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# The Blue Ridge Echo .. Echo .. Echo..



**Official Transmitter of the Blue Ridge Amateur Radio Club - W4YK -**

## Message from the President, Stan Frady (N1BBS)

### The Prez Says...

Greetings everyone, I hope you are all doing well. Warmer weather is here, so it is a good time to get out and start repairing damaged equipment from the winter weather or participating NPOTA (*National Parks on the Air*) at one of the nearby National Parks.

We will have a guest speaker next month and I have been told it should be a great presentation.

If you are wanting to get up with me, my personal email is [skfrady@gmail.com](mailto:skfrady@gmail.com)

73,

Stan Frady (N1BBS)

## Minutes from March 1, 2016

The meeting was called to order by Stan Frady (N1BBS) at 7:01 PM followed by the Pledge of Allegiance.

**In Attendance:** There were 25 people who signed the attendance sheet.

**VISITORS:** Our speaker Michelle Carmichael (KK4NRB).

## Treasurer's Report



Balance as of 01/31/16	\$ 1,570.70
Plus: Dep: Dues 7x plus \$20 50/50	\$ 160.00

<b>Total Income</b>	<b>\$ 160.00</b>
<b>Sub-Total</b>	<b>\$ 1,730.74</b>
<b>Less: Exp/Adj:</b>	
<b>Tnx gift for outgoing BRARC president</b>	<b>\$ 50.00</b>
<b>Post Office Box Rent</b>	<b>\$ 56.00</b>
<b>Total Expense</b>	<b>\$ 116.00</b>
<b>BALANCE AS OF 02/29/16</b>	<b>\$ 1,604.74</b>

### **CLUB NEWS**

2016 dues for the Blue Ridge Amateur Radio Club are \$20 and are now due. Either send a check payable to BRARC or bring a check or cash to the next meeting. Thanks!

Steve Smith, KC5F, BRARC Treasurer  
607 E Blue Ridge Rd  
East Flat Rock NC 28726-2205

### **FORMAL PRESENTATION**

The formal presentation was given by *Michelle (N1BSS)*. Michelle gave a presentation on Balloon Launches using Ham radios to track the path of the weather balloon. It was a very interesting presentation.

### **Raffle Tickets**

Howard (W4PH) Had several tickets for the 3 radios being raffled.

### **NC QSO Party**

Danny reported that our club made 374 contacts. He has submitted the logs and will update us next meeting.

### **Club Shirts**

Duke (W4DK) was selling BRARC shirts. There are two types. They range in price from \$35 to \$48. If interested, contact either Duke ([w4dk@arrl.net](mailto:w4dk@arrl.net), 828-891-4359) or Dick Smith (W4RSS) [[w4rss@att.net](mailto:w4rss@att.net), 828-687-9531].

### **50/50 DRAWING**

Bruce Southerton (KK4VTT) won the 50/50 drawing!

### **Business**

The *Feburary* minutes were approved by the membership.

The meeting adjourned at 8:21 PM.

Minutes respectfully submitted by Doug Davis (KJ4WWN).

## Announcements

### Local 220 Nets Loose a Moderator

There are several 220 Nets in the local area. Bob (W4HUE) has recently had to stop moderating all 220 Nets to take care of his wife who is recuperating from hip surgery. His absence has opened several positions. If you have 220 equipment and would like to pitch-in and share responsibilities for one (or more) of these Nets, we welcome your services. The 220 Nets that need moderators are as follows:

- Mount Mitchell (224.540 MHZ) alternating every-other Monday at 8:00 PM
- Mount Pisgah (224.260 MHZ) alternating every-third Sunday at 9:00 PM
- Mount Pisgah (224.260 MHZ) alternating every-third Thursday at 8:00 PM

### In Addition...

Bob (W4HUE) also moderated the *Good Morning Net* alternating with 2 other moderators alternating Monday, Wednesday, and Friday at 9:00 AM on the 146.760 MHZ repeater. So if you don't have 220 equipment and would like to help, we can use your services on 2 meters, as well.

Please contact Doug Davis (KJ4WWN) at [themtns@yahoo.com](mailto:themtns@yahoo.com), 828-685-1291.

