

From the NCARC President

Joe Hawley KDØTYU

president@ncarc.net

The holiday season is upon us, in time for family and friends to get together and enjoy. I'm personally looking forward to taking some time off.

NCARC is looking forward to a better year than 2021 for exciting projects. Some of the things that we have in mind so far are: HamFest on January 15th, 2022 and reviving the Rosin Corps projects. We also hope to have various classes throughout the year. We're looking into doing a hamlet class for new General Class licensed individuals. We've wanted to do one for quite a while now, and hopefully with the COVID situation somewhat dying down, we want to start having these classes live. If you have any other ideas for various types of classes, don't hesitate to contact me directly, and I'll see what we can do.

We've had a couple of rough years, but we are hopefully coming out of the worst of this pandemic. I want to thank each of you for standing by NCARC through the COVID crisis.

Finally, from all the staff at NCARC, I'd like to wish you all happy holidays and a great new year. Thanks again for supporting NCARC.

Public Affairs Office

Dave Winnett WØDDZ

pao@ncarc.net

Numbers as of December 14, 2021

YouTube

Views (last 28 days): 2,430

Watch time (hours, last 28 days): 353.5

Subscribers: 2,174

New Subscribers (last 28 days): 22

Facebook

Members: 476

New Members: 1



Club Meeting and Speaker

Next Meeting

Saturday, December 18, 2021

9:00 am socialize, **9:30 am** club meeting, followed by Show and Tell:

LIVE and IN PERSON at
The Golden Corral
1360 Sculptor Dr, Loveland CO 80537

PLUS

Zoom streaming

All members will receive a link to the online broadcast

If you don't receive a link by Friday before the meeting, please email treasurer@ncarc.net

You choose what you feel comfortable doing: attend in person or on line.

Topic:

Wire Antennas

Speaker:

Greg Ella, NØEMP

Get the Goods!

We have a new store – for clothing and a variety of other items! We've always had monogrammed clothing (<http://www.ncarc.net/?q=node/424>) and will be adding additional items such as stickers, t-shirts, patches, water bottles and keychains. Joe will bring what is currently in stock to the club meeting on December 18 if you want to check it out or buy something. And keep an eye out for the new and improved Store coming soon to our website.

Treasurer's Report

Darren Kalmbach KCØZIE

treasurer@ncarc.net

2022 Budget

Category Description	2019 Actual	2020 Actual	2021 Actual	2022 Budget
Donations	\$4,000	\$3,170		\$0
Membership	\$5,606	\$6,241		\$5,000
HamFest Net Proceeds	\$3,262	\$3,535		\$3,200
Other	\$17	\$21		\$0
NCARC Product sales				\$1,000
TOTAL INCOME	\$12,885	\$12,967		\$5,500
Administration				
Association Memberships (CCARC)	\$25	\$25		\$25
Government Fees	\$10	\$10		\$130
Insurance – Liability, Equipment	\$690	\$690		\$800
Office Supplies	\$0	\$0		\$50
Postage: PO Box Rental	\$128	\$106		\$110
Other	\$0	\$150		\$50
Storage Unit	\$1,379	\$1,584		\$1,680
Web Hosting	\$0	\$250		\$0
Sub Total Administration	\$2,232	\$2,815		\$2,845
Club Events				
Field Day	\$0	\$353		\$300
Fall Picnic	\$222	\$0		\$300
Tech Fest	\$0	\$40		\$0
Other				\$300
Subtotal Club Events	\$222	\$393		\$1,000
Education & Recruitment				
	\$803	\$182		\$500
Equipment, Repairs, Technical	\$1,379	\$1,584		\$1,000
NCARC Product Inventory				\$1,000
TOTAL EXPENSES	\$4,636	\$4,974		\$6,345
Projects	\$4,597	\$5,740		

Rosin Corps Reminder

We have a location for the Rosin Corps in Loveland (thank you Bob Schmid for helping find this)! Classes will start in January 2022 (dates and times to be determined). The Rosin Corps is a hands-on learning session where you will learn how to solder, assemble boards and build your project. These classes are open to any NCARC member at no cost, however there may be a small charge for kits or supplies. For more information on how to register, please contact Joe KDØTYU president@ncarc.net. Additional information will be available on the website closer to the start of classes.

In Case You Missed It....



Monday Tech Net

The club holds a technical net on Monday at 6:00 p.m. on the 447.275 (100 Hz tone) This is a great chance for you to ask any question you might have about radios, antenna, or just how to get on with that project. No questions is too simple. Come join us. Echo link folks please join in.

