Class portion of the HF bands. If you have any comments, questions, compliments, or complaints, email him at cwgeek@kb6nu.com.

From my emails, K8JAA - **PLEASE READ. IMPORTANT**

Kids are putting Drano, tin foil, and a little water in plastic drink bottles and capping it up - leaving it on lawns, in mail boxes, in gardens, on driveways etc. just waiting for you to pick it up intending to put it in the rubbish, but you'll never make it!!! If the bottle is picked up, and the bottle is shaken even just a little - in about 30 seconds or less it builds up enough gas which then explodes with enough force to remove some your extremities. The liquid that comes out is boiling hot as well. Don't pick up any plastic bottles that may be lying in your yards or in the gutter, etc. Pay attention to this. A plastic bottle with a cap. A little Drano. A little water. A small piece of foil. Disturb it by moving it; and BOOM!! No fingers left and other serious effects to your face, eyes, etc. Please ensure that everyone that may not have email access are also informed of this. Share this with everyone you know

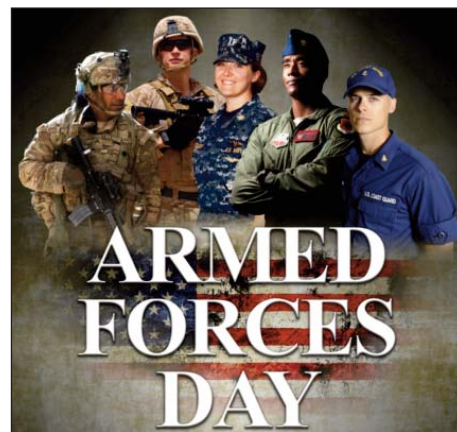
<http://www.snopes.com/crime/warnings/bottlebomb.asp>

ANNUAL ARMED FORCES DAY CROSS-BAND COMMUNICATIONS TEST SET FOR MAY 14

04/21/2016 - The US Army, Air Force, Navy and Coast Guard will cosponsor the Armed Forces Day Military/Amateur Radio Cross-Band Communications Test on Saturday, May 14, 2016. The event gets under way at 1200 UTC, with activity continuing throughout the day. Some military stations may not operate for the entire period.

“New for Armed Forces Day this year, military stations and Amateur Radio operators are authorized to directly communicate on the 60 meter interoperability channels,” US Army MARS Program Manager Paul English, WD8DBY, pointed out.

This year marks the 66th Armed Forces Day (AFD) observance, a week later than the radio event. Armed Forces Day is observed this year on May 21, but the Military/Amateur Radio Cross-Band Communications Test is held earlier in order to avoid conflicting with Dayton Hamvention®.



The annual communications exercise is an opportunity to test two-way communication between amateur and military communicators and features traditional military-to-amateur cross-band SSB and CW communication and offers an opportunity for radio amateurs to utilize modern military communications modes such as MIL-STD serial PSK and automatic link establishment (ALE). These tests give Amateur Radio operators and shortwave listeners (SWLs) a chance and a challenge to demonstrate individual technical skills, and to receive recognition from military radio stations. QSL cards will be provided to stations that contact military stations during this event. The complete announcement of stations, times, and frequencies— subject to change — is available on the US Army MARS website.

Participating military stations will transmit on selected military frequencies and listen for Amateur Radio stations on selected amateur frequencies, which the military station operator will announce. Contacts should be limited to a minute or two, so all participants get a chance. Some stations will operate on Military Auxiliary Radio System (MARS) frequencies; others will use CW.

Amateur Stations with automatic link establishment (ALE) capability can contact military stations on specific half-duplex cross-band channels established for this purpose. Military stations will scan and receive certain Amateur HFLINK ALE frequencies, and transmit on the corresponding military ALE frequency. Military stations will also transmit ALE station identification (soundings) on each military frequency at 30 to 90-minute intervals.

The traditional Secretary of Defense message will be transmitted via Military Standard radio teletype modes, described in MIL-STD 188-110A/B. Reception of serial PSK will provide a technical challenge to amateur stations to receive the broadcasts using a high symbol rate serial PSK waveform not utilized in Amateur Radio, but found in all modern military equipment. See the complete schedule for details. Additional transmissions will use wide-shift FSK (RTTY), as this mode represents a baseline in interoperability common in all radio services. Most RTTY programs can be set to decode this mode. To accommodate amateurs some stations will transmit the Secretary of Defense message using common ham radio modes such as RTTY, PACTOR, AMTOR, PSK31, MFSK and MT63.

