



The Wave Bender

December 2016

Ohio
Section

WRARC PREZ SEZ

Well we are now in the Month of December, and a busy fall season is winding down. I hope everyone had a Happy Thanksgiving. As with most of the year, we had two more members join our club this past Month. I am happy to see the steady growth and interest.

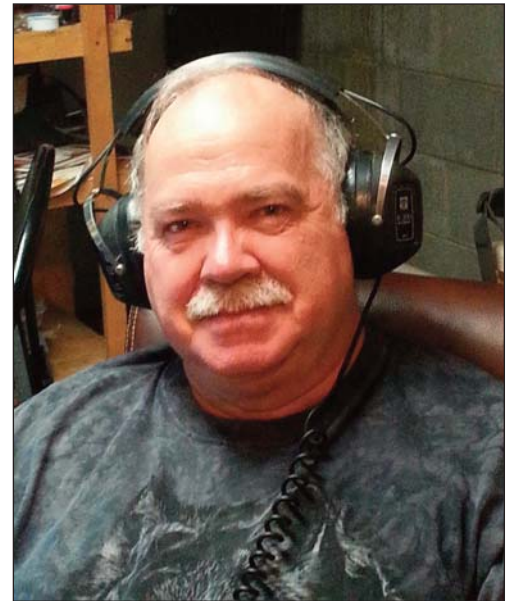
I have held office for almost a full year now, and for the most part I think we have done well as a club. I have learned many things throughout this past year, and hope I have done a fair job representing the members. I have not heard any complaints so I will assume that I have.

I am always open to suggestions and ideas from the members and have tried to actively solicit them, but very rarely get any. Some of the changes that were made to the club in the last year were as a direct result of members suggestions, so don't ever be afraid to make a suggestion.

I have noticed that attendance at the last couple of meetings has been lower than normal and I think the weather has played a part, but I want to remind all the members that this is your club, and the more that you participate, the more we all will get out of it.

It has also been brought to my attention that our Friday Night Net numbers have been dropping. The last few nets, again, this net is the voice for our club and our members. I hope to see participation pick up here shortly. Once again, if there is something you would like to have added to the net, feel free to jump in and say something.

I am going to keep my article short this month, looking forward to seeing you at the next meeting, and hearing you on the Net.



73 Bob,N8RCM



Merry Christmas...

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
 Maureen Stein, KD8NXS kd8nxs@wrarc.net

Publicity: Joe Wojtowicz, W0JO w0jo@wrarc.net

Nets: Steve Fabry, KC8SOY kc8soy@wrarc.net

Nominating Charman
 Classes/Testing: Al Avnet ab8aa@wrarc.net

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

Historian: Terri Mitzel, N1TAM n1tam@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:

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

Members Meeting:

December 21, Davidsons
 3636 Canfield Rd., Cornersburgh

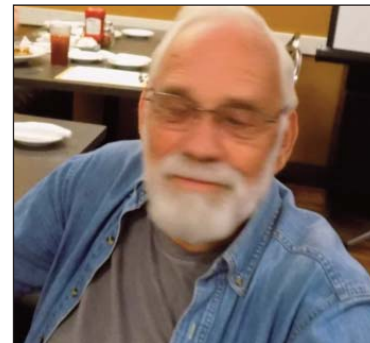
Speaker:
Topic:



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

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

NEW TRUSTEE FOR 2017



Elections were Held at the November meeting. Roy Haren, KD8IJF, was elected to serve as our new 3-year trustee. Congratulations Roy!

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>>

Ohio Single Sideband Net
 <<http://www.ossbn.org/index.html>>

FROM OUR VP

The Mahoning County Amateur Radio Emergency Services (ARES) has requested our club's assistance again for the annual City of Youngstown, Ohio Christmas Parade. Over the last couple of years, we've had very good participation in this annual event from our membership. This year's event will be on Friday, December 2nd. They will be meeting at 4:30pm EST in the parking lot of the Commerce and Mercy Health Buildings located at the intersection of East Commerce Street and Federal Plaza East. The parade will start at 6:00pm EST and will be over around 7:00pm EST. If you can help, we'd appreciate your assistance. You can either call me at (330) 544-5865, or email at W0JO@arrl.net.



It's hard to believe, but we're fast-approaching the end of another year and it seems like the older you get, the faster time passes. On behalf of your officers and board, we'd like to thank all of you who have participated in our meetings, nets and events over the past year and look forward to your continuing participation in 2017. For those of you who are either new members or existing members, we welcome you to participate and help with all our activities.

