



The Signal Report

A Publication of the Greenwood Amateur Radio Society (GARS)

VOLUME 20 ISSUE 3

MARCH 2022

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

W4GWD@ARRL.NET

2022 CLUB

OFFICERS

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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.
Repeater Linking Project-Linked during nets and special occasions

March 2022

Unless otherwise notified the next GARS club meeting will be held "On the Air" and on Zoom on March 8, 2022 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, A14WN](#).

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!

None to report

Happy Anniversary!

None to report

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



Russ is still under the weather and asked me to pass along several of his thoughts. Field Day is fast approaching on June 25/26. It's an opportunity to get together as a club and have some fun. Everything from putting up and experimenting with antennas to operating different radios. In addition to working the bands, another thought might be to set up and run demonstrations on FT8, and power rigs by batteries. David DavenportKY4GM, has stepped up and volunteered to take the lead in organizing it this year. Thank you David. Please [contact him](#) if you have any suggestions or are willing and able to supply equipment. In years past field day has been held at Coronaca Baptist Church, if anyone has a contact there please let David know. We are also willing to consider other locations.

Some of the ARRL rules for 2022 field day.

1. The maximum PEP output for a transmitter used by anyone submitting a Field Day entry will be 100 W, regardless of entry category.
2. Class D (Home) stations will continue to be able to earn points for contacts with other Class D stations.
3. The club aggregate scoring change initiated in 2020 as a temporary measure will become part of the permanent rules. In the aggregate scoring plan, the scores of individual stations are combined under the aggregate score of a club that is designated on the individual entry form.
4. Media Publicity Rule 7.3.2, has been modified. Field Day participants will now be required to obtain publicity, not just try to do so. Any combination of bona fide media hits would qualify for the bonus points. For example, posting the details of your upcoming or ongoing Field Day activity, or your Field Day results, on a club or news media site, on Facebook, or via Twitter and Instagram would meet the bonus criteria.

Our annual dues are due and payable to our treasurer [Tedd Davison](#), AI4WN and must be received by April 1, 2022 in order to remain current.

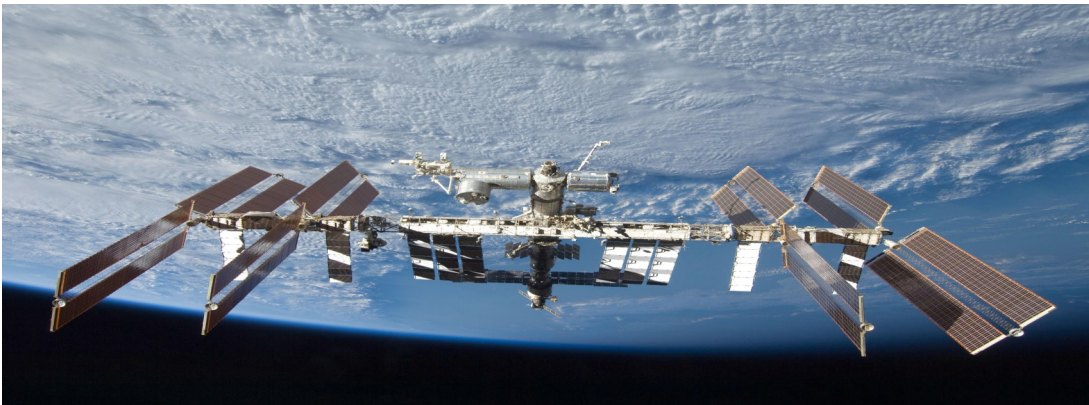
Russ, KN4TUI via Mike KA4CSM

10 meter long path, Kevan , N4XL

VK6T was put in my 2021 CQWW CW log using a Long Path propagation route. Western Australia is more difficult to work from here in South Carolina than is Eastern Australia so I was pleased to snag Kevin. I was a bit surprised to notice he was strongest pointed almost due south at 170 degrees rather than the normal 120 shown on an azimuth map. It turns out rather than being unusual that was the expected direction to find him. Carl Luetzelschwab, K9LA, explains why in a 2012 article available on his website at https://k9la.us/A_Refreshers_on_10m_Long_Path.pdf . Whether or not you have directional or higher gain antennas this is useful information as it explains when long path openings may be present on 10 meters to many hard to get countries in eastern and southeastern Asia. Even modest stations may be able to take advantage of this opportunity if the SFI is high and their timing is right. Those with beams should consider pointing that way for a listen or to try a few CQ's.

