

The Signal Report

A Publication of the Greenwood Amateur Radio Society (GARS)

VOLUME 17 ISSUE 5

MAY 2020

[HTTP://WWW.W4GWD.ORG](http://www.w4gwd.org)

[W4GWD@ARRL.NET](mailto:w4gwd@arrrl.net)

2020 CLUB OFFICERS

President

Adam Shirley, WJ4X

Vice President

Ken Trapnell, KQ4RB

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Tedd Davison, AI4WN

Repeater Trustee

Buddy Willis, W4DEW

Activities Manager

Andy Bagwell, KN4DYV

Editor in Chief

Michael Wills, KA4CSM

The W4GWD Repeater Network

147.165+ t107.2

Echolink: 584003

443.900+ t107.2

W4GWM/R

145.420- DV

W4DEW/R

146.910- t123.0

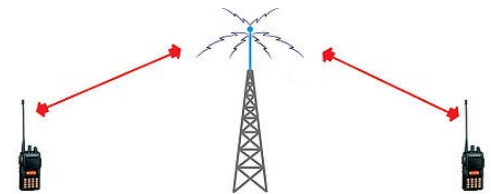
WJ4X/R

442.600+ t107.2 / DV

Ham Radio - Social Distancing for Over 100 Years



May 2020 Meeting



Our Club normally meets at the Westminster Presbyterian Church, located at 2330 Cokesbury Rd, Greenwood, SC. We meet on the 2nd Tuesday of each month making our May meeting on the 12th. It will be once again be held "On the air" at 8 p.m.. A net roll call will be taken and it will become the official attendance roster for this meeting. The clubs 2m (147.165) and 70 cm (443.900) repeaters will be linked during that time. Don't miss it. Everyone please stay safe, continue to **practice social distancing** and the **frequent washing of hands**. This to will pass.

Greenwood Amateur Society Recurring Events:



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Chat 'N' Chew

Every Friday at 11:30am the members of the Greenwood Amateur Radio society meet at a local restaurant. Please check in to our Monday or Thursday radio net weekly, as locations change. Everyone is welcome to have lunch or sip your favorite beverage and chat for a while. Dutch treat. **These are suspended until further notice.**

Weekly Nets

Each Thursday night at 9pm on the 147.165+ machine, The Greenwood Amateur Radio Society holds our weekly 2 meter net. Our UHF net on 443.900+ is held Mondays at 8pm

Help spread the word for everyone to check-in to our net. If you would like to fill in or be a backup net control please contact Tedd Davison AI4WN@arrl.net

VE Exam Session

The GARS ARRL Volunteer Examiners (VE) Team testing. The next testing date is still **to be determined.**

If you have any ideas for books you'd like to see in the GARS Library, Contact Mitch KJ4JGP

Congratulations!!

Happy Birthday!

John Fradella	N4FJ	May 3
Theaster Willis	Fmy Mbr	May 10
Andy Bagwell	KN4DYV	May 17
Teddy Johnson	AE4TJ	May 17
Richard Donald	N4LRD	May 21
Tom Blease	KO4CM	May 22
Elizabeth Meadows	W2LIZ	May 26

Happy Anniversary!

David (AJ4PU) & Margaret (KJ4HDK)
Haynes
May 14
Dan (KM4AJ) & Christy Curry
May 20

Are you an ARRL Member? Joining ARRL helps protect our rights as Amateur Radio Operators as well as providing education, QSL Bureau, technical advise, and the ARRL VEC. <http://www.arrl.org>





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Gordon West explains Tropospheric Ducting

<https://m.youtube.com/watch?feature=youtu.be&v=uY2QunXXNPE>

Why upgrade to Extra?

<https://www.onallbands.com/why-upgrade-to-extra/>

Anybody recognize him? Hint, he was a popular figure in the 50's.



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1935 Radio Mans Guide

https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.americanradiohistory.com%2FArchive-Radio-News%2FRadio-News-Specials%2FRadio-News-Radio-Man%27s-Guide-1935.pdf%3Ffbclid%3DIwAR01tI28MMUXwNySg71Ez3xksZzT-6oEAnM6kfCgcRnGrbfkEMxJM8qan_Q&h=AT0I-LujbnNpBxs2-IOI_L1zcfkOL-YNzk3prV8Nb9WJooq8Ed9TmhXxIhNT4QM-x-Ux-9oU34W8wjz3ZqgxjY_K1lhr1cNHQpbEM7EJG6GiJ3BdgiEHatK7DEFqp1dxU8SHoMQSWkxDDWF5k_0jURiSFscZsKhc

