



The Signal Report

A Publication of the Greenwood Amateur Radio Society (GARS)

VOLUME 20 ISSUE 10

OCTOBER 2022

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

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

2022 CLUB

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Jack Witt, KN4SIK



Analog Repeaters are up.

D-Star is up.

Echo link is down.

Repeater Linking Project-Linked during nets and special occasions

October 2022

The next GARS monthly meeting will be held in person at the Westminster Presbyterian Church, 2330 Cokesbury Rd, Greenwood on October 11, 2022 beginning at 7:30 pm. The doors will be open at 7:00 pm for members to have a time of fellowship and setup for the meeting. Hope to see you all there.

Be vigilant today "Ian" is fast approaching

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



Greenwood Amateur Society Recurring Events:



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Chat 'N' Chews

Have resumed Fridays, they will begin gathering at 1115. Kin KJ4BAK will announce locations on both the Monday and Thursday night nets. Dutch treat.

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 nets. If you would like to fill in or be a backup net controller please contact [Tedd Davison, AI4WN](mailto:Tedd.Davison@arrl.net).

VE Exam Session

The next VE testing session is on October 4, 2022 at 7 p.m.. It will be held in the same room as our regular meetings at the Westminster Presbyterian church, 2330 Cokesbury Rd, Greenwood SC. Please contact Buddy Willis, w4dew@arrl.net with any questions. No walk-ins, please preregister with Buddy

Congratulations!!

Happy Birthday!

Russell Myrick	KN4TUI	Oct 6
Marsha Ridlehuber	KD4AYF	Oct 15
Bob Wiener (SK)	N2OEE	Oct 24
David Haynes (SK)	AJ4PU	Oct 28

Happy Anniversary!

David (K4DWR) & Betsy Russ
Oct 14
Russell (KN4TUI) & Judy Myrick
Oct 31

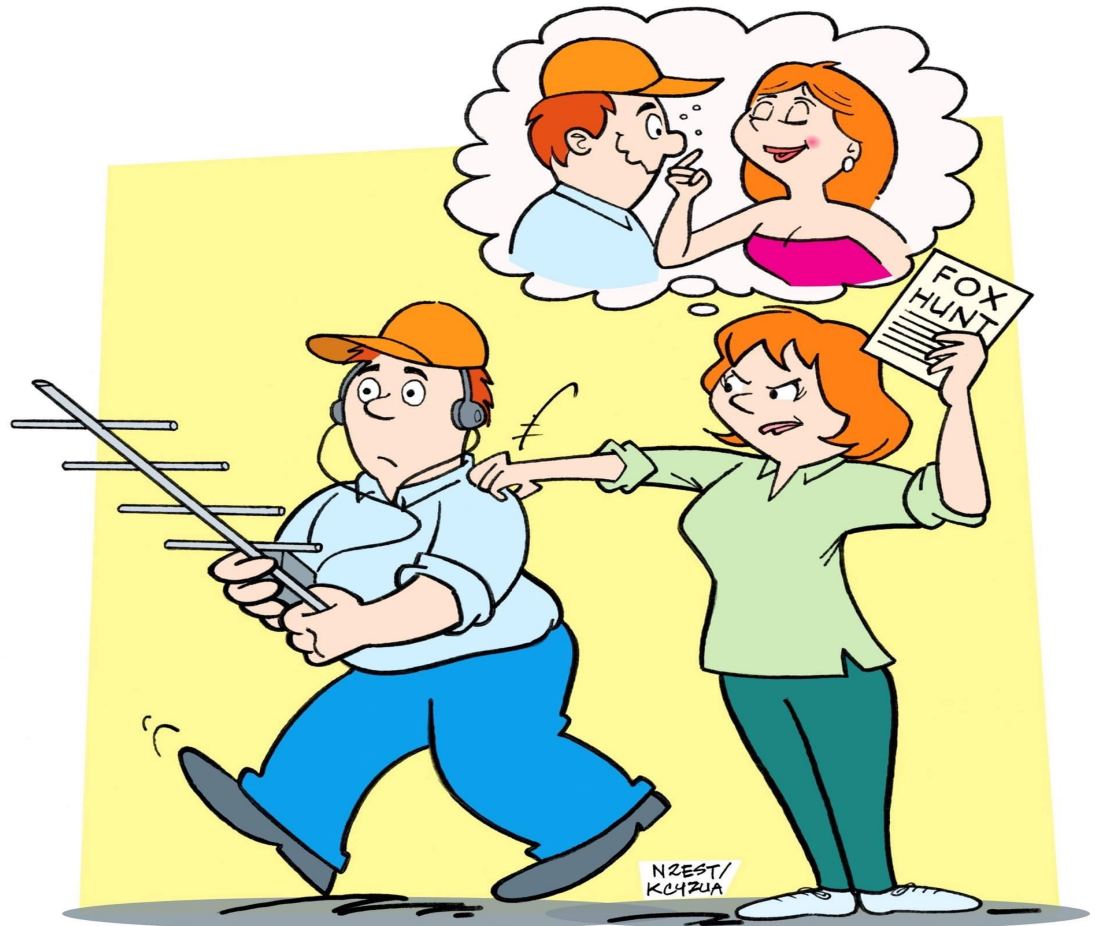
Are you an ARRL Member? Joining ARRL helps protect our rights as Amateur Radio Operators as well as providing education, QSL Bureau, technical advise, and the ARRL VEC. <http://www.arrl.org>

