



## From the NCARC President

*Joe Hawley KDØTYU*

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

I sent a note out to all our club members explaining our issues with the venue we were using for our Rosin Corps classes. I want to thank Steve for hosting us for a few of our courses. He is a great guy to work with, but unfortunately, he has no need for that particular building, so I understand why he wants to move out. We've found another location! Greg NØEMP has kindly offered us a location.

We will restart our test sessions again very soon, and we are planning an HF hamlet class this summer. We're looking at an outside venue to hold the HF hamlet classes. The outdoor venue will allow students to understand what it is to be on HF and see the equipment in actual action, and you will have the opportunity to transmit on these transceivers. Looking forward to that one - should be fun.

Well, that's it for now; looks like it's going to be a busy summer. It's almost 70 degrees; I believe that summer is here.

## Public Affairs Office

*Dave Winnett WØDDZ*

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

Numbers as of May 10, 2022

### YouTube

Views (last 28 days): 1,623

Watch time (hours, last 28 days): 234.4

Subscribers: 2,278

New Subscribers (last 28 days): 7

### Facebook

Members: 506

New Members: 6



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## Club Meeting and Speaker

Next Meeting

Saturday, May 21, 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:**

### **All Things Repeater and RM Ham Link**

*What's a "Repeater" you repeated?*

**Speaker:**

**James Cizek, KIØKN**

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## Treasurer's Report

Darren Kalmbach KCØZIE

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

April 2022

Account	Checking	Raffle	Savings	PayPal	Total
Beginning Balance	\$3,466	\$2,329	\$1,109	\$8,374	\$15,278
Deposits	\$125	\$0	\$0	\$2,073	\$2,198
Transfers	\$0	\$0	\$0	\$0	\$0
Withdrawals	\$142	\$0	\$0	\$63	\$205
Ending Balance	\$3,449	\$2,329	\$1,109	\$10,385	\$17,272
Outstanding Items	\$0	\$0	\$0	\$1,534	\$1,534
Net Balance	\$3,449	\$2,329	\$1,109	\$8,851	\$15,738
Net Change	\$17	\$0	\$0	\$2,010	\$1,993

**Expenses:** Storage

**Revenue:** Memberships, donations, VARA

### Membership Activity:

April 2022: 207 (17 new)

April 2021: 231

### 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

Two sessions, 9 to 11 am and 1 to 3 pm will be offered (10 people per session).

You'll be building an Ultra Pico Keyer (advanced morse memory keyer) that will be functional, and you can take home! The cost is \$30 (for the kit). NCARC will provide solder and irons, but you can bring your own.

[Signup here](#)

## 15 Minutes of Fame!

*John Wells KBØNE* was famous this past April – his picture was featured on the cover of Radio World April 27, 2022, and again on page 29 in the Readers' Forum where several letters to the editor spoke highly of ham radio. See it here:

[Radio World](#)

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## **Internet Linked Repeaters In The Poudre Canyon?? You Bet!!**

**Marty Gerlach KCØQOK**

On Sunday May1, 2022 we did just that! James KI0KN and I (mostly James) came up with a plan to provide coverage to a dead spot I've been battling for the 17 years I've been the Communications Coordinator for The Colorado Marathon.

The full marathon starts at Stevens Gulch about a mile west of the intersection of Stove Prairie Rd and Highway 14, and the poor coverage area goes from the start to Aid 2 at Ouzel day use area about 5 miles from the start. In years past we've used cross band repeat and simplex station to station relays to provide communications.

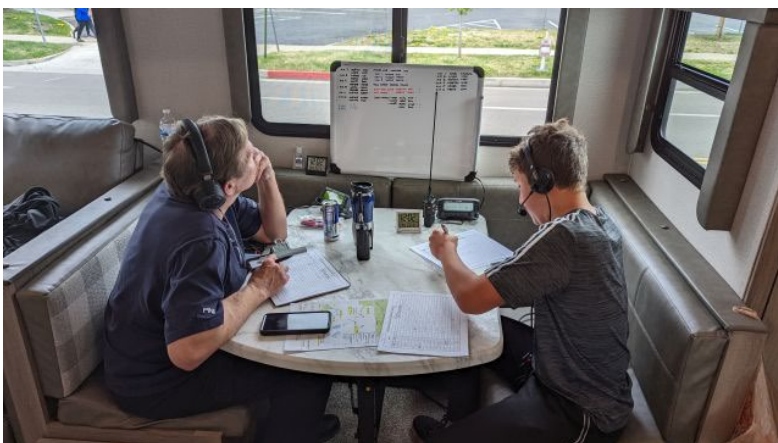
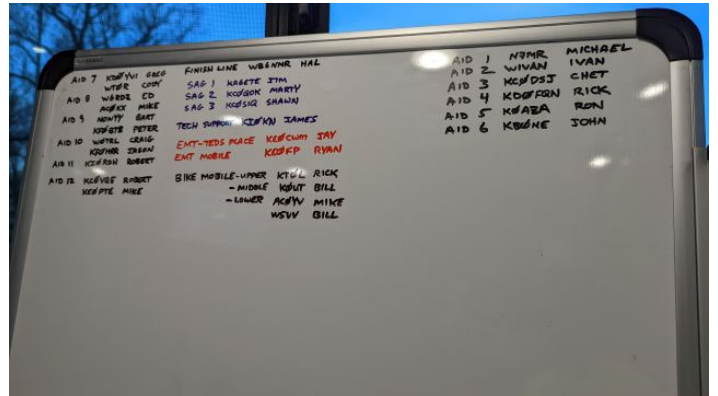
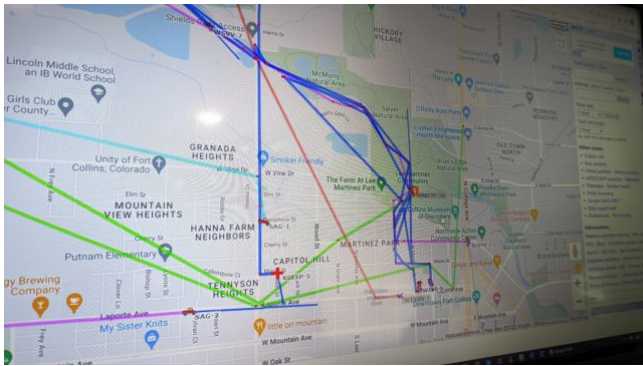
This year we kicked it up with the use of James's portable Motorola repeaters and my Starlink satellite internet system. With the help of Jim KA6ETE, we deployed the equipment at 0530 Sunday morning and within minutes we were linked to the Buckhorn 447.700 repeater via Starlink. This provided near flawless communications until all runners were past Aid 2 at which point the portable repeater wasn't required anymore as my 147.390 repeater at my house reaches to Aid 2, and the portable repeater doesn't talk past that point.

