



From the NCARC President

Joe Hawley KDØTYU
president@ncarc.net

I know it's a shock to everyone, but we will have good weather here for a while. This year has been a crazy winter, and it's pushed back on some of the events we wanted to do with NCARC. Here's what we have tentatively planned for spring and summer. In April, we're looking at doing a general licensing class. In June, we have a couple of events: first, we will hopefully have our summer HF outdoors seminar here in Loveland, along with the ARRL field day at the end of the month. In July, we thought we would try to have a programming class that I've been talking about for months. There'll be more information about all these events soon on our website.

I want to remind you of some of the Nets we put on. On Monday at 6:00 PM, we have TechNet. This net is an opportunity for you to ask any question. All questions are welcome, from the smallest to something technical. This net is one of our more popular, with all the Elmers on, so if you have a question or want to listen, I think it's worth your time. Wednesday night at 6:30 pm is the NCARC Club net. The Club net is an opportunity to hear updates we have within our club and for you to have a chance to ask questions of the board or provide input on things you'd like to see. Thursday night is our ARES net. ARES stands for Amateur Radio Emergency Services. They discuss issues relating to auxiliary communications. You do not have to be a member to check-in. If you are interested, come to join us at 7:00 pm.

On Sunday afternoons, we have our Nature of Radio net. This net is somewhat like TechNet, only a little bit more technical. Even for the beginner, it's worth listening to. It starts at 3:00 pm. All these nets are on the 447.275 with the negative offset and a 100 Hertz tone. Join us.

Public Affairs Office

Dave Winnett WØDDZ
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Numbers as of March 14, 2023

YouTube

Views (last 28 days): 3,754
Watch time (hours, last 28 days): 542.3
Subscribers: 2,499
New Subscribers (last 28 days): 67

Facebook

Members: 543
New Members: 3

LIFE IS SIMPLE



Club Meeting

Saturday, March 18, 2023

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:

NVIS: Near Vertical Incidence Skywave

Greg Ella, NØEMP

If you missed it, you missed a good one.
Be sure to check out our YouTube channel for the recording.

Next meeting:

April 15, 2023

CQ World Wide WPX Contest - SSB

One of the largest HF contests of the year, the CQ World Wide WPX Contest, SSB, runs from 0000 UTC Saturday, March 25 through 2359 UTC Sunday, March 26. Participants may operate on the 1.8, 3.5, 7, 14, 21, and 28 MHz bands. The exchange is signal report and a sequential contact serial number starting with 1. Single Operator stations may operate 36 of the 48 hours, and off times must be a minimum of 60 minutes, during which no QSO is logged. Multi-operator stations may operate the full 48-hour contest period. For full rules and scoring details, see www.cqwpw.com/.



General Licensing Class and Testing session

Offered by the Northern Colorado Amateur Radio Club

Like a few years ago, we will be at the Poudre Valley REA, 7649 REA Parkway, Fort Collins, CO, just east of I-25 on CO-392. The event will be on two consecutive Saturdays: April 22 and April 29, from 8 am to 4 pm on both days. The test session will be in the afternoon of April 29. And it's all free, even lunch...

To sign up, using Signup Genius, go to www.ncarc.net

Radio Balloons

From Bill Beach KØUT

Have you ever wondered what amateur radio balloons, including pico balloons, might be overhead at any given time? The best site that I have found is SondeHub Tracker. <https://amateur.sondehub.org/#!mt=Mapnik&mz=4&qm=12h&mc=35.06597,-99.66797>

To get rid of some of the clutter, go to Settings and change Hide Receivers from the Map, Hide Chase Cars from the Map and Hide Launch Sites to "On." You may also want to select imperial units.



ARRL Field Service Appointments

Have you ever wondered about the Field Service Appointments for ARRL? Go to <http://www.arrl.org/field-appointments> For instance, if you want to find out the Net Managers for the Colorado Section....

Field Service Appointments Database

Search by:

▶ Call sign:

▶ Name:

▶ Section:

▶ Appointment:

▶

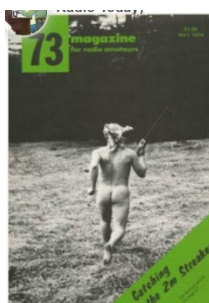
73 Magazine was published from 1960 until it folded in 2003. Want to look at an old copy? They are available on-line at <https://archive.org/details/73-magazine?sort=-date>



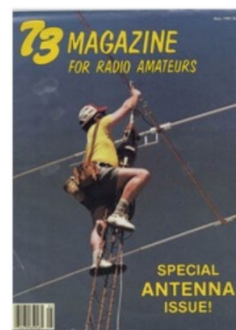
73 Magazine
(October 1960)



73 Magazine (April 1967)



73 Magazine (May 1974)



73 Magazine (May 1981)

(and there are some 'interesting' covers...)

Tech Report

James Cizek, KIØKN

techchair@ncarc.net

March 2023

Horsetooth

Thanks to NØEMP for an emergency trip to Horsetooth. The wind was strong enough to tear the mounting brackets that hold 2 of our microwave dishes clean off the wall of the building. He fixed and strengthened that for us and things are good again. The Winlink is still broken, it will be looked at on the next trip.

You may notice that the 447.275 has been "going dead" once in a while. About 6 weeks ago, the PC on Lee Hill died and in order to keep the 447.750 repeater online in a pinch, the audio streams were redirected over the microwave backbone to the Horsetooth repeater controller PC. There is a known issue with any latency/drops on the network in this configuration and it slowly starts to affect a buffer on the controller (currently the Horsetooth controller). Once the buffer overflows, audio stops passing over the repeaters and it appears as though the repeater is offline. It requires a reboot of the Horsetooth controller to fix.

