



ROCKINGHAM COUNTY AMATEUR RADIO CLUB, INC.



President
Tim Walker
WD4GXD

Vice-President
Roger Joyner
W4AYO

Treasurer
Paul Patterson
N4CE

Secretary
Furman Lanier
WD4MKU

The RockingHAMmer News

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PRESIDENT'S CORNER

Greetings;

Plan to join us for the social gathering on December 11th at the Freeway Dining Room, 1447 Freeway Drive, Reidsville at 6 PM. This is a “pay for your own meal” dinner and you may bring family and guests. Our next business meeting is scheduled for January 18, 2022. We sadly acknowledge the passing of our fellow ham Tommy Edwards, KE4WSF.

Congratulations to the 2022 club officers:

President:	Tim Walker, WD4GXD
Vice-President:	Roger Joyner, W4AYO
Treasurer:	Jim Clark, N1YBH
Secretary:	Furman Lanier, WD4MKU

A hardy thanks go out to all that participated in club activities in 2021; club officers, net control operators, field day and social coordinators, VE testing team, technical committee and repeater site lawn maintenance crews, newsletter editor, club program presenters, and all members that have supported our club with your dues, presence, and promotion of amateur radio. Enjoy the holidays, engage in some ham radio activities over-the-air and invite a non-ham to experience some amateur radio fun with you.

Tim Walker
WD4GXD
2021 president

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***The content headings are now hyperlinks to the specific content.
You can click on the title above and you can jump to that section without scrolling.

CLUB NEWS & MEETING MINUTES

Minutes

Minutes for November 16th Meeting of RCARC

Meeting was opened by Roger, W4AYO at 1900 and introductions made with attendance of 14.

The status of the 100 watt amp for 147.345 was updated by Bill, N8KSG was presented. The new cables for the 442.475 repeater were installed by Bill, N8KSG and Tim, WD4GXD.

The program was presented by Tim, WD4GXD on 50 CM antennas, the Patch and Lindenblad Antennas.

The Treasure's report was read by Paul, N4CE and the Minutes for the Oct. 19th meeting was read by Furman, WD4MKU.

The New Echo Link update was given by Roger, W4AYO.

The December Social was announced for December 11th at the Freeway Drive Diner starting at 1800.

Elections were held and the following Officers were announced for 2022.

President---Tim Walker WD4GXD
Vice President—Roger Joyner W4AYO
Treasurer—Jim Clark N1YBH
Secretary--- Furman Lanier WD4MKU

Budget Committee for 2022 – Bill N8KSG

Audit Committee Jim, N1YBH and Tim WD4GXD

Club points for Field Day 2021 were announced as 1,418.

Meeting Closed at 1940.

Club News



HAM BOOTCAMP – GETTING STARTED WITH HAM RADIO

With so many new hams getting licensed and or upgraded, the link below can serve as a great resource to supplement what was learned in preparation for the exam. An electronic Elmer if you will. There are many areas not covered on the exam that contribute to learning and practicing good on-air techniques and courtesy.

<https://www.n1fd.org/ham-bootcamp/>

VE TESTING SESSION NEWS

**** Please note:**

*****ATTENTION FCC, VE CHANGES*****

If you or someone you know is looking to take their ham radio test, the FCC will no longer accept SSN on the 605s. It must be an FRN from now on. You can obtain an FRN without having a call.**

You can email veteam@n4iv.org anytime with any questions about testing.

Note From Jim, N3UZ

This is the latest information that we have:

Schedule of Application Fees of the Commission's Rules

The final rule change was published in the Federal

Register: <https://www.federalregister.gov/documents/2021/03/19/2021-03042/schedule-of-application-fees-of-the-commissions-rules>

Even though the rule has been published in the Federal Register and has an effective date of April 19,

the Amateur Radio fees "will not take effect until the requisite notice has been provided to Congress, and the FCC's information technology systems and internal procedures have been updated" **which will most likely be in the summer.**

Thank you
 Tracy Dye
 W5YI VEC Manager
 800-669-9594
<http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>