### Henderson County ARES Nets & Meetings

All amateur radio operators are welcome.

**NETS:** The Henderson County ARES/RACES Administrative and Training Net meets on the air every Wednesday night at 9:00 PM using the local 146.640/T 91.5 MHZ FM repeater located on Bearwallow Mountain in Northeast Henderson County.

**MEETINGS :** Held at 7:00PM, on the fourth Monday of each month in Classroom 101, *Parks & Recreation*, 708 S Grove St, Hendersonville.  
Next meeting Monday, March 28, 2016.

**WEB PAGE:** More info at <http://nc4hc.us/wp/>

**Questions?** Contact John Quinn, (N9JZX) ARES Coordinator, [johnqiv@att.net](mailto:johnqiv@att.net) [n9jzx@att.net](mailto:n9jzx@att.net).

## Shrinking the 75 Meter Phone Band

The ARRL (*Amateur Radio Relay League*) has filed a petition with the FCC (*Federal Communications Commission*) to reduce bandwidth from 3600 KHZ to 3650 KHZ to make room for more RTTY (Radioteletype) communications. Their petition also calls for moving the automatically-controlled sub-band from 3600 to 3615 KHZ.

## 220 MHZ Band Plan

Those of us who support the 220 band know that its propagation is similar to that of 2 meters. It includes Sporadic-E, meteor scatter, troposcatter, aurora, and EME. Here is a listing of the 220 band for those interested in experimenting:

Item	Frequency in MHZ
Weak Signal modes	222.0 to 222.150
EME (Earth-Moon-Earth)	222.0 to 222.025
Propagation Beacons	222.05 to 222.06
SSB (Single Side Band) & CW (Continuous Wave) Calling Frequency	222.100
Weak Signal SSB & CW	222.10 to 222.15
Weak Signal, ACSB (Amplitude Compandored Sideband modulation), Repeater inputs	222.15 to 222.25
FM (Frequency Modulated) Repeater Inputs	222.25 to 223.38
FM Simplex	223.40 to 223.52
Digital & Packet	223.52 to 223.64
Links, Control	223.64 to 223.70
FM Simplex, Packet, Repeater Outputs	223.71 to 223.85
Repeater Outputs Only	223.85 to 224.98

## Calendar of Events

Here are some notable dates upcoming:

Date	Description
<b>Tuesday, 1, 2016</b>	<b>BRARC Meeting.</b> Held at <i>Jackson Park</i> . Time 7:00 PM. In the case of inclement weather on a meeting night, when <i>Blue Ridge College</i> is closed, we do not have a meeting. Please try to attend.

**Monday, March 28,  
2016**

Henderson County **ARES/RACES** meeting,

## **For Sale**

The following item is for sale this month:

**MT3 FB Mobile Antenna Tilt Mount (2 x 2 hitch) by Tarheel.** Asking \$135.00.



Contact Bob Felt (W4RYF) at [robertfelt@bellsouth.net](mailto:robertfelt@bellsouth.net).

