



The Signal Report

A Publication of the Greenwood Amateur Radio Society (GARS)

VOLUME 20 ISSUE 5

MAY 2022

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

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

2022 CLUB

OFFICERS

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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



Analog Repeaters are up.
DMR and D-Star are up.
Echo link is down.
Repeater Linking Project-Linked during nets and special occasions

May 2022

The next GARS monthly meeting will be held in person at the Westminster Presbyterian Church, May 10, 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.



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

Due to Covid all GARS ARRL Volunteer Examiners (VE) sessions have been postponed until further notice. **We are hoping to resume them in June 2022 Stay tuned for more details.** Please contact Buddy Willis, w4dew@arrl.net with any questions.

Congratulations!!

Happy Birthday!

John Fradella	N4FJ	May 3
Jerry Smith	KO4NNR	May 4
Theaster Willis	Fmly Mbr	May 10
Andy Bagwell	KN4DYL	May 17
Richard Donald	N4LRD	May 21
Tom Blease	KO4CM	May 22
Elizabeth Meadows	W2LIZ	May 26

Happy Anniversary!

David SK (AJ4PU) &
Margaret Haynes (KM4AJ)
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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Presidents QSO



Spring weather has been very windy, but days are getting better and a little more daylight each day. Hopefully everyone is getting out more and perhaps even a little more radio time. GARS activity is picking up too. The past weeks we have had several people enjoy time together as they break bread at a Chat-n-Chew. Always appreciate KJ4BAK KIN setting these up and providing reminders for the club.

A considerable number of members attended the in-person meeting April 12th at Westminster Presbyterian Church. Our appreciation to KJ4JGP Mitch and N4DLL Di for coordinating this with the church. Plans are to continue our monthly meetings there for now. Our meeting room has changed, sorry but I forgot the room number. We will now enter the building from the right side entrance as you face the front of the church. Take the steps or the elevator to the next level up. Of course using the right side parking lot for convenience. I encourage all of you that are comfortable with in-person meetings to attend and get out number of participating members up. You will enjoy the fellowship, programs and just getting out again.

On a sad note, our club added another Silent Key April 12th. N2OEE Bob Wiener passed away. Please keep his wife Sue and other family and friends in your prayers and thoughts. Speaking of in-person events, I attended the Ridge Amateur Radio Club Tailgate party April 2nd in Batesburg and picked up an SWR meter. Then April 23rd rode down to Augusta for the ARCA Spring Tailgate & Picnic and picked up a small Dual Band mobile unit. Made a number of new acquaintances and caught up with some friends at both events.

So is everyone looking forward to our Field Day activities Saturday June 25th at Greenwood State Park Shelter 2? The club voted for the change in venue and approved payment of the rental fee for the shelter. Should be an exciting change in a new location and hopefully a little more foot traffic of passers by curious about what we are doing. Those of you looking to assist with Field Day please contact KY4GM David Davenport. Please begin promoting this event with every opportunity you have.

If you have not already done so, please notify KJ4JGP Mitch &/or N4DLL Di that you would like to help with the STEAM event in October. Remember we are always looking for additional Net Controllers, either as an alternate or fulltime. Please contact one of the current net controllers for more information or to add your name to the list.

W4DEW Buddy and Darrell AF4E are also looking for additional groundskeepers with equipment for maintenance on the ETV Tower site.

Another thought, we need to revisit when we may want to restart VE Sessions, if we want to continue conducting sessions in Even months and if the church is willing to accommodate these sessions. I would like to think we have some members wanting to upgrade. And we should all be on the watch for individuals looking to acquire a Technician license. I encourage all members with VE credentials to let W4DEW if you are willing so participate as a VE at these sessions.

Appreciate what each of you do for amateur radio and especially our club.

Russ

Congratulations to Kevan Nason, N4XL. Particularly meaningful as Kevan grew up in Western Michigan as a boy. This QSO party included both high or low power. Well done Kevan.



Destroying the digital myth.