Results of the November 20th VE Testing Session

W5YI-VEC Session Manifest of Applicants

EXAMINATION CITY AND STATE: **Reidsville, NC** EXAM DATE: **20 NOV 21** PAGE **1** OF **1** PAGES

NO.	NAME	PHONE NO./CALL SIGN	TECHNICIAN		GENERAL		EXTRA		QUALIFIED FOR		
			ELEMENT 2 PASS FAIL	ELEMENT 3 PASS FAIL	ELEMENT 4 PASS FAIL	UPGRADE YES NO	CLASS				
1	Robert Pike	843 907 0569 KK4KTA					✓		✓		EXTRA
2	Michael Barnhart	336 939 3865 KO4UZN	✓						✓		TECH
3	JAMES SCHAEFER	336 703 8087 KO4UZO	✓		✓				✓		GEN
4	Sam Ringwood	816 267 1308 KO4UZP	✓			✓			✓		TECH
5	Amy Creder	336 480-7192 KO4UZQ	✓			✓			✓		TECH
6	FRY, PA/CRAFT	336 693 6114 KO4UBY				✓			✓		GEN
7	L. Eric Surber	336 732-5309 KO4UZR	✓						✓		TECH
8	Steve Surber THOMAS	336 506 3024 K4SWS 3024					✓			✓	-

****** 2021 Membership Drive ******

It is time for all members to renew their membership for 2021. At only \$25, RCARC membership is a bargain, and your renewal is CRITICAL to maintaining the activities and club repeater. We have been averaging about 35 paid memberships the last couple years, and many active hams just simply forget to renew, and this creates a strain on predicting how our needs will be met. Please bring a check to the

January meeting to renew, or better yet - put your renewal in the mail to the PO box listed at the top of the newsletter today. Thanks!

Thanks to the following Amateurs who have renewed their RCARC membership for 2021. Your continued support is appreciated!

Members as of December, 2021.					
Family memberships * are listed by the primary call sign					
N4JRA	N1YBH	KN4ODM	KO4OTI	WA4RDX	KK1TLS
KK4IFG	KM4UHU	KO4HMB	KI4TFA*	KK4KFG	N3UZ
W4SH	KO4JRX	WD4MKU	KF4LIK	KJ4CIW	N3WKW
W4SIX	KB4WNT	WA3RFE	WB4VVY	N4CE	KJ4WRE
KJ4ANA	KE4WSF	KN4YFA	N4RFX	KO4HLZ	K4SWS
WF4I	K4BYX	KF4KPM	K4RVJ	KI4PRU	KB4SHP
KO4SWH	KO4KWD	W4AYO	W4JLN	N8KSG	KN4BBA
WD4GXD	KN4NBH	WK4O			
Honorary members:					
W4WBP					
WB4JYC					

Please consider **renewing** your membership AND sharing the membership application with non-member local hams. Membership is open to all licensed amateurs. Dues are \$25 annually. To join, fill out the application below or speak with any of our members or officers for more information. Here's the link to the membership application: [**Membership Application**](#)

This newsletter is published monthly by and for the members of the Rockingham County Amateur Radio Club. Computer / internet users should be able to click on the website links that are usually underlined. Please advise me of any change of address or mail preference. Please have all articles to me by the 1st Tuesday of each month.

73, The Editor (n4rfx.1@gmail.com)

EVENTS

Breakfast

HENRY POLLOCK MEMORIAL BREAKFAST and RCARC BREAKFAST will be held on **WEDNESDAY'S at 7:00 am at the Sanitary restaurant**, in Reidsville.

RCARC Meeting

Due to COVID-19 restrictions RCARC meetings normally held the 3rd Tuesday at 7 pm, at the Salvation Army 708 Barnes street in Reidsville. An ALTERNATE location will be announced prior to each meeting, while restrictions exist.

Club Socials

Once each quarter a social event will replace our monthly meeting, normally held on that 3rd Tuesday. The months of MARCH, SEPTEMBER, and DECEMBER, the SECOND Saturday from 6:00 to 7:30 pm (Location to be announced) prior to the social.

For the month of JUNE, that social will be held in conjunction with Field-Day.

UPCOMING HAMFESTS

It looks like we are getting back to in person Hamfests again. Time to go out and look for a bargain and just have a good time.

11/21/2021 - JARSFEST

Location: Benson, NC

Sponsor: Johnston Amateur Radio Society

Website: <https://www.jars.net/jarsfest-2021/>

Cabarrus Arena & Event Center - Gold Hall

03/11/2022 - 03/12/2022

Charlotte Hamfest

Location: Concord, NC

Type: ARRL Hamfest

Sponsor: Mecklenburg Amateur Radio Society

Website: <http://www.charlottehamfest.org>



Skywarn Weather Spotters (and all amateur radio operators) encountering severe weather, are encouraged to monitor and make reports. The Skywarn website is: skywarn.org.