These sessions are streamed live and available afterward on the club's [YouTube channel](#). If you have comments, topic suggestions, or questions for the net, please contact: president@ncarc.net If you don't have a license, and have questions you'd like to hear discussed on the air, please email those to the same address.

Repeater Feedback



Got a comment on our repeaters? Something not working? Any other problem with our system?

Don't just talk about it on the air. Send an email to TechFeedback@ncarc.net. Use this email to report any problems or suggest improvements. It will be read by those that can fix the problem.

Tech Report
James Cizek, KIØKN
techchair@ncarc.net

December 2021

All of our systems rode out the wind! Everything stayed up and continues to work.

Over the holidays, I am focusing on getting the final steps tested to enable phone patch capabilities on some of our repeaters. Stay tuned for updates on this but I hope to have that working by year end.

We are continuing to pursue possible locations at Red Feather to expand our coverage. I was approached by a member at the last club meeting that may have a place that could work. I will be working with them to continue to explore our possibilities.

Working on the remote receivers at Rattlesnake Ranch to improve our VHF sensitivity at Horsetooth and Buckhorn continues to be near the top of the list and we hope to make some progress on those before the site is snowed in heavily for winter.

Have a great holiday and have a Happy New Year!

NCARC *Holiday Party*



We'll hold our end-of-year Holiday Party on
Thursday, December 16th starting at 6 pm at
Bruce's Bar, 123 1st St , Severance, CO.

NCARC's Holiday party is always a great time to spend with your fellow hams over a delicious dinner at the end of the year. Feel free to bring a guest or two! Dinner is your responsibility. We'll have a large group (more than 30 have RSVPed already!) and try to keep any speeches to a minimum.

If you plan on attending, RSVP to [Dave \(W0DDZ\)](mailto:pao@ncarc.net) pao@ncarc.net, or just show up!



Santa On the Air!

Santa was on amateur radio again this year to connect to kids around Colorado! This was sponsored by the Longmont Amateur Radio Club.

<https://www.9news.com/article/news/local/santa-ham-radio-children/73-2f46191c-2e23-4eef-a203-2b12e662fa80>

HamFest! HamFest! HamFest!

January 15, 2022

We've got a great line-up of speakers for the Technical Forums.

Estes Park Room (Zoom)		
Time	Speaker	Topic
9	Bob Heil	Science of Audio
10	Joe Eisenberg	Kit Building for Success
11	TBD	TBD

Timnath Room		
Time	Speaker	Topic
9	Rhodes Clark	Solar Powered Ham Shacks
10	Willem Schrueder/ John Maxwell	SDR Applications to Direction Finding
11	Gene Spinelli	VP6D 2018 DX-pedition to Ducie Island and Pitcairn Island

LaPorte Room		
Time	Speaker	Topic
9	Jim Gunderson	Emergency Communications Basics
10	Jim Andrews	Amateur High-Definition Digital Television
11	Jim Gunderson	EmComm Station Equipment and Setup

HamFest Raffle!

License No. 2022-17020

Buy tickets at HamFest, must be present to win. Drawing at noon.
Seven fabulous prizes available:

10 thru 80 End-Fed Antenna designed by Jim Dixon K4ETE

Yaesu FT-891 HF/6M All Mode Mobile



Yaesu FTM-6000R Dual Band FM Mobile



Kenwood TM-V71A Dual Band FM Mobile



Yaesu FT-4XR Dual Band FM Handheld (2 each to be raffled)



MFJ Versa Tuner II



Check out our HamFest Sponsors:

Fort Collins Dodge Chrysler Ram Jeep
<https://www.fortcollinsjeep.com/>
<https://www.fortcollinsdcr.com/>

RT Systems – “Radio Programming Made Easy”
<https://www.rtsystemsinc.com/>

Poudre Valley REA
<https://pvrea.coop/>

We're very grateful for their Sponsorship!

Upcoming Ham Radio Events

NCARC Holiday Party: Dec 16, 2021, 6 pm, Bruce's Bar, Severance, CO

NCARC HamFest: Jan 15, 2022, 8 am to 1 pm, Larimer County Fairgrounds, Thomas M McKee
4H Building, Loveland, CO

Rosin Corps: to be announced

Hamlet Class for new General class: to be announced

From the Editor

Ann Donoghue KØARD
newsletter@ncarc.net

When I offered to proofread the Newsletter that Joe had been putting together, I didn't think it would result in being made the Editor! Be careful when you volunteer! I've enjoyed putting this together, and greatly appreciate the help of Bill Beach.

We really do want your articles, your ideas for articles, and thoughts on how the *Tribander* can serve your needs. We welcome any articles of any length. We also welcome pictures of events, you, your shack, etc.

I hope for the best in 2022 and look forward to the next year of ham radio activities.