



# Central Dakota Amateur Radio Club, WØZRT



## NOISELETTER

June 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 Club Members,  
I have finished installing 3 50-foot utility poles at my QTH. This is now a 160-meter loop antenna. It is a long wire in a loop square shape approximately 540 feet long. I will again be able to transmit on 160-meter.

Field Day 2022 is coming up on June 25<sup>th</sup> and 26<sup>th</sup>, and I look forward to seeing and/or hearing you on the air during field day. Setup will be on Saturday, June 25<sup>th</sup> @ 9:00am. (Lunch to follow setup) Sunday, June 26<sup>th</sup> around 12:00 pm (noon) will be tear down. All that can help with setup, tear down and radio operation is appreciated.

I Hope to see you at Field Day June 25<sup>th</sup> and 26<sup>th</sup>

73,

Mike Holman, KEØESG  
President, CDARC

### June 2022 MEETING AGENDA

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

#### COMMITTEE REPORTS:

1. Technical
2. Skywarn
3. VE Testing

4. Net Control

#### OLD BUSINESS:

1. Lewis & Clark Trail on the Air report
2. Field Day 2022
3. Club picnic
4. JOTA October 15, 2022

#### NEW BUSINESS:

1. Future Workshops
2. Announcements
3. 50/50 Drawing

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### May 24, 2022, MEETING MINUTES

Club President Mike/KEØESG brought the meeting to order at 7:02 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)  
Kay/NØNWY  
Rich/WBØTML  
Bruce/WØHS  
Mark /NOFAZ  
Bob/WBØSXC  
Rick/AG7GJ  
Melton/KEØAMS  
Randy/KCØCAU  
Lorne/NØCYK  
Bruce/K7MYH  
Artur/KD9QNO

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

**B. Treasurer's Report** - Dee/KBØCGK -  
Checking account balance as of May 24, 2022: \$1,857.10. Savings account balance as of May 24, 2022: \$9,840.14. Motion from Bruce/WØHS to approve, second by Rich/WBØTML motion carried

## CDARC NOISELETTER – June 2022

### **C. Guests - Artur/KD9QNO, Rick/AG7GJ Committee Reports**

1. **Technical** - Randy/KC0CAU reported on the Hanover Repeater that it had a blown AC fuse. Replaced and repeater now active again. He replaced the memory battery. He reported that it had a high desense on the duplexer. Rich/WB0TML will donate a new 2-meter duplexer to the club.

The equipment for the Burleigh County Emergency Management facility has been delivered. Mike/KE0ESG stated that he did a quick check on the VHF/UHF antenna, and it had a SWR of 1.1 to 1.3 across the band. He will work with Mary Senger, Technical Committee, and Bruce/W0HS to find a date to complete install of equipment. Mike/KE0ESG showed some pictures of the ice damage at 85 repeater site during April snow/ice storm. No known damage to our equipment currently.

2. **Skywarn** - Mike/KE0ESG reported that there was 30 people at the Skywarn training in April. Everyone thought the facility was great at the Burleigh County Emergency Management Facility. No additional information on NWS allowing people in facility if activated.

3. **VE Testing** - Bob/N0TC reported that 1 person tested before meeting and passed Technician test. Also, the manuals and tests for the Technician will be updated on July 1, 2022. Anyone studying for the Technician will have until then to take the test.

4. **Net Control** - Mike/KE0ESG gave report on Net Control on weekly checkins. There are currently 5 Net Controllers and we could use a few more. (see noiseletter for details on check in numbers)

### **Old Business**

1. **Lewis & Clack Trail on the Air (LCTOTA)** - Mike/KE0ESG gave a report of updates and some of the logistics. You can activate from any where in the state of North Dakota. You can operate from home location as well. To become an activator, go to the CDARCND.com website and click on link to Lewis and Clark Trail on the Air. There is a button to become an activator. When done with activation, send logs to Mike/KE0ESG. Logs can be paper or in ADIF format. If you have questions, contact Mike/KE0ESG