Blacksburg SKYWARN conducts a weekly net one Wednesday evenings at 9pm on 146.745 as well as numerous other linked repeaters in SW VA, Northern NC and SE WV. The net is available on Echolink via KF4YLM-R. All stations, regardless of prior SKYWARN training or experience, are welcome. The net provides SKYWARN spotters with information on training events, spotting tools, and severe weather potentials in the Blacksburg County Warning Area.

The full list of FM repeaters on which this net runs is:

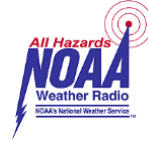
146.745 T107.2 K1GG/R Roanoke/Poor Mtn

147.225 T100.0 KF4YLM/R Lewisburg, WV

145.130 T103.5 N4VL/R Galax/Mt. Airy

145.410 T103.5 N4VL/R Roanoke/Poor Mtn

444.600 T103.5 N4VL/R Pulaski
 147.420 T103.5 N4VL/L (simplex) Big Walker Mtn / Wythe Co.



NOAA WEATHER RADIO BANDS
CHANNELS - FREQUENCIES - S.A.M.E. Codes

162.400 MHz WXL42 WINSTON-SALEM NWS PIEDMONT AREA
 Rockingham County, N.C. SAME code: 037157

162.475 MHz WXL60 BLACKSBURG NWS ROCKINGHAM COUNTY
 Rockingham County, N.C. SAME code: 037157

All stations listed for travel (in MHz):

162.400	162.425	162.450	162.475	162.500	162.525	162.550
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A nation-wide network of radio stations broadcast continuous weather information from nearby National Weather Service (NWS) offices. You can get weather 24 hours a day. NOAA weather radios are the best way to receive warnings from the NWS. It is best to have a battery back-up and Specific Area Message Encoder (SAME) that will alert you when a watch or warning is issued for Rockingham County, N.C. (037157). Complete information is at NOAA's website: nws.noaa.gov/nwr . For current weather forecasts on the internet, go to NOAA's National Weather Service website: weather.gov . Weather forecast on a mobile device: mobile.weather.gov or cell.weather.gov

RCARC CLUB NETS

Monday 8:00 PM RCARC System Fusion Ragchew, 147.345 MHz, C4FM mode
 This is a weekly informal net conducted in Yaesu C4FM digital mode to promote its use.
Please put your radio in fixed C4FM "VW" Mode.

Monday 8:30PM RCARC 2-meter FM net 147.345 MHz 103.5
 This club net is a weekly meeting for announcements, business, and comments. Check-ins will be taken in analog (FM) mode. Please make it a priority to check into our net.

Thursday 8:00 PM RCARC System Fusion Ragchew, 147.345 MHz, C4FM mode
 This is a weekly informal net conducted in Yaesu C4FM digital mode to promote its use. Please put your radio in fixed C4FM "VW" Mode.

AREA NETS

- Sunday 8:00pm Sherrills Ford, NC 50.150, no tone
- Sunday 8:30pm Southern Alamance Net 146.670, no tone
- Sunday 9:00pm Greensboro News & Info Net 145.150, 100 Hz

- Sunday 9:00pm Southeastern D-Star Weather Net REF002A
- Sunday 9:30pm Central NC Traffic Net 146.820, no tone
- Monday 8:00pm Randolph County Net 147.255, 82.5 Hz
- Monday 9:00pm Lynchburg, VA 50.400, no tone
- Tuesday 8:00pm Sandlappers, Lexington, SC 50.250, no tone
- Tuesday 8:00pm Burlington ARES Net 146.670, no tone
- Tuesday 8:30pm Triad Skywarn Net 147.255, 82.5 Hz
- Tuesday 9:00pm N.C. D-Star Net (W4GSO) REF054C or
442.86250
- Wednesday 8:00pm Roanoke Amateur Club Net 146.985,107.5Hz
- Wednesday 8:30pm Forsyth County ARES Net 145.470, 100 Hz
- Wednesday 8:45pm Greensboro Amateur Society Net 145.250, 88.5 Hz
- Thursday 8:00pm Pink Hill, NC 50.200, no tone
- Thursday 9:00pm Guilford County ARES Net 145.150, 100 Hz
- Saturday 8:00am Wake Forest, NC 50.200, no tone

