



The Wave Bender

January 2015



2015 Officers:

President: Roy Haren, KD8IJF kd8ijf@wrarc.net
VP: Joe Wojtowicz W0JO kd8rcc@wrarc.net
Secretary: Kevin Stein, KD8NXS kd8nxs@wrarc.net
Treasurer: Maureen Stein, KD8NXS kd8nxs@wrarc.net
Past President: Allan Avnet AB8AA ab8aa@wrarc.net

Trustees:

Chris Monske, WF8U kd8ely@wrarc.net
Harry Harker, KD8PQK kd8pqk@wrarc.net
Russ Williams NR8W nr8w@wrarc.net

Appointed Positions:

Social: Maureen Stein, KD8NXS kd8nxs@wrarc.net

Publicity: Joe Wojtowicz, W0JO kd8rcc@wrarc.net

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

Field Day:
Steve Fabry KC8SOY kc8soy@wrarc.net
Chris Monske, WF8U kd8ely@wrarc.net

Facebook/Badges/logo Design:
John Fabry, KC8SPF kc8spf@wrarc.net

Nominating Charman: Ted Filmer, KD8IJE kd8ije@wrarc.net

Officer's Meeting:

January 13, 7:00 P.M. At Eat 'n Park, 8051 Market St.,
Boardman - All members welcome

After the Holidays Meeting:

January 11, 3:00 P.M. at A La Cart Catering
429 Lisbon St., Canfield, OH
Reservations required

Note: No Meeting January 20

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



Just a reminder that it's that time of the year again and we are hoping that all WRARC members will be renewing their memberships for 2015. There are a lot of great activities being planned.

You can send your dues to the Treasurer:
Maureen Stein KD8NXS
3088 Southwind Tr.
Poland, Ohio, 44514.

or make payment at the After the Holidays dinner meeting January 11. To stay current, dues can be paid anytime now through January 31.

If your personal information (call sign, license class, address, phone, e-mail, etc.) have not changed you only need to send in your dues. If anything has changed, please fill out and send in an updated application form. A copy is attached for your convenience. I hope everyone will be renewing, we look forward to hearing from you.



As always, please let someone on the board know if you have any questions or comments about the club, talk to Roy at a meeting, or send a note to
kd8ijf@wrarc.net.

73 and Happy New Year! K8JAA, Editor

A WORD FROM OUR VP



I hope everyone had a great Christmas and wish everyone a happy and prosperous New Year. I'd like to thank Roy, KD8IJF, for a great job in his first year as our President and congratulate Russ, NR8W, in winning the third Trustee position. While we had a good year, overall, I look forward to working with our Board and membership for an even better year in 2015.

Many guys my age have been HAMS for decades. My interest in amateur radio goes way back to when I was in junior high. Back then, in order to get the old entry-level "Novice" license you had to be proficient in Morse Code and go to the FCC office in Pittsburgh, PA to take the test. Of course it was also helpful if you had money to buy or build a radio and your own transportation. For a number of reasons, I never pursued it but thought that someday in the future (not knowing it would take me over 40 years at the time, but better late than never I guess), I would avidly pursue the hobby.

Several years ago, I set two goals for myself. One, was to get my amateur radio licenses up to Amateur Extra level and two, to slowly build my "shack" over time until I had it the way I wanted. I'm happy to say that I've finally accomplished both goals, but needed just one more thing to make my shack complete.

Being "mechanically-challenged," I wanted to add lightning protection for my equipment, but had no clue how to do it. My HF and VHF/UHF antennas were already grounded with poly-phasers and copper ground rods, but I wanted to be able to take off the antenna coax connectors from my equipment during lightning storms or if I was away for any period of time. I asked Al, AB8AA, to help me and he built a great equipment and antenna grounding wall panel for me. On top of that, he also graciously agreed to install it.

Basically, all of my equipment that needs grounded has a one-inch copper braid for a ground which goes to a common copper strip mounted to the wood molding near the floor behind my equipment. Then, the copper braid from the common copper strip goes through the antenna ground that Al built, which includes four antenna connectors, up to a ground clamp on my cold water pipes that has a jumper at my water meter. From the cold water pipe junction, another one-inch copper braid goes through my outside wall behind the water faucet and then fastened outside to a copper plate on two four-foot copper ground rods installed next to the outside wall behind the heat pump.

As they say, pictures are worth a thousand words, so I've included some photos of the grounding system. I'd like to thank Al for all his help and advice as he has been my Elmer from the start and I've learned a lot from him. One of the great things about amateur radio is that there is always a lot to do and learn. For now, I'm happy to have finally accomplished my two goals . . . that is until the next shiny new object comes along (LOL). Looking forward to our 5th annual After the Holidays dinner banquet.



73, Joe,
W0JO
VP/WRARC

ARE YOU LOOKING FOR AN EXTRA CLASS?

One Starts Jan 29, 2015 at ITT-Tech, Austintown, OH

6:30 P.M. till 9:00 P.M.

Test will be March 26, 2015

Cut off date to get your book is January 8, 2015

After that no one will be accepted to join the class unless cleared by me.

