



Central Dakota Amateur Radio Club, WØZRT

NOISELETTER



JULY 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

Hello everyone,

Summers has started with above average rain and now heat. I have taken advantage of the weather and completed some of my projects.

I completed setting my 3-50ft utility poles for my 160 meter loop. I still am working on the wire antenna for the loop and getting it in place with a 2:1 balun. I hope to have it completed by the club meeting in July.

Field Day in June was a lot of fun and was able to catch up with other amateurs and discuss with some people interested in becoming amateur radio operators. This year we made some contacts on digital FT8. This worked well to get some of the hard to contact states.

For now, stay health and safe, and I hope to hear you on the air.

73!

Mike Holman, KEØESG
President, CDARC

JULY 2022 MEETING AGENDA

- A. Approval of JUNE 2022 meeting minutes.
- B. Treasurer's Report
- C. Guests

COMMITTEE REPORTS:

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

OLD BUSINESS:

1. Projects at BSC planning
2. Field Day 2022 Report
3. Club Picnic, Aug 23rd
4. Jamboree on the Air Oct 15th.

NEW BUSINESS:

1. Girl Scout Demonstration Oct 1st
 2. 50/50
 3. Announcements
- Adjourn

June 28th, 2022 MEETING MINUTES

Club President Mike/KEØESG brought the meeting to order at 7:04 pm at the Bismarck State College Career Academy.

Attendance:

Mike/KEØESG (CDARC President)
Bob/ NØTC (CDARC Vice President)
Dee/KBØCGK (CDARC Treasurer)
George/WØGX (Member at Large)
Kay/NØNWY
Chad/KCØAFB
Randy/KCØCAU
Mark/NØFAZ
Guests: NONE

A. Approval of May 2022 Minutes: Motion by Bob/NØTC, second by Mark/NØFAZ to approve the May 2022 meeting minutes; motion carried.

B. Treasurer's Report: Dee/KBØCGK gave a detailed update of expenses and income since the last report. The checking account balance as of this meeting is \$1,953.10; the savings account balance as of this meeting is \$9,840.29. Motion by George/WØGX, second by Kay/NØNWY to accept the report; motion carried.

COMMITTEE REPORTS:

1. Technical: We received the Duplexer from Rich/WBØTML. Mike/KEØESG stated that he did a preliminary tune up on the duplexer. Needs to be checked by someone from technical committee.

Mike/KEØESG reported on HF antenna at Burleigh County Emergency Management EOC. When Mike/KEØESG went to extend antenna, would not extend due to damage. It was either damaged before or during installation.

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Removed from roof mount and brought to Mary Senger's attention of damage.

Last item from EOC is that there is an Ameritron amplifier (AL-80) at site. It is not needed there for normal operations.

Motion to remove it from EOC made by Bob/NØTC, seconded by George/WØGX. Motion passes.

2. Skywarn: Mark/NØFAZ and Mike/KEØESG went to NWS and checked out radios and inspected antennas from ground. Everything checked out ok. Need procedures for the tuner. We are allowed in the building now and can go to NWS if activated.

Club President Mike/KEØESG is looking for someone to take over as the Club Skywarn coordinator. If anyone is interested, please contact him or one of the Club officers.

3. VE Testing: Bob/NØTC reported that the new Technician tests, as of July 1, the new tests are to be used. He also discussed what FCC fees are required for upgrade, address changes, new licenses. Also discussed was the renewal of VE credentials.

4. Net Control: Mike/KEØESG gave report on Net Control on weekly check-ins. There are currently 5 Net Controllers and stated we could use a few more. (See NoiseLetter for details on check in numbers)

Old Business

1. Lewis and Clark on the Trail report. Mike/KEØESG reported that we had three club members activate for the event, George/WØGX, Kay/NØNWY, and Mike/KEØESG. The club had 1522 contacts with 147.13 hours of operation. Kay/NØNWY was given the Trail Blazer award for most FT-8 QSO'S. All Three were given Certificates of Recognition for participating. CDARC place 6th in overall contacts made. Minot KØAJW placed 1st in the event with 3134 contacts made. As the State of North Dakota, we place 1st in event for number of contacts. CDARC as a club made contacts with nine states.