## Popular Ham Radio Nets

Name	Frequency/Tone	Day/Days AM/PM (EST)
BRARC Net (W4YK)	146.640 MHz/ T 91.5	Sunday 8:00 PM
Henderson County ARES Net	146.640 MHz / T 91.5	Wednesday 9:00 PM
Oasis Shrine Net	145.190 MHz	Sunday 9:00 PM
Blue Ridge Traffic (SC)	146.610 MHz	Daily 9:00 PM
6600 Net	145.190 MHz	Saturday 9:00 PM
Good Morning Net	146.760 MHz	M-W-F 9:00 AM
WCARS Information Net	146.910 MHz/ T 91.5	Monday 9:00 PM
Buncombe ARES Net	146.910 MHz/ T 91.5	Wednesday 9:00 PM
Transylvania ARC Net	147.135 MHz	Thursday 8:00 PM
WCARS Simplex Net	147.525 MHz	Tuesday 8:30 PM
Anderson Radio Club Net	146.790 MHz	Daily 8:30 PM
Mount Pisgah 220 Net	224.260 MHz	Sunday 9:00 PM
Mount Mitchell 220 Net	224.540 MHz	Monday 8:00 PM
Mount Pisgah 220 Thursday Net	224.260 MHz	Thursday 8:00 PM
Mount Spivey 220 Net	224.600/ T 98.4	Wednesday 8:00 PM
Hit and Bounce Net (CW)	7.042 MHz	Daily 8:30 AM
K4UUQ Morning Net	7.225.5 MHz (SSB)	Mon-Sat 7:00 AM
Carolinas Slow Net	3.571 MHz (CW 5-8 wpm)	Daily 8:00 PM
Carolinas Net (Early)	3.573 MHz (CW 20-22 wpm)	Daily 7:00 PM
Carolinas Net (Late)	3.573 MHz (CW 15-18 wpm)	Daily 10:00 PM
QCWA Chapter 76	3.636 MHz (SSB)	Saturday 8:45 AM
NC Evening Net	3.923 MHz (SSB)	Daily 6:30 PM
Tarheel ARES Net	3.923 MHz (SSB)	Daily 7:30 PM
NC Morning Net	3.927 MHz (SSB)	Daily 7:45 AM
SATURN Net	14.265 MHz	Daily 10:00 AM
6 Meter Rag Chew	53.130 MHz/ T 100	Friday 9:00 PM
Get Up and Go Net	28.350/28.360 MHz	Sunday 9:00 PM
SIMPLEX NET	146.640 then 146.580 Simplex	Thursday 9:00 PM

## Club Information

### ***Blue Ridge Amateur Radio Club (BRARC)***

Radio operators come from all walks of life. Some are students, teachers, pilots, technicians, police officers, doctors, executives, retired military, engineers, you name it.

The *Blue Ridge Amateur Radio Club (BRARC)* is all of these things. Another key benefit it that they give-back in many ways back to their community. Amateur radio operators at BRARC donate

time and equipment to participate with the *Department of Emergency Management*, the *Red Cross*, and *FEMA*. Radio operators practice using their equipment without power from the grid. So during REAL emergencies they can supply the necessary communication to first responders so they can provide help to those who need it. *Hurricane Sandy* was a perfect example. Ham radio operators helped FEMA direct needed supplies and medical attention.

BRARC also provides volunteer community support in a variety of community activities including, parades including the 4th of July, and Christmas parades, walk-a-thons, bike-a-thons, and the Fletcher Flier.

The *Blue Ridge Amateur Radio Club* also provides daily and weekly forums via what they call "Nets." You don't need a ham license to listen to a net - just a radio. These forums include informal sessions or "rag chews" that discuss local events or just about any topic.

## Blue Ridge Echo Submissions

If you have timely information that you would like to publish in the *Echo*, all submissions must be received by the first 6-7 days of each month in order to meet publication deadlines. Please send your copy to Doug (KJ4WWN) at [themtns@yahoo.com](mailto:themtns@yahoo.com).

## Blue Ridge Amateur Radio Club Officers

Title	Name	Call Sign	Phone	Email
President	Stan Frady	N1BBS	910-366-2133	<a href="mailto:skfrady@gmail.com">skfrady@gmail.com</a>
Vice President	James Reed	KK4JFO	828-698-3609	<a href="mailto:jshreed@bellsouth.net">jshreed@bellsouth.net</a>
Treas./Member.	Steve Smith	KC5F	489-6637	<a href="mailto:kc5f@arrl.net">kc5f@arrl.net</a>
Secretary	Doug Davis	KJ4WWN	828-685-1291	<a href="mailto:themtns@yahoo.com">themtns@yahoo.com</a>
Member @ Large	David Day	N1DAY	203-450-0053	<a href="mailto:davidlday@yahoo.com">davidlday@yahoo.com</a>
Member @ Large	Michael Parente	AI4GR	828-891-8970	<a href="mailto:parentemk@bellsouth.net">parentemk@bellsouth.net</a>
Public Info/test.	Dick Smith	W4RSS	828-687-9531	<a href="mailto:w4rss@att.net">w4rss@att.net</a>