For information and books contact Al, AB8AA 330-207-3296 or ab8aa@arrl.net

WHAT'S COMMING UP?

- Jan. 11, 2015 After the Holidays Annual Dinner/Meeting/Installation of 3-year Trustee, at A La Carte Catering - Reservations required - contact Maureen @ 330-757-4963
- Jan. 13 Board Meeting at Eat N' Park Boardman 6:00 P.M.
- Jan. 14 Technician Class starts
- Jan. 20 NO MEETING
- Jan. 29 Extra Class starts

- Feb. 10 Board meeting at Eat 'N Park, Boardman, 6:00 P.M.
- Feb. 17 Meeting at Davidson's
Speaker:
Topic;
Our Elmers will be helping you with your new radios
- Feb. 18 Testing at ITT - Contact Al 330-549-3051

- Feb. 25 General Class Starts

- May 15,16,17 Dayton Hamvention

- June 26 - 28 Field Day - Contact Steve, KC8SOY, or Chris, WF8U, to reserve your Station



You may already be familiar with this site, but if not, here is a great site www.solarham.com that tells you just about everything a ham needs to know about current solar activity other than the SPF you need for outdoor operations!

73, Jim, KC8PD



**Map to After the Holidays
Dinner/Meeting
\$17.00 per person
Reservations required
January 11, 3PM
at
A La Cart Catering**

\Field Day Results - http://www.arrl.org/results-database?event_id=58360

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

145.270, PL -110.9

Upcoming Net Control Operators

Jan. 2 AI, AB8AA
 Jan. 9 Chris, WF8U
 Jan. 12 Jane, K8JAA
 Jan. 23 Joe, W0JO
 Jan. 30 Dennis, KD8SNA

Feb, 6 Dave, KC8WY
 Feb. 13 Darrin, N8DMC
 Feb. 20 Dave, KD8YMJ
 Feb. 27 Joe, W0JO

March 6 AI, AB8AA
 March 13 Jane, K8JAA

Contact Steve, KC8SOY to take a turn at Net Control
 330-774-6346

Ask The Elmer Net Right after the Friday Night Net
 KC8SOY Moderator

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 the 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; W0JO, AB8AA, W8KNO, N8SY, KD8XX, KC8SOY, KD8NXS, W6UMH, KD6KHJ, W5YI, the ARRL and the World-Wide Web.

CLASSES & TESTING

Our fall General class finished on December 10. We had two students. Both successfully passed their test to upgrade. Please welcome our two new Generals, Mark Stein, KD8YMK, and Terri Mitzel, KD8YYE. Congratulations to you both on your upgrade.

At our December 17 test session we also passed one new technician, Lawrence Davis, KE8ABX. Congratulations to you on your new license. Lawrence said he plans to upgrade to Extra.

Thanks to the WRARC testing team for helping with testing these Hams. Contact VE for the ARRL test session Al Avnet, AB8AA; Jim Jickess, KB8QDZ; Dave Beatty, KC8WY; Dave Brett, KD8NZF; Roy Haren, KD8IJF; Jane Avnet, K8JAA; and Pete Finamore, N8XOE.

Unfortunately we had no one in our fall Technician class. We will try again Wednesday evenings, January 14 through February 11, 2015 - 7:00 to 9:30 P.M., at ITT in Austintown.

While we're talking classes, we are also planning General and Extra classes.

The Extra class is scheduled to start Thursday evenings, January 29 through March 19, 2015 - 7:00 to 9:30 P.M., at ITT. Pre-registration, and obtaining the book by January 8, is mandatory for this class.

The General class is scheduled to start Wednesday evenings, February 25, 2015 - 7:00 to 9:30 P.M., at ITT.

If you know someone, who might be interested in any of these three classes, have them contact Allan "Al" Avnet, AB8AA (ARRL Registered Instructor) at 330-549-3051 or ab8aa@arrl.net to get their books and register for one of these classes.



ARE YOU THINKING ABOUT UPGRADING TO GENERAL?

**GENERAL CLASS Starts February 25, 2015 at ITT-Tech, Austintown, OH
6:30 P.M. till 9:00 P.M.**

Test will be April 15, 2015

For information and book contact Al, AB8AA 330-207-3296 or ab8aa@arrl.net

YOUNGSTOWN CHRISTMAS PARADE

Members from all three Mahoning Valley Amateur Radio Clubs were part of the ARES team that helped with the 2014 Holiday Parade and Christmas tree lighting Friday, December 5 held in Youngstown. The parade started at 5:30 P.M. and was over a little after 6:00. Net control was on the sixth floor of the First National Bank building in the offices of Youngstown CityScape. Nancy, KD8QNY, and Dave, KD8NZF, Brett coordinated the Amateur Radio Operators, ARES, for the event. Wanda, KC8VCT acted as NCO.. Assisting her at net control were Nancy KD8QNY backup NCO, Becky KD8SCF, and Jane K8JAA, scribe.