<https://youtu.be/3xIRNsOYuiw>

SDR control from your Ipad. It can be used for the Icom 705. 7610 or 9700 rigs. Courtesy of Tommy K4XB

<https://qrznow.com/work-the-dx-from-anywhere-sdr-control-app-for-icom-radios/>

The case of the disappearing window...Kevan Nason N4XL

I run multiple monitors and sometimes my logging program, N1MM, and Microsoft Windows get in a feud with each other. In a fit of anger Windows says, "I'll show you!" and hides one or more of N1MM's windows. That has also happened to me with programs other than N1MM. I've mentioned this tip before, but it bears repeating. Here is a question and answer from the N1MM reflector. Play around with this tip now on an open and visible window, one that isn't maximized, so you understand how it works BEFORE you need to use the tip for real.

Somehow, I am in a mode that I don't know how to get out of. N1MM+ is open. When I click on the desktop icon, it tells me that I cannot have two copies open at the same time. But my problem is that the Entry Window is not there. Therefore I can't shut off N1MM+ and try to reboot the program. I seem to be stuck. Can anyone help?

Thank you, Sumner, W1VIV

Is there an N1MM+ icon on the Windows Task Bar? If there is, hover the mouse over it. You should see a small window (about an inch square) for the N1MM+ Entry window appear just above the Task Bar. If you right-click on it, a pop-up menu should appear. If Restore is not greyed out, select that by left-clicking on it. If that doesn't bring the window back, try again - this time, Restore should be greyed out. If Restore is greyed out, select Move, and if you still can't see the Entry window press one of the keyboard arrow keys a couple of times. This should make enough of the window visible to allow you to move it with the mouse to where you want it, then left-click to leave it there.

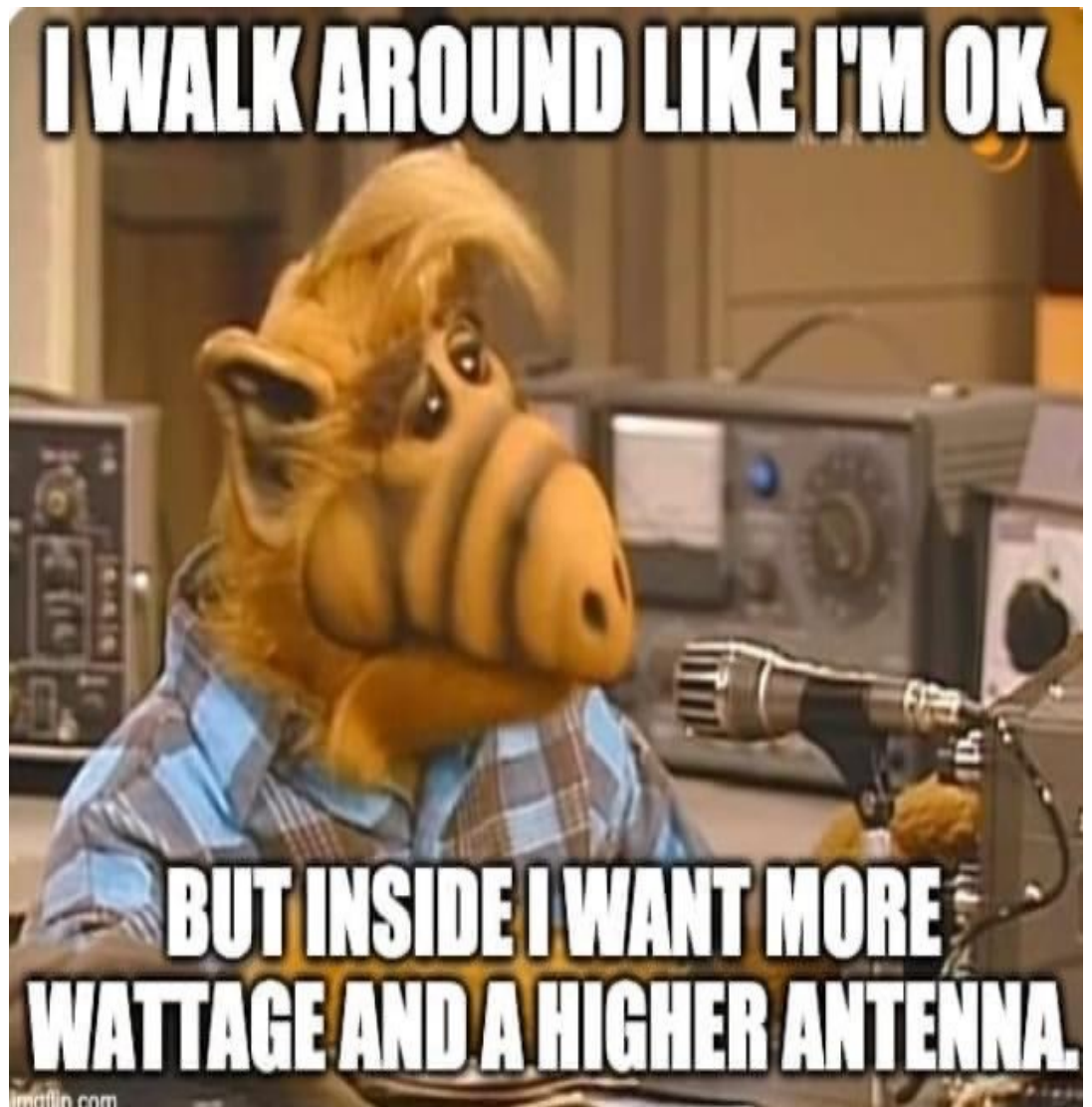
If there is no N1MM+ icon on the Task Bar, restart Windows.

