



Central Dakota Amateur Radio Club, WØZRT

NOISELETTER

January 2024



ABOUT THE CDARC

Central Dakota Amateur Radio Club - WØZRT was established in 1971. Our purpose shall be to further the exchange of information and cooperation between members, to promote radio knowledge, fraternalism, individual radio operating efficiency, and to conduct programs and activities that advance the general interest and welfare of the United States, North Dakota, our community, and amateur radio.

THE PRESIDENT'S QTC

Happy 2024 everyone!

My hopes are that everyone had an enjoyable Christmas and New Year's Holiday. It was good to see everyone at the club's holiday party at Pizza Ranch. It's always fun to visit with people you haven't seen for a while and catch up on what's been happening. Fortunately, this part of the state missed out on any major damage from the freezing rain on the 26th of December. The conditions were perfect in the Bismarck area causing ice to form on some objects and certainly the roads but for the most part the power lines and everyone's antenna wires stayed up with no damage. This was a great reminder to everyone how we take all of the modern conveniences for granted and how we all should have some kind of emergency supplies available and a plan to keep warm if the power does go out for an extended period of time. Maybe even take time to figure out how to power your ham gear off a backup source such as a generator or a different 12-volt supply and have a couple of simple wire antennas available to put up outdoors.

For those of you that maybe don't know the 145.430 repeater at Hanover is no longer operational. The equipment was located on a tower owned by Roughrider Electric Cooperative, and they decommissioned that site. The Hanover repeater had amazing coverage thanks to Roughrider allowing us to be on the tower at that location. Thankfully we were able to recover all the equipment (short of the antenna and coax) to possibly be placed at a different location in the future.

Keep in mind that elections for club offices

are coming up. Mike (KEØESG) has mentioned that he isn't seeking re-election as secretary, so we'll need someone to step up and take on that role.

Hamfest is just around the corner on February 24th and that means it's time to go through your stuff and decide what you'd like to get rid of or maybe instead what you'd like to find to bring home.

Until next time 73's
Chad Dahme KCØAFB
CDARC President

January 24, 2024 MEETING AGENDA

- A. Approval of November 2023 minutes
- B. Treasurer's Report
- C. Guests

COMMITTEE REPORTS:

1. Technical
2. Skywarn
3. VE Testing
4. Net Control
5. Activity

OLD BUSINESS:

1. Christmas Party
2. Hamfest 2024
3. Memorial
4. Bylaw Vote
5. Election update

NEW BUSINESS:

1. Announcements
2. 50/50 Drawing

ADJOURN

November 2023, MEETING MINUTES

Club President Chad/KCØAFB brought the meeting to order at 7:04 pm.

In Attendance:

Chad/KCØAFB (CDARC President)
George/WØGX (CDARC Vice President)
Mike/KEØESG (CDARC Secretary)
Dee/KBØCGK (CDARC Treasurer)
Bob/NØTC (CDARC Member at Large)
Rick/NØMBE (CDARC Member at Large)

Rich/WBØTML
Bruce/WØHS

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Mark/N0FAZ
Steve/KD0ZYI
Marc/N0SUU
Tony/KB0ACP
Lorne/N0CYK

Motion to approve the October minutes by Lorne/N0CYK, Seconded by Rich/WB0TML. No discussion. Motion passed.

Treasurer's Report - Dee/KB0CGK reported Checking account balance as November 28, 2023: \$493.87. Savings account balance as of November 28, 2023: \$8,743.05. Motion to approve by Lorne/N0CYK, Seconded by Rich/WB0TML. No discussion. Motion passed. No Guests

Skywarn Report - Mike/KE0ESG reported Skywarn Recognition Day is coming up on Saturday, December 2nd, from 8 a.m. to 4 p.m. We would like to see as many people try to make contact during the event. You can also register for Skywarn Recognition at <https://www.weather.gov/crh/skywarnrecognition>.

Net Control Report. Lorne/N0CYK reported number of participants see Noise Letter for details.

Activities Report - Mike/KE0ESG reported that on January 6th from 1pm to 5pm is ARRL Kids Day. Last June, we participated in a Kids Day Event and were at the Gateway to Science Building. We had radio setup and used G5RV antenna on roof. The display had QST magazines, different Handheld radios, and we were able to work HF and VHF from there. This is to get young kids and parents interested in Amateur Radio. We will have participation certificates for those who participate. It is simple contacts with questions like name, location, favorite color, do you have a pet etc. If interested in participating contact Chad/KC0AFB. On December 14th, there is a tabletop exercise for mass casualty. They're giving it the name of Operation Country Blues exercise. Something happens at one of the outdoor concerts. How would we react? They're looking for people to participate. George/W0GX stated he is planning on attending. If you are also interested in attending, contact George/W0GX.