The other Hams who braved that rainy Friday afternoon were Roy, KD8IJF; Joe, W0JO; Rich, KB8GAE; Stan, KB3WPD; Dean, W8YSU; Clayton, KD8ZRS; George, KC8RJS; Dave, KD8NZF; EC Wes W8IZC, and John, KB8YTS(?)

REMINDERS

Here we are at the start of a brand-new year--2015. Boy, the years pass quickly, don't they? I just have some reminders for the post holiday party and for dues renewals. Our party date is rapidly approaching. It is on Sun., Jan.11, 2015, at 3:00 P.M. at A La Cart Catering in Canfield. I will soon have to call in the final number of those attending. That will be the morning of Jan. 5. I need to have everything wrapped up before then, including having all the payments in for those coming to the party. Many have already payed me for that, but there are still some that need to be in to me before the 5th so that those folks can still be part of the count. Remember, the number we give is what will be prepared for and the club will be liable for that amount. That is why I need to have everyone's payments in. Those that still need to pay, please get it to me ASAP. It will be much appreciated. The easiest way is to mail it to me at:

3088 Southwind Tr.
Poland, Ohio 44514.



Anyone needing to contact me can reach me at 330-757-4963 (home) or 330-398-1303 (cell). This can be for making arrangements to meet up with me or for anyone who would like to attend and still hasn't signed up, they can let me know and make arrangements to get their payment to me. Remember, this party is a fun time and all family members and any other guests are very welcome. It is not just for club members. Many thanks to all who have payed to date.

Next up is the continuation of dues renewals. That can still be done all this month. They can be mailed to me or given to me in person when you see me, including the day of the party. You do not need to fill out a new application paper unless something pertinent like address, phone number, e-mail address, name, etc. has changed. Dues are \$20.00 for the first person in the household when that person is under age 65 and \$16.00 for the first person in the household if that person is age 65 or more. All subsequent household members (those residing in the same household) are \$5.00 regardless of age. Again, getting these in sooner rather than later is much appreciated as well.

I hope everyone had a very happy holiday season as we closeout Christmas 2014 and move into the new year. Happy New Year to all of you. We'll stay hopeful for goo weather the day of the party as well. That would be the best start to the new year that I could think of.

73, Maureen, KD8NXS

PAPER CHASE



"I have made the difficult decision not to write any more "Paper Chase" articles. I would like to thank you all for the support over the years. A special thanks goes to Tom (Parkinson AKA Parky) who has corrected and added to my articles so that it appeared I could write better than I can. Again, thanks.
Joe - W8KNO"

So sorry Joe had to make this decision. We enjoyed his articles and will miss reading them. Members of WRARC thank you for your input.. - ed

The new episode of HamRadioNow <<http://arvideonews.com/hrn/>> (Episode 182) features an extended conversation with Dave Bell W6AQ. Dave is a past chair of the PR Committee, and he produced and/or directed most of the League's "TV Show" videos over the past several decades. (They're on this DVD collection that every PIO ought to own). And oh, yeah, Dave recently released a book - a memoir of his life in TV and Ham Radio titled World's Best Hobby.

If you don't have time to watch the nearly two-hour show, you can put the audio on your phone and listen while you go over the river to Grandma's house this week.

WHAT IS AN ELMER

Elmering or mentoring has long been the backbone of Amateur Radio. While technology constantly evolves, the human interaction between hams will not be replaced and will always remain one of the hobby's strongest traditions. As licensed hams we are all ambassadors of Amateur Radio and we should always be looking at ways in which we can welcome newly licensed hams and project a positive image that will attract others to ham radio.

Origin of the term "Elmer" - The term "Elmer"--meaning someone who provides personal guidance and assistance to would-be hams--first appeared in QST in a March 1971 "How's DX" column by Rod Newkirk, W9BRD (now also VA3ZBB). Newkirk called them "the unsung fathers of Amateur Radio." While he probably was not trying to coin a term at the time, here's how Newkirk introduced "Elmer" in his column and, as it turned out, to the rest of the Amateur Radio world:

"Too frequently one hears a sad story in this little nutshell: 'Oh, I almost got a ticket, too, but Elmer, W9XYZ, moved away and I kind of lost interest.'"

Newkirk went on to say, "We need those Elmers. All the Elmers, including the ham who took the most time and trouble to give you a push toward your license, are the birds who keep this great game young and fresh."--Rick Lindquist, N1RL

As you can see, the term is not very old. Prior to the first use of Elmer as the one who guided and encouraged us, what were these folks called? We have received a lot of suggestions; teacher, mentor, tutor, guide, helper, sage? All are appropriate, but first and foremost they are called friend.

I've learned that you can tell a lot about a man (or woman) by the way he handles these three things: a rainy day, lost luggage and tangled Christmas tree lights.

ELMERS AT UPCOMING METINGS

WRARC Elmers will be answering questions during our upcoming meetings, starting with our February 17 meeting, for as long as you have questions. The class will include basic programming for Ham Radio. The Elmers will be explaining various common terms, such as PL; offset of repeaters; how to enter the frequencies into your radios, and will walk you through programming the radios you have just purchased, or are thinking about buying.

