



The Signal Report

A Publication of the Greenwood Amateur Radio Society (GARS)

VOLUME 19 ISSUE 11

NOVEMBER 2021

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

W4GWD@ARRL.NET

2021 CLUB

OFFICERS

President

Russell Myrick, KN4TUI

Vice President

Tommy Owens, K4XB

Secretary

George Crane, W3RXF

Treasurer

Tedd Davison, AI4WN

Repeater Trustee

Buddy Willis, W4DEW

Activities Manager

Mitchell Litwer, KJ4JGP

Editor in Chief

Michael Wills, KA4CSM

Librarian

Jack Witt, KN4SIK

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, continuing to undergo technical evaluation.
Repeater Linking Project-Linked during nets and special occasions

November 2021

The GARS Christmas party originally scheduled for December 14, 2021 has been cancelled. Due to an increase in Covid activity the following club activities are postponed until further notice. VE sessions, in person meetings, Chat-n-Chews & the GARS Hamfest originally scheduled for 1-8-2022. The next GARS club meeting will be held "On the Air" and on Zoom on 9 November 2021 at 8 p.m. A net roll call will be taken and it will become the official attendance roster for this meeting. The GARS 2m (147.165) and 70 cm (443.900) repeaters will be linked during this meeting time.



Greenwood Amateur Society Recurring Events:



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Chat 'N' Chews

Have been postponed until further notice due to Covid.

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.

VE Exam Session

Due to Covid all GARS ARRL Volunteer Examiners (VE) sessions have been postponed until further notice. Please contact Buddy Willis, w4dew@arrl.net with any questions.

Congratulations!!

Happy Birthday!

Happy Anniversary!

Al West

KB4RA

Nov. 15

Mark (WT4KY) & Debbie Tussey
Nov. 27

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



2022 looms on the horizon. Society at large is still adjusting, but life goes on daily. Covid-19 continues to be with us, politically, clinically, socially and personally. Individually with everyone determining what level of interaction with family, shopping, dining out, clubs, church, travel and other areas of life.

As a club we agreed to suspend Chat-n-Chew's, VE Sessions, in-person meetings, cancelled our Christmas Dinner and the GARS Legacy Hamfest for 2022.

Our club has acquired a ZOOM subscription and K4XB Tommy, our Vice President, conducted the October meeting as a hybrid On Air/Zoom meeting. Initial Check ins were on Air in a directed net protocol then following the Agenda sequence. The meeting was concluded with a number of club members participating in a Zoom session. I think a number of us thought that went pretty well. We are planning on that format for the November 9th meeting. Hopefully with more Zoom participation. So stand by for the Zoom credentials (meeting ID and password). Going into 2022, I, along with several other members, feel strongly we should conduct in-person monthly meetings, perhaps a hybrid in-person/Zoom. Other clubs do this and it works well. In speaking with KN4SIK Jack, Wesley Commons is open to our group meeting in the library. Jack said he could confirm the schedules with Wesley Commons.

Also, heading into 2022, I think we should resume Chat-n-Chews for members that are comfortable attending. As many restaurants are open for inside dining. And that leaves VE Sessions. We have members seeing to upgrade and several non-hams interested in getting their 1st ticket. So let's consider getting VE sessions scheduled in even months as we have historically done. I think doing activities noted above would encourage and hopefully increase participation in our weekly nets, meetings, etc. And always open to comments, suggestions and concerns from our membership.

Hope to catch you on the Nets and see/hear you on our meeting Tuesday 11/9 at 8:00pm Wishing you and your families and friends a Happy Thanksgiving. Grab a sheet of paper and pencil and make a list as you Count your many blessings, name them one by one.

Review the latest GARS Roster provided by W4DEW Buddy and contact those members you have not seen lately or heard on our nets. I'm sure they would appreciate hearing from you.

I am thankful for our members and this hobby we share.

Russ, KN4TUI



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George Crane W3RXF, has been a GARS member since 2014. He has been the club Secretary for 6 of those years, a position he has held with great success, commitment, and enthusiasm. He will be stepping down soon. If you are interested in filling this position please contact George, Russ Myrick or any club officer. This is a great opportunity to contribute to your club.

Popular Electronics, November 1955, provided by Darrell, AF4E

[Pop-1955-11.pdf \(worldradiohistory.com\)](#)

RF Exposure and You, courtesy of Charlie, AE4UX

[RF+Exposure+and+You.pdf \(arrl.org\)](#)

For all you ARRL members, Several On the Air Podcasts

<https://blubrory.com/arrlontheair/>

Using Phonics on HF, provided by Keith, WD4PTJ

<https://www.youtube.com/watch?app=desktop&v=2IS3cfnnPMA&feature=share&fbclid=IwAR2>

Radios role in WWII

https://youtu.be/Jps0_2adUvo



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Veterans Day is November 11, 2021. It is a time to remember our veterans and the many sacrifices they made during their service to our country. Some of you have served our country in many different ways. For one reason or another you have chosen not to have your names listed here. The time you spent as a Soldier, Sailor, Airman or Marine, whether it be in peacetime or in harms way, is something you should be proud of; your Nation is. Thank you and for you Vietnam Vets; Welcome Home.