As a club, I believe we had a very good year in 2016. Although we lost the annual "Walk To Cure Diabetes" because the American Diabetes Association decided to no longer have the fundraiser in Canfield, we did get two new community fundraising events to replace it including the annual Easter Seals "Walk With Me" event and the "Youngstown Peace Race" and the event organizers for both already want us back to serve next year. A lot of people still do not know about amateur radio as we only comprise about two-tenths of one percent of the overall population, but your officers and board are going to be making a concerted effort in 2017 to increase our visibility to the general public, at least locally.

Earlier in the year, our club won a service award from the American Radio Relay League (ARRL) and we had the best participation in our annual "Field Day" in our club history. In addition, we have added a number of new members this year and are growing.

Our next monthly club meeting will be held on Tuesday, December 20th and will be our last meeting for this year. We hold our monthly meetings at Davidson's Restaurant, 3636 Canfield Road, Canfield, OH 44406. Dinner is at 6:00pm EST and we start our meetings at 7:00pm EST. This month's meeting is going to be different from our regular meetings and I encourage all of you to mark your calendars and be at this meeting. I think this meeting will be a lot of fun, entertaining, informative and ties in really well with the holiday season. You don't want to miss this meeting. We welcome all area amateur radio operators to our meeting and those who may be interesting in learning more about the hobby/service of amateur radio.

I'd like to personally wish all of our members and their families a very happy and safe holiday season and a healthy and prosperous new year. Until then . . .

73 & Happy Holidays,
Joe, W0JO
VP/WRARC



COULD THIS BE YOU?

Ever want to be a writer? Do you have an idea for an article for the Wave Bender? 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!!



WHAT'S COMING UP?

- Dec. 03 YL Breakfast 9:00 A.M. Perkins, Boardman
- Dec. 13 Ham Community Breakfast
Eat'n Park Boardman 8:30 A.M.
- Dec. 13 Board meeting - 7:00 P.M., Eat'n PARK, Austintown
- Dec. 20 Members Meeting at Davidsons
- Dec. 21 Testing
- Dec. 21 Winter Solstice
- Dec. 24 Hanukkah
- Dec. 25 Christmas
- Dec. 26 Ham Community Breakfast
Eat'n Park Boardman 8:30 A.M.



2017 HAPPY NEW YEAR

- Jan 7 YL Breakfast 9:00 A.M.
- Jan. 8 After the Holidays Annual Dinner/Meeting & Installation of Officers

DUES ARE DUE, PAYABLE ON OR BEFORE JANUARY 31, 2017

**After the Holidays Annual Meeting &
Installation of Officers
Sunday, January 8, 2017
3:00 P.M.
Davidson's in Cornersburgh
Order from the Menu
Guests Welcome
Contact Maureen to let her know how many in your party
Deadline is December 26, 2016**

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 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

12/02	Joe, W0JO
12/09	Al, AB8AA
12/16	Jane, K8JAA
12/23	Roy, KD8IJF
12/30	Bob, N8RCM

Volunteers needed for Jan.

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)

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; N8DMC, KE8EYE, KC8SOY, KD8TII, WB8LCD, N8SY, KB6MYR, W5YI, the ARRL and the World-Wide Web.

TOWER REMOVAL



The tower crew, Al, AB8AA, Roy, KD8IJF, Russ, NR8W, Rocky, KE8ENM and the new owner of the tower, Greg K2GRG, helped to remove a 50-foot crank up tower with a large 20 Meter beam on it.

The first thing was to get my big van in place so we had an anchor point to work from. Due to the rain the yard was a little soft. We had to use the winch to pull the van into position. Then we laid out the chains and connected them to the Tower.

Due to the position of a tree the antenna was hooked around the top of it. First thing was to remove most of the bolts that attach the tower to the base, Leaving two bolts as hinge points we started to tip the tower over. At that point the antenna was turned a little at a time to clear the tree. Once we got a quarter of the way down we added a frame to change the pull point.

Soon we were to a point where the antenna elements were near the ground. Now was the time to remove the lower element sections. Then we lowered the tower more till the elements were near the ground again and removed them. Now we had all the elements were removed from half the antenna. We again lowered the tower so we could remove the rest of the antenna.