Bring your radio, the instruction manual, which came with it; a notebook to take notes, and a hi-lighter, along with your questions. All Ham radio operators are welcome to our club meetings, if you know of a Ham that may want a class like this, invite them to our February meeting.

Elmers, brush up on programming your two meter HT radios so that you can be a good Elmer to teach our new Hams. We can all have some fun and lively conversations and maybe learn something too.

73, Steve KC8SOY

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

Avnet, Allan AB8AA

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

ab8aa@arrl.net

Beatty, Dave KC8WY

anything
Yaesu FT8900, FT8800, Mobile

kc8wy@zoominternet.net

Fabry, Steve KC8SOY

???

kc8soy@yahoo.com

Haren, Roy KD8IJF

Electrician, tele-data, Amateur Extra

harens@juno.com

Williams, Russ NR8W

rwiliams@neo.rr.com

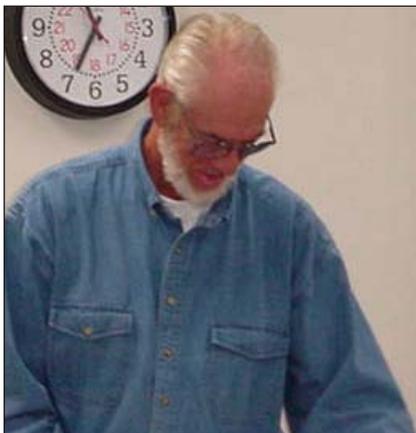


He who is afraid of asking, is afraid of learning

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Articles from members for the Wave Bender are encouraged. They must be received by the editor a 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 PAST PRES



Well I hope everyone had a great Christmas and New Year. If you got a new toy (radio) it is now time to get it up and running. Check out your feed lines and your grounds. Read over the manual several times. That will let you know all the great features the new radios have. I got a new Kenwood TS590S at Dayton last year and I am still trying to figure out all the features. Check to see if there is not a Yahoo site for the radio. They can be a lot of help as well as a place to ask questions.

I will be doing classes starting this month. Technician and Extra starting in January, then a general class starting in March. The General will change on 1 July, 2015. If you know of anyone that wants to learn or upgrade have them contact me.

I know you have heard this from me before. The club is only as good as it's members make it. Get involved. If there is something you would like to learn or build, contact me or one of the Elmers, or a board member. If no one steps up I will assume that everyone knows all there is to know about Ham Radio. With that in mind I will start asking you questions about Ham Radio.

73, AB8AA

DO YOU KNOW SOMEONE WHO WANTS TO BECOME A HAM?

**TECHNICIAN CLASS Starts January 14, 2015 at ITT-Tech, Austintown, OH
6:30 P.M. till 9:00 P.M.**

Test will be February 18, 2015

For information and book contact Al, AB8AA 330-207-3296 or ab8aa@arrl.net

WE'RE INVITED - A REMINDER

I'm excited to announce that DX Engineering is welcoming Martin F. Jue K5FLU and his MFJ family of companies to our headquarters near Akron, Ohio. We're calling it "MFJ Day at DX Engineering," and I'm extending an invitation to you and your club members. It will be held on Saturday, January 10, from 9:00 A.M. to 2 P.M., at our showroom inside the Summit Racing Retail Super Store at 1200 Southeast Ave. in Tallmadge, Ohio.



Tim Duffy, K3LR
Chief Marketing Officer and General Manager
DX Engineering
1200 Southeast Ave.
Tattmadge, OH 44278 USA
330.572.3200
www.DXEngineering.com



I went to a bookstore and asked the sales woman, "Where's the self-help section?" She said if she told me, it would defeat the purpose. George Carlin

FIRMWARE N5R-20 AND N5R-30 - THE ISSUES AND THE SIMPLE CURES, AUG 18, 2014

Jane, attached is a copy of the notice regarding problems with the BAOFENG radios mfg in time frame noted below, and a cure for the issue from MIKLOR.COM. This might help some people that are having issues. Bob

Radios affected:

- UV5R series radios with N5R-20 and N5R-30 firmware in (Aug-Sept 2014)
- This includes UV5R, RA, GT-3, BFF8, F8HP, etc. (Not UV82 series).
- N5R-20 firmware is found in Dual Power 5W radios, while N5R-30 is found in Tri-Power 8W radios.

Impact: Low

The issue is not critical. It's mainly a matter of knowing that it's there.

It has since been resolved in newer firmware releases. N5R-21x and N5R31x

Issue #1 Receiver Audio is Muted***What occurs:***

- Receiver audio can only be heard if MONI button is pressed.
- When MENU 8 (Keypad Beep) is set to OFF, receiver audio is muted. Setting MENU 8 back to ON returns the audio to normal.
- Simple Work Around: Always leave MENU 8 set to ON.

Issue #2 Receiver Audio is Muted after software update***What occurs:***

- After updating with CHIRP, radio stops working.
- Due to UV5R series firmware changes, CHIRP images from earlier UV-5R radios are not be compatible with the newer UV-5R with N5R firmware.
- Uploading an image file from an older radio to the new radio will cause the newer radio to stop working properly.
- This is not fatal and your radio is not 'bricked'. It simply needs to be restored to its original factory image.
- CHIRP Builds 07172014 and newer will prevent this from occurring.