Dave Russ, K4DWR, LTC (ret), Medical Service Corps, AIRBORNE!!!, Some highlights of my Army career was my time spent in the 5th Special Forces April 73 and the 82nd Airborne Division as a Medical Platoon Leader at Fort Bragg NC. My last assignment was as a Medical Administrative Officer at Pine Bluff Arsenal, AR with the 2/508 Parachute Inf. Regiment. I retired in May 2000

Kevan Nason, N4XL, MMC(SS) ret. Assignments included Engineering Watch Supervisor on two Ballistic Missile submarines and while on the commissioning crew for a new construction Fast Attack boat, Lead Nuclear Planner on a destroyer Tender, Reactor Plant Technology Instructor, and Nuclear Prototype Instructor.

Michael Wills, KA4CSM, Command Sergeant Major (CSM) ret. US Army 1969-1993, Vietnam 70-71, started career as a turbine engine repairman and served the next 20 years in the Field Artillery mostly on 105mm and 8" howitzers. Retired as a Brigade CSM.

Allen West, KB4RA, United States Navy 1962-1966, ATN2. Served as an airborne radio operator and technician in VW-11 for two years. Based in Argentina, Newfoundland, and Keflavik, Iceland. Crewmember on EC-121-K Lockheed Super Constellations in the North Atlantic as an airborne extension of the Dew Line radar defense during the Cold War era.. Tracked the Russian Bear aircraft flying down the Atlantic supporting Cuba. See Bio. of VO1NWP on QRZ.com for more information. During my tenure I had the pleasure of watching an island being born off the coast of Iceland, now called Surtsey, (See Wikipedia.) The volcano that built Surtsey is now dormant but I saw it before it broke the surface as a hole in the ocean.

Ken Trapnell, KQ4RB is an Army Veteran who was on active duty from 1968-71.



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A Patriotic songs by Sailor Jerri, titled “Hallelujah— Veterans version” Not ham related but all American!

<https://youtu.be/msYPbjFC50w>

Angel Flight

<https://youtu.be/nO3rrPHQwbs>

PTSD is real, many live with it everyday. The below link is a “Soldiers Memoir” a powerful PTSD song dedicated to them.

<https://www.youtube.com/watch?v=RFACrnTV58Y>





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In Vietnam Do you remember how we called home?

Radio operators
would relay to-and-
from operators in
the USA and Vietnam
...nothing like today!

*"I love you
...Over... I love
you too...Over"*

B-Miller



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Photo is for illustration only, not my system. Mike

I have been researching batteries that can be charged with solar panels to power my ham gear. The battery would be used in the event of a power outage or maybe even for “Parks on the Air.” I looked at many different batteries and decided on the Bioenno line. As you may imagine there are many to choose from. I chose the LiFePO4 12 volt 20 Amp. Lithium Iron Phosphate battery. They are good for over 2000 charge cycles, lightweight, capable of charging by solar or DC, pure sine, and emit no EMI or RFI, and with the power box can charge cell phones, ipads, almost anything with an USB cable.

I purchased a package which included the battery, its charger, 120 watt solar panels, cables, 30 amp controller and power box, taxes and shipping for \$600.00.

One of the things that made my decision easier were the charts that indicate the batteries performance in different situations. Go to Bioennopower.com and scroll down to “Ham and Communications” several charts will appear. Select the chart corresponding to the type of transmitter you have. Also weighing heavily was the fact that they were in stock and ready to be shipped and they have excellent customer service.

Mike. KA4CSM

We had 12 of our members meet on Zoom immediately after our on air meeting on 10-12. Once we worked out the bugs it went smoothly. Until Covid leaves us and we resume in person meetings GARS looks forward to holding future meetings, executive sessions and training on it. “On the Air” meetings will continue to be held simultaneously for the time being. Russ KN4TUI, Tommy K4XB and David KY4GM are available to assist and answer questions with set up and use on there electronic devices





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Old Radio Catalog, 1927

[Harry-Alter's-Radio-Book-1927.pdf \(worldradiohistory.com\)](#)

Several ideas for antennas for use while "Fox Hunting."

[Fox Hunting - \(everythinghamradio.com\)](#)



September 2021

2m

check-ins 91

traffic 5

sessions 5

70cm

check-ins 51

traffic 4

sessions 4

Tnx. 73 de AI4WN

HAMFESTS & EVENTS

The Greenwood Amateur Radio Society (GARS) Ham fest originally scheduled for January 8, 2022 has been postponed due to COVID. It has been rescheduled for January 14, 2023

[Hamcation](#) , Orlando, Florida 11-13 February 2022,

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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:

I'm considering purchasing a Buddipole. Does anyone have any experience with them? A meter capable of measuring its SWR in different configurations would be helpful. If you know of one for sale please let me know. Thanks Mike, KA4CSM

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