



The Wave Bender

January 2013

PRESIDENT'S JANUARY QST



Happy New Year everyone. The board would like to know what you want the club to do this coming year. This is your club not the board's. If you do not tell us what you want, there is no way we can plan for another successful year. So step up, and talk to one of the board members, or bring it to my

attention, and we will go from there.

It's time to start thinking about Field Day. With the winter weather not looking that good. This is a good time to build something, work some DX, or try and get your DXCC, WAS, WAZ, WPX and WAC.

I am planning to have a soldering workshop January 12, 2013 at 9AM at ITT Tech in Y'town. If you are coming, please let me know and bring *Continued page 2*

THE JOURNEY FORWARD



This is the time when we generally reflect on what happened in the year that is about to leave us. In 2012 a number of you joined the Amateur Radio community by passing your Technician's test and getting on the air with your first piece of equipment. Congratulations, again, on these first steps. To those of you who were already hams, and upgraded your cer-

tifications, congratulations as well. We applaud your commitment to increasing your knowledge and commitment to the hobby.

So here we are, or will be, in 2013...now what? As we look forward into WRARC's fourth year there are a number of items you are encouraged to be aware of and participate in:

- **Field Day** – It isn't that far away...look for better ways you can prepare for and participate in this event. Our meeting programs through June will be focused in support of raising the bar for Field Day.
- **Increase Your Knowledge** – Our hobby isn't static! Learn more about your equipment, take a FEMA class, upgrade your license certification level, or become an Elmer to a newer ham.
- **Become Better Prepared** – 2012 taught us very clearly that disasters strike where we least expect them to, or they haven't previously been known to occur. Know how to better prepare you and your family for these situations.
- **Getting The Word Out** – We will be promoting a more one-to-one delivery of the message of Amateur Radio to our communities. Take one of the new club posters, pass it along to a friend or colleague, or ask a local shop or community center / library to post it for you.

Moving Amateur Radio, and WRARC, forward depends on all of us. In the coming months find what you can do, or best fit into, to move us all forward. We all have value in our respective ways. Look ahead, be aware, and adapt.

Best wishes for a happy, healthy, and successful New Year to you and your households.

-73- Robert (KD8OXJ)



Officer's Meeting: No separate officers meeting this month.

Annual Meeting: Jan. 13 3:00 P.M. A La Carte Catering

Program: 3rd Annual After the Holidays Dinner and get together, and Installation of our 2013 Officers

2012/13 Officers:

President: Al Avnet, AB8AA ab8aa@arrl.net
VP: Robert Webster, KD8OXJ rswebster@mail.com
Secretary: Jane Avnet, K8JAA k8jaa@arrl.net
Treasurer: Maureen Stein, KD8NXS mfstein@zoominternet.net
Trustees: Ted Filmer, KD8IJE efilmer@aol.com
Roy Haren, KD8IJF harens@juno.com
Steve Fabry, KC8SOY kc8soy@yahoo.com

Social: Maureen Stein, KD8NXS mfstein@zoominternet.net

Publicity: Robert Webster, KD8OXJ rswebster@mail.com

Newsletter & Web: Jane Avnet K8JAA k8jaa@arrl.net

Badges: John Fabry, KC8SPF jonnyjukebox@sbcglobal.net



2013 Dues are Due!

STATEHOUSE HAPPENINGS A CHRISTMAS PRESENT FOR OHIO HAMS

Okay, so H.B. 158 wasn't exactly delivered on Dec. 25, but it does represent a large benefit for Ohio amateurs and marks the culmination of nearly five years of legislative effort. H.B. 158 is Ohio's antenna bill, giving radio amateur antenna requests a strong preference in local zoning decisions. While it doesn't solve all of our problems, such as deed restrictions or neighborhood and condo agreements, it goes a long way toward helping those who would otherwise be limited by city, county or township zoning ordinances.

The Bill became law in Ohio on August 15 and with it Ohio joins 26 other states that have passed state laws similar to the FCC regulations designated as PRB-1, regulations which prohibit state and local governments from imposing unreasonable limitations on amateur antennas.