To restore your radio back to normal operation, you will simply need to run the Recovery Procedure found at www.Miklor.com or

<www.google.com/?gws_rd=ssl#q=www+miklor+com+uv5r+userguide>

After the recovery is performed, using CHIRP's Latest Daily Build will prevent accidental cross programming. CHIRP will now handle these as two separate radios. Each will require its own separate image/data file.

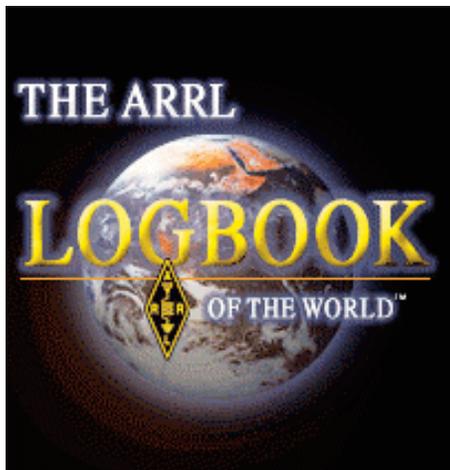
Note 1: This recovery cannot be done with a Menu 40 Reset.

Note 2: This procedure will restore your radios to full normal operation, however Menu 8 will still need to be set to ON, as described above.

New Feature Added - Battery Voltage Display

On a plus note, a new feature has been added. The current Battery Voltage will appear on the LCD by Pressing and Holding the ZERO key. The radio is no longer limited to the tiny icon in the upper right corner of the display.

ARRL'S LOGBOOK OF THE WORLD TOPS 100 MILLION QSL RECORDS!



The ARRL's Logbook of The World (LoTW) online "card-less" contact-confirmation service this week recorded a new milestone — 100 million QSL records out of some 630 million uploaded contacts. That's an increase of more than 18 million QSL records since the end of last year. First described conceptually in the October 2001 QST "It Seems to Us..." editorial, Logbook of The World launched in September 2003. Since then, it has become an accepted Amateur Radio institution — perhaps not at the same level of traditional QSL cards, but close and gaining. The 100 million contact confirmations, ARRL CEO David Sumner, K1ZZ, pointed out, is the equivalent of 200 million QSL cards.

"If placed end to end, that many QSLs would reach more than 17,000 miles — not quite all the way around the world, but enough to qualify as a 'long-path' QSO," he quipped. ARRL CEO Harold Kramer, WJ1B, pointed out that using LoTW can mean a considerable saving in postage for DXers and others over the expense of exchanging QSL cards.

LoTW was an instant success. Within 2 weeks of its debut, the service already had some 2200 registered users and had confirmed some 51,000 contacts out of more than 8 million uploaded. The number of users today number more than 72,000 — up by nearly 10,000 this year alone.

Over LoTW's 11-year lifetime, many logging programs have incorporated features to enable them to interface smoothly with LoTW. Several awards programs, starting with the ARRL DX Century Club (DXCC) award, now rely largely on LoTW to determine whether an applicant has met the award's requirements. It's also made it easier for award seekers to track their progress. LoTW is the primary means to confirm ARRL Centennial QSO Party contacts. The service also supports VUCC, WAS, and WPX.

LoTW is open to all; ARRL membership is not required in order to use LoTW. Applying for a digital certificate is the first step toward taking advantage of the system. The digital certificate authenticates the user's identity. The digital certificate is free, and LoTW only charges when users apply credits toward an award.

Once they have registered and have a valid certificate, users can digitally sign log uploads via the Internet. If the information in a submitted QSO matches the information submitted to LoTW by the other station, LoTW credits both operators and will display the submitted QSO as confirmed.

A call sign certificate authenticates a specific, registered user as the source of each submitted contact, and other users may not see information submitted by other operators. This combination maintains the integrity of the contact verification process that has long been the hallmark of ARRL awards programs.

I ♥ Ham Radio

DOCTOR BOB HEIL



That's "Doctor Bob" to You: Well-known Amateur Radio audio products manufacturer Bob Heil, K9EID, will receive an honorary doctorate on December 20 from the University of Missouri-St Louis. The school will grant Heil, the founder of Heil Sound Ltd, an honorary Doctor of Music and Technology degree for his contributions to the world of broadcast, live, and studio sound and to the Amateur Radio industry. Heil will also speak at the school's winter commencement ceremony. -- Thanks to <http://soundforums.net/> and Southgate Amateur Radio News <http://www.southgatearc.org/>

FINANCIAL WOES REPORTED AT DAYTON HAMVENTION® VENUE, HARA ARENA



Hara Arena — for many years the home of Dayton Hamvention® — is facing some financial issues and has cut back on its full-time staff to save money, according to a WDTN-TV “2 News” account. The Dayton TV station reported on December 2 that the Trotwood complex now has a full-time staff of only 12 employees. Karen Wampler, Hara’s Director of Marketing, told the TV station that it’s difficult for Hara Arena to compete with other Miami Valley venues, such as the Nutter Center at Wright State University, but she hinted at a positive announcement next year.