A blog on fox hunting, K5CLM

[Fox Hunting - \(everythinghamradio.com\)](http://everythinghamradio.com)



Amateur Radio on the International Space Station

<https://www.amsat.org/amateur-radio-on-the-iss/>



If you are a Technician class or thinking of becoming a amateur radio operator this is an excellent uTube for you

<https://youtu.be/ytoUfzLWrQs>

You may be familiar with FRS (Family Radio Service) here is a good video on the MURS (Multiple use radio service)

<https://youtu.be/sYtCcQmdf7k>



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"If it wasn't for ham radio, I would have never even heard of Kyrgyzstan, Brunei, Kiribati, Djibouti, Malta, Nauru, Azerbaijan, or Burkina Faso!

Do you know the difference between a QSO and a QSL?

A "QSO" is a contact, a "QSL" is a confirmed contact. A QSO becomes a QSL when it is confirmed. QSL can also mean, "can you acknowledge reception, or I am acknowledging receipt of your transmission, depending on the context.

Provided courtesy of Fred, KA4RUR via the Maritime Radio Group



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				DEC 7	1941
1652	Tester	Still on Long Beach			500
1711	CA	Wear + Juto & Sre			
15	CP	Beal KSSP #1 KUKL #2 WCCM			
15	SPO	No Sigs			500
33	KES	CBS QSW f/c			
45	SPO	No Sigs			500
1800	CA	VAE No Wk Sunday			500
15	SPO	No Sigs			500
31	KFK	With KUFN			
45	SPO	-			
47	NERK	KIEK Calls ana 500			500
48	KTK	NMC QRZ KIEK RUSH BK HIM			
51	KIEK	KTK UNHEARD 660 QSY 24			
57	NPG	KTK RUSH 500 (MSG FM LURLINE ON HF) NMC TELLS HIM GA			500
1900	NMC	KTK RUSH FROM KIEK - NAVY SANFRAN - USAT CYNTHIA OLSON SENT DISTRESS SIGNALS AT 1838 GMT REPORTS SUBMARINE IN LAT 33.42N LONG 145.29W AND REQUESTS LURLINE TO STANDBY - RADIO LURLINE. PLS RUSH THAT.			
02	NPG	KTK CALLS "SEE NMC ON FONE"			
03	WUAP	KIEK CALLS -QRM ON REST NPG AND KTK			
04	KTK	NMC BK -GOT OFF OK DIRECT--(MISS REST QRL KIEK HF)			
09	NPG	KPH CALL RAISE AND QSW 436- HE CANNOT READ US, TOO WEAK! NMC CALLS AND TAKES MSG FOR NAVY			
15	NMC	KPH DE KIEK -NAVY PEARL HARBOR RUSH- AT 1838 GMT WUAP ? WUAP USAT CYNTHIAOLSON SENT FIRST AUTO ALARM SIGNAL FOLLOWED BY SOS SOS SSS DE ? DE WUAP LAT 33.42 N AND LONG 145.29			
311	WGBC	NPL ---URGENT-TO-ALL-US-MERCHANT-SHIPS			
15	SPO	QRX PER			
21	NMC	KPH OBS MSG FROM KIEK FOR NPG/HIS REQ			
27		KIEK WITH WMCF - QRM, UNCOPY HERE.			
31	XXX	WGBC DE NPL QRM ON MOST -MSG ADDSD URGENT TO ALL US MERCHANT SHIPS			
35	XXX	WGBC DE NPG USAT CYNTHIAOLSON SENT DISTRESS REPORTS ENEMY SUBMARINE LAT 33.42 NORTH LONG 145.29 WEST 071902 -VA			