Now was the time to remove the mast and the rotor. After that we set up the plywood and the dolly to be able to move the tower out of the back yard. With a lot of pushing and grunting, we were able to get the tower moved over so we could use the winch to pull it up the yard. Now was the time to move the van. Roy brought his truck to the driveway and we hooked a chain between the van and his truck and he pulled me up on the driveway. From here we winched the tower to the driveway, moved the trailer to the driveway and loaded the tower on the trailer. Now we had to get all the equipment picked up and stored in the van and on the trailer.

Now it was off to Greg's house on RT. 46. With Greg leading the group, we moved the tower to his house. Unloaded it onto two dollies and put it in his building, where it will be till spring. More to come in the spring when the tower will be put up. I have to thank the tower crew for all the help.

73 Allan, AB8AA



THANK YOU



We had a great turn out for the Boardman Park's Haunted Hayride this year. I hope everyone had fun. One hundred thirty wagons went through the woods the three weekends in October. I wish to thank everyone that came out to make it happen. We had one rain-out, the Haunted Wagon Rides was cancelled due to weather on Friday, October 21, we had great weather on the first two days, and had over 40 wagons each day. On the last week end there were 40 wagons each day, with one day with 34 wagons with the rain, it was not bad.

I would like to thank Rich Hamaker, HB8YHC, Jan Hamaker, KC8PUO, Steve Fabry, KC8SOY, Joe Hanisko, KD8ZRU, Brandon Benson, KD8NXP, Ed Benson, KD8NXQ, Roy Haren, KD8IJF, Maureen Stein, KD8NXS, Darrin Cannon, N8DMC, Bob Mitzel, N8RCM, and Jace Melick, KD8BWY. Without these Hams, I could not watch all the kids out in the park. THANK YOU all for keeping the bad people away from the kids.

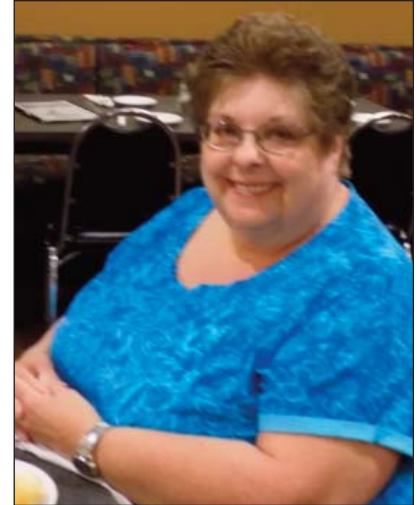
Bill Egan, KD8HCQ
Kitty thanks you too!

AFTER THE HOLIDAYS ANNUAL MEETING & INSTALLATION OF ONE TRUSTEE

The end of the year is nearly here and that means our After the Holidays Annual Meeting is right around the corner too. Be sure to save the date! This year's party will be at Davidson's again in our usual meeting room. The party date is on the second Sunday in January, Sunday, January 8, 2017, at 3:00 P.M.

We will be ordering individually from the menu with each person or family (or other group attending together) paying their own bill to the restaurant that day. This is in lieu of having a large per person up front and paid ahead charge for a buffet party. It will be the same as last year.

As always, the party is for all of our family members or other guests whether or not they are club members. I will be circulating a sign up sheet beginning at the November general meeting. Please sign up along with the number in your party as soon as you know that you will be attending. We need to give Davidson's a head count about a week prior to the event so that they can have the needed amount of staff on duty that day. You can also sign up by contacting me (Maureen KD8NXS) at 330-398-1303 or at mfstein@zoominternet.net. We will likely have a basket raffle that day as well, so remember to bring a little extra cash that day. It's a fun activity and any proceeds will go into the treasury. Hope to see you all there. It really is a very good time!



Maureen KD8NXS



A WORD FROM OUR TREASURER



Here it is, December 2016, the last month of the year. Where has it gone? Halloween and Thanksgiving have past, and Christmas is right around the corner. We have had a very busy year with all the events that took place this year. The Easter Seals 5K Walk/Run in April, the Dayton Hamvention in May, the Road Cleanup and our Field Day, both in June, which were a big success, our club picnic in July, which was a lot of fun, The Walk to End Alzheimers, unfortunately we were not able to participate in because of unforeseen problems, and The International Peace Race which both occurred in October. We also started the YL & Friends breakfast which was the first Saturday of each month starting October 1, and then November 5 and December 3. So far all three months have been very successful.