“As taxpayers, we’re competing against facilities that are subsidized by tax dollars, and because of that, we are struggling to compete,” Wampler said. “The primary challenges are that we need renovation dollars, and the ownership model needs to be changed.” The Wampler family has owned and operated Hara Arena since its humble origins in the 1950s, when Wampler Ballarena — then a dance hall, now an exhibit hall familiar to Hamvention visitors — was built in what had been a family-owned orchard. Hara Arena has since expanded to a 165,000 square foot, six-building complex.

Last year Hara Arena hosted 239 events, including Hamvention, generating an estimated \$34 million in community revenue. Wampler told 2 NEWS that the arena is working with a company called VenuWorks, which specializes in restoring event venues, and she anticipated some “very, very, good news in 2015.”

Hara Arena has hosted everyone from The Rolling Stones and Kid Rock to President George W. Bush over the years. It is home to the Dayton Demonz hockey team.

“There’s a lot of history,” Wampler said. Hara Arena was named by founding brothers HARold and RALph Wampler.

Last year, Dayton Hamvention, sponsored by the Dayton Amateur Radio Association, attracted nearly 25,000 visitors.

YL 33: THE FIRST FEMALE HAM RADIO OPERATORS, AND THEIR AWESOME LEGACY



themarysue.com - Historically, literacy?in its many forms?—has given the marginalized a way to speak and participate in a system that previously prevented them from doing so. And while the printing press revolutionized the way writing was exchanged and shared with the world, the invention of radio as entertainment, emergency, and communication technology had a similar effect on oral storytelling. From this, ham radio, also known as amateur radio, was born as a subset of commercial radio. The appeal of communicating independently to others across the globe struck a chord with many people in the early 20th century?including women looking for ways to paarticipate in war efforts, and connect with other

Zite

women around the world.



I.S.S. Astroviewer
 Check out this website - <http://iss.astroviewer.net/> It not only shows you where the current orbit of the International Space Station in real time, it also shows you (using Google Maps) the area that it is flying over. Really interesting!

THE NOVEL WAY TO LEARN MORSE CODE BY TRAINING YOUR BRAIN

Morse code – get high on it!
 Morse fusion.com <<http://morsefusion.com/>>



Train your brain for CW QSOs

Finally! Morse code training that enables enjoyable QSOs without pencil and paper. You will truly enjoy CW operation once you're not dependent on writing down letters and numbers — just so you can read them back to yourself a moment later!

Ask yourself how many times you've tried to learn to copy in your head only to give up in frustration. That's because any code teaching method that makes use of pencil and paper establishes the wrong habits from the very start.

A far better approach

MorseFusion addresses the fundamental problem encountered by everyone trying to copy in their head: the brain is too busy decoding an incoming character and it simply doesn't have the time to string all the received characters into a word. And forming a meaningful sentence is completely out of the question. But the solution is not to start writing or typing.

It turns out that the most effective way to learn Morse code is with an emphasis on brain training in the initial phases — first becoming very comfortable with text spelled out entirely in spoken English, forming mental words and sentences. It's a required skill that is considerably easier to develop in English than in code because it builds on well established neural pathways.

Then very gradually replace voiced English letters and numbers with the corresponding Morse code — one at a time and at your own pace. This begins to establish new neural connections. With practice, you will be copying text sent entirely in code without typing or writing a single character!

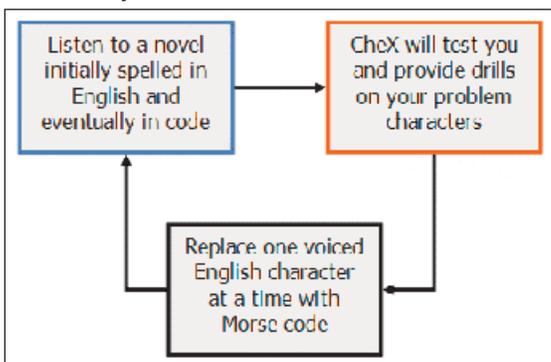
Experienced CW operators can easily do this but usually only after years of brass pounding. You can learn the skill much faster with a MorseFusion subscription.

Learning Morse code with MorseFusion

- Benefit from the latest cognitive training research
- Train your brain to copy at up to 30 words per minute
- No writing or typing except for call signs and such
- 20+ novels with automatic bookmarks and adjustable word spacing
- Adaptable to all code skill levels
- On your Web browser — no software to install
- Make your own CDs or USBs for practice anywhere



Your custom-tailored listening sessions are complemented with CheX, our state-of-the-art intelligent code tutor that will immediately spot your errors and take corrective action. Unlike outdated Morse code trainers, CheX provides custom-tailored exercises with emphasis on your problem characters until you get them right all the time. Only CheX provides instantaneous feedback that is so critical to rapid learning — you know immediately whether you decoded the character correctly.



MorseFusion provides you with a state-of-the-art method to become proficient in Morse code and finally begin enjoying CW. So if you are new to Morse code, or know code but are currently using paper and pencil, or just want to improve your decoding ability, subscribe today and with practice you'll be operating in CW mode at up to 30 wpm.