Provided courtesy of Fred, KA4RUR via the Maritime Radio Group, Continued



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Radio Log

S.S. WILLIAMS Call Signal WV

Bound from DEC 7 1941 to _____

NORTH LONG 145.29 WEST 071902 -VA
DISTRESS REPORTS ENEMY SUBMARINE

Sheet No. 23

GMT	CALL LETTERS		DATE AND PARTICULARS OF COMMUNICATIONS	FREQUENCY	STRENGTH OF SIGS.
	TO	FROM			
			F. GEISEL CONTINUED		
1942	KPH	NPL	URGENT TO ALL US MERCHANT SHIPS- FOLLOWING FROM COMMANDER IN CHIEF PACIFIC AIRRAID ON PEARLHARBOR HOSTILITIES WITH JAPAN COMMENCED WITH AIR RAID ON PEARL HARBOR THIS IS NO DRILL- RADIO SANDIEGO. PLS ACK AND BDCAST.	500	
42	XXX WGBC DE	KPH	QSW 436,126 KC 12.7 16.8 MC		
42	WGBC	KPH	BC DE NPL AND DE NPG (LATTER VIA WU) ENDS 1947	436/126	
48	WGBC	NPG	REPEATS RE CYNTHIA OLSON		
53	WGBC	KFS	QSW AND REPEATS SAME AS OUR NPG		
2091	WGBC	NPL	USAT CYNTHIA OLSON SENT DISTRESS REPORTS ENEMY SUBMARINE		
			LAT 33.42 N LONG 145.29 W 071902 - SOME QRM VARIOUS LOCAL SIGS		
08		KSE	EXCHANGE LATEST WGBC NPG/NPL	408	126
15	WGBC	KPH	BC 2 DE NPL , 1 DE NPG 436/126		
15		SPO	NO SIGS HEARD	500	
21	CQ WGBC DE	NPG	REPEATS BC OF 1935GMT RE CYNTHIA OLSON		
25	NPG	NPW	CALLS		
28	KIEK	KFS	CALLS RUSH URGENT		
33	KFS	KPH	R R KIEK - (RE RADIO SILENT- HE TOLD KFS ON 12 MC TO SO INFORM KPH/KTK, AFTER/SENDING HIM URGENT MSG)	500	
45		SPO	NO SIGS	500	
49	KPH	KSE	CALLS ANS LW		
2109	WGBC	KPH	BC 2 DE NPL, 1 DE NPG, AND INFO WILL BC WGBC HOURLY & NEW ONES AS THEY APPEAR.	436/126	
09	CQ	KPH	ALL TFC SOCIAL OR PERSONAL - QRX 2300		
15		SPO	NO SIGS	500	
20	WGBC	KTK	ALL US MERCHANT - EXECUTE WPL FORTY SIX AGAINST 071940- SECRETARY NAVY - (WE HAVENT RECD THIS ONE FROM NAVY YET)		
32	WGBC	KFS	ALL US MERCHANT SHIPS- JAPANESE AIR RAID ON PEARL HARBOR 071842- NAVYRADIO & REPEATS ONE OTHER.		
40	WGBC	KPH	BC MSG (INTERCEPTED DE WCC ON HF)-RUSH TO WGBC-7 GROUPS- EXECUTE WPL FORTY SIX AGAINST JAPAN 071930- SIGNED SECRETARY OF NAVY	436/126	

PLEASE USE OTHER SIDE



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Results of GARS January 2022 Nets, courtesy of Tedd, AI4WN

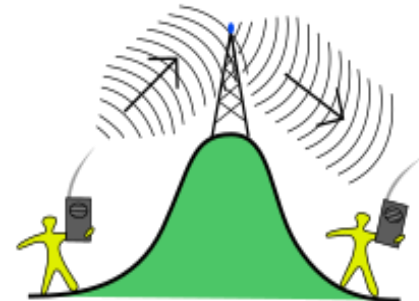
2 meter		70cm	
check-ins	90	Check-ins	52
Traffic	5	Traffic	4
Sessions	5	Sessions	4

RF Line of sight tool. Pretty cool. Check it out.

<https://www.scadacore.com/tools/rf-path/rf-line-of-sight/>

On July 1, 2022 a new element 2 Technician class question pool will take effect for examinations.

At the February 8 monthly meeting we had 12 members meet on Zoom plus 2 that signed on late and 1, David Collins N4WDC who signed on from Arizona. We hope to resume in person meetings as soon as possible. Stay tuned.



Provided by David, KY4GM

Clinton put up a new 440 machine, it can be found at 443.675 DPL 315.

Little Mountain made a temporary change to the frequency on the Little Mountain repeater to 146.625 which may become permanent depending on the interference. It will be tested for awhile.

The North Augusta repeater 146.73 (no tone) is alive after an extensive tune-up. It is the only totally solar powered repeater in the area.



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Annual dues for the Greenwood Amateur Radio Society (GARS) are due by April 1, payable to [Tedd Davison](#), AI4WN. They are \$25.00 per individual membership, plus \$2.00 for spouse, plus \$2.00 more per student. **As of Feb. 8 18 members have paid; this time last year 52 had paid.** In order to remain current they must be payed before April 1, 2022.



Mitch KJ4JGP is active looking for operators to give a presentations on any aspect of Amateur radio. Currently they would be given over zoom and in person as soon as in person meetings resume. Contact him [here](#).

I'm disappointed that no one has responded to the below post from last months newsletter. Hard to believe that no one has anything to share in our newsletter. *Our club is only as good as you make it.*

Let's try something new. Anyone wishing to participate simply send 1 or 2 sentences highlighting anything you have done since the last newsletter relating to amateur radio. Could be anything from putting up a new antenna, getting new radio equipment, participating in any contest etc. Here's how mine might look. Send yours [here](#)

Mike, KA4CSM - Worked Lexington SC on FT8, on 40 meters, 38 miles away

If anyone in the club has an interest of becoming the Public Information Officer (PIO) for our club please contact W4EGM@outlook.com with a note to [Russ Myrick, KN4TUI](#).



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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

[charlotte-hamfest](#) March 11 & 12 2022

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

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



- * 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>	
W4GSW	Willis, Gay	8/11/2010	*
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	*

* indicates GARS member when became SK