



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



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

The PREZ Says

Wow! Has this year flown by? It has been a busy one. We have had many different subjects discussed in our meetings from satellites to slow scan TV to DX expeditions. For *Field Day* we had fair success at a new location. Carl and Nick did a great job of taking us through some kit building. The guys have done a great job of helping Martin on Bearwallow Mountain getting the site ship shape and ready for winter. Thank you to all for your participation and attendance.

On a sad note we did lose Ernie. He really was instrumental in taking our club into the digital age. One of Ernie's dreams is about to come to fruition with David Day's help. We are very close to setting up the first satellite weather station at any high school in North Carolina. That is really going to help the students at *East Henderson High* in so many ways. Thank you Ernie!

Don't forget that our upcoming meeting takes place on Tuesday, December 3rd at Twin Dragons in Brevard at 6:00. Bring your family out for a Christmas dinner. I really look forward to this coming year as Charles Webb takes the helm. I know he will do a wonderful job and take us up a few more notches.

See you December 3rd at Twin Dragons.

73's

Danny (NA4X)

Minutes from October, 2019

The meeting opened at 7:00 PM with the Pledge of Allegiance led by BRARC President Danny Rector (NA4X).

In Attendance

There were 13 people who signed the attendance sheet. There were two guests: John Quinn (N9ZZX), George Knudsen (W4GCK) our guest speaker.



Blue Ridge Amateur Radio Club

Club Business

A motion was passed and seconded to accept the minutes of last October's meeting. Another motion and second was accepted to approve the current Treasurer's Report.

Current BRARC Treasurer's Report

BRARC Treasurer's Report
October 1 - October 30, 2019

Balance as of 09/30/19	\$3,505.40
Plus: Dep: 1x 2020 dues plus \$30 donation	\$50.00
Total Income	\$50.00
Sub-Total	\$3,555.40
Less: Exp: (none)	\$0.00
Total Expense	\$0.00
BALANCE AS OF 10/31/19	\$3,555.40

Announcements

Christmas Dinner

The annual Christmas Dinner will be at the *Twin Dragons* in Brevard. Time: 6:00 PM.

IMPORTANT: This replaces the December meeting at Jackson Park. Please remember this so you won't miss the party.

Officer Elections

The club officially voted for next year's officers. The new officers is as follows:

- President:* Charles Webb (KN4KWA)
- Vice President:* James Reed (KK4JFO)
- Treasurer:* Steve Smith (KC5F)
- Secretary:* Doug Davis (KJ4WWN)

Vector Network Analyzer/Smith Chart Class CLASS

An new course covering a *Vector Network Analyzer (VNA)* will be offered at the *Blue Ridge Amateur Radio Club* shack located in Jackson Park, Hendersonville, NC Thursday, November 21, 2019, from 6:30 PM to 9:00 PM. The VNA will be used for instruction. Bring your own - if you have one. This course covers the transition from a conventional antenna analyzer to the added capabilities of the VNA. The use of the Smith Chart will also be covered. Everyone is welcome - no charge. Course is taught by Carl Stover (KW4EO). Questions?? <mailto:Carl.Stover@gmail.com> or 404-872-3969.



Blue Ridge Amateur Radio Club

Shack Updates

The shack has a new vertical Titan gap antenna that covers several frequencies (80 to 10 meters) that will be helpful for contesting.

Satellite Weather Station

David Day (N1Day) informed us that the Satellite Weather Station is ready for installation at Hendersonville East High School. This will be the first high school in the state to have this capabilities. It will be showcased on TV by Jason Boyer (WLOS meteorologist). TBA the date of this broadcast.

PRESENTATION

The presentation was on the launch of *Apollo Moon Landing* presented by George Knudsen (WA4GCK). The artifacts and video he showed us were outstanding!

50/50 Drawing

There was no drawing.

Meeting Ended

The meeting adjourned at 8:15 PM.

Minutes submitted respectfully by Doug Davis (KJ4WWN).

Calendar of Events

Here are some notable dates:

Date	Description
December 3, 2019	BRARC Meeting; Twin Dragons at 6:00 PM
November 21, 2019	VECTOR NETWORK ANALYZER / SMITH CHART CLASS (see details within this issue).
December 7, 2019	Christmas Parade: Danny still needs volunteers!

For Sale

Carl's stuff for sale:

IC-735, ok condition reduced to \$100

IC-735, excellent condition reduced to \$200

Ten-Tec Pegasus with software etc.. reduced to \$300

Carl Stover (404) 872-3969.



Popular Ham Radio Nets

FM Nets

BRARC Net (W4YK)	146.640 MHz/T91.5	Sunday 8:00 PM
Henderson County ARES Net	146.640 MHz / T91.5	Wednesday 9:00 PM
Oasis Shrine Net	145.190 MHz	Sunday 9:00 PM
KI4ZEK Net	145.190 MHz	Thursday 8:30 PM
AmRRON CPN Preparedness	145.190 MHz	Wednesday 8:30 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/ T91.5	Monday 9:00 PM
Buncombe ARES Net	146.910 MHz / T91.5	Wednesday 9:00 PM
Transylvania ARC Net	147.135 MHz	Thursday 8:00 PM
Anderson Radio Club Net	146.790 MHz	Daily 8:30 PM
6 Meter Net		
6 Meter Net	53.130 MHz/T 100	Friday 9:00 PM
220 NETS		
Mount Mitchell 220 Net	224.540 MHz	Monday 8:00 PM

CW Nets

Hit and Bounce Net	7.042 MHz (CW)	Daily 8:30 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

HF Nets

K4UUQ Morning Net	7.225.5 MHz (SSB)	Mon-Sat 7:00 AM
QCWA Chapter 76	3.636 MHz (SSB)	Saturday 8:45 AM
The American Preparedness Radio Network (TAPRN)	3.818 MHz or 7.24 MHz	Sundays 9:00 PM
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
Get Up and Go Net	28.350/28.360 MHz	Sunday 9:00 PM
SATURN Net	14.265 MHz (SSB)	Daily 10:00 AM

Simplex Nets

80 Meter Simplex Net	3.843 MHz	Thursday 9:30 PM
WCARS Simplex Net	147.525 MHz	Tuesday 8:30 PM

Digital Mobil Radio Nets

DMR Net	WNC TalkGroup	Thursday 8:30 PM
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Blue Ridge Amateur Radio Club

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 (Federal Emergency Management Agency)*. 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 8 days of each month in order to meet publication deadlines. Please send your ASCII copy to Doug (KJ4WWN) at themtns@yahoo.com.

Blue Ridge Amateur Radio Club Officers

Title	Name	Call Sign	Phone	Email
President	Danny Rector	NA4X	828-698-3231	record@bellsouth.net
Vice President	James Reed	KK4JFO	828-698-3609	jshreed@bellsouth.net
Treas./Member.	Steve Smith	KC5F	828-489-6637	kc5f@arrl.net
Secretary	Doug Davis	KJ4WWN	828-685-1291	themtns@yahoo.com