Will MorseFusion teach me to send properly?

Definitely yes . . . but indirectly and subconsciously. It will train your brain to recognize perfect Morse code and *Continued page 13*

A FEW WORDS FROM OUR SECTION MANAGER

Hi Gang,
Wow, this has really been a year of "change" for sure. The year started out with not only me taking over the reins and completing the term for Frank Piper, KI8GW as Section Manager, but we had a new Affiliated Clubs Coordinator, Sandy Mackey, N8YS and a new Official Observer Coordinator, John Perone, W8RXX stepping in as well. . .

To read his entire message, go to <http://arrl-ohio.org/>

Now, on a personal note. I want to wish each and every one of you a very Merry Christmas and a very prosperous New Year. Even though 2014 was a year for "change", we are very blessed to have a great core of folks who are willing and able to step up to the challenges and make things even better than before.

2015 has the promise of being a fantastic year for Amateur Radio and the Ohio Section. I will do my very best to make it the best year for the Ohio Section ever!

73, Scott, N8SY
ARRL Ohio Section
Section Manager: Scott D Yonally, N8SY
n8sy@arrl.org



"AMATEUR RADIO PARITY ACT" CAMPAIGN WILL RESUME IN NEW CONGRESS



Largely as the result of a grassroots campaign, "The Amateur Radio Parity Act of 2014" (H.R. 4969) attracted the support of 69 members of the US House of Representatives in addition to that of its sponsor, Rep Adam Kinzinger (R-IL). While the just-adjourned 113th Congress did not enact the bill, the effort to gain passage of the legislation will begin anew when the 114th Congress convenes in January. Introduced with bipartisan support last June, H.R. 4969 called on the FCC to apply the "reasonable accommodation" three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions regarding antennas. The limited PRB-1 pre-emption currently applies only to state and municipal land-use ordinances. The FCC has indicated its reluctance to provide the same legal protections from private land-use agreements -- often called covenants, conditions, and restrictions (CC&Rs) -- without direction from Congress. ARRL Regulatory Information Manager Dan Henderson, N1ND,

stressed this week that the fight is not over.

"While we are disappointed that the bill did not make it through the process during the session, the effort was extremely energized by the efforts of thousands of ARRL members who participated in our grassroots lobbying effort," Henderson said. "In just 6 short months we gained tremendous traction for the Amateur Radio Parity Act."

Henderson explained that sometime after the new Congress is called into session in January, a new "Amateur Radio Parity Act" bill with a new number will be introduced into the US House. "Once this happens, the ARRL will gear up for a fresh effort to push this legislation forward," he added.

The ARRL H.R. 4969 web page provides additional information. <http://www.arrl.org/hr-4969>

DUES ARE DUE, PAYABLE BY JANUARY 31, 2015

GOLD MEDAL FOR CAP WAS OVERDUE



Centenarian ARRL Member Says Congressional Gold Medal for CAP Was Overdue - A 100-year-old ARRL member from North Carolina was among those honored on December 10 when the Civil Air Patrol (CAP) received a Congressional Gold Medal for its World War II service, and, for Weldon Fields, W4AJT, of Greensboro, the recognition was long overdue.

Lt Col Weldon Fields, second from right, enjoys a moment with fellow CAP members (L-R) Sgts Edsel B. RivenBark, Bill G. Haire, Tyler B. Dunlap Jr, and Carl E. Lucas. Capt Edwin T. Howard is on the right. This photo was taken in 1944 at Tow Target Unit No 21, Monogram Field in Suffolk, Virginia. [Photo courtesy of CAP via the North Carolina Archives]

During the war, Fields volunteered to become a member of a CAP contingent at Base 16, near Manteo, on North Carolina's Outer Banks. CAP pilots were carrying out anti-submarine missions to thwart submarine attacks off the US East Coast, and volunteers like Fields were needed to provide aircraft-to-ground radio communication. According to CAP, Fields, who became a CAP lieutenant colonel, was responsible for maintaining communication from the base to the planes. He also contributed his own Amateur Radio gear to the base, back in an era when equipment was anything but small and lightweight.

"I took my radio down there, and lo and behold, the stairs to the second floor [where the radios were located] were about as wide as my radio," Fields recalled. "We got it up there, and it worked okay, but it was kind of a chore." CAP observer planes flew each day from sunrise to sunset, Fields recalled, keeping the radio operators busy modifying and repairing aircraft radios. While his primary work was as a communications officer, Fields also flew some 200 to 300 hours as a mission observer.

"The wartime communications systems and procedures put in place by Col Fields and his peers laid the foundation for what is now a world-class, nationwide communications system operated by Civil Air Patrol, said CAP Col David Crawford, the North Carolina Wing commander.

"I'm proud to say that from the day we sent the first flight out, there was not another sinking of our boats or any kind of ship," Fields said. Once the German submariners learned of the CAP air patrols, they were afraid to surface.

Forty-six founding CAP members were on hand in Washington, DC, for the presentation, representing the more than 200,000 CAP volunteers during World War II.



