



From the NCARC President

Joe Hawley KDØTYU
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Before I go into all the exciting things we have, I'd like to take a moment and talk about a silent key, who was a very good friend of mine. Steve Jackson passed away a few weeks ago. He was president of the Weld Amateur Radio Club and had been secretary of NCARC not long ago. Steve and I could talk about anything; we may not have agreed on everything, which seemed to be the case more often, but we always had a kinship with each other. Steve will be missed.

NCARC has many things coming up, which I think everyone may be interested in. Starting with our Rosin Corps event, on Saturday, November 5th. We will build a Yagi tape measure antenna. There are quite a few designs of this; however, I believe our instructor Dan Magro has perfected it. This class will be offered free to anyone who wants to come. To register, please go to our website.

On December 3rd, we are holding our annual technician's licensing class. This class is a two-day course starting on Saturday, December 3rd, and finishing on December 10th with a test session for anyone who wants to license. The class is free, and we also include lunch for no charge. To register, please go to our website at ncarc.net.

Last, but not least, we will have our holiday party sometime in December; more information about that to come.

Public Affairs Office

Dave Winnett WØDDZ
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Numbers as of October 11, 2022

YouTube

Views (last 28 days): 1,425
Watch time (hours, last 28 days): 198.7
Subscribers: 2,342
New Subscribers (last 28 days): 5

Facebook

Members: 517
New Members: 0

Trivia Question:

Which of the following current radio brands, historically linked to amateur radio, is the **oldest by its founding date**?

Your choices are:

Alinco
EF Johnson
Icom
Kenwood
Yaesu

See the end of newsletter for the answer!

Club Meeting

Saturday, October 15, 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

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

Topic

Low Earth Orbit for Satellites

Joe DiVerdi KØNMR

Next meeting:

November 12, 2022
Golden Corral
Loveland, CO

Tech Report

James Cizek, KIØKN

techchair@ncarc.net

October 2022

The 60 GHz linking hardware that the club approved to buy is now configured and ready to be deployed. This will likely happen next week.

Horsetooth

There is a problem with the Horsetooth Winlink node. It appears to be RF related and not computer/IT related. This will be investigated at the next visit and corrected as quickly as possible. The CSU Winlink has an error on its Raspberry Pi and it's getting old enough that it's time to rebuild. I have a new image written on a new SD card and I will replace it on my next visit (should be Tuesday next week). In the meantime, the Loveland repeater groups Winlink and VARA nodes are both healthy and working great, please feel free to use them as they are "open" for all to use!

Buckhorn

I am aware of and will investigate the heavy digital interference we sometimes receive on the Buckhorn 447.700. I believe this is intermod from something else on that hill. We will try to track that down and see what we can do to fix it as I know how annoying it is! The good news is that any legitimate signal on the input is adequate to make it through the repeater so beyond the nuisance, the repeater is functioning great.

Grover

The Grover repeater was in "standalone" mode for a short bit due to a computer error. That was rectified and put back online so things are back to normal on that link.

Rattlesnake

A new, larger battery bank is ready to be deployed at Rattlesnake. This will happen shortly also and should allow us to get through those heavy snow/overcast string of days we sometimes see without shedding any load there.

Lee Hill

I've been told that the new gear for the 447.750 Lee Hill repeater is about ready and could be deployed as early as the end of this week! Look for an announcement that that has been placed back into service. Many thanks to RMHAM for its dedicated efforts to restore that service for us.

Remembering Nichelle Nichols 1932 to 2022.

As Lieutenant Nyota Uhura on *Star Trek*, Nichelle's role was unprecedented as a prominent bridge officer (a black woman on par with white male colleagues). Depending on when you believe *Star Trek* is set, she is maybe the first ham radio operator or one far in the future with some really neat radio gear. She set the standard for professionalism in communications!

Treasurer's Report

Darren Kalmbach KCØZIE

treasurer@ncarc.net

October 2022

Account	Checking	Raffle	Savings	PayPal	Total
Beginning Balance	\$1,936	\$2,329	\$1,110	\$5,804	\$11,179
Deposits					\$0
Transfers					\$0
Withdrawals				\$0	\$0
Ending Balance	\$1,936	\$2,329	\$1,110	\$5,804	\$11,179
Outstanding Items					\$0
Net Balance	\$1,936	\$2,329	\$1,110	\$5,804	\$11,179
Net Change	\$0	\$0	\$0	\$0	\$0

Expenses: Storage

Revenue: Memberships

Membership Activity:

October 2022: 228 (1 new)

October 2021: 264

A real-life lesson regarding the importance of a two second pause in between key-ups

From Dirk Bruno AJ6XW, on QRZ.com Forum
Published 10/2/22 (used with permission)

Yesterday, after teaching at school for most of the day, I drove home, super excited to go work on our honeybees. I loaded my truck with the necessary tools and off I was driving to one of our honeybee yards.