73,
Rich VE3KI



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US Radio, May 1958

[U-S-Radio-1958-May.pdf \(worldradiohistory.com\)](http://worldradiohistory.com)



Please contact [Jack Witt KN4SIK](#) if you would like to use our library or have any comments or suggestions about it.



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South Carolina Section Manager Report for March 2022, N4UFP

Net / Check Ins / Traffic / Sessions / Reported By
Anderson Radio Club 2m Net / 452 / 19 / 23 / KN4PZB
Blue Ridge Amateur Radio Net / 1678 / 35 / 30 / W4DJW
CARES Net / 51 / 0 / 4 / WX4SC
Carolinas Net / 418 / 116 / 62 / KC4PGN
CARC / 142 / 25 / 4 / KU5N
CARC Simplex / 24 / 0 / 2 / KU5N
CSN / 136 / 24 / 31 / KI4KZS
Grand Strand ARC 2m Net / 229 / 18 / 18 / N4AJK
Grand Strand ARC 1.25m Net / 17 / 3 / 3 / N4AJK
Grand Strand ARC 70cm Net / 91 / 9 / 9 / N4AJK
Greater Pee Dee 2m Net / 909 / 56 / 31 / KK4KSZ
Greenwood ARC 2m Net / 62 / 6 / 3 / AI4WN
Greenwood ARC 70cm Net / 56 / 4 / 6 / AI4WN
Kershaw ARC 2m Net / / / / / KK4RUI
Lancaster County 2m Net / / / / / N4WMB
PALS Net / 842 / 64 / 31 / KN4AGJ
SC ARES Statewide HF Net / 88 / 15 / 5 / KN4KRZ
SC ARES Training Net / 41 / 12 / 4 / KN4KRZ
SC Heart Training Net / 237 / 0 / 5 / KQ4KK
SC SSB Net / 1761 / 87 / 31 / KG4RUE
Sumter County EC Net / 50 / 22 / 5 / KF4ARD
Trident ARC 2m Net / 92 / 8 / 5 / K4TCP
York Co. ARS 2m Nets / 1064 / 0 / 54 / K6FNV
York Co. ARES Net / 31 / 0 / 4 / K6FNV



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Good refresher on survival radio and emergency communications

https://www.youtube.com/watch?v=eQ0KxUXX_wI

Field Day is fast approaching. It is traditionally held on the 4th weekend of June, making it 25-26 June this year. We will hold ours on June 25th at The Greenwood State Park, shelter 2 (near boat ramp.) Dave Davenport, KY4GM is taking the lead this year. If you have any comments/suggestions or would like to volunteer to help please contact [him here](#).