I believe a replacement PC has been procured for Lee Hill and will just need to be configured and placed there; then we can move back to the standard way of linking our repeaters. This will eliminate this issue. In the meantime, please use the website form at ncarc.net to let us know if you find the repeater unresponsive and we'll get it fixed right away! Thank you.

It's just about spring so once our sites dry up, the usual "check to see how everything is" trips will get scheduled and a general health check on things will be performed. We have some work to do at Horsetooth and Buckhorn, so please watch for some help solicitations on trips there soon.

Buckhorn

I am still working through issues with the phone patch here. This is not a forgotten project, just something I've run into a lot of dead ends with. The phone extension is present and working at the Buckhorn site, but I can't get the repeater controller to actually engage the line. I've been searching for help with this, but I haven't made much progress in that last little step. Please know it's still in active status and I hope to have good news one of these days!

CSU-VARA

Thanks to WØBNC for a donation and some extra work to reconfigure, we should have the CSU packet node replaced this week with a new node that will answer to both 1200 baud standard packet -and- FM VARA for Winlink. Stay tuned for an "on the air" announcement soon!

Treasurer's Report

Darren Kalmbach KCØZIE

treasurer@ncarc.net

January 2023

Account	Checking	Raffle	Savings	PayPal	Total
Beginning Balance	\$615	\$661	\$1,110	\$6,989	\$9,374
Deposits	\$5,876	\$2,122	\$0	\$2,038	\$10,036
Transfers	\$2,500	\$0	\$0	(\$2,500)	\$0
Withdrawals	\$1,632	\$0	\$0	\$84	\$1,716
Ending Balance	\$7,359	\$2,783	\$1,110	\$6,443	\$17,694
Outstanding Items	\$0	\$0	\$0	\$0	\$0
Net Balance	\$7,359	\$2,783	\$1,110	\$6,443	\$17,694
Net Change	\$6,744	\$2,122	\$0	(\$546)	\$8,320

Expenses: Storage, Microphone, Rosin Corps, SOTA/Longmont

Revenue: Memberships, Hamfest, Donations

Membership Activity:

January 2023: 158 (158 new)

January 2022: 148

LARCFEST 2023

Calling All ARRL DXCC Checkers Will Be Onsite
Bring your QSL Cards and Get Those Awards!

Sponsored by:
Longmont Colorado
WØENO
Amateur Radio Club

Saturday
April 1st
(No Foolin'!)
9am to 1pm

HAM RADIO FLEA MARKET

\$6 Admission
(Exact Change Appreciated!)
Under 16 Free

50/50 Raffle
Tickets \$5

Live HF Radio
Demonstration.
Come try it for yourself!
(No License Required!)

Enter to win our Grand Prize!
\$950 DX Engineering Gift Card
2nd Prize - \$500 HRO Gift Card
3rd Prize - BHI Noise Reduction Module

Watch WØENO.org for
More info on
Forums & Speakers

Get Your HAM License!
VE Session Starts at 9 am In the Clover Building
Talk-in on 147.270 (+) 100 Hz tone
And 448.800 (-) 88.5 Hz tone
* Early Load-in Friday, 03/31, 3:30 PM out by 7 PM *

Boulder County Fairgrounds
Exhibit Building
9595 Nelson Road
Longmont, CO 80501

Table Costs
\$15 in Advance / \$20 at the door
Premium (Center Hall) Tables \$25
For More Info go to:
<https://wøeno.org/larcfest/>
email Dick, KEØVT - larcfest@wøeno.org

Get the Goods!

The [NCARC Store](http://www.ncarc.net/?q=node/424) 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>

It's Never Too Late to Renew!

Renew your NCARC membership.

It's quick and easy.

[Click here!](#)

Upcoming Ham Radio Events

Equinox ½ Marathon, 4 Mile: Mar 26, The Biergarten, Fort Collins, CO. [More info here.](#) Contact Marty KØMLG

LARCFEST: Apr 1, Boulder County Fairgrounds.

Quad Rock Race Event: May 6, 2023, Lory State Park, Fort Collins, CO. [More info here.](#) Contact Darren KCØZIE

Colorado Marathon and ½ Marathon: May 7, Fort Collins. [More info here.](#) Contact Marty KØMLG

C.A.S.T. For Kids: Jun 3, Horsetooth Reservoir, Fort Collins. [More info here.](#) Contact Marty KØMLG

Ride to End ALZ: Jun 11, 2023, Fort Collins, CO. [More info here.](#) Contact Darren KCØZIE

Never Summer Race Event: Jul 28-30, 2023, Gould, CO. [More info here.](#) Contact Wayne ADØKE

Equinox Marathon, ½ Marathon, 5 Mile: Sep 17, Poudre Canyon, Fort Collins, CO. [More info here.](#) Contact Marty KØMLG

Red Feather Jamboree: Sep 22-24, 2023. Red Feather, CO. [More info here.](#) Contact Brian NØBCB

Blue Sky Marathon: Oct 21, 2023, Fort Collins, CO. [More info here.](#) Contact Darren KCØZIE

From the Editor

Ann Donoghue KØARD

newsletter@ncarc.net

Ahhhh, spring is in the air! Time for fun outdoor radio activities, like putting up an antenna for my HF rig! Please send your articles, ideas for articles and announcements for inclusion in the newsletter.