



# Central Dakota Amateur Radio Club, WØZRT

## NOISELETTER



September 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 to everyone,  
it is the start of Hamfest season, and I hope you will be able to attend one or more of them. I will not be able to attend the RRRR Hamfest in West Fargo this year on September 24<sup>th</sup> or the Hamfest in Garrison on October 1<sup>st</sup>. I will miss the events and the friendships that I have made there being involved in amateur radio. I will be at the Hamfest in Bismarck in February.

I continue to tinker around my ham shack and assisting others with their antenna projects. I have also been enjoying making contacts on FT8.

I wish everyone a good day and hope to see you on September 27<sup>th</sup> for our club meeting

73!

Mike Holman, KEØESG  
President, CDARC

### September 27<sup>th</sup>, 2022, MEETING AGENDA

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

### COMMITTEE REPORTS:

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

### OLD BUSINESS:

1. Club Picnic
2. Projects at BSC planning
3. Girl Scout Big Event Demonstration Oct 1st
4. Jamboree on the Air Oct 15th.
5. Net Control.

### NEW BUSINESS:

1. HAMFEST 2023 at BSC Career Academy.
2. 50/50
3. Announcements

### July 26<sup>th</sup>, 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)  
Chad/KCØAFB (Secretary)  
Justin/KØJBM (Member at Large)  
Mark/NØFAZ  
Marc/NØSUU  
Rick/NØMBE  
Lorne/NØCYK  
Bruce/WØHS  
Warren/KFØDJJ  
Rich/WBØTML  
Guests: NONE

**A. Approval of June 2022 Minutes:** Motion by Lorne/NØCYK-, second by Warren/KFØDJJ--- to approve the June 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 \$953.10; the savings account balance as of this meeting is \$10,840.29. Motion by Mark NØSUU---, second by -Rick/NØMBE to accept the report; motion carried.

### Committee Reports

**1. Technical:** Mark/NØFAZ discussed going to St Anthony (85 Repeater) site to check status of remodel. He also brought up 43 repeater status. Mike/KEØESG stated that he and

## CDARC NOISELETTER - SEPTEMBER 2022

Randy/KC0CAU did a tune up on duplexer. 43 repeater is currently down and needs to be checked. A trip will be planned to check it out.

Mike/KE0ESG discussed the HF antenna on the EOC building status. Have been contacted by Electronic Communication on the antenna and they are working on a solution.

**2. Skywarn:** Mike/KE0ESG reported No activations. Mark/N0FAZ asked if it was strange that we have not been activated yet. Discussion ensued. Bruce/W0HS asked if when activated, will we be using the 85 repeater. The 85 repeater will be the repeater for Skywarn. Mark/N0FAZ suggested we test the pagers on a Friday morning. Mark/N0FAZ stated he will look at an activation of the pagers. Mike/KE0ESG state he would find a manual for the pagers and upload it to the website.

Club President Mike/KE0ESG 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/N0TC reported that FCC database has a problem with Apple IOS systems. Use a windows pc to access the database until fixed. The new Technician tests, as of July 1, the new tests are to be used. If anyone took the technician exam before March 2, 1987, they are eligible for the General License. They will not need to test, only complete the paperwork. 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/KE0ESG 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. Workshops or Projects at BSC:** a Dipole antenna project was selected for one of the fall workshops. Also, a demonstration on digital modes is selected for an additional workshop. Mark/N0FAZ suggested a Yagi antenna as another winter workshop. Chad/KC0AFB suggested a G5RV antenna in workshop.

**2. Field Day Report:** Mike/KE0ESG gave a report on how we did on field day. Last year we had 301 SSB voice QSO's with 24 participants and received a score of 852 with bonuses.

This year we had 311 SSB voice QSO's and 109 FT8 digital QSO's for a total score with bonuses of 1,328. This is a good increase from last year.

We did get all 50 states, missed Virgin Islands, Manitoba, and Newfoundland Randy/KC0CAU compiled data and submitted it to ARRL

**3. Club Picnic:** August 23rd, 2022, @ 6pm Missouri Slope Model Aero Club facility at the McDowell Dam Recreation Area. Bring your own food, soda and water will be provided. Bob/N0TC will bring VE testing for those who want to test. Mike/KE0ESG will bring his Fox for a hunt.

**4. Jamboree on the Air.** October 15<sup>th</sup> Setup at 9am at Tom O'leary warming house. Mike/KE0ESG 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.