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Our annual Veterans recognition issue is coming up in November. If you are a Veteran with any length of service, we would like to acknowledge it. If you wish to be recognized please submit information about your service to [me](#). If you were recognized in last years November newsletter and do not desire to make any changes there is no need to provide me with anything as I will use the same information. Al (KB4RA) I've got your picture and narrative.





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The GARS Meeting held at the Westminster Presbyterian Church, 2330 Cokesbury Rd. Greenwood on September 13, 2022 it was attended by 12 with 5 on Zoom. Mitch KJ4JGP & Di N4DLL gave a power point presentation on what the club will be doing and what to expect at the Imagine Steam Festival on October 22. [Jack](#) Witt KN4SIK requests members come to the Oct. 11 meeting at 7 p.m. to help relocate out library within the building. The GARS Christmas/Holiday Banquet was discussed. Mitch will attempt to schedule TW Boone on Dec. 13 for this. Make plans now to attend. Leaving the tone on our repeater for the 2 meter net was further discussed, no decision was made. Any input contact [Russ](#), KN4TUI or [Buddy](#) W4DEW.

All Things



During our October meeting (a week before the Steam Festival) we will have a dry run for the coding activities we will be doing at the Festival.

Some additional information (which may be adjusted some closer to date)

- Set-up is from 7:30 to 9:30 on October 22, 2022 in uptown Greenwood, from the Arts Center along Oregon Avenue to the Uptown Market, our specific location is to be determined
- The Festival itself is from 10 AM to 2 PM
- Festival breakdown is from 2 PM to 2:45 PM
- There will be food trucks to purchase food
- Festival organizers say to be prepared for 500 active participants
- We more keys, oscillators, folding chairs and volunteers to support this. You don't need to know morse code (CW) to help out. Pre-school through Elementary school age children will be given a sheet with all alpha characters and there cw equivalent. Using this "cheat" sheet they will write out their names in cw, send it on a keyer, then make a bracelet with provided color coded beads.
- If you would like to be part of this please [contact me](#).

Mitch, KJ4JGP



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Ten uses for a multimeter

<https://www.hamradioschool.com/post/ten-uses-for-a-multimeter>





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There was a recent discussion about how copper corrosion in antenna wire may contribute to noise level on the RSGB Technical reflector. Nothing definitive, but food for thought. Also consider that the outer shield of virtually every coax cable is copper braiding and potentially susceptible to the same issue. For the first 15 years of my Ham career I was not aware that outdoor coax connections should be wrapped to prevent water from getting into the cable. More than once I had removed the end from an exposed coax cable and found the braid gray with corrosion. This effect can happen anywhere as my installations where corrosion was found were usually hundreds of miles from the ocean.

