



Central Dakota Amateur Radio Club, WØZRT



NOISELETTER

November 2022

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

Well, it has been a very busy fall for me. I have been promoting amateur radio to several youth organization of the past several months and presented a dipole antenna workshop in October. I was stuck at home for a couple of days in November due to snow and now realize that those fall projects have come to an end and are now on the spring project list. I was not able to attend the Fargo Hamfest or the Garrison Hamfest due to other engagements. I am now looking for activities to present or participate in over the winter months. I have been active on the radio doing FT8 contacts. Most of the bands have been active and I have made many contacts in the month of November. I hope to see many of you at our upcoming meeting and at the Christmas party on December 6th.

For now, I will say 73' to everyone

Mike Holman, KEØESG
President, CDARC

November 22nd, 2022, MEETING

AGENDA

- Approval of October meeting minutes.
- Treasurer's Report
- Guests.

COMMITTEE REPORTS:

- Technical.
- Skywarn
- VE Testing
- Net Control report

OLD BUSINESS:

- Dipole antenna workshop report
- Hamfest
- Burleigh County EOC antenna update
- Election Staggered Terms bylaw change

- Christmas Party
- New Equipment update
- Tower Site Recognition / Appreciation update

NEW BUSINESS:

- Outreach/education committee
- 50/50
- Announcements

Adjourn

October 25, 2022, MEETING MINUTES

Club President Mike/KEØESG brought the meeting to order at 7:05 pm.

In Attendance:

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

Tony/KBØACP
Rich/WBØTML
Mark/NOFAZ
Lorne/NØCYK
Warren/KFØDJJ

Approval of September Minutes:
motion from Lorne/NØCYK to approve. Second from Rich/WBØTML. Motion carried.

B. Treasurer's Report - Dee/KBØCGK -
Checking account balance as of October 25, 2022: \$519.10. Savings account balance as of October 25, 2022: \$10,840.55. Motion from Mark/NOFAZ, second by Warren/KFØDJJ motion carried

C. Guests - Luke C Roberts/KFØETN, Max Georgeson/KFØHIT

Committee Reports

Technical -Mark/NOFAZ gave report on duplexer for Hanover 43 repeater. Technical committee recommended duplexer model COMPROD 66-13-74/138 - 174 MHz. Motion from Warren/KFØDJJ to purchase new duplexer for 43 repeater site. Seconded by Lorne/NØCYK. Discussion followed motion; delivery date will be in December. Motion passed.

Mark/NØFAZ will tell Pete/KFØDL to order duplexer. Treasurer will get check to Mark/NØFAZ to deliver to Pete/KFØDL. When new duplexer is installed, technical committee will assess the Hanover site for other equipment needs. Rich/WBØTML offered a 2 meter antenna for Hanover site. Technical committee stated that if we are upgrading antenna, we will be purchasing a commercial antenna for longevity. The old antenna is approximately 27 years old and new one hopefully should last that long as well

1. **Skywarn** - Mike/KEØESG reported no activations
2. **VE Testing** - Bob/NØTC reported that 1 person tested before meeting and passed General test. November will be last test session for year.
4. **Net Control** - Mike/KEØESG gave report. See noise letter for numbers.

Old Business

1. **Projects at BSC Planning** - Dipole antenna workshop is planned for October 29th at 10:00am. Mike/KEØESG stated that everything is arranged for the workshop other than maybe donuts. George/WØGX stated that he would deliver donuts. Mike/KEØESG showed the insulated dipole center insulator he printed on his 3d printer and gave an overview of the build process. The cost of the workshop will be free will donations. Mike/KEØESG will bring coffee/juice for workshop.

2. **Girl Scout Big Event Oct 1.** - Mike/KEØESG gave report that there were 85 kids and 47 parents that attended the event. Control Operators were Mike/KEØESG, Chad/KCØAFB, Lorne/NØCYK, Bob/NØTC, Randy/KCØCAU, Bruce/K7MYH. During the event, contacts with 19 states and two foreign countries (Germany and Scotland) were made. See map on website or NoiseLetter. The equipment for the event was Mike/KEØESG tower truck, HF Mag loop and VHF/UHF antennas. Mike/KEØESG also had his ft-991a, computer and monitor for digital mode and SSB mode. Chad/KCØAFB also brought his radio for a second setup for voice contacts. Chad/KCØAFB commented that we should participate again next year.