And now it is time to think about renewing your membership dues for the upcoming year. I will be collecting dues at our monthly general meetings up until the end of January 2017. Membership for a year is \$20.00 for the first member of the household who is under 65 years old and \$5.00 for each family member residing under the same roof. Senior members over 65 is \$16.00 for the first member of the household, and \$5.00 for each member of that household residing under the same roof. They can be paid by either cash or check made out to Western Reserve Amateur Radio Club, or abbreviated, WRARC. I will accept check or money order mail in payments at my residence, Rosemary Marko, 416 S. Edgehill Ave., Austintown, Oh. 44515. Again, please make the check or money order to Western Reserve Amateur Radio Club.

I would like to wish everyone a safe and MERRY CHRISTMAS and hope to see you in the new year.

73 Rose, KD8TII

#GI♥INGTUESDAY

You've heard of Black Friday and Cyber Monday, but have you ever heard of #GivingTuesday? Now, we have a day for giving thanks, we have #GivingTuesday, a global day dedicated to giving back. #GivingTuesday is always the last Tuesday in November a special holiday created to celebrate America's proud tradition of charitable giving. It's a day when people around the world come together to give back, make the world a better place and prove that the holidays can be about giving and giving back.

Please consider making a donation on November 28, this year's #GivingTuesday. We have two for getting deals. Just a few months ago, you and I joined the nation in celebrating the 100th anniversary of the National Park Service — a huge milestone. National Parks on the Air, with this centennial year coming to a close, we must take a hard look at the state of our parks as their second century begins. Unfortunately, it's not a pretty picture.

Thanks to several generous NPCA board members, your special #GivingTuesday gift to protect the parks will be matched today 100%, dollar-for-dollar, up to \$25,000! Go to <https://www.nps.gov/index.htm> and click on the menu button to donate.

As you take advantage of holiday season bargains, we hope you will consider giving to support the work of your favorite charity. They gratefully accept the contributions of individuals and organizations who wish to support our mission to provide assistance to needy individuals/families in our area.

If you would like to give back to the community, contributions can be made by mailing a check to one of these fine charities:

- FullCircle Giving, Inc. 11209 Sharon Drive, Parma, Ohio 44130
- Second Harvest Food Bank 2805 Salt Springs Rd., Youngstown, OH 44509
- The Salvation Army 1501 Glenwood Ave. Youngstown

I'm sure there are many more. They Won't care if it's December.They thank you in advance for your support!



Cushcraft Model XM-520 20 Meter 5 El Beam	\$200
Yaesu FT757GXII HF Radio	\$250
Kenwood SP-430 Speaker	\$ 25
Nye Viking, MBI-001 Tuner,	\$100
Sencore TF151, Transistor tester	\$ 25
Shure model PE515, Microphone	\$ 25
Shure model 444D, Microphone	\$ 25
AEA model QT-1, Antenna tuner	\$ 25
Radio Shack 2 meter HTX-202	\$ 25

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

ARRL AND "NATIONAL PARKS ON THE AIR"

Last Month! This year the ARRL in partnership with the National Parks Service has begun the year long "National Parks on the Air" (NPOTA) campaign to celebrate the 100th anniversary of the National Park System. For one year, Hams are encouraged to either activate a unit of the NPS system or to chase those that have. Most of the information can be found online at: <http://www.arrl.org/npota> At our last general meeting some of the members indicated that they have already made contact with one or more Activators.

For those "Chasers", there is no published list of contact frequencies. It was suggested that we use DX spotting sites instead. The ARRL does have a page that lists the registered Activators and their target dates at:

<https://npota.arrl.org/nps-events.php>



==> NATIONAL PARKS ON THE AIR UPDATE

A couple of milestones were reached in the ARRL National Parks on the Air (NPOTA <<https://npota.arrl.org/>>) program last week. Washington, DC-based Activator Paul Stoetzer, N8HM, became the first amateur to activate from all 28 NPOTA units in DC, completing that feat on November 7.

Pete Kobak, K0BAK, also deserves credit for activating all of the NPS units in the Eastern Pennsylvania Section. These include some difficult urban units in Philadelphia.

These are two examples of the efforts that Activators are putting forth to achieve 1 million total NPOTA contacts by year's end. Activity remains strong, with more than 25,000 contacts uploaded to Logbook of The World every week.

Fifty-four activations are scheduled for November 10-16, including Theodore Roosevelt Birthplace National Historic Site in New York, and Dry Tortugas National Park in Florida.

Details <<https://npota.arrl.org/nps-events.php>> about these and other upcoming activations can be found on the NPOTA Activations calendar.