Kevan N4XL

=====

Tim Hague Aug 19 #67694

Has anyone carried out any research of the effects of corrosion on antenna wire and noise level?, I've had a 100ft top doublet up for the last 4 years in a marine environment, 2 miles from the SW Cornwall coast. My noise level has been steadily increasing over the last few months across the HF spectrum and I've put it down the proliferation of rubbish electronics. Recently I had cause to take the antenna down and noticed that the insulated stranded copper wire was heavily corroded so I stripped it back a few feet, it was still corroded. Built a new antenna and my noise level has dropped back to where it was...very low. I know about dissimilar metals, diode effects etc, just found this very interesting. I am going to do some conductivity tests on the old wire and compare to the new and see what the differences are.

Bob G3REP Aug 19 #67699

I just wonder if the extraneous noise be could brought about by mucky deposits on the end insulators, rather than the wire itself, causing the problem? (That is, of course, assuming you have used them !)

ian hope Aug 19 #67703

Marconi's first radio broadcast

[Marconi's first radio broadcast made 125 years ago - BBC News](#)



If you know of anyone or possibly a food truck that is willing & available to provide food at our Jan. 14, 2023 Hamfest please contact [Ted](#), AI4WIN.

Submitted by W8SU

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Mary A. Dougherty “Mae” Burke W3CUL *1911-1997* Wonderful housewife and champion ham operator dedicated to N.T.S Public Service. Mae went on the air in 1932 from Philadelphia, with home brew gear made by her “Beau” Albert Burke W3VR. She enjoyed top band (160) also 20 and 40 Meters - She preferred cw and became Mrs Al Burke before WW2. Following the war at Folsom Pa, Mae went on 10 meter phone, working much DX and phone patching for the boys overseas. Eventually traffic got a hold of both Al and Mae kept many schedules running up to 12 hours daily. At rush times many more hours were spent handling traffic. Not a single schedule was missed for years and W3CUL earned BPL for 100 consecutive times. Mae figures she handled a quarter of a million messages in that period alone. Burke’s would live in Morton, Pa. A complete station shown for each, twin Collins stations consisting of the 32V2 and 75A3's - Both Mae and Al have awards too many to mention here however she is especially proud of the Edison Amateur Award, the fifth one issued for public service in 1956. She has handled some 312,000 messages between 1949 and 1957. Mae Burke unique operator and gifted mentor expired in Florida November 1997 at age 86, earned a historic record of traffic handling honors over her lifetime handling overseas traffic for US Service Personnel, MARS, Red Cross and other emergency messages during the Korean, Vietnam and cold war eras. ARRL International Humanitarian Award of 1997 was awarded to the Burkes for their lifetime of public service of traffic handling and for their unique dedication to this facet of Amateur Radio. The Board also cited both Burkes for serving as traffic handling mentors to many others. In 2000, January 10 - The ARRL International Humanitarian Award Laureate Alfred S. Burke W3VR, of Seminole Fla expired. He was age 93, an ARRL member for more than 50 years and their unique dedication to traffic facet of Amateur Radio came to an end but is not forgotten. www.w8jyz.com Cards. Ms. Mae had been monitored countless times on the air both in Penna., and Seminole Fla passing N.T.S. traffic, always heard, using that well known bug which did not sound perfect but for her heart and savvy, she will always get a 10 in our book every time! Partially scripted arrl.org arl-b006.