Projects at BSC. A discussion of possible projects for mid-January was held and several ideas came up. NanoVNA demonstration/class, 3d Printing demonstration, balun/unun

construction, Trap construction. Mike/KE0ESG will talk with Bob/WA0SXC to see if he would give a class on NanoVNA. He also stated he could do a demo on 3D printing.

Hamfest 2024 -Chad/KC0AFB gave updates to planning and stated that everything is up to date. Dee/KB0CGK is still working on the permit and will finish it up when we have the prizes selected. A discussion on prizes was held and the conclusion was to look to purchase a power pack for the main raffle. Mike/KE0ESG made the motion to purchase that power source for a raffle of approximately \$250. Second by Lorne/N0CYK Motion Passes. Mark/N0FAZ and Rick/N0MBE will research for different options.

Rich/WB0TML will donate frequency charts that are laminated for giveaways at Hamfest. George/W0GX discussed 12 different forum topics for Hamfest. The top ideas were budget antennas, DX expeditions, Digital HF Modes, and possibly exploring satellites. George/W0GX will reach out to speakers to see if they would be available.

Election planning. Mike/KE0ESG reported that he will not be seeking reelection. Positions open for election will be President Chad/KC0AFB, Secretary Mike/KE0ESG, and Member at Large Bob/N0TC. Mike/KE0ESG volunteered for the Election Chair position. Bob/N0TC stated he would run again for Member at Large. Election will be March 26th, 2024. Mike/KE0ESG will send out notice to all members of Election. He also stated that we need to amend the bylaws to change language since last election when we changed to a staggered election of terms. Mike/KE0ESG presented the club with wording changes.

Here is the current bylaw.

”SECTION 3. Terms. Officers and Board members shall be elected for a staggered two year term to provide continuity. The election will be by a majority vote of members, provided there is a quorum at the regular March meeting. The election following the adoption of staggered terms for 2023, the President, Secretary and 1 Member at Large will be elected for a one year term and the positions will come up for election to begin every even number year thereafter. Vice-President, Treasurer, and other Member at Large will be elected for a two year term and the positions will come up for election to begin every odd number year thereafter. New officers and Board members will assume their duties following the regular March meeting. “

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Here is the proposed change to the bylaw.

*“SECTION 3. Terms. Officers and Board members shall be elected for a staggered two-year term to provide continuity. The election will be by a majority vote of members, provided there is a quorum at the regular March meeting. **The President, Secretary and #1 Member at Large will be elected on every even numbered year. Vice-President, Treasurer, and other Member at Large will be elected on every odd numbered year.** New officers and Board members will assume their duties following the regular March meeting. “*

Motion to pass proposed changes on First Reading made by Mark/NØFAZ, Seconded by George/WØGX. No discussion Motion passed on first reading. Mike/KEØESG will send it out to all members and include it in the December Noise Letter. We will have a vote on the changes on January 23rd, 2024, Meeting.

Christmas party. December 12th from 6-8 at the Pizza Ranch in Bismarck the room is reserved under Chad/KCØAFB’s name.

Letters of recognition. Mike/KEØESG stated he has the letters of recognition ready for signatures from President and Vice President. The four letters are to KFYZ, Burleigh County Emergency Operations Center, Morton County Emergency Management, and Roughrider Electrical Cooperative. Letters were signed and Mike/KEØESG will send them out.

Technical – Mark/NØFAZ stated Pete/KFØDL and himself are going to try to get to Hanover repeater site over the weekend and what is going on there. Mark/NØFAZ was concerned that the power was turned off at the sight. Dreux/KBØLEY reported that he did not see any tower lights on tower recently. He also reported that when close to tower site, could hear repeater do something but very weak. Mike/KEØESG asked if were had completed terminating the coax at Burleigh Count EOC. Mark/NØFAZ had not heard anything yet from Randy/KCØCAU about it. Chad/KCØAFB stated we still need to terminate on the roof, bond to ground, and connect the antenna. In radio room we need to terminate coax. Mark/NØFAZ will work with Randy/KCØCAU to setup date to complete the work. Last item was that the 85-repeater had something going on a few weeks ago. Could hear some people on Sunday night net, others could not.

VE report Bob/NØTC reported that the candidate this evening did not pass. He also reported that the gentleman was from Ukraine and did not speak English. Nephew acted as

an interpreter for him.

Ham Radio Prep Author. Mike/KEØESG got an email from Ham Radio Prep. If we register with them, every club member gets an automatic 20% off Ham Radio Prep online classes. Also our Club will get a 20% return on club member who signs up.. My question is, do we register? A discussion followed. Consensus is to register club on site. Mike/KEØESG will register the club at Ham Radio

Memorials. WAØTØF... It was moved to table until next meeting.

