



G.A.R.S. Monthly Newsletter

Web Page: www.w4gwd.org

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2007

Greenwood Amateur
Radio Society, Inc.
P.O. Box 2404
Greenwood, SC 29646

President
Earl Powell, KC4AXY

Vice President
Joe Mimms, K4GBH

Secretary
Tedd Davison, AI4WN

Treasurer
Harvey Hill, WB4KXE

Activities Manager
Bobby Gosnell, KF4ZY0

UPCOMING EVENTS AND HAMFESTS

12 Jan 2008 + Greenwood
ARS
Greenwood Civic Center
1610 Hwy 72E
www.w4gwd.org

December Meeting

Christmas dinner 6:00pm Dec.17, 2008 at Ryan's on the 72 Bypass in Greenwood.

Club Dues

CLUB DUES FOR 2008 ARE DUE NOW!

Mail to GARS, PO Box 2404, Greenwood,
SC 29646 or give to Harvey at next meeting.
These must be paid by March 31, 2008.

Paul

We all hope Paul Savage KA4OPC will soon be doing much better. He is in Magnolia Manor nursing home.

Hamfest

GARS Hamfest Jan. 12, 2008

New Members

Please welcome all new GARS members:

George Rambo, KI4ZSZ
Jimmy Canfield, KI4ZSW & Lisa, family member

Note: GARS ended the year with 55 members!!!

Chat N' Chew

Every Friday at 11:30am to 1pm at George's Family Steak House, 713 Bypass 25NE, Greenwood, 223-2707. Everyone is welcome to have lunch or sip your favorite beverage and chat for a while.
(Dutch treat).

Weekly Net

Every Thursday night at 9pm on 147.165+, The Greenwood Amateur Radio Society holds the weekly 2 meter net. Help spread the word to check into the Net.

If you would like to fill in or be a backup net control please let Buddy Willis, W4DEW know.

Happy Birthday November

December 24	Jean Farmer, K4KKA
December 31	Don Finlayson, KG4WRC
December 31	Eldora Keck, KB4YON
December 16	Dave Zugsberger

Happy Anniversary November

December 1 Jimmy Dean, KI4VFQ & Harvey Hill, WB4KXE
December 22 Eldora, KB4YON, & Bert Keck, KJ4VJ
December 3 Dena & Darrell Manning, KI4BST
December 14 Joanne & Paul Savage, KA4OPC
December 7 Mamie & Warren Wise, W4PY

**** Please let us know if we've missed anyone...**

Classified

Hygain 203, 3 element 20 meter monoband antenna. On tower for 1 year. \$175. Call Kevan Nason, N4XL, 864-943-1740, knason@emerald.is.com

Shorty Forty ó Force 12 EF-240S \$350.. Never fully assembled.
Call Kevan Nason, N4XL, 864-943-1740, knason@emerald.is.com

Short Wave Receiverí Sony IC SW55í . Good conditioní make offer.
864-980-7177, email: dieterzimmerer@hotmail.com

Wantedí . Rotator for HF beamí
Contact: Adam Shirleyí Email: KI4WQD@arrl.net

If anyone has any Ham radio stuff to sell or trade... list it in this column by calling Betty Ann, KF4BVK at 864-682-7374, kf4bvk@backroads.net or David, KG4BJX, 864-943-4311, davidm@nctv.com

GARS Website

Jeremy, KI4CCZ has updated our website and has added pictures from the 2007 Hamfest. Go to www.w4gwd.org and take a look. Jeremy adds the newsletter to the website each month

Amateur radio

From Wikipedia, the free encyclopedia



Amateur radio station with modern *solid-state transceiver* featuring *LCD* and *DSP* capabilities

Amateur radio, often called *ham radio*, is both a *hobby* and a service that uses various types of *radio communications* equipment to communicate with other radio amateurs for *public service*, recreation and self-training. A participant is called an *amateur radio* operator a ham.

Amateur radio operators enjoy personal *wireless communications* with each other and often support their communities with *emergency and disaster communications* while increasing their personal knowledge of *electronics* and *radio* theory. An estimated six million people throughout the world are regularly involved with amateur radio.

The term "amateur" is not a reflection on the skills of the participants, which are often quite advanced; rather, "amateur" indicates that amateur radio communications are not allowed to be made for commercial or money-making purposes.

Specialized Interests and modes

While many hams simply enjoy talking to friends, others pursue a wide variety of specialized interests.

- *Emergency communications*
- Hand building *homebrew* amateur radio gear
- Designing new *antennas*
- Communicating via *amateur satellites*
- *Severe weather spotting*
- *DX communication* to far away countries
- *DX-peditions*
- Using the *Internet Radio Linking Project (IRLP)* to connect *radio repeaters* via the Internet
- Tracking vehicles using the *Automatic Position Reporting System (APRS)*, which integrates with the *GPS*
- Engaging in the sport of *contesting*, earning *awards*, and collecting *QSL cards*
- *Amateur Radio Direction Finding*
- *High Speed Telegraphy*
- *Low-power operation (QRP)*.
- *Vintage amateur radios*, such as those using *vacuum tube* technology
- *Hamfests*, club meetings and swap meets
- *Portable, fixed, mobile and handheld* operation
- *VHF, UHF and microwave* operation on *amateur radio high bands*

Tech Q&A

1. What is the proper way to break into a conversation between two stations that are using the frequency?

- A. Say your call sign between their transmissions
 - B. Wait for them to finish and then call CQ
 - C. Say "Break-break" between their transmissions
 - D. Call one of the operators on the telephone to interrupt the conversation
- (Answer at bottom)

2. What is a courtesy tone?

- A. A tone used to identify the repeater
 - B. A tone used to indicate when a transmission is complete
 - C. A tone used to indicate that a message is waiting for someone
 - D. A tone used to activate a receiver in case of severe weather
- (Answer at bottom)

Tech Q&A Answers

1. A.

When you wish to break into a conversation on a repeater, the proper procedure is to give your call sign as soon as one of the stations stops transmitting. Both stations should pause to listen for any stations breaking in (call "breakers.") If you are one of the stations involved in an ongoing conversation, make sure you briefly pause before beginning your transmissions. This allows other stations to break in ---there could be an emergency.

2. B.

A courtesy tone sounds a second or so after the repeater receiver detects that the incoming transmission has ended. This prompts repeater users to leave some space between their transmissions so that other stations can break in. It also serves as a signal that the other station is really done transmitting and not just pausing. When the courtesy tone sounds, it is also a signal that the repeater's time-out timer has been reset and communications may continue without causing the repeater to shut down.

Note: A special thanks to everyone who contributed articles and info for this newsletter.