2. **Field Day** - June 25-26, 2022. Location at Tom O'Leary Golf Course Sledding Hill Warming House again. Trailers will be moved there on Friday Morning. Setup will begin at around 9:00am on Saturday. Radio operations will begin at 1800 UTC or 1:00pm CDT and can go until 2059 UTC or 5:59pm CDT Sunday. Tear down will begin sometime after 12:00pm CDT on Sunday. Food will be hot dogs and hamburgers. Mike/KE0ESG will purchase food for event. Water will also be available. Chad/KC0AFB will get the generator from Bob/N0TC. Mike/KE0ESG will provide his mobile tower for the event, and we will be using the Mosley beam, G5rv dipole, 6m dipole, and the 2m vertical antenna. Randy/KC0CAU will be bringing the logging computer and the FT-1000 radio. Mike/KE0ESG will be bringing his FT-991a with computer for digital modes.

3. **Club picnic** - this year's club picnic will be on August 23<sup>rd</sup> at the Missouri Slope Aero Club RC Airfield. Address is 9840 17<sup>th</sup> Ave NE, Bismarck ND. More information will be at next meeting.

### **NEW BUSINESS**

1. **Projects at BSC ideas** - Mike/KE0ESG asked club members to come up with some projects to do in the fall. He presented several ideas including Dipole antenna design and build, digital mode demonstrations, Yagi antenna design, 50/50 Drawing: \$33 in pool - \$17 won by Bob/WB0SXC; \$16 for the Club.

2. **Silent Key** - Gilbert Nordstrom K0TN. Motion to give \$50 to Bismarck Veterans Memorial Public Library by Dee/KB0CGK, seconded by Rich/WB0TML, Motion carried.

3. **Announcements** - Club President Mike/KE0ESG reported on upcoming Club meetings and events; this information is available on the website and in the current edition of the Noiseletter.

Motion to adjourn by Dee/KB0CGK, second by Lorne/N0CYK;  
Adjourned at 8:17pm  
Respectfully submitted,

Chad/KC0AFB  
CDARC Secretary

# CDARC NOISELETTER – June 2022

## UPCOMING EVENTS

### **ARRL Field Day-2022:**

June 25<sup>th</sup>-26<sup>th</sup>, 2022. Setup at 9:00 am Saturday at the Tom O'Leary Golf Course Warming House.

### **CDARC Monthly VE Testing:**

Tuesday, June 28<sup>th</sup>, 2022, 6:00 pm,  
Bismarck State College Career Academy  
Bismarck ND

### **CDARC Monthly Meeting:**

Tuesday, June 28<sup>th</sup>, 2022, 7:00 pm,  
Bismarck State College Career Academy  
Bismarck ND

### **Peace Garden International Hamfest:**

July 9<sup>th</sup>, 2022

### **CDARC Monthly VE Testing:**

Tuesday, June 28<sup>th</sup>, 2022, 6:00 pm,  
Bismarck State College Career Academy  
Bismarck ND

### **CDARC Monthly Meeting:**

Tuesday, June 28<sup>th</sup>, 2022, 7:00 pm,  
Bismarck State College Career Academy  
Bismarck ND

### **Annual CDARC Picnic:**

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

### **Red River ARC Hamfest:**

September 24<sup>th</sup>, 2022, West Fargo ND

## NET REPORTS

### **Sunday CWJ/VHF Net 146.850 (April 2022)**

# Nets: 3, # Checkins: 35

### **Sunday 2 Meter Net 144.200 (April 2022)**

# Nets: 3, # Checkins: 13

### **Sunday 6 Meter Net 50.125 (April 2022)**

# Nets: 1, # Checkins: 4

### **Net Controllers:**

Bob/N0TC, Randy/KC0CAU, Mike/KE0ESG,  
Justin/K0JBM, Chad/KC0AFB  
Activations: None  
Reported by Mike/KE0ESG

## 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 Fusion Repeater

224.200- N0FAZ, No PL  
444.200+ PL 103.5 Cross band repeat on  
52.525  
444.350+ PL 107.2, BSC Fusion Repeater  
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

## **CHECK OUT THE CDARC WEBSITE AND FACEBOOK PAGES:**

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

<https://www.facebook.com/cdarcnd/>

## 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.