Keep up with the latest NPOTA news on Facebook <<https://www.facebook.com/groups/NPOTA/>>. Follow NPOTA on Twitter <<http://www.twitter.com/>> (@ARRL_NPOTA).



Just wondering why we haven't heard more members checking into the WRARC Friday Night Net. There is no world series, no basketball playoffs, definitely no football, no debates, the election is over - there is absolutely no good reason for not being on the net! Well OK, there is Christmas Shopping. But, the net starts at 9:00 P.M., Friday night, on the KD8DWV repeater - 145.270, PL -110.9. You should be home resting from all that bustle. If you haven't been a regular, maybe now is the time to check in. Find out about all the things WRARC has going in the next couple of months. Can't wait to hear you check in on the next Friday Night Net.

Contact Steve, KC8SOY, to take a turn running the Net, it's easy. There is a script, posted on the WRARC web page, to use as a guideline to make your turn special.



K8JAA

There are seasons in every country when noise and impudence pass current for worth; and in popular commotions especially, the clamors of interested and factious men are often mistaken for patriotism.

Alexander Hamilton

HIRAM PERCY MAXIM AWARD



The Hiram Percy Maxim Memorial Award is given annually to a licensed radio amateur under the age of 21. The nominee must be a current ARRL member. The nominee's accomplishments and contributions to both the community of Amateur Radio and the local community should be of the most exemplary nature. These activities may include:

- Participation or leadership in organizational affairs at the local or national level (for example: local radio club, ARES, net control, participation in civic groups);
- Technical achievement (for example: built a radio, put up an antenna, etc);
- Operating record (for example: nets, disaster drills, contests, Sweepstakes, etc);
- Recruitment and training of new amateurs (for example: helped teach a license class, JOTA, etc);
- Public relations activities (for example: create a ham radio Web page).

Nomination form, supporting information, the endorsement of ARRL-affiliated clubs and elected or appointed League Leadership officials, should be submitted with the nomination to your ARRL Section Manager. In keeping with the tradition of the award when it was first established, formal nominations are made by Section Managers. Please make your Section Manager aware of young hams that have distinguished themselves through their activities. A Section Manager may nominate more than 1 person per year. All nominations shall be forwarded to the Membership & Volunteer Programs Department. An award panel will review the nominations received and select the winner. The prize consists of a cash award of \$1,500 and a suitably engraved plaque. ARRL representatives will endeavor to make a formal presentation of the plaque at a mutually agreed upon ARRL convention or event.

Nomination forms and support information should document as thoroughly as possible the Amateur Radio achievements and contributions of the nominee during the previous calendar year. Additional information concerning the accomplishments and activities of the nominee should be as complete as possible.

The award is intended to provide a tangible reward to those deserving young amateurs who contribute their time, skills and energies daily through their commitment to Amateur Radio. As models for their peers, and inspirations to us all, these fine young people are highly visible boosters of Amateur Radio awareness. We must continue to recognize and encourage their hard work and contributions at every opportunity.

Nomination forms and support information must be sent to the Section Manager. Section Managers will make the formal nomination by sending the form and information to ARRL before March 31. All additional support information must be received at ARRL on or before April 15.

There is no limit to the number of nominations an individual or club may submit to the ARRL Section Manager. For more information, contact Steve Ewald, WV1X, wv1x@arrl.org; tel 860-594-0265.

A few months ago, the winner of the Hiram Percy Maxim award for 2015 was announced. The honor went to 13 year old Chris Brault, KD8YVJ, of Liberty Township, Ohio, a member of the Great Lakes Division. The Division formally recognized Chris for this national honor and held an awards ceremony at the Voice of America Museum of Broadcasting in West Chester, Ohio, on Saturday, November 12. Hams throughout the division, but particularly those from the Greater Cincinnati area, were invited to this celebration.

Go to <https://www.youtube.com/watch?v=aJrfoXdrFz0> to watch Tim, K3LR, interview Chris.

ARRL Great Lakes Division Director: Dale R Williams, WA8EFK wa8efk@arrl.org



TO ALL RADIO AMATEURS

ARRL Calls on Members to Press for US Senate Passage of Amateur Radio Parity Act

ARRL once again is calling on its members to urge their US Senators to support the Amateur Radio Parity Act (H.R. 1301) when it comes up in the Senate during the "lame duck" session of Congress that adjourns in mid-December. The House of Representatives approved the bill in September, but if the Senate does not follow suit, the bill will die, and the entire process will have to be repeated. ARRL Hudson Division Director Mike Lisenco, N2YBB, who chairs the ARRL Board's Legislative Advocacy Committee and has been heavily involved in efforts to move H.R. 1301 forward, said today, "The clock is ticking."