3. **Jamboree on the Air Oct 15th** Mike/KEØESG gave report that we had approximately 20 scouts attend the event. Everyone who desired to get on the air was given the chance. Rick/NØMBE and Karen/ KCØMNE were there representing scout leaders. Mike/KEØESG brought his tower truck, VHF/UHF antenna, ft-991s, computer for digital and voice. Tried to use HF mag loop and it

would not tune. Later discovered issue and repaired. Chad/KCØAFB brought a dipole antenna, endfed antennas, and radios for second station. Both antennas were setup and used along with both transmitters. Lunch was provided by Karen/ and Mike/KEØESG. Coffee was provided by Mike/KEØESG. Club agreed to participate again next year

4. **Hamfest 2023** - Mike/KEØESG displayed spreadsheet of last year's planning and went through activities and who completed them last year. Rich/WBØTML offered several ICOM calendars for giveaways at Hamfest. Last year HRO gave a \$100 gift certificate when we purchased two. Lorne/NØCYK will notify ARRL and division directors. All members should be looking at ideas for giveaway / raffle prizes. Location is secured. Working on different rooms for the forum this year.

NEW BUSINESS

1. Missouri Slope Model Aero Club donation.

Motion for \$50 donation for use of Missouri Slope Model Aero Club Site by Mark/NØFAZ, Second by George/WØGX. No discussion, Motion passed.

2. **Elections** -Chair for the election needs to be selected. The question of term limits came up. There are no term limits as it was not adopted at last election. Discussion of staggered terms was brought up. Executive committee will develop an amendment for the bylaws and present at next meeting.

3. **Christmas Party** -Justin/KØJBM will contact Pizza Ranch North and work on a date. December 6th or 13th would be suggested dates for the event. When we have a date, Mike/KEØESG will put a signup page on the website so we have a better idea of how many people will be attending. The time will be 6:00pm

4. **Lewis and Clark on the Trail June 3rd - 18th** - Mike/KEØESG stated that the event will be held again this year and the dates proposed will be June 3-18th. The club is encouraged to participate if possible.

5. **New Equipment** - Discussion on creating a plan for long term equipment replacement due to aging equipment.

6. **Tower Site Recognition / Appreciation** - discussion on sending letters of appreciation to all tower site owners for use of tower space. Mike/KEØESG will draft letters to each site owner.

7. Educational materials for youth groups who are interested in amateur radio

George/WØGX discussed presentation by ARRL President Rick Roderick - K5UR at Fargo Hamfest. Discussion on how to get younger generation interested in amateur radio. Discussion was had by club. Motion to purchase training materials in sufficient numbers to giveaway to youth organizations by George/WØGX, Seconded by Mark NØFAZ. Motion Passed. Mike/KEØESG will house materials at BSC.

8. New Committee - Mike/KEØESG asked if we need to have a new committee for outreach to youth organizations. Discussion ensued. This will be brought back to the Executive committee meeting for a plan

9. Update on Gateway to science

Mike/KEØESG was contacted by the director of the center to verify location and needs for coax for equipment. We will have an antenna on the roof of the building, and we are encouraged to develop activities for youth participation.

10. 50/50 \$30 dollars was split - \$15 Chad/KCØAFB and \$15 Club

11. Announcements were made by Mike/KEØESG See website for all announcements

Motion to adjourn by Lorne/NØCYK, second by George/WØGX;
Adjourned at 8:32 pm
Respectfully submitted,
Chad/KCØAFB
CDARC Secretary

UPCOMING EVENTS

November 2022 CDARC Monthly Meeting:
November 22nd, 2022, 7:00pm BSC Career Academy.

Holiday Party
December 6, 2022 6:00pm - Pizza Ranch North

January 2023 CDARC Executive Meeting:
Tuesday, January 10th 2023, 7:00pm
Scheels Food Court

NET REPORTS

October 2022
Sunday CWJ/VHF Net 146.850
Nets 5, # Check In's 60
One missing report

Sunday 2Meter SSB Net 144.200
Nets 5, # Check In's 18

Sunday 6 Meter Net 50.125

Nets: 5, # Check In's:14

Net Control Coordinator - Lorne/NØCYK
Net Controllers: Bob/NØTC, Randy/KCØCAU,
Mike/KEØESG, Justin/KØJBM, Chad/KCØAFB

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, Yaesu Fusion Analog- BSC
224.200- NØFAZ, PL 103.5
444.200+ PL 103.5 Cross band repeat on
52.525
444.350+ PL 107.2, Yaesu Fusion Digital
Repeater BSC
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: Mike Holman, KEØESG
Vice President: Bob Tracy, NØTC
Secretary: Chad Dahme, KCØAFB
Treasurer: Dee Tracy, KBØCGK
Members at Large: Justin Matteson, KØJBM
George Marvin, WØGX

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

Information Officers Executive Committee

Web Administrators Mike Holman, KEØESG
Quentin Schumacher, KDØWEB

Net Control Coordinator Lorne/NØCYK.

CHECK OUT THE CDARC WEBSITE AND FACEBOOK

<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>