



Our new mailing address is:
Greenwood Amateur Radio
Society
P.O. Box 49591
Greenwood, SC, 29649

2023 CLUB

OFFICERS

President

Russell Myrick, KN4TUI

Vice President

Kevan Nason, N4XL

Secretary

George Crane, W3RXF

Treasurer

Mitch Litwer, KJ4JGP

Repeater Trustee

Buddy Willis, W4DEW

Activities Manager

Di Litwer, N4DLL

Editor in Chief

Michael Wills, KA4CSM

Librarian

Jack Witt, KN4SIK

The W4GWD Repeater Network

147.165+ t107.2

Echo link: 584003

443.900+ t107.2

W4GWM/R

145.420- DV

W4DEW/R

146.910- t123.0

The Signal Report

A Publication of the Greenwood Amateur Radio Society (GARS)

VOLUME 21 ISSUE 12

DECEMBER 2023

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

W4GWD@ARRL.NET



The 2m (147.165) and 440 (443.900) Analog Repeaters are both up.

The GARS D-Star repeater is up.

Repeater Linking: our 2m and 440 repeaters are not linked during nets but will be during special occasions

December 2023

Plan on attending the **GARS Christmas Dinner at 6:30 p.m.**
on **December 12th** at Outback Steakhouse in Greenwood.

Please RSVP to Di This will replace
our normal monthly meeting.

*Hope to see
you all there*





Greenwood Amateur Society Recurring Events:



Like US on
Facebook

facebook.com/
Greenwood ARS

Chat 'N' Chews

Begin gathering at 1115 at different locations each week. 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 become a net controller or a backup please contact [Kevan Nason, N4XL](#).

VE Exam Session

The next VE testing session is on December 5, 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 [Tommy Owens, K4XB](#) with any questions. No walk-ins, please preregister with Tommy, K4XB.

Congratulations!!

Happy Birthday!

Robert Gillian W4VIA Dec. 7

Vernon Clamp KQ4FBT Dec 12

George Miller WD4GBB Dec. 15

Happy Anniversary!

George (WD4GBB) & Jennie Miller
Dec. 2

Darrell (AF4E) & Dena Manning
Dec. 3



Like US on
Facebook

facebook.com/
Greenwood ARS



Remember the reason for
the season.



Like us on
Facebook

facebook.com/
Greenwood ARS

Greenwood Amateur Radio Society (GARS) Hamfest 2024 - Canceled 11/6/2023

After a detailed discussion at our November 14 club meeting the GARS 2024 Hamfest has been **Canceled** due to scheduling, administration and other changes associated with the process of securing a facility for the GARS 1/13/2024 Hamfest.

After much deliberation we agreed not to conduct this event. We sincerely appreciate the support, participation and attendance of so many amateur radio operators, vendors and at large attendees through the years.

Our hamfest will return in 2025.

73

Russ Myrick
KN4TUI

To all of you with Children/Grandchildren or *simply young at heart*. Take a look at this [CQ Santa | Home](#)
Thanks to Dave KY4GM for submitting.





Like Us on Facebook

Ar-

facebook.com/
Greenwood ARS

participating in a Winter Field Day on Jan 27/28 2024.

The GARS monthly club meeting on November 14, 2023 was attended by 18, 2 guests and I on Zoom. The following items were discussed:

Cancellation of our January 2024 hamfest.

After action review of our STEAM Festival by Di N4DLL

Update on the need to work on the club trailer. Update equipment & power on board, repaint or wrap/stencil exterior. It is currently stored at Al West's (KB4RA) house and soon to be moved to Wesley Commons. More to follow your ideas/suggestions are welcome.

The GARS Christmas/Holiday Dinner will be held on December 12 at Outback Steakhouse in Greenwood. Begin arriving around 0630 with dinner to start soon after. We will be seated together and order off the menu. It will be Dutch treat.

A discussion was held on participating in the Winter Field Day on January 27-28, 2024. Bring your ideas on locations, equipment, antennas etc. to the January Club meeting where it will be discussed further.

There was no Simplex net conducted in November.