"We begin the e-mail campaign once again, as the US Senate returns to work this week after a month-long hiatus," Lisenco said. "We were just beginning to build momentum in the Senate following the unanimous passage of the Parity Act in the House when Congress shut down for the 4 weeks prior to Election Day."

The task is simple: Go to our Rally Congress page, enter your ZIP code, fill in your name and address, press enter, and e-mails will go directly to your Senators. Members may do this, even if they have already contacted their US Senators for support.

Our Rally Congress page is at, <https://arrrl.rallycongress.net/> .

"We have to remind our legislators that we are still here and that we need the Amateur Radio Parity Act to become law," Lisenco stressed. "We must to do this now as we have, at most, only 4 weeks left in the session to get the bill passed this year. Otherwise, we will have to begin the entire process in 2017 with a new 115th Congress."

There are no guarantees, Lisenco said, and we are subject to the political bickering that goes on daily between the parties, despite the fact that the bill is truly a bipartisan effort. "In order to have a chance at overcoming political obstacles that have little or nothing to do with the legislation, we need our voices to be heard," he said. "And we need that input today."

September's victory in the US House was the culmination of many years of effort on ARRL's part to gain legislation that would enable radio amateurs living in deed-restricted communities to erect efficient outdoor antennas that support Amateur Radio communication. The measure calls on the FCC to amend its Part 97 rules "to prohibit the application to amateur stations of certain private land-use restrictions, and for other purposes." While similar bills in past years gained some traction on Capitol Hill, it was not until the overwhelming grassroots support from the Amateur Radio community for H.R. 1301, and ARRL's relentless and strident efforts on Capitol Hill that this bill made it this far.

As the amended bill provides, "Community associations should fairly administer private land-use regulations in the interest of their communities, while nevertheless permitting the installation and maintenance of effective outdoor Amateur Radio antennas. There exist antenna designs and installations that can be consistent with the aesthetics and physical characteristics of land and structures in community associations while accommodating communications in the Amateur Radio services."



2016 SKYWARN RECOGNITION DAY

December 3, 2016, from 0000z to 2400z

SKYWARN™ Recognition Day was developed in 1999 by the National Weather Service and the American Radio Relay League. It celebrates the contributions that volunteer SKYWARN™ radio operators make to the National Weather Service. During the day SKYWARN™ operators visit NWS offices and contact other radio operators across the world.



SKYWARN Recognition Day Webinar

The 18th SKYWARN Recognition Day (SRD) will be held December 3, 2016 from 0000UTC to 2400UTC. SKYWARN™ Recognition Day was developed in 1999 by the National Weather Service and the American Radio Relay League. It celebrates the contributions that SKYWARN volunteers make to the NWS mission, the protection of life and property. Amateur radio operators comprise a large percentage of the SKYWARN volunteers across the country. The Amateur radio operators also provide vital communication between the NWS and emergency management if normal communications become inoperative. During the SKYWARN Special Event operators will visit NWS offices and contact other radio operators across the world.

This year, in the week before SRD 2016, there will be a webinar that covers the basics of the event, how to participate, and a few changes that are in store for 2016. The webinar will be November 29 at 8pm ET. Registration for the webinar can be found here. As with all ARRL webinars it will be recorded and posted to the ARRL YouTube channel afterward.



BIRTHDAYS THIS MONTH

- | | |
|--------|------------------|
| KC8PD | Jim Aylward |
| KB3WPD | Stan Adamski |
| KD8SEV | Ron Reiter |
| KD8UKA | Charmaine Reiter |
| KB8QDZ | James Jickess |
| KD8WDK | Warren Drescher |



DX NEWS

DX Bulletin 48 ARLD048
From ARRL Headquarters
Newington CT November 23, 2016
To all radio amateurs
ARLD048 DX news

This week's bulletin was made possible with information provided by AJ9C, WB2TJO, QRZ DX, the OPDX Bulletin, 425 DX News, The Daily DX, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

FIJI, 3D2. Jim, WB2TJO will be QRV as 3D2JS from Taveuni Island, IOTA OC-016, beginning from December 2016 to March 2017. Activity will be on the HF bands and 6 meters using CW, SSB and some digital modes. QSL to home call.

