

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

The Signal Report

A Publication of the Greenwood Amateur Radio Society (GARS)

VOLUME 21 ISSUE 7

JULY 2023

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

W4GWD@ARRL.NET

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 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 and but will be during special occasions

July 2023

The next GARS monthly meeting will be held at the Westminster Presbyterian Church, 2330 Cokesbury Rd, Greenwood on July 11,, 2023 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



Greenwood Amateur Society Recurring Events:



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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 August 1 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 Buddy W4DEW.

Congratulations!!

Happy Birthday!

Stephen Lyda	KA4PQA	July 4
Jack Witt	KN4SIK	July 12
Betty J. Powell	family mbr	July 15
Mitchell Litwer	KJ4JGP	July 24
Jennifer Lyda	family mbr	July 27
Jeremy Manning	KI4CCZ	July 28

Happy Anniversary!

Ken (KQ4RB) & Michele Trapnell	July 1
Bob (N2OEE) & Sue Wiener	July 3
David (W4MCC) & Brenda McCall	July 7
George (W3RXF) & Betty Crane	July 11
Joe (KK4RVC) & Wendy (KN4DYX) Suddeth	July 12
Stephen (KA4PQA) & Jennifer Lyda	July 16



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We had 19 members and two unlicensed guests at our June meeting. The two guests were Blaine Boles, Blainembboles@gmail.com & Jainyk (?) Darling, Thedogly@gmail.com

Please welcome our newest member

Christopher Ahif, KQ4GGG was voted into our membership at the June 13th meeting. He recently upgraded to General class. We all look forward to getting to know you.



A big thank you to **Dave Richmond, AG4DR** & **Tommy K4XB** for working on the club trailer. They inventoried it, took it to Dave's QTH for cleaning. They did a lot of lubricating, some rewiring and checking out the onboard rigs and accessories. Dave made several recommendations to the club as to work and replacements that needs to be done, including refreshing the paint and or stencils.



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The new General Class Element 3 Question Pool went into effect on July 1, 2023.

Shout out & thank you to **Stephen Lyda** KA4PQA. He is always ready and willing to step up and assist in any way possible. He frequently takes over net controller responsibilities when one is not available.



Ham Radio, July 1968

Ham-Radio-196807.pdf (worldradiohistory.com)

Please contact [Jack](#) Witt KN4SIK if you have any comments or suggestions the GARS library. It is there for GARS members use. **It was recently moved across the hall from our meeting room in the Westminster Presbyterian Church** 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.





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Highlights of the 2023 Greenwood Amateur Radio Hamfest

Many GARS members were involved in putting this together and making it a very successful fieldday: We had 19 members present and 14 guests including the SC Section Manager Daniel Boyer WD2DW (shown below top right, center) Rev. Caroline Dennis the Pastor of Westminster Presbyterian (below top left picture) Russ KN4TUI for providing oversight, Di N4DLL for making it happen, Kevan N4XL for giving an excellent presentation on constructing a 20 meter dipole & other contributions, Tedd AI4WN, & Gail for providing donated drinks and snacks, Dave AG4DR for bringing the GARS trailer, Chris Ahif (our newest member) KQ4GGG for bringing the generator, Kin KJ4BAK did an excellent keeping track of people attending, as usual, Dave KY4GM & Jamie Parrish the Greenwood county emergency management coordinator for getting us use of the Grace Street Pavilion at no cost to us. Having a blood drive in conjunction with field day was a first for us and members donated 14 pints of blood, saving lives, The TV crew from FOX Carolina came and recorded several members, in the end Di N4DLL's interview was broadcast on the 10 pm news as was Al West's KB4RA grandson Alec who made several contacts while on air (picture below bottom) Alec plans to begin studying for his license which he hopes to get later this year. We had several solar panels and batteries powering our equipment.

Pictures were taken by Mitch KJ4JGP





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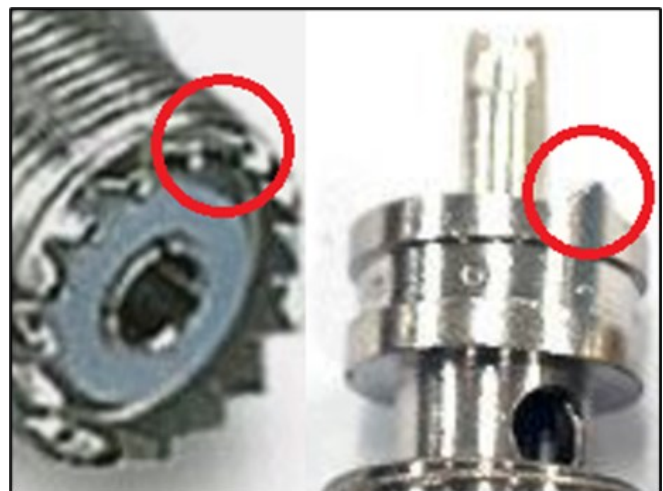