You may ask yourself why go through all that work for 5 miles of coverage. The answer is, anything can happen at any time, we could have had a runner collapse or any other scenarios where we needed communications for an extended period of time and EMS including CSP and LCSO do not have any communications in that area. I like redundancy, and if the resources are available you can bet I will take advantage of that every time!

We learned quite a bit that day and will take that knowledge to make it better in the future. Next up?? 6M testing in the canyon to commence in coming days/weeks. Keep your ear to the rails.....

# Colorado Marathon 2022

Pictures courtesy of Justin King



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## Tech Report

**James Cizek, KIØKN**

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

**May 2022**

**Come to the club meeting to get all the latest details!**

## Upcoming Ham Radio Events

**Ride to End ALZ:** Jun 12, 2022, Contact Darren, KC0ZIE

**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

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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

### 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*.

*I'm still looking for some answers about these radios! Anyone?*



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## Welcome New and Upgraded Hams!

The following folks tested on April 23 with great results!

K Lyle Dokken – Tech  
Scott Dunaway – General  
Andrew Evans – Tech  
Douglas Hatch – Extra  
Lawrence Hughes - General  
John Ringland - General  
Erin Robinson – Tech



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## Field Day 2022, 25 & 26 June, Reminder (again)

We'll meet on property close to Greg Ella's (NØEMP) house. The address is 318 Regina Dr, Fort Collins.

The noise levels are very good. One issue is that we are within the controlled airspace for the Loveland Fort Collins airport (KFNL), so any drone flying will have to be coordinated through ATC.

There is also a low hanging telephone or cable line across most of the front of the property, that could be an issue with high vehicles like surplus ambulances or RVs. We plan to flag this line, and there is a way to get around it and access the main property of the lot.

As with the past two years, Greg does not plan to personally organize any group meal, but if someone wants to set something up, please feel free.

## Colorado ARES Members – Event Sign-up (reminder)

Please check your calendars and sign up for the 2022 Dirty30 Ultramarathon

**Who:** Colorado ARES Members (All Districts)

**When:** Friday, 03 Jun 2022

**Where:** Golden Gate Canyon State Park, Golden, CO

**Mission:** Runner safety and accountability, Golden Gate Canyon State Park Support

There is also a need for set up assistance on Thursday, 02 Jun 2022.

This is in service to the Golden Gate Canyon State Park. As such, this event is considered an AuxComm Unit deployment. However, Colorado ARES members and encouraged to signup and ARES participation is needed. Please use this link to access the 2022 Dirty30 signup form: <https://forms.office.com/r/WVCa3w6p9u>

The same signup form can be accessed on the [coloradoares.org](http://coloradoares.org) website and is contained in the 2022 Dirty30 Post. [Colorado ARES website](http://coloradoares.org) A distribution list will be created from the signup form entries and event/deployment details will be sent as they become available to those who register for the event.

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# Donation Request for Ukrainian Hams

From Bob Weinstein NØTZU

As I mentioned at our last club meeting, a few hams and I are sponsoring fundraisers at GoFundMe for some Ukrainian hams we know of who are now in need because of the terrible war there. Among many other problems, money is needed for food and necessities which are now scarce and extremely expensive.

## **Any amount will help!**

(I do not take any fee, nor do the other sponsors. GoFundMe itself takes a small fee).

Here is the GoFundMe information, in no particular order.

UT7UX, “Gene” and family <https://gofund.me/5ff0acfc>

UT5GD, Yevhen (“Jon”) and family <https://gofund.me/f7b45879>

US7IGN, Wlad’s family in Poland <https://gofund.me/341baa6b>

If you wish to help these hams directly without going through GFM, let me know and I’ll give you the personal information needed to use PayPal or [Wise.com](https://www.wise.com). to do so. I’ve used both of those successfully.

There are also many reputable organizations working to help people in Ukraine. Here is one list: <https://www.charitynavigator.org/index.cfm?bay=content.view&cpid=9366>

Thank you very much for your consideration.

### **From the Editor**

*Ann Donoghue KØARD*  
[newsletter@ncarc.net](mailto:newsletter@ncarc.net)

Lots of activities coming up, many more races and events are being held. I hope to help in my first one in June! How about you?

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!