EAST MALAYSIA, 9M6. Saty, JE1JKL will be QRV as 9M6NA from Labuan Island, IOTA OC-133, in the CQ World Wide DX CW contest as a Single Op/Single Band entry on 20 meters. QSL to home call.

OMAN, A4. Special call sign A44A will be QRV in the CQ World Wide DX CW contest as a Multi-2 entry. QSL via A47RS.

PHILIPPINES, DU. Operators 4F2KWT, DU1BA and DU3LA will be QRV as DX2R from La Union in the CQ World Wide DX CW contest as a Multi Single/Low Power entry. QSL via W3HNK.

FRENCH GUIANA, FY. Didier, FY5FY will be QRV as a Single Op/Single Band/Low Power entry on 80 meters in the CQ World Wide DX CW contest. QSL to home call.

MARIANA ISLANDS, KH0. Joerg, DF9LJ is QRV as KH0/DF9LJ from Tinian Island, IOTA OC-086. In addition, he and other operators will be QRV as AH0K in the CQ World Wide DX CW contest. QSL via operators' instructions.

GUAM, KH2. Joel, KG6DX will be QRV as NH2DX in the CQ World Wide DX CW contest as a Single Band entry on 15 meters. QSL direct to home call.

ALAND ISLAND, OH0. Tomi, OH6EI will be QRV as OH0Z in the CQ World Wide DX CW contest as a Single Op/All Band/High Power entry. QSL via W0MM.

NORFOLK ISLAND, VK9N. Tim, NL8F and Paula, NX1P plan to be QRV as VK9NF and VK9NX, respectively. Look for VK9NX to be active in the CQ World Wide DX CW contest, and VK9NF to be active on the newer bands. QSL via operators' instructions.

OPERATION APPROVED FOR DXCC CREDIT. The following operation is approved for DXCC credit: Central Kiribati, Kanton Island, T31T, 2016 operation.

THIS WEEKEND ON THE RADIO. The CQ World Wide DX CW contest will certainly keep contesters busy this upcoming weekend.

The ARRL National Parks on the Air event runs during all of 2016 to mark the 100th anniversary of the National Park Service.

Please see November QST, page 94 and the ARRL and WA7BNM Contest web sites for details.

MARS



There's a new miniseries about Mars produced by National Geographic, and I found an excellent introduction to amateur radio on their website.

<http://channel.nationalgeographic.com/mars/articles/a-guide-to-ham-radio/>

In a flashback episode, "Before Mars," one of the main characters of the series discovers an old ham radio in the present day, hears NA1SS on it, then becomes obsessed with trying to talk to the space station. She later becomes second-in-command of the Mars mission in 2033.

Warning: There are violations of FCC rules in the flashback episode.

The series is really interesting to watch, but if nothing else, watch the "Before Mars" episode, which is viewable on the National Geographic website.

73, Roxanne Baxter.
AA7RX/DA1RX



A BRIEF HISTORY OF THE BAGEL IN AMERICA

What was once a regional, ethnic food is now an American favorite. Here's a bite of bagel history.

When you think of strong, historic labor unions that helped build this country, the United Steelworkers, and the United Auto Workers probably come to mind. But Bagel Bakers Local 338—maybe not so much.

Believe it or not, this union rose to power in the early 1900s in New York City and held a firm floured hand on bagel production for decades. Jewish bakers emigrating from Eastern Europe at the turn of the century brought the bagel with them to the New World. And with the help of the union, they kept its basic recipe (flour, salt, water, yeast, sweetener) and preparation methods close to their aprons. All members were Jewish, meetings were conducted in Yiddish, and knowledge passed predominantly from father to son. Over the years, the union even staged a few bagel strikes, which hit the New York area hard. But in the 1960s, the advent of large-scale, bagel-making machines made their union obsolete.

"Thanks to those Jewish bakers, bagels are one of the original artisan American breads."

While the bagels you'll find in our bakery-cafes are larger than the original 2-to-3-ounce size, come in lots of flavors beyond plain, and are stored in baskets (rather than on strings or dowels), they are still made in a very traditional, artisan manner.

Most of the bagels you see today are put in ovens within 45 minutes of being mixed. We use a sourdough base that we allow to cool and ferment for 36 to 48 hours (called 'proofing'). This really helps develop some depth of flavor. Then we place our bagels in the oven and give them a heavy steaming prior to baking. The steaming mimics the traditional boiling process used by those old Jewish bakers.

So where does all that leave us? The result is a bagel with a paper-thin crust and a center that has some real chew to it. You can't beat it.

