



*Rockingham County
Amateur Radio Club, Inc.*



N4IV

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Bill Schwiegeraht
N8KSG

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W4AYO

Treasurer
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W4SH

The RockingHAMmer News

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President's Corner

It's that time again when I take a moment to write my monthly message, and as usual, I start by saying hello to each and every one of you in the RCARC. Without all of us collectively, we'd just be a bunch of hams living in the same vicinity, sharing nothing concerning this common bond we all have in the great activity of amateur radio. As a group, we socialize, learn, and share the things we do that might be of interest to others, in the spirit of cooperation and helpfulness. It is my pleasure to be a part of this organization.

This time around, I'd like to take a moment to one in our group who is really going the extra mile. Jim, KN4NBH, has been quietly mowing the repeater site for our club as he lives close by, and when I stopped by this past Saturday, I was happy to find the drive passable! Thanks to Jim for what you are doing to help the club!

In June we had our second social gathering for 2019 at Ruby Tuesday in Eden. If memory serves me right, I believe we had 21 persons in attendance. We had some good conversation and enjoyed a nice meal together among friends. Ruby's continues to do a good job of taking care of such a large group with excellent service and accuracy.

The 2019 Field Day has come and gone, and I am interested to know about any participation our members had. If you did work Field Day, please drop me a note about your activity – solo or group, entry class, field/home, etc. Nothing fancy is needed, but a few lines to keep others informed, and perhaps it will generate new ideas for next year.

Before you know it, September will be here and it will be time to start considering officers candidates for next year. I am completing my 5th year as President, and others have been in their jobs for some time. We really need "new blood" to help keep the club moving ahead, so we are looking for someone to serve as a nominations lead (possibly with the help of a committee), or you can nominate yourself for

any “elected” leadership position we have. I say elected, but we haven’t had a real election in the time I have served. Consider how you can contribute to the leadership of our club – it really isn’t difficult, and it is not a major time commitment!

Lastly, remember that we have an upcoming club meeting on July 16th, so please mark your calendar accordingly. The location will be the Salvation Army Community Center at 708 Barnes Street, Reidsville as usual. I look forward to seeing you there!

73, Bill, N8KSG

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You can click on the title above and you can jump to that section without scrolling.

CLUB NEWS & MEETING MINUTES

Meeting Minutes

Social Meeting in June

Please Note

Berry Miley’s (formerly WB4III) new callsign is K3ELF

****** 2019 Membership Drive ******

It is time for all members to renew their membership for 2019. 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 2019. Your continued support is appreciated!

Received as of May 9, 2019. Family memberships * are listed by the primary call sign

N4JRA	KK4IFG	W4SH	N4ZZC*
W4SIX	WA4LTY	KJ4ANA	WF4I
KF4AX	N1YBH	N2ECS	KE4WSF
KN4ODM*	W4AYO	WD4MKU	KN4PUN
WA3RFE*	K2CPR	KF4LIK*	KF4KPM*
WB4VVY	K4RVJ	WA4RDX	N4CE
KG4CRJ	KI4PRU	N8KSG	KJ4WRE
W3EBM*	WD4GXD	KN4NBH	KX4IQ
AF4TZ	N4SOI	KJ4FWT	N4RFX

Honorary Members: W4WBP WB4JYC

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

Breakfasts

- Henry Pollock Memorial Breakfast - Tuesday – 7:00 am, The Farmer's Table, Reidsville
- Thursday – 7:00 am, Sanitary Cafe, Reidsville.

RCARC Meeting

The RCARC usually meets on the 3rd Tuesday night of the month. The January 15th, 2019 meeting will be 7 p.m. at the Salvation Army facility at 708 Barnes Street in Reidsville, NC.

Club Socials

RCARC holds a social once per quarter. For 2019 we will gather at Ruby Tuesday in Eden at 6:00 p.m., enjoying dinner together after a few brief announcements. Planned dates for 2019 are March 9, June 8, Sept. 14, December 14, all being Saturdays. Please remember that there is no regular 3rd Tuesday club meeting during the month.