Of course our legislative Santa had some help in this effort and now is a good time to once again thank the "elves" who helped make Ohio's antenna law a reality. First on the list, of course is the "chief elf" , our Section Manager Frank Piper, KI8GW. Frank was there whenever needed and he was needed a lot, both as a legislative witness and an advisor. Right behind Frank was Terri Kovalchik, N8TLK whose research and organizational skills made the effort possible. In addition to attending hearings and keeping us organized, Terri did a review and summary of existing legislation in every state that had passed "PRB-1 like" legislation that provided impressive background information for our legislative sponsors.

In addition to Frank and Terri, our effort was supported with an impressive array of amateur radio background and experience as evidenced by our legislative witnesses who gave their personal time and effort to help often-confused legislative committee members understand why radio transmissions require antennas. That group of dedicated "elves" included Rick Swain, KK8O (also, often called upon for help), Bill Carpenter, AA8EY, Steve Katz, N8WL, Don Kovalchik, W8DPK, Dr. Bob Lewis, N8GU, and John Tipka, W8UL. A special thanks also goes to Capital University law professor Jeff Ferriell, K8ZDA, for his help in addressing the Home Rule issues that seemed to trouble some of the legislators. Numerous others, too many in numbers to list here, also helped with guidance, suggestions, calls and emails. Thanks to all of you. Your efforts have made Ohio a better place to be a radio amateur and a safer place for all Ohioans in times of emergency. Happy New Year and 73.

Nick Pittner, K8NAP
Ohio State Government Liaison
K8nap@arrl.net

PRES. QST - CONTINUED FROM PAGE 1

some coax and connectors. We will go over the proper way to install them, and then how to do a proper tape job to seal them against the weather.

It is 'Dues are Due' time. They need to be paid before January 31. If you read the By-Laws, Section 2d - if not renewed by the 31st the dues and the initiation fees apply.

73, AB8AA, ab8aa@arrl.net

Amateur Radio is a Hobby, Emergency Communications is a Commitment!

Communication Unit News

The Communications Unit will have its first monthly meeting/training on Saturday, January 26, 2013 at 9:00 AM at ITT Tech in Y'town.

Anyone that wants to join the Unit please contact Al <ab8aa@arrl.net> or 330-549-3051

WEB PAGE UPDATE

We have recently updated the Club web page by adding a new tab to the web site, "Members Only." The new tab contains items that are only meant for you the members. It contains the Constitution & By Laws, a Membership list, and the Current minutes. This site is password protected. The logon and password have been sent to you in an email.

This new tab is for MEMBERS ONLY, please do not share it with anyone. The membership list is complete except for the information that you have asked us not to publish. If you have an idea on how we can further improve the site, please let one of the officers know your thoughts.

Thanks to everyone who has contributed to the Wave Bender in 2012, we are looking forward to hearing from you in 2013. What makes a newsletter interesting is input from members. Whether it's the nonsense from the internet, articles about your experiences, or questions that you've asked, and we answered, that someone else might be wondering about, Thanks so much. WRARC is looking forward to another great year. Get involved, and attend the upcoming workshops and classes.

Have a Happy, Healthy, and Prosperous New Year to you all!



Articles from members for the Wave Bender are encouraged. They must be received by the editor three days before the end of the month. Please send your articles to: **k8jaa@arrl.net**, put WRARC on the subject line of your email. You may also send your articles to the editor at:
 Jane Avnet
 2050 E. South Range Rd.
 New Springfield, OH 44443

WHERE DID "HAM" REALLY COME FROM?

Gary Pearce KN4AQ

So, where did the term Ham really come from? There is a story that is often repeated as fact, about the little "Hyman-Almy-Murray" station at Harvard University that saved Amateur Radio from hostile legislators in 1911. That story is told and debunked on today's Harvard Wireless Club's web site: www.hcs.harvard.edu/~w1af/hamorigin.html.

The real truth is... nobody really knows. But the search is fascinating. There's lots of information on the web, and if there's a "smoking gun" that reveals all, it's probably hiding in an article or letter from an old telegrapher back in the 19th century.