Transcripts of the received text should be submitted “as received,” without attempting to correct possible transmission errors. Provide time, frequency and call sign of the military station copied, including the submitter’s name, call sign, and address (with ZIP code). This information should appear on the paper containing the test message.

Stations copying the Secretary of Defense message from Army and Navy stations should send their entries to Armed Forces Day Celebration, Commander Netcom, ATTN: NETC-ITSMD, Bldg 90549 Jim Ave, Fort Huachuca, AZ 85613-7070.

Stations copying Secretary of Defense message from Air Force stations, should send entries to Armed Forces Day Celebration, 38CYRS/Chief AF MARS, 203W Losey St, Room 1200, Scott AFB, IL 62225.



ARE YOU READY?

Spring time means we could have foul weather - now is the time to ensure you are ready:

FEMA Bulletin: Learn to Protect Yourself in a Tornado Situation

Plan ahead! Your primary goal is to go to the safest place for protection before the tornado approaches and take additional measures for personal cover. If a tornado warning is issued, immediately move to the best available protection.



Having advance notice that a tornado is approaching your area can give you the critical time needed to move to a place with better protection. The best protection in all tornadoes is to seek shelter in a structure built to FEMA safe room or International Code 500 storm shelter standards.

If you're unable to get to a safe room during a tornado, move to an interior windowless room on the lowest level of a building, preferably the basement. Take personal cover under sturdy furniture such as a table. Cover your head and neck with your arms and place a blanket or coat over your body.

The America's PrepareAthon! How to Prepare for a Tornado guide provides preparedness tips if you live, work, or travel through an area that is susceptible to tornadoes:

- Know how to stay informed, including monitoring weather reports provided by your local media;
- Consider buying a National Oceanic Atmospheric Administration Weather Radio All Hazards receiver, which receives broadcast alerts directly from the National Weather Service and offers warnings, watches, forecasts, and other hazard information 24 hours a day, 7 days a week;
- Download the FEMA mobile application for disaster resources, weather alerts, and safety tips;
- Know where you would go to have the best level of protection from a tornado for every place you spend a lot of time, such as home, work, school, or place of worship;
- Practice how you will communicate with your family members in case you're not together during a tornado; complete the Family Emergency Communication Plan;
- Store at least a 3-day supply of food, water, medications, and items you may need after the tornado passes; and
- Store the important documents on a USB flash drive or in a waterproof container that you will need to start your recovery.

Some locations don't provide protection from tornadoes, including: manufactured (mobile) homes/offices, the open space of open-plan buildings (e.g., malls, big retail stores, and gymnasiums), vehicles, and the outdoors. An alternative shelter should be identified prior to a tornado watch or warning.

You can find additional resources online, including a tornado checklist that provides guidance on what steps to take before and after a tornado. -- FEMA

<http://www.fema.gov/txt/areyouready/areyouready.txt>
<https://www.ready.gov/are-you-ready-guide>

WHAT DO I HEAR ON SHORTWAVE HAM RADIO?

NW7US Vlog 20 April 2015

Brief Introduction to Shortwave Ham Radio by NW7US, Tomas Hood

I made a video in which I talk about what we ham radio operators hear on the HF part of ham radio. Just a simple introduction in a laid-back conversational style. I posted it on Reddit, and hope it gets some up-votes, so that potential new hams or VHF-only hams might venture into the world of HF.

In this video, I briefly introduce some of the type of signals I hear on my high-frequency (shortwave) amateur radio. Some of them are voice transmissions, and some are data. This video is simply the initial teaser for many videos to come.

<https://www.youtube.com/watch?v=pIVesUzNP2U>

THE AFFILIATED CLUBS COORDINATOR

John Myers, KD8MQ - ACC
kd8mq1@gmail.com

Hi everyone,

This might be my last column before the Dayton Hamvention. It's going to be a fun time. Hopefully I'll get to meet some of you at the Hamvention.

Hamvention - If you get a chance, stop by the Wright Bros. Bicycle shop on S. Williams St, and say hi? So, you may be asking "What does the Wright Bros. Bicycle have to do with the Hamvention"? well, scroll down to the NPOTA News column, and you'll see.

So, now that the plug for Dayton On The Air is out of the way, what are your plans? Are you going to Dayton? Whether you are doing a single, or multi-day trip, don't forget to take in the ARRL Expo. As usual, you'll see pretty much every ARRL department represented. While there, you'll find the ARRL Ohio Section booth. We keep it staffed continually with members of the Ohio Field organization.

Jackson & Athens Hamfests - Again this year, my camping season kicks off in April with a trip to Lake Hope. This gets me close enough to work the ARRL table at the Jackson, and Athens Hamfests. If you make it to those hamfests, make sure to stop by and say Hi. Jackson is on April 23rd, and Athens the day after.