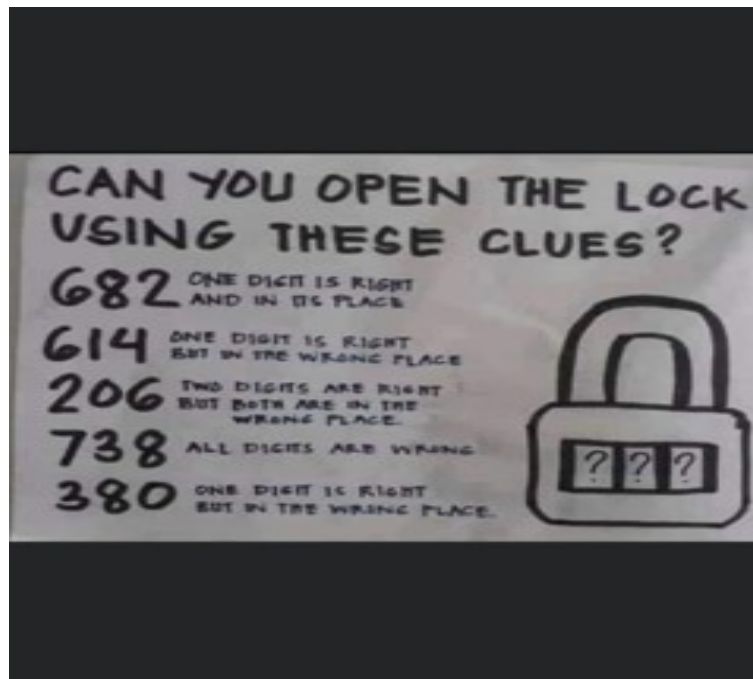


Many have asked about the availability of ham related decals, coffee mugs, license frames etc. I ran across the following links.

<https://www.thesignman.com/>

http://www.hamcrazy.com/index.php?main_page=index&cPath=14_21

Not Ham related but kinda fun. The wife and I spent at least 20 minutes before we agreed on an answer. It's not as easy as you might think, answers must meet the criteria *of all 5 hints*. [E mail](#) me your answers and I will publish the call signs of those who get it right in the June newsletter.





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Q Codes AF5NP

Back in the ham-speak topic we noted that ham radio vocabulary includes plenty of jargon and lingo. As mentioned there, it is best to not use too much ham-speak on the air, since plain language is preferred for voice modes (phone) but in reality you still hear many code words and abbreviations being used.

2015-G1B07: What are the restrictions on the use of abbreviations or procedural signals in the Amateur Service?
They may be used if they do not obscure the meaning of a message

You will run across many terms on the air as well as in books and magazines and perhaps in email that are cryptic to the new or prospective ham. To help you with this we will present the topic of Q-codes here.

The Q code (or Q-code) is a standardized collection of three-letter codes, all of which start with the letter Q, where each code has a particular meaning. These brevity codes were originally developed for commercial radiotelegraph use but were quickly adopted by amateur radio operators. Although Q codes were created when radio used Morse code exclusively, they continued to be employed after the introduction of voice transmissions. Some history on Q-codes can be found [here](#) and [here](#) and [here](#).

Listed below are ten Q-codes the average ham is most likely to hear (in the author's opinion), along with their meaning and common usage:

- QRM- Man-made interference, interference from other stations.

Q Codes (Continued)


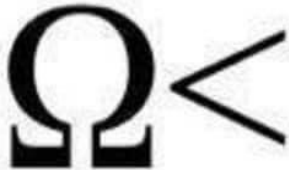

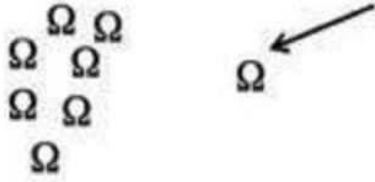


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- QRN- Natural interference, typically static or crashing from thunderstorms.
- QRP- Low power transmit, generally 5W or less.
- QRT- Quitting; stopping transmission or shutting down station.
- QRZ- Who is calling me?
- QSB- Fading signal.
- QSL- I acknowledge receipt; also confirmation of contact.
- QSO- Conversation, radio contact and exchange.
- QSY- Change frequency.
- QTH- Location.

You should be familiar with at least these and perhaps some others as well. Comprehensive lists of Q-codes can be found [here](#) and [here](#) and [here](#).