But there are some clues. The first-ever mention of the word "Ham" in QST comes in the November, 1916 issue, in an article titled Rottenest Luck Ever, by an author using the pseudonym "El Amateur." QST was less than a year old at this point, and it was a fairly stuffy magazine, except for a popular series of articles under the theme Rotten this and Rotten that. The initial articles were written by ARRL founder Hiram Maxim W1AW, disguised under the name "The Old Man." He used the articles to complain about bad operating, bad conditions, and bad luck in general. Soon the style and the "Rotten" thread were picked up by several other anonymous authors. El Amateur told a story of woe about trying to keep an antenna up and working, and concluded with the phrase "Say fellow "Hams", doesn't this beat 'em all?"

The term "Ham" pops up here and there over the next few years of QST, becoming increasingly common, until in November of 1923, the Classified Advertisements section, a QST staple since the first issue, took the name Ham-Ads. Interesting, but it really doesn't shed much light on the origin of the term. It does show that "Ham" was in popular use, at least informally, from QST's inception, if not before. But it wasn't a big enough deal to write about.

In October 1926, a QST article simply titled Ham, by C.E. Tamm (no callsign listed) of Milwaukee, Wisconsin, finally tells the story. He wrote, "Long before Marconi and DeForest had produced anything that would transmit characters without the aid of wires there were 'Hams'. To the railroads goes the honor of producing the real dyed-in-the-wool 'Ham.'" Tamm says the term "Ham" was a com-

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WRARC Communications Team Net
Friday Nites 8:00P.M.
145.270, PL -110.9
Net Control will be rotated

Join us for the WRARC
Friday night Net 9:00 P.M.
145.270, PL -110.9
This is our weekly net, with
all interested members
taking a turn at
Net Control
Contact Steve, KC8SOY
to take a turn
330-774-6346

Upcoming Net Control Operators
Jan. 4 AI AB8AA
Jan.11 Russ NR8W
Jan.18 Roy KD8IJF
Jan.25 Joe KD8RCC

Ask The Elmer Net
Right after the Friday Night Net
Starting again in February
KC8SOY Moderator

W8SGT is facilitating an HF net
every Tuesday - 1800 (6:00 PM)
The net is run from the
State of Ohio EOC on the
Ohio ARES Admin
frequency 3875 KHz LSB.
All are welcome to check in.

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

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

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



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	kc8wy@zoominternet.net
Fabry, Steve KC8SOY	Yaesu FT8900, FT8800, Mobile	kc8soy@yahoo.com
Haren, Roy KD8IJF	???	harens@juno.com
Webster, Robert KD8OXJ	erecting antennas	rswebster@mail.com
Williams, Russ KD8LDY	Electrician, tele-data, Amateur Extra	russellwhoknew69@aol.com



FREEZE YOUR ACORNS OFF – 2013

The 8th annual PCARS Freeze Your Acorns Off (FYAO) event is scheduled for Saturday, February 16, 2013. We've been pretty lucky the last few years as far as weather goes, so maybe, just maybe, we'll have a cold, snowy, blowy day to get out and play QRP radio! While FYAO is a special event operation to the rest of the world, it's a contest amongst us PCARS members. KC8UNR, aka "Klondike Mike", is still the one everyone needs to be gunning for.

We'll be at the Roy Smith Shelter House in Fred Fuller Park again this year. The shelter house is a great spot to hang out and warm up, say hello to your friends and get some good eats. It's got indoor facilities, too! If it gets cold enough there's a fireplace that can add lots of warmth and atmosphere. We've learned it's not the best place to set up a competitive station, but if you want to operate from indoors, Mike, KC8UNR at FYAO 2012 you can do it



from there. We have the use of the whole park, so the best plan if you want to be competitive is to set up somewhere out in the park where you won't have all the local QRM to contend with. Bring a tent, a trailer or whatever kind of shelter you can muster.

Set up begins at 9:00 AM and the actual contest runs from 10:00 AM until 4:00 PM. Put it on your calendar, tell everyone you know to come out and watch for a QST emailing with complete details!

We will be active on CW & SSB in the General areas of the 15, 20, 40 and 80 meter bands (Echoline on the K8SRR echo link node) and anything else we can get working. Club Call Sign K8BF for a certificate.

Other participating stations will be using their own callsign/FYAO, or calling "CQ FYAO" (only stations at the Freeze Your Acorns Off event should use the /FYAO designator). So, from the comfort of your warm radio shack - give us a contact while we're out freezing. We'll need all the contacts we can make to help keep us warm. Your support will be very much appreciated!