Daily Nets

- 5:30am Possum Trot Net 147.225, 82.5 Hz
- 8:00am Richmond 6 Meter Net 50.215, no tone
- 2:30pm Vag-A-Bon Net 145.470, 100 Hz
- 7:30pm Tarheel Emergency Net (ARES) 3.923 LSB
- 7:30pm Piedmont Triad Traffic Net 145.250, 88.5 Hz

OTHER AMATEUR RADIO NEWS THAT MAY BE OF INTEREST

ROSEWORCEL BECOMES FCC'S FIRST WOMAN LEADER

PAUL/ANCHOR: Our top story is a historic move by US lawmakers, who have confirmed the first woman to lead the Federal Communications Commission. Jim Damron N8TMW brings us the details.

JIM: The United States Federal Communications Commission gained its first woman at the helm on Tuesday, December 7th, as lawmakers overwhelmingly confirmed her nomination. Jessica Rosenworcel begins her five-year term, following a vote of 68-31 in the United States Senate. She had been serving as the panel's acting chair since January.

The new FCC chief immediately went on Twitter, saying it was [quote] the honor of my lifetime to lead the FCC and serve as the first permanent female Chair. Thank you to the President and Senate for entrusting me with this responsibility." [endquote] The lawmakers confirmed her just weeks before her temporary term was about to expire.

For Amateur Radio Newslines I'm Jim Damron N8TMW.

(THE HILL, CNBC)

SILENT KEY: BILL SOMERVILLE G4WJS, PART OF WSJT-X TEAM

PAUL/ANCHOR: A key developer in the popular, free WSJT-X digital software has become a Silent Key. With that story is Jeremy Boot G4NJH.

JEREMY: The passing of Bill Somerville G4WJS was announced in the groups.io mailing list for WSJTX on December 4th by Bill's longtime friend and colleague Joe Taylor K1JT. Joe, Bill and Steve Franke K9AN formed the core development group creating the weak-signal, open-source software, beginning their partnership in 2013. Joe wrote in his groups.io posting: [quote] "Our free, open-source software could not have achieved its extensive worldwide popularity and influence in ham radio without Bill's essential contributions. In addition to writing code for important portions of the Qt-based user interface for WSJT-X, Bill helped to bring the overall program structure more nearly up to professional standards." [endquote]

In 2020, the team of three was presented with Hamvention's Technical Achievement Award for their work. According to a biography included in a paper on the Princeton University website, Bill had been an active amateur radio operator since 1981. He had a degree in chemistry from the University of Bristol and enjoyed a long career in computer software and hardware.

Joe noted in his remarks that he had only met Bill in person a few times but that they communicated regularly. He added [quote] "I have only started to think about the many ways in which I will miss Bill." [endquote] He described Bill's passing as unexpected but there were no additional details available.

For Amateur Radio Newslines I'm Jeremy Boot G4NJH.

POTA PLANNING TWO WINTER EVENTS

PAUL/ANCHOR: Parks chasers and activators are looking forward to two winter events. With that report is Vance Martin N3VEM.

VANCE: In Parks on the Air News: As the seasons start to change, we at POTA would like to remind you of two upcoming winter events. The first is the **Annual "New Beginnings / New Year's" certificate**. To Earn one of these certificates, simply make at least one contact as a POTA Activator or Hunter, in the first week of 2022. We can't think of a better way to ring in the New Year, than by doing so with Parks on the air. Also landing in January is our next **"Seasonal Support Your Parks Event."** The first seasonal event of 2022 is on January 15th and 16th, which gives you a great opportunity to do some wintertime POTA. For those of you in the north, just remember to dress warm, fire up your portable heaters if you're lucky enough to have them, and stay safe! Lastly, be sure to tune in to your favorite ham radio media outlets in early January, as next month's POTA update will include not only the December release, but the year-end summary for 2021 as well. We look forward to having you join us as we celebrate a spectacular year of Parks on the Air.

This is November 3 Victor Echo Mike with your Month Ending November 2021 Parks on the air Update. Be sure to visit parksontheair.com for information about the program, and pota.app for spotting, park information, leader boards, and more.

(POTA)