NVIS Antenna Test - Are you participating in the NVIS Antenna Test? If not, there's still plenty of time to put together a club operation. Don't forget that most crucial piece of gear for any club get-together; the grill! cookouts have been shown to greatly increase the fun level of any outdoor Ham Radio event. That's why we got into this hobby, right?

Internet sources indicate that the efficiency of any NVIS antenna increases by 1000% when combined with food & friends. They couldn't put it on the internet if it wasn't true, so get some fellow hams together, and plan for a great day of Ham radio on the 23rd. More information will probably be in Stan Broadway's column in this issue. If not, you can definitely read about it at <http://arri-ohio.org/SEC/>.

One club who I've heard from recently is the Tusco ARC, in Tuscarawas County. Their Activities Manager, Jeff, KE8BKP approached the local scout camp about operating on their grounds. On NVIS Antenna Day, they will also be sharing Amateur Radio with the scouts, while activating the North Country Scenic Trail (TR04). Talk about multi-tasking!

Special Service Clubs - Last year at this time, we had 12 Special Service Clubs in the Ohio Section. Today, we have 26. Thanks to all of you who have taken that extra step, and become SSCs.

Annual report - What ACC column would be complete without me nagging you about getting those annual reports updated? These need to be done at least once yearly. You can even do them online via the league website. If you need help, or have questions, don't hesitate to contact me. E-mail is best for me (kd8mq1@gmail.com). I also do text, or voice (330-936-5021). I'm on Facebook, as well, so I do answer PMs. So, that's it for this month. I'll say 73, hope everyone has a great month. DE John, KD8MQ

That's it for another month.

73, DE KD8MQ

NATIONAL PARKS ON THE AIR

Hello again, this is it; the final NPOTA column before the Dayton On The Air Event. We have a few things to cover in this month's issue of NPOTA News, so I'll get right to it.

Dayton On The Air - As reported previously, the ARRL has asked the ARRL Ohio Section to activate the Dayton Aviation Heritage Site (HP11) during the Hamvention. We need some help.

Continued page 21

JOHN MYERS - CONTINUED FROM PAGE 20

There are two ways you can help. First, if you'll be in town for the Hamvention, stop by at the Wright-Dunbar Interpretive Center, 16 S. Williams St., Dayton. We'll have two stations on the air. You can activate HP11 under your call, and still have time to enjoy the other Hamvention activities. It only takes 10 contacts to qualify as a legal activation. We'll let you make your 10 contacts; more if there are not a lot of operators waiting for the rigs. We'll have laptops available for logging. Bring a thumb drive, or we'll e-mail your ADI file to you.

Second, and this is the biggie! I need volunteers to be available during the operation to both supervise the station, and talk to visitors about Amateur Radio. Like you, I'm in Dayton for the Hamvention. I'd like to line up enough people that we can all make it to the Hamvention. If you are willing to donate some time during Hamvention, please drop me a line (kd8mq@arrl.net), or call (330-936-5021). Iâ€™ve had a few volunteers contact me already, but I can use a few more.

Light Up The Trail In June, a group of Hams is planning to â€œLight Upâ€ the North Country Scenic Trail (TR04). This â€œevent within an eventâ€ will take place on the weekend of June 4/5. Their goal is to have stations on the air from each of the seven states that the trail crosses. Those states are ND, MN, WI, MI, OH, PA, & NY. At nearly 4600 Miles long, TR04 is the longest Scenic trail in the country. In comparison, the Appalachian Trail is around 2181 miles long. You can read more about this event on their website at <http://qsl.net/kd8dku/LightUptheTrail.htm>

One of the Activators, KD8BBK, has already spent some "trail time," and posted a video to You Tube. You can view it at <https://youtu.be/3eYIDJQ87xU>.

TR04 Notes In â€œreading the mailâ€ on the Light Up The Trail list, some advice was posted from Mark weaver, the Superintendent of the North country scenic trail. I'm reprinting it here:

Regarding the National Parks on the Air event in Michigan, please review the following information from Mark Weaver, Superintendent of the North Country Trail.

Mark offers insights, assistance, and advice concerning amateur radio NPOTA activation at the various National Park locations in Michigan. He has graciously made himself available for questions and concerns regarding activations of said locations.