The GARS Ares group is meeting on November 21 at the Matthews Masonic Lodge Dave KY4GM presented a class on Alternative Methods of communication.

The following letter was sent to Di, N4DLL

iMAGINE Lakelands STEAM Festival
From: Alice Gilchrist
To: Subject: iMAGINE Lakelands STEAM Festival
Date: Nov 15, 2023 1:40 PM
Attachments: 2023iLFestivalOverview.pdf

WOW! What a success our 2023 iMAGINE Lakelands STEAM Festival was and it is all because of you! We could not hold the festival without our supporters, exhibitors, food trucks and entertainers. Because of you, many families made memories and students had their minds open to the STEAM field of work.

We hope each of you will return next year as we celebrate our 5th iMAGINE Lakelands STEAM Festival. The date will be October 19, 2024. Put it on your calendar and start making plans to be a part of the excitement.

You can find pictures of this year's event on the iMAGINE Lakelands STEAM Festival Facebook page.
STEAM Festival 2023
With Great Thanks!
Paul Cuccin, Alice Gilchrist, Sylvia Martin, Shelby Reed, Matt Wiggins

GARS Visits Mathews Elementary School by Di, N4DLL



Like US on
Facebook

facebook.com/
Greenwood ARS

Karen Sexton, a teacher at Mathews Elementary School, and her grandchildren, visited our GARS Morse code booth at the October 21st Lakelands iImagine STEAM Festival. After seeing how excited her grandchildren were about participating in the Morse code activities, she asked if the club would be willing to come and talk about Morse code with her 4th grade science students who were learning about different forms of communication.

So, bright and early Monday morning, October 30th, W3RXF (George Crane), KN4SIK (Jack Whitt), N4WDC (David Collins), KJ4JGP (Mitch Litwer), N4DLL (Di Litwer), and David's son, Sean Collins, set up equipment and materials in Ms. Sexton's classroom in preparation for teaching four classes, approximately 80 fourth grade children, about Morse Code as a form of communication that is still used today. After a brief introduction to the GARS members, and a quick discussion about the means of communication on the Titanic, Mitch gave the students a short lesson on energy and electromagnetic waves. This was followed by a demonstration of electromagnetic waves using handheld radios. Students inside the classroom then got to try talking on the handhelds to students outside the classroom.

Students then got down to the business of learning about and practicing Morse code. Each student was given a card with the Morse Code on it and were required to translate their first name from alphabet letters into the dots and dashes of Morse code. As students finished this task, they were directed to one of the three tables with Morse code keys, manned by George, Jack, and David. Here the students practiced keying their names and SOS in Morse code.

When not tapping out their names in Morse code, the students were making bead bracelets with their names in Morse code with Sean or Di, as well as touring a technology "mini-museum" of different eras of Ham radios and learning about Samuel Morse with Mitch.

Each class ended with the students watching a short video clip of the Titanic sending SOS SOS CQD CQD in Morse code, and noting how the signal became progressively weaker and more difficult to hear until it finally stopped in mid SOS.

A huge thank you to George, Jack, and David Collins for manning the Morse code tables with the keys, Mitch for providing the lesson on electromagnetic waves with the handheld radios and manning the technology "mini-museum," and Sean for helping 80 children string bead bracelets with their names in Morse code.

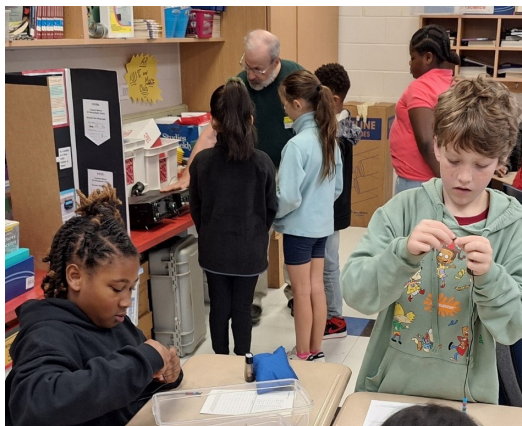
GARS Visits Mathews Elementary School (Continued)



Like Us on
Facebook

facebook.com/
Greenwood ARS

Thanks also to David Collins for providing a key, additional handheld radios, various HF rigs for the “mini-museum,” and a much needed table.





facebook.com/
Greenwood ARS

Two free Ham Radio Classes will be taught this Winter online using Zoom. Forwarded by Kevan, N4XL

An Extra Class will start on January 9th and run through April 30th (16 weeks). The class meets on Tuesday nights, from 6:30 to 8:30PM. The class will use the ARRL Extra Class License Manual, Twelfth Edition.