3. Field Day report: Trailers were moved to location on Friday morning by Bob/NØTC and Mike/KEØESG. Setup began around 9am on Saturday. Mike/KEØESG brought his mobile tower to site on Saturday morning. The G5RV antenna was used instead of the Mosely beam due to the high winds during setup and predicted for the entire weekend. Antenna

was able to tune up on all bands with FT-1000 except upper 80 meter band. A manual tuner was setup for those frequencies. Mike/KEØESG brought his FT-991a and computer setup for Digital modes.

We began operation at 1pm on Saturday. We made 423 contacts on several bands and modes. 312 SSB, 112 FT8. We contacted all 50 states, missed 3 for complete sweep of all districts. Missed Virgin Island, Manitoba, and Newfoundland. 12 operators during event. 21.5 hours of operation, averaging 19.67 contacts per hour or 1 contact for every 3 minutes of operation. Lorne/NØCYK provided movie "LOVE AND MONSTERS". Teardown was completed around 2pm. Chad/KCØAFB, Bob/NØTC and Mike/KEØESG returned trailers to impound lot.

4. Club Picnic: August 23rd, 2022, Missouri Slope Model Aero Club facility at the McDowell Dam Recreation Area. More to come in meeting in July.

5. Jamboree on the Air. October 15th Setup at 9am at Tom Ø'leary warming house. Mike/KEØESG will bring his mobile tower. We should not need to bring trailers to event as we can use a dipole for the event. Equipment will be inside the building for JOTA. Will be there until around 3pm. We should do some promotion of the event.

6. Workshops or Projects at BSC: This is for the Fall of 2022 or early spring 2023. Dipole was suggested as a workshop. Balun construction was also suggested. We could have a demonstration of different modes of operations. Demonstrations also could be on different software to use. 12 operators during event. 21.5 hours of operation, averaging 19.67 contacts per hour or 1 contact for every 3 minutes of operation. Lorne/NØCYK provided movie "LOVE AND MONSTERS". Teardown was completed around 2pm. Chad/KCØAFB, Bob/NØTC and Mike/KEØESG returned trailers to impound lot.

NEW BUSINESS

1. 50/50 was not held at this meeting.

2. Announcements:

Peace Garden Hamfest is on July 9th.

3. Command Trailer Questions: Chad/KCØAFB asked about the command trailer and asked if we need to look at something smaller that is

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easier to tow. FEMA may have trailer for donation, State surplus may also have something available. Have Mary Senger keep us in mind if something comes available.

Motion to adjourn at 7:56 by Bob/NØTC, second by Mark/NØFAZ; motion carried.

Respectfully Submitted,
Mike/KEØESG

UPCOMING EVENTS

CDARC Monthly Club meeting:

Tuesday, July 26th, 2022, 7:00 pm, BSC Career Academy Rm 230.

CDARC Executive Committee meeting:

Tuesday, August 9th, 2022, No executive meeting this month due to no club meeting.

Annual CDARC Picnic: No Club Meeting

August 23rd, 2022, Missouri Slope Model Aero Club 9840 17th Ave NE, Bismarck ND

Red River ARC Hamfest:

September 24th, 2022, West Fargo ND

NET REPORTS

June Net Report

Sunday CWJ/VHF Net 146.850

Nets 4, # Check In's 37

Sunday 2Meter SSB Net 144.200

Nets 3, # Check In's 9

Sunday 6 Meter Net 50.125

Nets: 2, # Check In's:7

Net Controllers:

Bob/NØTC, Randy/KCØCAU, Mike/KEØESG,

Justin/KØJBM, Chad/KCØAFB

Activations: None

Reported by Mike/KEØESG

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 Interim,
Mike Holman, KEØESG

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>

(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.