Mister Weaver's comments:

- The National Park Service/North Country Trail does not "own/manage" land thru which the trail passes. We are a partnership of various public and private landowners, with each relationship often being quite different. Most authority lies with the property owner.
- * Regardless of where activations are planned to occur it is imperative to make contact and receive permission to activate from the "landowner".
- * For Federally owned lands, there is a list of contact information on the Trail website: <https://www.nps.gov/noco/learn/management/trail-partner-organizations.htm>
- * For other public lands- state, local, etc, we do not have a list- it would be prohibitively overwhelming to collect it. If you Google the name of the public land unit you should be able to locate a number to call.
- * For private lands, we don't recommend that activations occur on private lands. If for some reason it is important, please contact me directly and I'll connect you with the North Country Trail Association state trail coordinator who MAY be able to help.
- * When contacting public land managers seeking permission to have activation, ask to speak with their special events person. Be sure to indicate that your actions are in direct support of their partner National Park Service's 100th birthday. And if there is uncertainty expressed by your contact, ask them to give me a call.
- * Don't do an activation without hardcopy permission in hand.
- * Contact me with questions.
- * MARK WEAVER, Superintendent
North Country National Scenic Trail
PO Box 288
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SOME ODDS & ENDS

Letter to be transmitted	code word to be used	Spoken as
A	Alfa	AL FAH
B	Bravo	BRAH VOH
C	Charlie	CHAR LEE or SHAR LEE
D	Delta	DELL TAH
E	Echo	ECK OH
F	Foxtrot	FOKS TROT
G	Golf	GOLF
H	Hotel	HOH TELL
I	India	IN DEE AH
J	Juliett	JEW LEE ETT
K	Kilo	KEY LOH
L	Lima	LEE MAH
M	Mike	MIKE
N	November	NO VEM BER
O	Oscar	OSS CAH
P	Papa	PAH PAH
Q	Quebec	KEHBECK
R	Romeo	ROW ME OH
S	Sierra	SEE AIR RAH
T	Tango	TANG GO
U	Uniform	YOU NEE FORM
V	Victor	VIK TAH
W	Whiskey	WISS KEY
X	X-ray	ECKS RAY
Y	Yankee	YANG KEY
Z	Zulu	ZOO LOO

A very interesting piece of history that we had forgotten about.
<http://www.whitehousemuseum.org/special/renovation-1948.htm>

<http://iq.intel.com/how-hedy-lamarr-invented-early-wireless-technology/>

Effectively highlights Amateur Radio's preparedness. Great quotes from Michael, KI1U, from CT and Reid, N1VCU, from VA.
<http://www.theatlantic.com/technology/archive/2016/03/ham-radio-disaster-preparedness/473598/>

As I Mature



I've learned that you cannot make someone love you. All you can do is stalk them and hope they panic and give in.

I've learned that no matter how much I care, some people are just assholes.

I've learned that it takes years to build up trust, and it only takes suspicion, not proof, to destroy it.

I've learned that you can get by on charm for about fifteen minutes. After that, you'd better have a big willy or huge boobs.

I've learned that you shouldn't compare yourself to others - they are more screwed up than you think.

I've learned that you can keep vomiting long after you think you're finished.

I've learned that we are responsible for what we do, unless we are celebrities.

I've learned that regardless of how hot and steamy a relationship is at first, the passion fades, and there had better be a lot of money to take its place!

I've learned that 99% of the time when something isn't working in your house, one of your kids did it

I've learned that the people you care most about in life are taken from you too soon and all the less important ones just never go away.

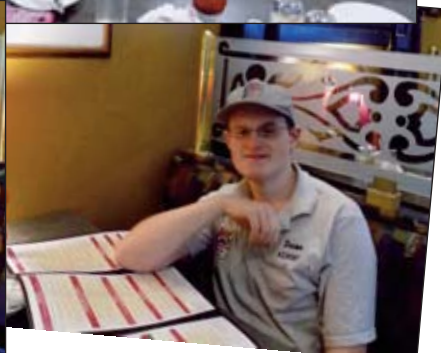
Pass this along to 5 friends...trust me, they'll appreciate it. Who knows, maybe Something good will happen.



If not...tough shit.

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!!



May 2016

PREPAREDNESS LEADS TO READINESS - MATT W8DEC



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 Skywarn Net 8:30 P.M. 146.745	5 	6 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	7
8 Mother's Day 	9 ARES Net 8:30 PM Lost Sock Memorial Day 	10 Ham Breakfast Eat'n Park Boardman 8:30 A.M. Board Meeting Eat'n Park Boardman 7:00 P.M.	11	12	13 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	14 Armed Forces Day Road Clean up
15	16	17 WRARC Meeting 7:00 P.M.	18	19	20 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	21
22	23 ARES Net 8:30 PM 146.745 PL 110.9	24 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast	25  WaveBender Articles Due	26	27 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	28
29	30 	31			WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	