The class is free. The class will be taught virtually, using the Zoom software. Class size is limited to 25 students. This class will also be streamed live and recorded for later viewing on the W4EEY YouTube channel.

A Technician Class will start on January 10th and run through March 13th (10 weeks). The class meets on Wednesday nights, from 6:30 to 8:30PM. The class will use the ARRL Ham Radio Technician License Manual, Fifth Edition.

The class is free. The class will be taught virtually, using the Zoom software. Class size is limited to 25 students. This class will also be streamed live and recorded for later viewing on the W4EEY YouTube channel.

Instructors will be Gary W4EEY and Dave KE4EA.

To register for one of these free classes or for more information please contact Gary W4EEY by email at: w4eey@arrl.net

World DX Guide—1978

[World-DX-Guide-Vastenhoud-1978.pdf \(worldradiohistory.com\)](http://worldradiohistory.com/World-DX-Guide-Vastenhoud-1978.pdf)





Like US on
Facebook

facebook.com/
Greenwood ARS

ARRL Hails FCC Action to Remove Symbol Rate Restrictions,
provided by David KY4GM

<https://www.arrl.org/news/arrl-hails-fcc-action-to-remove-symbol-rate-restrictions>

Section Traffic Manager Dean, Abridged, N4AJK Net Reports, provided by Di, N4DLL

October 2023 Net Reports

Net / Check Ins / Traffic / Sessions / Reported By

Anderson Radio Club 2m Net / 566 / 31 / 31 / W3SUE

Blue Ridge 2 Meter Net / 1695 / 43 / 31 / W4DJW

C.A.R.E.S. Net / 43 / 4 / 4 / N6WWG

Carolinas Net / 301 / 123 / 62 / AA4MP

Columbia ARC Sunday Net / 118 / 20 / 4 / KU5N

Central SC CARC Simplex Net / 40 / 1 / 2 / KU5N

Greenwood ARC 2m Net / 59 / 3 / 4 / N4XL

Greenwood ARC 70cm Net/ 41 / 5 / 5 / N4XL

Lancaster County 2m Net / 37 / 0 / 5 / N4WMB

SC Statewide ARES HF Net / 91 / 18 / 5 / KN4KRZ

SCSSB Net/ 1237 / 111 / 31 / KG4RUE

South Carolina VHF/UHF ARES Net/ 341 / 5 / 5 / KI4RAX

Please contact [Jack](#) Witt KN4SIK if you have any comments or suggestions the GARS library. It is there for GARS members use. The Wall locker is unlocked. If you'd like to checkout a book, find one you like and take it, then [email Jack](#) your name and its title.



HAMFESTS & EVENTS

Greenwood Amateur Radio Society (GARS) Hamfest, James Medford Center at Piedmont Tech, January 13, 2024 **Regrettably our hamfest has been canceled for this year only**

HamCation.com February 9-11, 2024, Orlando, Florida

CLASSIFIEDS

Nothing submitted



- * 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



facebook.com/
Greenwood ARS



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, & fellow hams and all are missed. Page 1 of 2