Tom, WB8LCD

Where: Fred Fuller Park - 497 Middlebury Rd., Kent, OH at the Roy Smith Shelter House

When: Saturday - Feb. 16, 2013

Set up: 9am

Operating Time: 10am - 4pm EST



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

FROM THE SECTION MANAGER'S DESK



As the year is winding down, I'm taking care of the remaining 2012 details for the Ohio Section, and getting things ready for a great 2013! The Section Cabinet and I are getting our travel plans together for Hamfests and club meetings. If you want one of us to attend your meeting, please give me a shout!

All of the ARRL Field Service Organization programs are running well in the Ohio Section. The two fastest growing programs in 2012 were the ARES and the Official Observer programs. Both of these programs witnessed an increase of volunteers joining their ranks.

A new program will be added in 2013, "Educational Outreach." This program is still in development. A new Assistant Section Manager will be announced after the first of the year, who will head up this program. The main mission of the program will be to make contact with each and every school in the Ohio Section, to make them aware of the benefits of Amateur Radio in their curriculum, and to also present all of the resources the ARRL makes available to Teachers and School Clubs. I am very excited about this new direction we are taking, and being a part of a continued growth of youth in our ranks.

In closing, I, Jackie (KC8ESO), and Hanna (still studying her Tech books), wish each and every one of you a Blessed, Safe and Happy New Year!

73,

Frank Piper, KI8GW
ARRL Ohio Section Manager
ki8gw@arrl.org

INSIDE THE WEB

Hi Gang,

Well, here I am in Romeoville, Illinois.. Yes, I'm on a customer visit. I wish it were just to visit, but I'm here to troubleshoot a problem my customer is having. Now you're asking where's Romeoville? Help, it's a suburb of Chicago. It's on the Southwestern side just a little bit north of Joliet.

This month's assignment from Frank was that each of the Cabinet members writes a year-end report so that all of you could get a better idea of what all of us that serve YOU have been up to this year. So, without further ado, here's my report..

1. The New Year started off by introducing an all "NEW" website. <<http://arrl-ohio.org/>> One more user friendly and for not only the computer user, but also more easily loadable on the new smart phones as well. It was made cleaner and much faster to load.
2. A more robust ARES section with advance secu-

INSIDE THE WEB - CONTINUED FROM PAGE 4

rity features. This allows for more sensitive data to be stored and accessible by the EC's and DEC's and to make a common place for this material for them to quickly and easily access in times of need.

3. Surveys there's been a number of them over this past year. They were a big hit with most of you, as that the responses were numerous and the comments from you were utilized in a number of different ways.

4. A more robust ARES reporting form. This updated form has a lot better tracking ability so if you have problems with submission or you just can't remember if you have submitted it or not, I can help you out.

5. Several new reporting forms were added this past year. The ever popular PSHR report as well as the Members Traffic Report form as well. These forms are there for you to use and take advantage of.

6. A more advance photo gallery for those special photos of events around the state. This new photo gallery allows you to now only view all the photos in a thumbnail, but you can also pull up the full size photo too. There's also a feature built on to this gallery that will allow you to download any picture that you may want a copy of. This means that you can obtain any of the pictures found on the website easily and without having to request them.

7. The ever popular Google Calendar followed over to this new website as well. Many of the clubs are finding it very useful for posting special events, classes, meeting nights, and even nets. It's there for you to post to.

8. Blogs now no decent website would go without a blog or two. And yes, we have several as well. Right now the ARES blog is offering to email you when someone writes something in the blog. This can be a very handy tool for keeping everyone up-to-date on things concerning ARES functions.

9. And finally, we are utilizing the websites "list-server" abilities in emailing those who want to be kept abreast on any of the Ohio Section notifications.

These are just some of the highlights of what has and is happening at any given time on the Ohio Section Website. It's constantly being updated and improved through your input. Please, let me know if there is something that you would like to see on the website.

This is your website; you don't have to be an ARRL member to use it or to take advantage of its services. I'm always open for suggestions and new ideas for the website. So, for now, 73 all.

