

## From the NCARC President

Joe Hawley KDØTYU  
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We've got some exciting things coming up this summer with NCARC. We recently had our third Rosin Corps session, which was fun for all who attended. We were privileged to have Radio Dan instruct the class. He was the creator of this kit, the Ultimate Pico Keyer, an excellent project that got everybody interested in doing a little CW on the side. I think CW is the cornerstone of any amateur radio operator; however, as I'm finding out, it's challenging to learn, but we will all conquer it someday, I'm sure.

Sometime in July, we will have our first HF hamlet session. We're planning on starting with a small lecture to show you the differences between UHF and VHF and HF, which are not complicated but are different. HF is the coolest thing out there, and we should have some stations on line so you can talk to people worldwide.

Let's not forget our Summer Field Day coming up on June 25th and 26th. Greg has worked hard on this event, and as usual, when he does something, he does it right. I think it will be great; I hope you can just come and join the festivities. NCARC usually makes this more of a social event than it is a con testing type situation, so you're more than welcome as a beginner with just a tech license or someone who wants to get out there and make some contacts. I hope to see you there, and thanks for supporting NCARC.

## Public Affairs Office

Dave Winnett WØDDZ  
[pao@ncarc.net](mailto:pao@ncarc.net)

Numbers as of June 14, 2022

### YouTube

Views (last 28 days): 1,368  
Watch time (hours, last 28 days): 176.7  
Subscribers: 2,296  
New Subscribers (last 28 days): 18

### Facebook

Members: 508  
New Members: 2



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## Club Meeting and Speaker

Next Meeting

Saturday, June 18, 2022

**9:00 am** socialize, **9:30 am** club meeting

**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](mailto:treasurer@ncarc.net)

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

**Topic:**

**Winlink, VARA, FM/HF**

**Speaker:**

**Mike Ring**

# Treasurer's Report

Darren Kalmbach KCØZIE

[treasurer@ncarc.net](mailto:treasurer@ncarc.net)

## May 2022

| Account           | Checking | Raffle  | Savings | PayPal    | Total     |
|-------------------|----------|---------|---------|-----------|-----------|
| Beginning Balance | \$3,449  | \$2,329 | \$1,109 | \$10,385  | \$17,272  |
| Deposits          | \$370    | \$0     | \$0     | \$414     | \$784     |
| Transfers         | \$0      | \$0     | \$0     | \$0       | \$0       |
| Withdrawals       | \$319    | \$0     | \$0     | \$1,826   | \$2,146   |
| Ending Balance    | \$3,499  | \$2,329 | \$1,109 | \$8,972   | \$15,910  |
| Outstanding Items | \$0      | \$0     | \$0     | \$0       | \$0       |
| Net Balance       | \$3,499  | \$2,329 | \$1,109 | \$8,972   | \$15,910  |
| Net Change        | \$50     | \$0     | \$0     | (\$1,412) | (\$1,362) |

**Expenses:** Storage, VARA, Tables

**Revenue:** Memberships, donations, VARA, Rosin Corps

### Membership Activity:

May 2022: 215 (8 new)

May 2021: 239

## Get the Goods!

The [NCARC Store](#) is now open for business! We have stickers, t-shirts, patches, water bottles and keychains. We still have monogrammed clothing too.

<http://www.ncarc.net/?q=node/424>

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## Rosin Corps Part Three June 11, 2022

A great success. Both morning and afternoon sessions were successful in building an Ultimate Pico Keyer kit, with leadership from Radio Dan. A couple of pictures:



## AARL Field Day

ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June, more than 35,000 radio amateurs gather with their clubs, groups, or simply with friends to operate from remote locations.

This year's NCARC Field Day Event will be at 310 Regina Drive, Fort Collins. The area is on a 3.74 acre residential lot with a vacant house with no commercial power or water available. There will be a Porta-John and a hand washing station on site. For detailed information on this NCARC event please click [HERE](#)

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## Tech Report

**James Cizek, KIØKN**  
[techchair@ncarc.net](mailto:techchair@ncarc.net)

### June 2022

Random bits of info from James (as gleaned from emails!)

#### 447.275 Repeater Degradation, 25 May 2022

In May the repeater was brought back online with the following fixes:

1) Replaced the receiver on the 447.275. Whatever the problem was, it appears it may have been intermittent (it may still be, but hoping not!!) A new receiver was installed and the repeater re-aligned. Hoping this cures it. It was operating perfectly and tested as thoroughly as possible.

2) The backup DC power was re-installed on the 145.115. If AC power fails, we will have backup power available for a time to power both the 447.275 and now the 145.115 also.

3) Repaired a problem with the network router at the Horsetooth South (RMHAM) site. This re-attached the RMHAM DMR repeater back to the network. Since this repeater is used for the first ARES net of the month, I thought I'd mention it here since it was disconnected for a short bit. Everything is back to normal now!

#### 447.750 is Weak, 31 May 2022

The 447.750 signal on Lee Hill has become very weak. The repeater is still drawing the appropriate amount of current so it's looking like there may be an antenna problem there.