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August 2022 National Traffic System Report for South Carolina compiled by STM Dean, N4AJK

August Net Reports

Net / Check Ins / Traffic / Sessions / Reported By

Anderson Radio Club 2m Net /511/31 / 31 / W3SUE

Blue Ridge Amateur Radio Net /2000 /32/31 / W4DJW

CARES Net /66/25/ 4/ WX4SC

Carolinas Net / 378/ (117/95) /62 / KC4PGN

CARC / 115/ 15 / 4 / KU5N

CARC Simplex / 49 / 0 / 2 / KU5N

Chesterfield County Emergency Net/17/5/4 Reported by KK4ZMK

CSN /149 /21/23/ 31/ KI4KZS

Florence Amateur Radio Club /47 / 9/4 / KK4ZMK

Grand Strand ARC 2m Net / 160 / 16/ 15 / N4AJK

Grand Strand ARC 1.25m Net /24 / 4 / 4 / N4AJK

Grand Strand ARC 70cm Net 40/ 5 / 5 / N4AJK

Greater Pee Dee 2m Net / 1022 / 57/31/ KK4KSZ

Greenwood ARC 2m Net / 72 / 4 / 4 / AI4WN

Greenwood ARC 70cm Net / 58/ 5 / 5 / AI4WN

Kershaw ARC 2m Net /97/ 11/10 /KK4RU1

Lancaster County 2m Net / 30 / 5/ 1 / N4WMB.

PALS Net /791/43/30 / KK4MQN

SC ARES Statewide HF Net / 76/9 / 5/ KN4KRZ

SC Heart Training Net /169/ 0 / 4/ KQ4KK

SC Midlands ARES Training Net/28/5/2/KN4KRZ

SC SSB Net / 1403/88/31/ KG4RUE

Sumter County EC Net / 54 / 14 / 5/ KF4ARD

Trident ARC 2m Net / 64/4/ 5/ K4TCP

YCARS /54/993 / 0/K4TTM

YC ARES / 36/ 3/ 0/ K4TTM

The wireless Experimenter—1920

[The-Wireless-Experimenter's-Manual-Bucher-1920.pdf \(worldradiohistory.com\)](http://www.worldradiohistory.com/The-Wireless-Experimenter's-Manual-Bucher-1920.pdf)



Please contact [Jack](#) Witt KN4SIK if you would like to use our library or have any comments or suggestions about it. Our library will be relocated with in the same building just before the October meeting. If you can help please see Jack at 7 p.m. on the 11th.

HAMFESTS & EVENTS

[Lake Hartwell Hamfest](#), October 15, 2022, Anderson, SC

[Gaffney Hamfest](#) October 22, 2022

[Rock Hill Hamfest](#) October 1, 2022, date changed to November 12 due to "Ian." Rock Hill , SC

Greenwood Amateur Radio Society (GARS) Hamfest January 14, 2023

Classifieds

Nothing to report



- * The American Radio Relay League protects our rights as Amateur Radio Operators <http://www.arri.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>



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

Mike





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Greenwood Amateur Radio Society Silent Key Memorial

Established in Memory of all Greenwood Amateur Radio Society (GARS) Radio Operators who were club members and are now Silent Keys.. They were friends, family, associates and all are missed.

<u>Callsign</u>	<u>Name</u>	<u>Silent Key</u>	
KD4YDI	Hendrix, Todd	3/8/2014	
W4PY	Wise, Warren	2/14/2015	*
KC4KZ	Henderson, Don	4/3/2015	*
KC4WM	Taylor, Alice	12/11/2015	*
KC4IAV	Elledge, Marion	12/27/2015	*
K4GBH	Mimms, Joe	12/29/2015	*
AD4XA	Pruitt, Charles	10/6/2018	
KJ4VJ	Keck, Bert	10/23/2018	*
WW4I	Henry, Phil	1/1/2019	*
KC4UU	Henry, Jo	10/6/2019	*
WB4MLU	Banks, Homer	6/7/2020	
KI4WJO	Mimms, Jewell	7/14/2020	
AK4EK	Gresham, Jim	7/7/2020	*
W3COX	Cox, Jim	7/16/2021	*
WD4BWK	Mitchell, Franklin	9/25/2021	
KB4YON	Keck, Eldora	10/14/2021	
AJ4PU	Haynes, David	11/26/2021	*
N20EE	Wiener, Bob	04/12/2022	*

* indicates GARS member when became SK