The MARS mod, why?

<https://youtu.be/t9ltPjxIKIc>



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The origin of 10-4. Not used on Amateur Radio but interesting story.

Some truck driver slang makes sense with little to no explanation. *Bambi*, for example, signals that there's a deer nearby; and diesel fuel is sometimes called *go-go juice*. But unless you're familiar with the history of radio, the origins of 10-4—meaning “Message received” or “OK”—may not seem so obvious.

As Dictionary.com reports, 10-4 is part of a collection of “ten-codes” developed by Illinois State Police communications director Charles Hopper in the late 1930s. Two-way car radios had just been invented, and the codes were an especially efficient way for police officers to transmit messages to each other and back to headquarters. In 1940, the Associated Police Communications Officers, or APCO (now the Association of Public-Safety Communications Officials International), published a list of nearly 100 ten-codes to help standardize usage across state lines. 10-1 meant “Receiving poorly,” 10-2 meant “Receiving well,” 10-3 was for “Stop transmitting,” 10-4 signaled “Acknowledgement,” and so on. Tacking a 10 before each number was a troubleshooting tactic. Since radio motor-generators weren't yet high-tech enough to jump into action as soon as someone started transmitting, the person on the receiving end frequently didn't hear the beginning of the message. But if the beginning of every message was the same meaningless 10, it didn't matter.

Thanks in part to how often Broderick Crawford uttered “10-4” on the 1950s police drama *Highway Patrol*, the phrase gained a broader audience. And when truck drivers started communicating via two-way radios, they co-opted that and other ten-codes, too.

Their radios were typically citizens band radios, or CB radios, a type of short-distance device that the Federal Communications Commission started regulating in the 1940s. CB radio usage boomed in the wake of the 1973 oil crisis, when 55-mph speed limits were instituted across the nation and truckers needed a way to warn each other about speed traps [PDF]. But the technology wasn't just used for one purpose or by one demographic. As The New York Times put it in 1983, CB radios were “a sociological phenomenon that turned the highways of the 1970s into a giant chattering social circle.” Truck drivers' CB radio shorthand took on a life of its own during the era, bolstered by the popularity of C.W. McCall's 1975 hit “Convoy.” The song, about a cross-country convoy of trucks, is fit to burst with truckers' terms—10-4 included—and actually inspired the 1978 road action movie of the same name, starring Kris Kristofferson and Ali MacGraw.

While CB radios aren't quite so ubiquitous these days, plenty of truck drivers still have them—and 10-4 has yet to fall out of fashion as the go-to code for “Acknowledgement.”



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The second rule of Antennas—Height matters Ke0og

<https://youtu.be/qYMUwPIPSnQ>



Mitch KJ4JGP is actively looking for operators to give presentations on any aspect of Amateur radio. He is also soliciting ideas and or suggestions on how to resurrect GARS interest in participating in the STEAM event scheduled for October 2022. Contact him [here](#).

GARS Members news

Mike KA4CSM, made three contacts to Australia on FT8. One each on 20, 30 & 40 meters, confirmed by eQSL



It's getting to be that time of the year again. [Buddy](#) W4DEW and [Darrell](#) AF4E will be regularly asking for help in maintaining our repeater sites. Please plan on helping if you can.

We are seeking some new net controllers to augment our current ones. A big thank you to all our current controllers for your commitment. Contact any of them for more information on how to join there ranks..



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Classifieds:

Tower available for free. Presently located at 152 Cherokee Drive Greenwood, SC. Seems to be a light weight Rohn type with accessories for tilting and maintenance. Mounted in a concrete base, it needs to be gently removed from the end of the house. It has a light weight (looks like MA-5) beam antenna with rotor. If you are Interested, contact Ms. Nancy Lumley at (864)980-8763



HAMFESTS & EVENTS

Daytona [Hamvention](#), 20-22 May 2022

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

Classifieds

Wire Dipole, unknown length. Will let it go for best offer. Contact [Stephen Lyda](#), KA4PQA for more information



- * 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