

The Signal Report

A Publication of the Greenwood Amateur Radio Society

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NOVEMBER

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

W4GWD@ARRL.NET

2016 CLUB OFFICERS

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The W4GWD Repeater Network

147.165+ t107.2

Echolink: 584003

443.900+ t107.2

W4DEW/R

146.910- t123.0

W4GWM/R

145.420- DV

Infrastructure Update

Analog Repeaters are up.

DMR and D-Star is up.

Fusion coming soon!

Echolink is up.

APRS iGate is up.

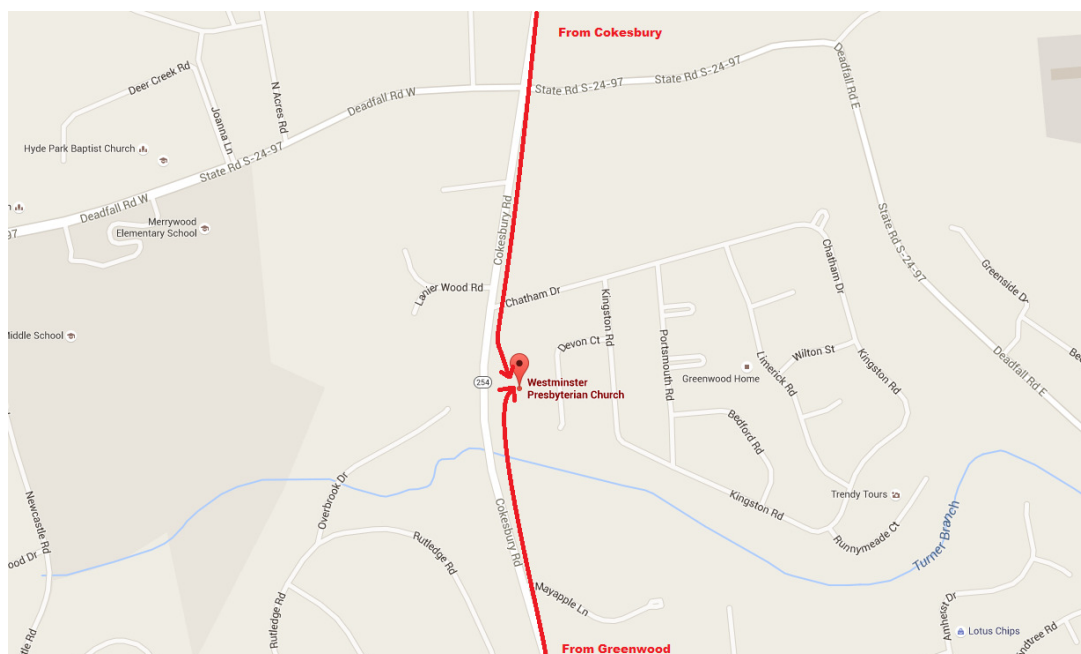
Packet Node is up connected to the Carolinas Packet System. 145.010

Downtown Digi coming soon. (equipment is sourced!)

Repeater Linking Project coming soon! (equipment is sourced!)

November Meeting

This month's club meeting will be held at the Westminster Presbyterian Church, located at 2330 Cokesbury Rd, Greenwood, SC. The new meeting date is on the 2nd Tuesday, which will be the 8th this month. Meeting starts at 7:30 Sharp.



Society Events:



Like Us on
Facebook

facebook.com/
GreenwoodARS

Chat 'N' Chew

Every Friday at 11:30am the members of the Greenwood Amateur Radio society meet at a local restaurant. Please check on the radio to see the new location. Everyone is welcome to have lunch or sip your favorite beverage and chat for a while. **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

VE Exam Session

The GARS ARRL Volunteer Examiners (VE) Team will have an exam session 7:00pm Tuesday, December 6th at the Westminister Presbyterian Church. The address is 2330 Cokesbury Rd Greenwood SC 29649-9515 We hope to see you there. Please contact Buddy Willis W4DEW w4dew@arrl.net

Congratulations

Happy Birthday!

Phil Henry	WW4I	Nov 6
John Sullivan	KJ4RYB	Nov 7
Al West	KB4RA	Nov 15
Jo Henry	KC4UU	Nov 21
Authur Gillespie	KJ4UAU	Dec 7
Fred Pinson	K9PIN	Dec 10
Jim Gresham	AK4EK	Dec 31
Eldora Keck	KB4YON	Dec 31

Happy Anniversary!

Emile and Angie Barrouk
Nov 20
Jim and Betty Gresham
Nov 26
Darrell AF4E and Dena Manning
Dec 3
Bert KJ4VJ and Eldora KB4YON Keck
Dec 22
Cole KK4RVA and Jackie Floyd
Dec 24

Phil's Corner:

Hamisms #8675

Organize your cables and use Velcro wraps to minimize messes

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>



Linked Repeaters

To provide radio coverage over a large area, a series of repeater sites can be linked together, establishing a chain. Repeaters of different bands may be linked to each other. At each site, multiple radios may be used to provide local coverage as well as continue the link to the next site. The local radios or the link radios are often accessed by tones.

A multiple linked repeater system can provide radio coverage over long distances and large areas. In applications where the distance has become too long or the coverage provided is too restricted for a single repeater, more repeaters are used to enable radio users to communicate over a greater distance.

THE PROBLEM

For applications where a single repeater cannot provide the coverage or the distance has become too long, multiple repeaters can be used to enable radio users to communicate over the greater distances.

THE SOLUTION

A repeater extends coverage beyond the range of a single radio. For applications where the mobile radio is beyond the range of the QTH or another mobile, a repeater system enables them to communicate. Repeaters can be used to overcome geographic features that obstruct radio communications or to communicate over greater distances.

THE EQUIPMENT

Most repeaters are linked using a link radio to another repeater on a different frequency in another band, or using wire line technologies like a leased dry pair from the telephone company. Some new linking projects connect over the internet with VOIP solutions. These high quality connections ensure the repeater links are seamless to the end user.

HAMFESTS and EVENTS:

Mark your Calendars! Greenwood Amateur Radio Society Hamfest at Piedmont Technical College January 2017

11/5/2016 *Stone Mountain Hamfest* Gwinnett County Fairgrounds 2405 Sugarloaf Parkway Lawrenceville, GA 30042 <http://www.stonemountainhamfest.com> Alford Memorial Radio Club Talk-In: 146.76 tone 107.2 Contact: Gail Massara N2ART 855-786-8643 hamfest@stonemountainhamfest.com

01/14/2017 *Greenwood Hamfest* Piedmont Technical College, James Medford Family Event Center 620 North Emerald Road Greenwood, SC 29646 <http://www.w4gwd.org/>
Talk-In: 147.165 (PL 107.2)
Contact: Tedd Davison, AI4WN 864-377-1872 ai4wn@arrl.net

If you have any ideas for books you'd like to see in the GARS Library, Contact Mitch KJ4JGP

Packet Cluster:

- ◆ 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! 147.165 Net Thurs. 9pm
- ◆ Callsign info <http://www.ae7q.com>
- ◆ Track us on APRS: <http://aprs.fi>

Classifieds:

2 Meter whip antenna for sale, Best Offer. Contact Stephen Lyda KI4ZSY stephenlyda@yahoo.com



If anyone has any Ham radio stuff to sell or trade... list it in this column by calling Buddy, w4dew@arrl.net, 864-445-7574

If you want to see your article or wish to advertise in The Signal Report, please send an email to the newsletter staff via newsletter@wj4x.net