To keep from damaging the equipment, the 447.750 has been UNlinked from the Horsetooth 447.275 repeater and turned off until a trip can be made up there to investigate/repair.

Many of us that would normally do this trip are headed to Golden Gate Canyon to support the Dirty30 race and others have some impending personal obligations, so the trip may take a little longer this time around. The 447.275 is working great so if you are able to use it directly, please do, and remember that Echolink is also available on the 447.275 giving you one additional way to access it if you normally use the 447.750.

Thanks for your support and patience, more to come once a trip has been made up there!

## Upcoming Ham Radio Events

**ARRL Field Day:** Jun 25, 26, 2022, Contact Greg Ella, N0EMP

**Never Summer 100k:** Jul 29 to 31, 2022, Contact Wayne, ADOKE

**Blue Sky Marathon:** Oct 15, 2022, Contact Darren, KC0ZIE

**NCARC HamFest:** Jan 21, 2023, Loveland, CO

## Ride to End ALZ

June 12, 2022

This bike ride/race included 20, 45, 60 and 100 mile loops, with 7 Rest Stops and several SAG vehicles. Darren staffed Net Control, and there was a Ham Communicator at each Rest Stop and in each SAG vehicle. A major accident closed off part of the route before the race even started and still, the Hams came through helping with the reroute!

Here are a few pics (provided by Karen Roberts KEØSIW)



## What Radios Are They Using?

**The Police** released their debut album *Outlandos d'Amour* in 1978 and the second track was *So Lonely*. The [music video](#) (pre-MTV) follows the band through the streets and on a subway. And they sing into handheld radios for the entire thing. What kind of radios are these? What's with the earbuds? Your responses/answers will be published in the next *Tri-Bander*.

### Chris Kelly, KØPF provides this information:

My guess is the Wilson MK II 2-Meter FM handi-talkie (pictures below).

The Wilson was an Amateur radio, six crystal controlled channels, 2 meters, (2 watts I think, maybe 4 watts).

One strong hint in the video is the large circular silver connector on top (right in this photo). This one has the BNC antenna jack absent (was behind the left knob).

It was also available with a wraparound leather case, as in the Regency Utili-Com UC-102 commercial variant seen below, right.

Earbuds? Well, the Wilson had Speaker/Mic wiring from the big circular connector, not the normal audio plugs, but the commercial version had two coaxial jacks though neither one was for an earphone! They were for antenna and charger connection. So what's with the earbuds, anyway?? Must have looked cool?



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## More Ham Radio in Popular Culture

TJ Scholand, KØTNP asks if you have seen the movie *Frequency* and provided a link with more info<sup>1</sup>:

*Frequency* is a 2000 American science fiction thriller drama film starring Dennis Quaid and Jim Caviezel.

Directed by Gregory Hoblit and written by Toby Emmerich, it was distributed by New Line Cinema. It co-stars Shawn Doyle, Andre Braugher, Noah Emmerich, and Elizabeth Mitchell. It also features Michael Cera in his feature film debut.

The plot follows John Sullivan, a homicide detective in New York City who accidentally discovers a **cross-time radio frequency on his late father's ham radio**, which allows the two to speak to each other across time.

The film received positive reviews and grossed \$68.1 million worldwide, against a budget of \$31 million.

Any critics of the movie like to provide a review? Send your thoughts to the Editor!

<sup>1</sup> Wikipedia contributors, "Frequency (2000 film)," Wikipedia, The Free Encyclopedia, [https://en.wikipedia.org/w/index.php?title=Frequency\\_\(2000\\_film\)&oldid=1088380028](https://en.wikipedia.org/w/index.php?title=Frequency_(2000_film)&oldid=1088380028) (accessed June 17, 2022).

## FCC Proposes Record \$34,000 Fine for Alleged Interference and Unauthorized Transmissions During Idaho Wildfire

"The Federal Communications Commission (FCC) has proposed a \$34,000 fine against Jason Frawley of Lewiston, Idaho, for allegedly interfering with radio operations of the U.S. Forest Service during firefighting activities for the Johnson Creek Fire near Elk River in July 2021."

Read the full story at: <https://www.arri.org/news/fcc-proposes-record-34-000-fine-for-alleged-interference-and-unauthorized-transmissions-during-idaho>



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## Membership Renewal/Encourage a New Member to Join

Please renew your membership by going [here](#) on our website and either:

- Fill out and complete the on-line PayPal form
- or
- Download, print, fill out and mail in the [registration form](#) along with your check

### From the Editor

*Ann Donoghue KØARD*

[newsletter@ncarc.net](mailto:newsletter@ncarc.net)

I had a great time serving as the Ham Communicator at Rest Stop 1 for the Ride to End ALZ. I'm a lot more comfortable now participating in a net and learned a lot. I had enough fun that I'm sure I'll help in more such events.

Please send your ideas for topics, your articles, your comments and your "Letters to the Editor". We welcome your thoughts, ideas and opinions on anything Ham!