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

TRUE STORY OF RUDOLPH-THE RED-NOSED-REINDEER

A man named Bob May, depressed and brokenhearted, stared out his drafty apartment window into the chilling December night.

His 4-year-old daughter Barbara sat on his lap quietly sobbing. Bob's wife, Evelyn, was dying of cancer. Little Barbara couldn't understand why her mommy could never come home. Barbara looked up into her dad's eyes and asked, "Why isn't Mommy just like everybody else's Mommy?" Bob's jaw tightened and his eyes welled with tears. Her question brought waves of grief, but also of anger. It had been the story of Bob's life. Life always had to be different for Bob.

Small when he was a kid, Bob was often bullied by other boys. He was too little at the time to compete in sports. He was often called names he'd rather not remember. From childhood, Bob was different and never seemed to fit in. Bob did complete college, married his loving wife and was grateful to get his job as a copywriter at Montgomery Ward during the Great Depression. Then he was blessed with his little girl. But it was all short-lived. Evelyn's bout with cancer stripped them of all their savings and now Bob and his daughter were forced to live in a two-room apartment in the Chicago slums. Evelyn died just days before Christmas in 1938.

Bob struggled to give hope to his child, for whom he couldn't even afford to buy a Christmas gift. But if he couldn't buy a gift, he was determined to make one - a storybook! Bob had created an animal character in his own mind and told the animal's story to little Barbara to give her comfort and hope. Again and again Bob told the story, embellishing it more with each telling. Who was the character? What was the story all about? The story Bob May created was his own autobiography in fable form. The character he created was a misfit outcast like he was. The name of the character? A little reindeer named Rudolph, with a big shiny nose. Bob finished the book just in time to give it to his little girl on Christmas Day. But the story doesn't end there.

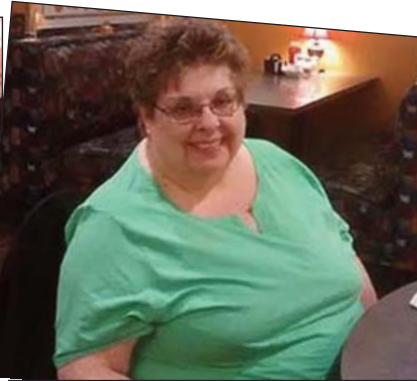
The general manager of Montgomery Ward caught wind of the little storybook and offered Bob May a nominal fee to purchase the rights to print the book. Wards went on to print, Rudolph, the Red-Nosed Reindeer, and distribute it to children visiting Santa Claus in their stores. By 1946 Wards had printed and distributed more than six million copies of Rudolph. That same year, a major publisher wanted to purchase the rights from Wards to print an updated version of the book.

In an unprecedented gesture of kindness, the CEO of Wards returned all rights back to Bob May. The book became a best seller. Many toy and marketing deals followed and Bob May, now remarried with a growing family, became wealthy from the story he created to comfort his grieving daughter. But the story doesn't end there either.

Bob's brother-in-law, Johnny Marks, made a song adaptation to Rudolph. Though the song was turned down by such popular vocalists as Bing Crosby and Dinah Shore, it was recorded by the singing cowboy, Gene Autry. "Rudolph, the Red-Nosed Reindeer" was released in 1949 and became a phenomenal success, selling more records than any other Christmas song, with the exception of "White Christmas."

The gift of love that Bob May created for his daughter so long ago kept on returning back to bless him again and again. And Bob May learned the lesson, just like his dear friend Rudolph, that being different isn't so bad. In fact, being different can be a blessing. MERRY CHRISTMAS 2016

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Ham Radio



December 2016

PREPAREDNESS LEADS TO READINESS - MATT W8DEC



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	3 YL Breakfast 9A.M. Boardman Perkins
4	5	6	7 Skywarn Net 8:30 P.M. 146.745	8	9 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	10
11	12 ARES Net 8:30 PM 146.745 PL 110.9	13 Ham Breakfast Eat'n Park Boardman 8:30 A.M. Board Meeting Eat'n Park Auatintown 7:00 P.M.	14 Last General class	15 National Chocolate Covered Anything Day	16 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	17
18	19  WaveBender Articles Due	20 WRARC Meeting 7:00 P.M.	21 Testing 	22	23 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	24 1st day of Hanukkah 
25 Merry Christmas 	26 ARES Net 8:30 PM & National Whiners Day	27 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast	28	29	30 WRARC Net 9:00PM 145.270 Swap n' Shop Ask the Elmers	31 