### New Business

**1. Girl Scout Big Event Day:** October 1<sup>st</sup>, 2022. Mike/KE0ESG stated that he was contacted by Nicole Gustafson about participating in the Girl Scout Think Day event on October 1<sup>st</sup>. We can setup a radio station at Career Academy to demonstrate making contacts with other stations around the country/world. Mike/KE0ESG will create a QSO cards for each event.

Motion to participate in the event by Warren/KF0DJJ seconded by Rich/WB0TML. Motion passed. We will give a short presentation on the value of community service.

**2. Bruce/W0HS reported** that a BX Rohn tower is available for purchase from Bullinger Tree Service. Price is \$300. 7 sections - 56 feet tall. Section 1 has some corrosion. Pictures are available if you are interested. Contact either Bruce/W0HS or Mike/KE0ESG for details. There is also an antenna with one small section missing. Bruce/W0HS will send an email to Mike/KE0ESG to forward to club members

**3. Contacted by daughter of K6KL** about equipment of Bob Nelson/K6KL. Looking to sell equipment. Mike/KE0ESG will go to Hazen and look at equipment and help price it out. Also, will look at what it will take to remove tower.

## CDARC NOISELETTER - SEPTEMBER 2022

**4. 50/50:** Total in drawing is \$31. Drawing was made and Chad/KC0AFB won. Club received \$15, Chad/KC0AFB received \$16.

**5. Announcements:** Mike/KE0ESG gave announcements - No Executive meeting in August. TRARC in Dickinson August 14, Club Picnic August 23, September Executive meeting Tuesday September 13, September Club meeting will be on September 27<sup>th</sup>, West Fargo HAMFEST September 24<sup>th</sup>.

**6. Motion to adjourn** at 7:45pm by Bob/N0TC, second by Lorne/N0CYK; motion carried.

Respectfully Submitted,  
Mike/KE0ESG

### UPCOMING EVENTS

#### **RRRA Hamfest**

Saturday, September 24<sup>th</sup> 8:00am in West Fargo, ND

**September 2022 CDARC Monthly Meeting:** Tuesday, September 27<sup>th</sup>, 2022 7:00 pm, BSC Career Academy.

#### **Girl Scout Big Event Demonstration**

Saturday, Oct 1<sup>st</sup>, 1-4pm, BSC Career Academy

#### **Totten Trail Hamfest**

Saturday, October 1<sup>st</sup>, 8:00am in Garrison ND

#### **CDARC Executive Committee meeting:**

October 11th, 2022, 7:00 pm, Scheel's cafeteria, Bismarck ND.

#### **Boy Scout Jamboree on the Air**

Saturday, October 15, 9am-3pm, Tom O'Leary Warming House.

#### **October 2022 CDARC Monthly Meeting:**

October 25<sup>th</sup>, 2022, 7:00pm BSC Career Academy.

### NET REPORTS

#### **Sunday CWJ/VHF Net 146.850**

# Nets = 2  
# Check-Ins = 19  
Missing reports for 8/1 and 8/21

#### **Sunday 2 Meter SSB Net 144.200**

# Nets = 2  
# Check-Ins = 6  
Missing reports for 8/1 and 8/21

#### **Sunday 6 Meter Net 50.125**

# Nets: 1  
# Check-ins: = 3  
Missing reports for 8/1 and 8/21

#### **Net Controllers:**

Bob/N0TC  
Randy/KC0CAU  
Mike/KE0ESG  
Justin/K0JBM  
Chad/KC0AFB

Activations: Nothing to report

### 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- N0FAZ, 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, KE0ESG  
**Vice President:** Bob Tracy, N0TC  
**Secretary:** Chad Dahme, KC0AFB  
**Treasurer:** Dee Tracy, KB0CGK  
**Members at Large:** Justin Matteson, K0JBM  
George Marvin, W0GX

### COMMITTEES & COORDINATORS

**Newsletter** Mike Holman, KE0ESG  
Dee Tracy, KB0CGK

**Technical Committee** Mark Malm, N0FAZ  
Randy Tietz, KC0CAU  
Pete Fettig, KF0DL

**APRS Coordinator** Randy Tietz, KC0CAU

**SKYWARN** John Paul Martin, KB0YLU

**VE Testing** Bob Tracy, N0TC

**CDARC Information Officer** CDARC Executive Committee

**Web Administrators** Mike Holman, KE0ESG  
Quentin Schumacher, KD0WEB

**Net Control Coordinator** Interim, Mike Holman, KE0ESG

## **CDARC NOISELETTER - SEPTEMBER 2022**

**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 an 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.