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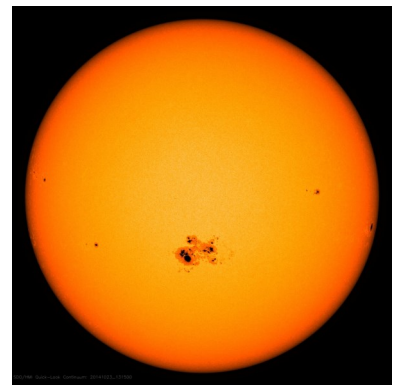
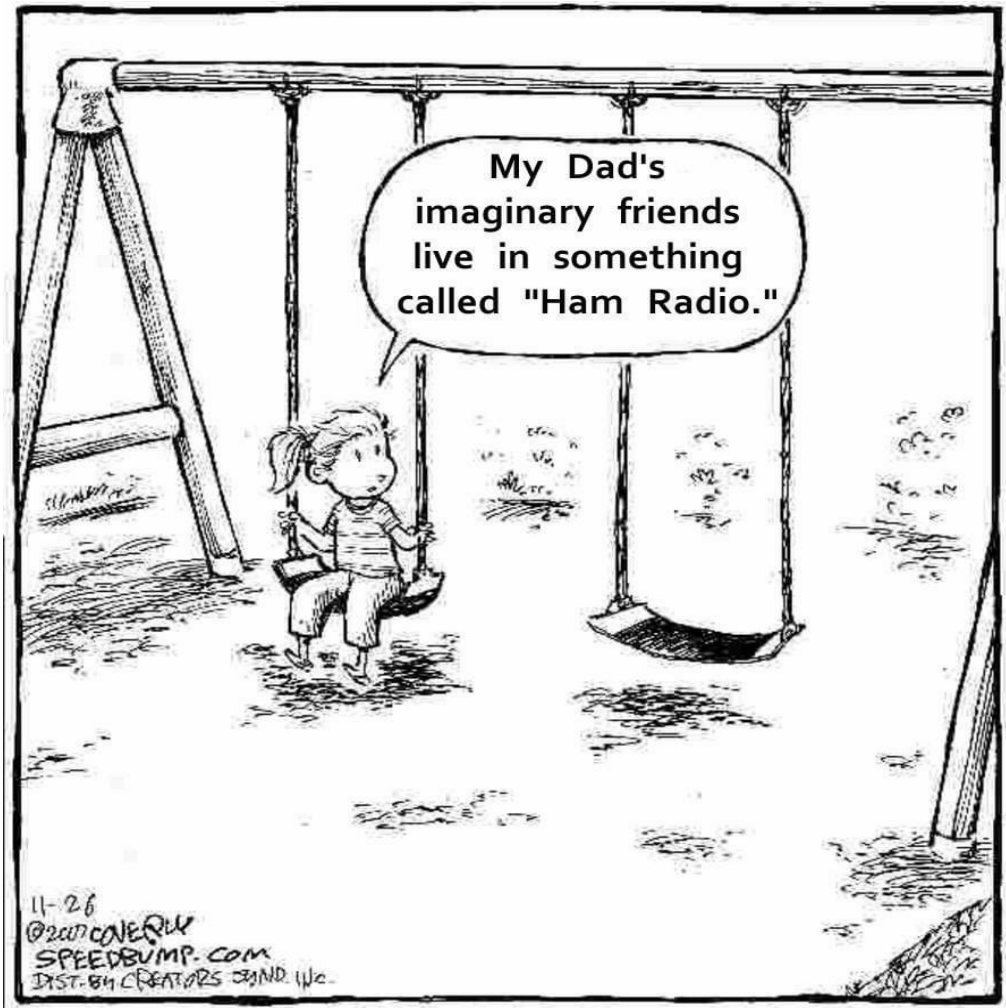
Misc notes from the Swamp Fox Newsletter, from Kevan, N4XL

- One of the main purposes of having a radio club is to pool the resources of the individuals who make up the group and share them in such a way that everyone can raise themselves a little. (Editor's Note: Don't be shy about speaking up with things you think important for others to know. Post them on the reflector. Send them to me for the newsletter. It doesn't matter if it's a basic concept or trick. If you think it is good info but "everyone must know that", then I'll remind you there is likely a new contester that hasn't run across it before – and won't unless someone mentions it now and then. And if everyone does know about it, so what? It's good to be periodically reminded of the basics. An example is my blurb above about working dupes. Yeah, every experienced contester knows that. But I've been at Field Days where I was told not to work dupes and I read a post on a contest reflector just a few weeks back where someone indicated he used a "Dupe" message in his N1MM Fkey slot. Again, speak up and share your knowledge.)
- ...shielding is the ability to keep unwanted signals out and desired signals in. Most high grade coax has 96% shielding, while 9913 and its relatives has 100% shielding. If you're a single operator and you don't mind hearing from your neighbors occasionally, less shielding may be worth the bargain price. Otherwise, stick to the good stuff.
- Finger-tight connectors are not good enough. Use a pair of pliers or channellocks to hold the connector and another pair to tighten it. ▪ Editor's Note: A main problem with not tightening with pliers is heat. Passing current through connectors causes them to heat. The more power, the more the heat. Heat causes metal expansion which can loosen connectors. Repeated heat cycles can cause the connector to loosen to the point of failure. ▪ Editor's Note: Another connector issue with male PL-259's is that little alignment triangle on them. It should fit into its corresponding slot on female PL-258's or your rig's antenna connector. Sometimes the triangle tip rests on a flat surface of the PL9258. Be sure they are firmly seated in a slot before tightening them..



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Interesting article on sunspots, submitted by Kevan N4XL

<https://www.nesdis.noaa.gov/news/time-lapse-of-solar-cycle-25-displays-increasing-activity-the-sun>

HAMFESTS & EVENTS

[WCARS Hamfest](#), Waynesville, NC July 29, 2023,

[W4DXCC Convention](#) , September 29-30, Pigeon Forge, Tennessee

Greenwood Amateur Radio Society (GARS) Hamfest, January 13, 2024

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



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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, & 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
W4LSDR.	George Miller	Thursday, August 13, 2009
W4JAK	Allen Kennemore	Monday, June 29, 2009
KC4IEL	Brenton Bailey	Friday, May 15, 2009



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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