Upcoming Hamfests

07/20/2019 | Mid-Summer SWAPFEST

Location: Cary, NC

Type: ARRL Hamfest

Sponsor: Cary Amateur Radio Club

Website: <http://www.qsl.net/n4nc>

07/27/2019 | WCARS Hamfest 2019

Location: Waynesville, NC

Type: ARRL Hamfest

Sponsor: Western Carolina Amateur Radio Society

Website: <http://www.wcars.org/wcarshamfest.htm>

AUGUST

08/10/2019 | 21st Annual Cape Fear Amateur Radio Society Swapfest

****SEE THE ATTACHED FLYER AT THE END OF THE NEWSLETTER****

Location: Fayetteville, NC

Type: ARRL Hamfest

Sponsor: Cape Fear Amateur Radio Society

Website: <http://cfarsnc.org>

08/30/2019 | Shelby Hamfest

Location: Shelby, NC

Type: ARRL Hamfest

Sponsor: Shelby Amateur Radio Club

Website: <http://shelbyhamfest.org>

OCTOBER

10/12/2019 | W4NC Fall-Fest

Location: Winston-Salem, NC

Type: ARRL Hamfest

Sponsor: Forsyth Amateur Radio Club

Website: <http://W4NC.com>



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

No Strong Opposition to 144 – 146 MHz Reallocation Proposal at CEPT Meeting

06/25/2019

A World Radiocommunication Conference 2023 (WRC-23) agenda item proposing to study a range of frequencies, including potentially reassigning 144 – 146 MHz as a primary Aeronautical Mobile Service allocation, drew little opposition at a meeting of the European Conference of Postal and Telecommunications Administrations (CEPT) Project Team A. The team is responsible for some aspects of CEPT WRC positions, and the meeting was held June 17 – 21 in Prague, Czech Republic. Introduced by France, the proposal targeting 144 – 146 MHz would be part of a broader consideration of spectrum allocated to the Aeronautical Mobile Service. Another issue addressed during the meeting concerned the sharing of the Amateur Radio 1240 – 1300 MHz band with Europe’s Galileo GPS system.

“We hear only one admin[istration] (Germany) opposed the 144 MHz proposal — no one else,” the UK Microwave Group tweeted following the meeting. Otherwise, it has been carried forward to the higher-level CEPT Conference Preparatory Group (CPG) meeting in August.

The International Amateur Radio Union (IARU), which was represented at the Prague meeting, expressed “grave concern” to any proposal that would include 144 – 146 MHz in the proposed Aeronautical Mobile Services agenda item. That comprises the entire available 2-meter band in ITU Region 1. IARU has pledged to make every effort to fully protect Amateur Radio interests and seek the support of regulators for their view.

IARU Region 1 President Don Beattie, G3BJ, said prior to the meeting that the IARU would “energetically” promote its opposition in Regional Telecommunications Organizations (RTOs) and the International Telecommunication Union (ITU) “to obtain assurances that the spectrum will remain a primary allocation for the amateur services.”

The 144 – 146 MHz band is allocated globally to the Amateur and Amateur Satellite services on a primary basis, and is the only globally harmonized Amateur Radio VHF band. A widely used segment of the Amateur Radio spectrum, 2 meters supports a broad base of terrestrial users, repeater systems, and satellite stations, including the International Space Station.

According to the meeting minutes, the proposal provides no justification for targeting 144 – 146 MHz, and the IARU believes that sharing with airborne systems likely would be difficult and lead to constraints on the development of the Amateur and Amateur Satellite services there. IARU suggested that alternative proposals might be developed that could provide further spectrum for the aeronautical applications without impacting this Amateur Service spectrum.

IARU is expected to brief member-societies, requesting that they discuss the French proposal with their governments in advance of the August CEPT-CPG meeting. France could seek to introduce the same proposal to study 144 – 146 MHz for aeronautical use into other RTOs.

Meanwhile, further discussion on the 23-centimeter band study proposal is anticipated prior to the Conference Preparatory Group meeting in August. The proposal was raised in the wake of reports of interference to the Galileo navigation system, but IARU has said it’s aware of only “a handful of cases”

of reported interference to the Galileo E6 signal on 1278.750 MHz. Work on this issue will continue in other specialized CEPT forums in the interim.

THE GOOD OLD HAM DAYS

Before we had a club in the county, the Reidsville hams would gather at Gunn brothers garage near the post office. Tommy K4BYX, and his brother Willie K4BYW along with 2 other brothers ran a major car garage, if a ham was in town, he would usually stop by and tell what he was doing, or inquire what DX others had made contact with. They would meet at the Farmers table on Tuesdays for breakfast and Fridays for lunch. About the mid-70's, 4 local hams installed the 146.85 repeater, then our club was formed. The names changed through the years, (RCARC) (ROCK. AMATEUR TWO TWENTY SOCIETY) (ROCK. AMATEUR TO TALK SOCIETY) both known as RATTs, then back to (RCARC) K4RVJ, Jamey

21st Annual Ole Fashioned

CFARS SwapFest

Sponsored by the Cape Fear Amateur Radio Society
Fayetteville, North Carolina

Saturday

August 10, 2019

8:00am to 12:00 noon

Cumberland County Shrine Club 7040 Ramsey St (US Hwy 401 N)

**No Admission!! No Fee for Tables!!!
Please help us keep this event free
by placing a monetary contribution in
the donation box so we can cover the rent
on the building!!!**

Talk-in: K4MN Repeater 146.910 (-) CTCSS 100Hz

VE Test Session Walk-ins Only Registration 9:00am Testing 9:30am

**Information and Table Reservations: David KR4OE kr4oe@nc.rr.com
(910)624-1394**

**ARRL VE Testing: Pat N4UGH n4ughpat@aol.com
(910)425-5994**

**Set-up begins at 6:30am. If you need tables please call or email in
advance.**

On the morning of the Swapfest see David KR4OE for tables.

Table Reservations recommended.

Tail Gating available - - also FREE!!!