 <p>Mobile Ohm</p>	 <p>Ohmless</p>
 <p>Ohm on the Range</p>	 <p>Ohm Alone</p>



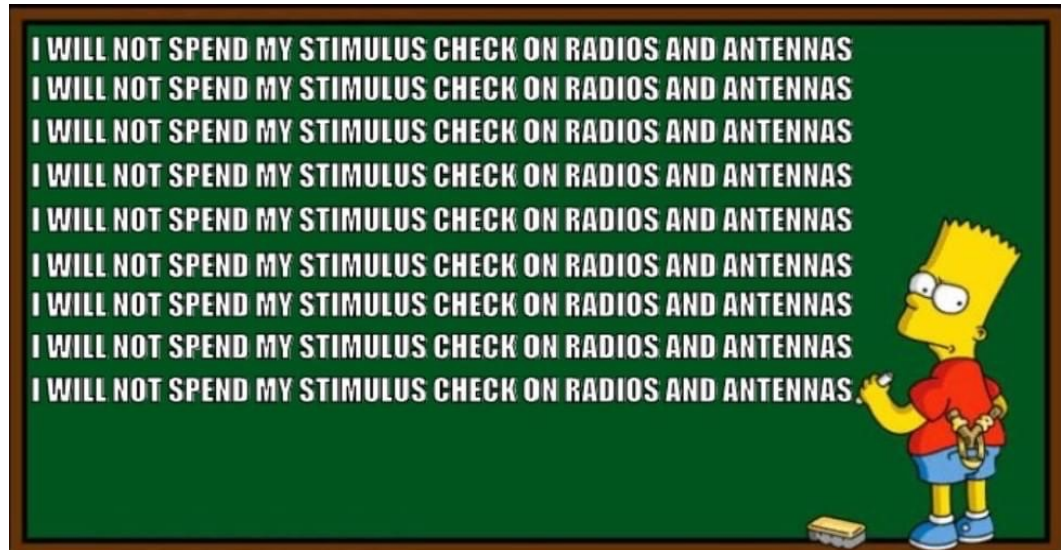
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The date is set for the Greenwood Amateur Radio Society Hamfest. It will on the 9th of January 2021. Tedd, AI4WN has done an excellent job in putting this all together for many years. He is seeking some assistance in planning and coordinating it. Please contact [Tedd](#) if you are willing to help in anyway. He is also soliciting fresh ideas. Please comment on including Arts & Crafts tables at the venue, incorporating local computer stores, vendors of hats, id cards, license plates and embroidering same etc. Either contact Tedd or bring comments and point of contacts to our next meeting.



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Field Day is fast approaching. Providing the virus is behind us and restrictions lifted it will be held on the 27th of June 2020 at the Coronaca Baptist Church. We need your input as to what you would like your clubs Field Day to include. Also need someone to organize it. If this interests you please contact Adam, [WJ4X](#). Bring all ideas, suggestions, resources, etc. that you would be willing to supply to our next club meeting.



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Amateur Radio

/noun/
- a hobby, where people talk about their hobby, using their hobby.



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Beethoven's Fifth Symphony who hasn't heard its familiar first four beats? Dit dit dit Dah What relevance does it have to amateur radio or specifically Morse code? Perhaps none, decide for yourself.

<https://www.cmuse.org/beethovens-fifth-symphony-and-morse-code/>

<https://www.bing.com/videos/search?q=beethovens+5th+sound+byte&view=detail&mid=25744D08BB5D7BFE152325744D08BB5D7BFE1523&FORM=VIRE&cc=US&setlang=en-US&cvid=85fd76688cfe48909dee864f4d785aaf&q=SW&nclid=E32CD86C7D04CAC8918DBB97C4853E1F&ts=1586910892645>

All of our Greenwood Amateur Radio Society members do not belong to our National Organization, the **American Radio Relay League**. The links below describe some of its history and benefits to becoming a member.

<https://en.wikipedia.org/wiki/ARRL>

Two more good reasons to become an ARRL member. In addition to supporting our National Organization you receive “QST” magazine and its digital companion “On the Air.” Two more digital magazines will be released in May/June 2020. They are shown below and if you are a ARRL member can be accessed through ARRL.org.



HAMFESTS & EVENTS

[Dayton Hamvention](#), May 15-17, 2020 **Canceled**

Greenwood Amateur Radio Society (GARS) Field Day, June 27, 2020, details to follow

[Shelby Hamfest](#), 4-6 September 2020

[Blue Ridge Amateur Radio Society](#) Upstate Hamfest,, 12 September 2020

Greenwood Amateur Radio Society Hamfest (GARS) January 9, 2021

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- * The American Radio Relay League protects our rights as Amateur Radio Operators <http://www.arrl.org>
 - * Support for SERA supports proper coordination! <http://www.sera.org>
 - * Remember your local and regional interest clubs!
 - * Southeast DX Club <http://www.sedxc.org>
 - * Spread the word GARS weekly nets: 147.165 2m Net Thursdays 9 p.m.
443.900 70cm Net Mondays 8 p.m.
 - * Callsign info <http://www.ae7q.com>*
 - * Track us on APRS: <http://aprs.fi>,
 - * Swamp Fox Contest Group <http://swampfoxcontestgroup.com>
-

Classifieds:

Classifieds will be run for 3 consecutive months then removed. They may be may be posted again after a 3 month period. 3 on then 3 off.

I hope you have enjoyed reading our newsletter. Please contact me at Mike31406@gmail.com with any ideas/comments/suggestions etc. or to place a classified ad.

Mike