Call	First name last name	Date of Death
KK4WJQ	Cynthial Penman	Saturday, February 25, 2023
WB4KXE	Harvey Hill	Friday, October 07, 2022
W8PC	Bob Skutt	Friday, July 22, 2022
N2OEE	Bob Wiener *	Tuesday, April 12, 2022
AJ4PU	David Haynes *	Friday, November 26, 2021
KB4YON	Eldora Keck	Thursday, October 14, 2021
WD4BWK	Franklin Mitchell	Saturday, September 25, 2021
KE4NL	Bill Sargent	Sunday, August 29, 2021
W3COX	Jim Cox *	Friday, July 16, 2021
KC4JUC	John March	Tuesday, June 22, 2021
KI4WJO	Jewell Mimms	Tuesday, July 14, 2020
AK4EK	Jim Gresham *	Tuesday, July 07, 2020
WB4MLU	Homer Banks	Sunday, June 07, 2020
KC4UU	Jo Henry *	Sunday, October 06, 2019
WW4I	Phil Henry *	Tuesday, January 01, 2019
KJ4VJ	Bert Keck *	Tuesday, October 23, 2018
AD4XA	Charles Pruitt	Saturday, October 06, 2018
KG4WRC	Don Finlayson	Monday, March 13, 2017
N4IDL	Jack Wheless	Tuesday, January 17, 2017
KN4D	Max Sisson	Saturday, November 12, 2016
K4GBH	Joe Mimms *	Tuesday, December 29, 2015
KV4IAV	Marion Elledge *	Sunday, December 27, 2015
KC4JWM	Alice Taylor *	Friday, December 11, 2015
K4FPF	Paul Valentino	Saturday, May 23, 2015
KC4KZ	Don Henderson *	Friday, April 03, 2015
W4PY	Warren Wise *	Saturday, February 14, 2015
KD4YPI	Todd Hendrix	Saturday, March 08, 2014
KD4BKV	Margaret Fort	Monday, September 16, 2013
KF4Y	Jim Long	Thursday, November 10, 2011
WA4DLB	Harry Davis	Thursday, November 11, 2010
W4GSW	Gay Willis *	Wednesday, August 11, 2010
K4DOK	Morton Sanders	Tuesday, June 15, 2010
W4LS.	George Miller	Thursday, August 13, 2009
W4JAK	Allen Kennemore	Monday, June 29, 2009
KC4IEL	Brenton Bailey	Friday, May 15, 2009



Like US on
Facebook

facebook.com/
Greenwood ARS



Call	First name last name	Date of Death
KE4QQS	Stanley Green	Saturday, September 27, 2008
WA4TNO	George Fort	Tuesday, June 10, 2008
KA4OPC	Paul Savage *	Thursday, January 10, 2008
KD4BBZ	Richard Gillian *	Friday, February 02, 2007
K4HAN	Ancel Ouzts	Wednesday, June 21, 2006
KB4CK	Guy Copland *	Monday, April 17, 2006
K4HIH	Richard Addison	Saturday, April 15, 2006
KG4LEZ	James Shiles *	Sunday, January 01, 2006
KC4GZV	Walter Davis	Sunday, May 16, 2004
KA4PQA	Odel Lyda *	Thursday, September 25, 2003
WA9FWO	Franklin Kolar Jr *	Saturday, August 09, 2003
WD4JOU	Walt Spearman *	Monday, June 30, 2003
W4WQM	Margaret Duchett	Thursday, June 19, 2003
KC4MQA	Elbert Shirley	Sunday, January 12, 2003
KB4BUR	Nell Spearman *	Sunday, November 17, 2002
KC4CMF	Fred McKinney *	Thursday, April 04, 2002
K4QMY	Dan Hammett	Friday, September 28, 2001
KC4ZJP	Cecil Sutton *	Thursday, January 25, 2001
WA4JOS	Robert Buffington	Saturday, August 12, 2000
WV4B	Glen Jennings	Friday, January 14, 2000
K4VIA	Earle Gillian *	Monday, January 12, 1998
KC4JWL	James Taylor *	Monday, January 13, 1997
KC4LSN	JR Labron Jones *	Thursday, March 21, 1996
WA4TME	Brenda Fort	Tuesday, October 25, 1994
KD4EHP	Anne Miller	Thursday, March 24, 1994
W8MID	Jack Mc Guffee	Monday, September 07, 1992
N4LTL	James Wellmaker	Tuesday, February 05, 1991