Announcements. Chad/KCØAFB made the announcements. These can be seen on the CDARC.COM website calendar. KBØCGK made an announcement that the rent for storage unit is going up to \$60 per month. Lorne/NØCYK made an announcement for a request for a contact on 12 or 17 meters. If you would like to make contact with him, Contact Lorne/NØCYK for more details.

50/50 - \$26 dollars. \$13 for club and \$13 for winner Rick/NØMBE. Rick/NØMBE donated his winnings back to the club for future club projects. Motion to adjourn by Bob/NØTC. Adjourned at 8:24pm.

UPCOMING EVENTS

CDARC January Monthly VE Testing
Tuesday, January 23rd, 2024, 6:00 pm,
Bismarck State College Career Academy rm 230

CDARC Monthly meeting
Tuesday, January 23rd, 2024, 7:00 pm,
Bismarck State College Career Academy rm 230

CDARC February Executive Meeting
Tuesday, February 13th, 2024, 7:00 pm,
Scheels Food Court

**February 2023 34th Annual Hamfest
ARRL State Convention**
Saturday, February 24th, 2024, 8:00am,
Bismarck State College Career Academy
1221 College Dr. Bismarck ND

CDARC February Monthly VE Testing
Tuesday, February 27th, 2024, 6:00 pm,
Bismarck State College Career Academy rm 230

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CDARC February Monthly meeting

Tuesday, February 27th, 2024, 7:00 pm,
Bismarck State College Career Academy rm 230

NET REPORTS

Sunday CWJ/VHF Net 146.850
(November) (December)
Nets: 4 # Nets: 4
Checkins: 31 # Checkins: 31

Sunday 2 Meter SSB Net 144.200
(November) (December)
Nets: 4 # Nets: 4
Checkins: 31 # Checkins: 31

Sunday 6 Meter Net 50.125
(November) (December)
Nets: 4 # Nets: 4
Checkins: 31 # Checkins: 31

Net Controllers:

Bob/NØTC

Mike/KEØESG

Justin/KØJBM

Chad/KCØAFB

Activations: Nothing to report

Net Control Schedule

Sunday, January 7, 2024	BOB/NØTC
Sunday, January 14, 2024	Chad/KCØAFB
Sunday, January 21, 2024	MIKE/KEØESG
Sunday, January 28, 2024,	JUSTIN/KØJBM
Sunday, February 4, 2024	BOB/NØTC
Sunday, February 11, 2024	Chad/KCØAFB
Sunday, February 18, 2024	MIKE/KEØESG
Sunday, February 25, 2024,	JUSTIN/KØJBM

LOCAL REPEATERS

145.430- Hannover, No PL
146.850- PL 107.2 (optional)
146.940- Super Link, No PL tone
147.060+ PL 107.2, BSC Analog Fusion
224.200- NØFAZ, PL 103.5
444.200+ PL 103.5 Cross band repeat on
52.525
444.350+ PL 107.2, BSC Digital Fusion
444.650+ Yaesu Fusion Digital or Analog
PL for analog 107.2
Keying up a Fusion repeater with an analog
transmission will switch all users to analog

CDARC OFFICERS

President: Chad Dahme, KCØAFB
Vice President: George Marvin, WØGX
Secretary: Mike Holman, KEØESG
Treasurer: Dee Tracy, KBØCGK
Members at Large: Bob Tracy, NØTC
Rick Zeigler, NØMBE

COMMITTEES & COORDINATORS

Newsletter

Mike Holman, KEØESG
Dee Tracy, KBØCGK

Technical Committee

Mark Malm, NØFAZ
Randy Tietz, KCØCAU
Pete Fettig, KFØDL

APRS Coordinator

Randy Tietz, KCØCAU

SKYWARN

John Paul Martin, KBØYLU

VE Testing

Bob Tracy, NØTC

CDARC Information Officer

CDARC Executive Committee

Web Administrators

Mike Holman, KEØESG
Quentin Schumacher, KDØWEB

Net Control Coordinator

Lorne Campbell, NØCYK

The Activities committee

Mark Malm, NØFAZ
George Marvin, WØGX
Chad Dahme, KCØAFB

CHECK OUT THE CDARC WEBSITE AND FACEBOOK PAGES:

<http://www.cdarcnd.com/>

<https://www.facebook.com/cdarcnd/>
FCC FRN INFORMATION

If you are planning on testing for your first Amateur Radio License, go to the following website and obtain a Federal Registration Number (FRN) first, and bring it with you to the testing session:

<https://apps.fcc.gov/coresWeb/publicHome.do>

(Note: if you already have a license, you already have a FRN; you do not need to register again)

VOLUNTEER EXAMINERS TAKE NOTE!

All ARRL-accredited Volunteer Examiners (VE's) must participate in at least one testing session every 5 years for their credentials to remain valid.