PASSING THE BUCK / THE BUCK STOPS HERE

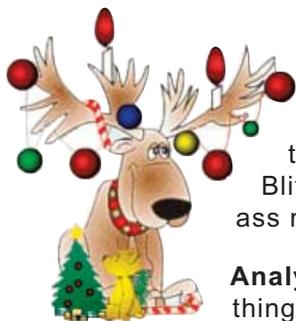
Most men in the early west carried a jack knife made by the Buck knife company. When playing poker it as common to place one of these Buck knives in front of the dealer so that everyone knew who he was. When it was time for a new dealer the deck of cards and the knife were given to the new dealer. If this person didn't want to deal he would "pass the buck" to the next player. If that player accepted then "the buck stopped there".

The Ginger Bread House I made for Christmas

Write me if you want the recipe - ed



REMEMBER THIS AT CHRISTMAS 2015



According to the Alaska Department of Fish and Game, while both male and female reindeer grow antlers in the summer each year, male reindeer drop their antlers at the beginning of winter, usually late November to mid-December. Female reindeer retain their antlers till after they give birth in the spring. Therefore, according to EVERY historical rendition depicting Santa's reindeer, EVERY single one of them, from Rudolph to Blitzen, had to be a girl. We should've known... ONLY women would be able to drag a fat-ass man in a red velvet suit all around the world in one night and not get lost.

Analysis: Well, look. If we're really going to let science be our guide in this matter, the first thing we have to admit is that reindeer don't fly, let alone haul a jolly fat elf around in an airborne sleigh. And if we start down that slippery slope, there's only one conclusion we can possibly reach: Santa Claus doesn't exist. That way lies madness. (*don't let the kids read this*)

Thankfully, there's a loophole - It is a fact, reindeer experts say, that both the male and female of the species have antlers. It is also a fact that while most cows retain their antlers until spring, most bulls drop their antlers by early December. Which is worrisome, I know, but the key word is most.

The experts go on to explain that some younger bulls, depending upon hereditary and environmental factors, may keep their antlers well into spring — even as late as April.

So it is plausible to suppose that if, for the sake of argument, if there were a Santa Claus, and if, for the sake of argument, he did circumnavigate the globe in a reindeer-powered sleigh every December 25th, then at least some of those reindeer — including one in particular with a shiny, red nose — could be males.

Chalk one up for tradition, if just barely.

'A SHOT OF WHISKEY'

In the old west a .45 cartridge for a six-gun cost 12 cents, so did a glass of whiskey. If a cowhand was low on cash he would often give the bartender a cartridge in exchange for a drink. This became known as a "shot" of whiskey.

THE WHOLE NINE YARDS

American fighter planes in WW2 had machine guns that were fed by a belt of cartridges. The average plane held belts that were 27 feet (9 yards) long. If the pilot used up all his ammo he was said to have given it the whole nine yards.



HAPPY BIRTHDAYS THIS MONTH

W0JO	Joe	Wojtowicz	1/4
KD8YMI	Candy	Davis	1/9
NR8W	Russ	Williams	1/13
KD8SNA	Dennis	Marko	1/17
KD8PBW	Ted	Baylog	1/24
KC8WUX	Mike	Austin	1/31
KC8WY	Dave	Beaty Sr.	1/31
KD8DWV	Liz	Beatty	1/31





January 2015



PREPAREDNESS LEADS TO READINESS - MATT W8DEC

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				<p>1 Happy New Year</p>	<p>2 WRARC Net 9:00PM 145.270</p> <p>Elmers Net right after</p>	<p>3</p>
<p>4</p>	<p>5 ARES Net 8:30 PM 146.745 PL 110.9</p>	<p>6</p>	<p>7 Skywarn 8:30 P.M. 146.745</p> <p>Orthodox Christmas</p>	<p>8</p>	<p>9 WRARC Net 9:00PM 145.270</p> <p>Elmers Net right after</p>	<p>10</p>
<p>11 After the Holidays Annual Meeting 3:00 P.M. A La Cart Catering</p>	<p>12</p>	<p>13 Ham Breakfast Eat'n Park Boardman 8:30 A.M.</p> <p>Board Meeting Eat'n Park Boardman 7:00 P.M.</p>	<p>14 Tech. Class Starts @ ITT</p>	<p>15</p>	<p>16 WRARC Net 9:00PM 145.270</p> <p>Elmers Net right after</p>	<p>17</p>
<p>18</p>	<p>19 ARES Net 8:30 PM 146.745 PL 110.9</p>	<p>20</p>	<p>21</p>	<p>22 Answer Your Cat's Silly Questions Day</p>	<p>23 WRARC Net 9:00PM 145.270</p> <p>Elmers Net right after</p>	<p>24</p> <p>WaveBender Articles Due</p>
<p>25</p>	<p>26</p>	<p>27 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast</p>	<p>28</p>	<p>29 Extra Class starts @ ITT</p>	<p>30 WRARC Net 9:00PM 145.270</p> <p>Elmers Net right after</p>	<p>31</p>