Scott Yonally, N8SY
Assistant Section Manager / Webmaster
n8sy@n8sy.com

HAM - CONTINUED FROM PAGE 3

mon one for 19th century wireline telegraphers. It referred to new operators on the wire, usually youngsters who had been working around the telegraph office doing difficult, odd jobs for some time, looking to work their way up to the coveted job operating the key. At midnight, when the office was closed, the kids took over the wire and practiced, until one day they were good enough to take their exam. If they passed, they got the job and became telegraph operators. "Then he became, in the parlance of the commercial and railroad operators in the relay office, any number of dashed and blanked kinds of a 'HAM!'"

Mr. Tamm doesn't know why the telegraphers, an old and legendary species even back 1926, called their newcomers Hams. The origin was already lost to time. But he explains that "it is generally conceded that the term 'Ham' was applied to the plodding student because his Morse characters sounded a great deal as if they were being formed by a huge ham instead of a hand, on the sending key." His theory is that the term simply transferred from wire to ether when radio came along.

But that leaves the term as an insult, if sometimes an affectionate one. The transformation to a term of endearment remains a missing link.

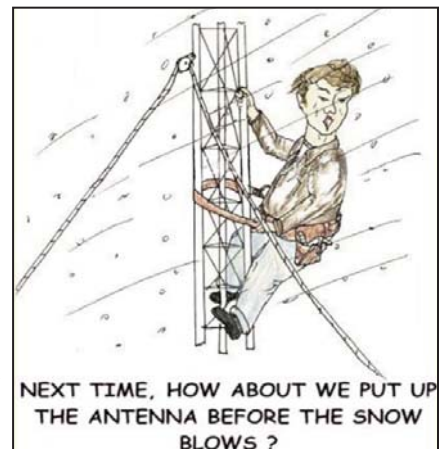
An article in the 1969 ARRL Operating Manual confirms the notion that Ham came from the wired telegraph operators. Louise Ramsey Moreau W3WRE found this definition in G.M. Dodge's The Telegraph Instructor, a book that predated radio:

"Ham: a poor operator. A 'plug'"

Louise adds that in the early days of radio, when a single broad spark signal occupied essentially the whole usable spectrum, and two amateurs chatting across town blocked all signals from commercial and military stations, the wire telegraphers-turned-radio operators would signal each other "SRI OM THOSE #&\$!@ HAMS ARE JAMMING YOU." She speculates that "Amateurs, possibly unfamiliar with the real meaning of the term, picked it up and applied it to themselves in true "Yankee Doodle" fashion and wore it with pride. As the years advanced, the original meaning has completely disappeared."

Perhaps. Probably. Sounds good to me. But evidently as it happened, nobody wrote it down. We may never know for sure.

I always thought it meant "Haven't Any Money." - ed



January 2013

National Mentoring Month



		<p>1</p> <p>Happy Birthday KD8SNA </p> <p>Happy Birthday KD8RCC </p>	2	3	<p>4</p> <p>Comm. Unit Net 8:00PM WRARC Net 9:00PM 145.270</p>	5
6	7	<p>8</p> <p>Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast</p>	9	10	<p>11</p> <p>Comm. Unit Net 8:00PM WRARC Net 9:00PM 145.270</p>	<p>12</p> <p>Soldering Workshop 9:00 AM @ ITT</p>
<p>13</p> <p>WRARC Annual Meeting 3:00P.M</p> <p>Happy Birthday NR8W </p>	14	15	16	<p>17</p> <p>Ditch New Years Resolutions Day</p>	<p>18</p> <p>Comm. Unit Net 8:00PM WRARC Net 9:00PM 145.270</p>	19
<p>20</p> <p>NO Board Meeting Tonight</p>	21	<p>22</p> <p>Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast</p>	23	24	<p>25</p> <p>Comm. Unit Net 8:00PM WRARC Net 9:00PM 145.270</p>	<p>26</p> <p>Comm. Unit meeting 9:00 A.M. @ ITT</p>
27	<p>28</p>  <p>WaveBender Articles Due</p>	29	30	<p>31</p> <p>Happy Birthday KC8WUX KC8WY KD8DWV </p>	<p>2/1</p> <p>Comm. Unit Net 8:00PM WRARC Net 9:00PM 145.270</p>	2/2