As I was driving 55 mph on the highway, there was a slowdown...no problem, I gently braked, coming to a near standstill in the traffic. The only thing I remember after that was the loud screech of someone braking their vehicle and then a super loud smashing sound.

When I came to, I couldn't figure out how my beautiful truck was now in the oncoming lanes of traffic. I felt dazed, hurt, confused, angry and disoriented. It did not take too long to realize I had just been rear-ended by someone driving 55-65 mph.

No, problem, I will find my phone and call 911. Whoops, in my hurry to get all my honeybee equipment loaded, I forgot to load my phone! And then I remembered I had recently installed a Yaesu FT-60 with a magnetic mounted roof antenna! I hit the scan button and found two people talking. The only problem was they left just a milli-second in between key-ups. I repeatedly attempted to call for help...but nope, the motor mouths kept yapping it up, no pauses in between key ups.

Finally, after about 5 minutes, I was able to break in. The amateur radio operator immediately called for emergency personnel. Unfortunately, it took the EMTs 35 minutes to reach us. The CHP arrived exactly 65 minutes after the accident took place. **The 5-minute radio delay was not that important in my given situation. But in other situations, that could be a matter of life and death.**

As I waited for the emergency personnel to arrive, I made myself a promise: I will strive to keep my conversations shorter, and I will strive to always leave a 2 second pause between key ups. I never realized the importance of the 2-second pause until I was in a situation that highlighted how important it really is.

I am a totally new amateur radio operator...totally green and wet behind the ears. But I am asking every one of you [young and old], please keep conversations shorter and please, do your best to always leave a 2 second pause between key ups.

PS: The doctors in the ER room ordered x-rays of my neck, rib cage, shoulders, etc. They also ordered a CAT scan for my amateur radio, pea-sized brain [my brain shrank after having to memorize all those answers for my Extra license]. My truck is ruined, and I still feel kind of upset. I am in a lot of pain today [the day after the accident]. My head hurts, my neck hurts, my shoulders hurt, and I have begun to see weird green spots. I am thankful to be alive.

One thing is for sure: I plan on coming out of this a better amateur radio operator.

Get the Goods!

The [NCARC Store](#) is 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>

Interested in TechNet? Maybe you can help!

From Joe Hawley KDØTYU

I received a note from Jim Dixon informing me that he needed some time off from our club's Technet. First of all, I'd like to thank Jim for the excellent way he managed the net, and I appreciate everything he did while he was Net Control.

Jim's absence leaves us with an opening for a Net Control Operator, and for now we would like to alternate a few people who would be interested in doing this. Radio Dan originated the Technet, and then I stepped in and did it when he got too busy. So, if I can do it, anyone can do it. If you're interested, you don't you need a technical background to manage the net. Oh, by the way, we will also train you if you would like.

Anyone interested in helping out periodically on this net please send me a note, and we'll set up a schedule. Thanks so much for supporting NCARC, and we hope to see you this weekend at the club meeting.

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

NCARC Club Picnic

September 17, 2022, Fossil Creek Lake Pavilion

Burgers and hot dogs were enjoyed! Lots of good chatter, sharing of equipment and yummy shared food.



The Hurricane Watch Net

The emergency communications of the Hurricane Watch Net, when active, are on 14.325 MHz (USB) by day and 7.268 MHz (LSB) by night. The net may also be monitored on-line at <https://www.hwn.org/>

Upcoming Ham Radio Events

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

Rosin Corps: Nov 5, 2022. Build a tape measure 2 m Yagi antenna. Click [here](#) to register

Technician's Amateur Radio Class: Dec 3 and 10, 2022. Class followed by test session. Click [here](#) to register

NCARC Christmas Party: date and location to come! Sometime in December

NCARC HamFest: Jan 21, 2023. Loveland, CO

From the Editor

Ann Donoghue KØARD

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I'm participating in the Blue Sky Marathon and hoping to improve my radio skills! Might have to relay messages, connect other stations and who knows what else! It will be good practice. What do you do to practice?

Trivia Answer:

EF Johnson – 1923

Others:

Alinco – 1938

Kenwood – 1946

Icom - 1954

Yaesu – 1959 (Yes, your Yaesu is the youngster of the group.)