



# Central Dakota Amateur Radio Club, WØZRT

## NOISELETTER

OCTOBER 2021



### 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,  
Fall is now in the air and we have finally had a few rains to help with the drought. I am busy with school and club activities at the college and now have the NØBSC club back up and running. It is good to have a few young students interested in the hobby of amateur radio.

On the 23<sup>rd</sup> of October I hope to see a few fellow hams at the workshop on building a J-pole 2m 300Ω twin lead. This will aid anyone who is using a handheld to improve transmission and reception. I have a few projects in the works as well. One is to finish a 40/80m dipole to take to Lake Metigoshe, the second is to complete the setup to make my home radio remote capable. I will be able to work the local repeaters when I travel. Look forward to seeing everyone at some event/meeting in the next month. 73!  
Mike Holman, KEØESG  
President, CDARC

### October 26<sup>th</sup>, 2021, MEETING AGENDA

- A. Approval of September 2021 meeting minutes.
- B. Treasurer's Report
- C. Guests

### COMMITTEE REPORTS:

1. Technical.
2. Skywarn - Coordinator position still open
3. VE Testing
4. Net Control

### OLD BUSINESS:

1. Projects at BSC report.
2. Net Control Coordinator still open.
3. HAMFEST 2022 at BSC Career Academy.
4. Lewis and Clark Trail - On the Air - June 4 - June 19<sup>th</sup>, 2022
5. Totten Trail Hamfest October 2<sup>nd</sup>, 2021
6. Jamboree on the Air October 16<sup>th</sup> 2021 report
7. Christmas Party planning

### NEW BUSINESS:

1. Missouri Slope Model Aero Club donation.
2. 50/50
3. Announcements

### September 28<sup>th</sup>, 2021 MEETING MINUTES

Mike/KEØESG called to order the regular meeting of the CDARC at 7:00 pm at the Bismarck State College Career Academy.

### Attendance

Mike/KEØESG (CDARC President)  
Bob/NØTC (CDARC Vice President)  
Dee/KBØCGK (CDARC Treasurer)  
Chad/KCØAFB (CDARC Secretary)  
Justin/KØJBM (Member at Large)  
Lorne/NØCYK  
Randy/KCØCAU  
Melton/KEØPMS  
Kay/NØNWY  
Rick/NØMBE  
Bob/WBØSXC  
Bruce/AEØGE

**Approval of June 2021 Minutes:** Motion by Lorne/NØCYK second by Rick/NØMBE to approve the July 2021 meeting minutes; motion carried

**Treasurers Report:** Dee/KBØCGK gave a detailed update of expenses and income since the last report. The checking account balance as of this meeting is \$188.42; the savings account balance as of this meeting is \$11,339.48. Motion to accept report by Randy/KCØCAU, second by Justin/KØJBM; motion carried.

**Guests:** None present

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### Committee Reports

1. Technical: Randy/KC0CAU reported that the 85 repeater is working good since the antenna/tower work has been done. The BIS8 digipeater may have been unplugged for some time but is working now. The digipeater at the Haystack site has been removed from service to be tested and has low modulation. Mike/KE0ESG reported that the Igate at BSC has been taken out of service due to no traffic being passed through it.
2. Skywarn: Club President Mike/KE0ESG is still looking for someone to take over as the club Skywarn coordinator. If anyone is interested, please contact him or one of the club officers. The NWS has cancelled Skywarn activities for 2021.
3. VE Testing: Mike/KE0ESG gave report for Bob/N0TC. FCC will not apply \$35 fee until 2022, the fee will be assessed by FCC. After candidate has passed exam, paid \$15, and paperwork and money is forwarded to ARRL VEC, the ARRL will enter data into database, FCC will then send an email to candidate with how to pay the \$35 FCC fee. Candidate will only have 10 days after email is sent to pay the FCC fee. When that fee is paid, the FCC will issue/send an email with license information.
4. Net Control: Mike/KE0ESG is currently the interim coordinator. Contact Mike if you are interested in assisting with being the new coordinator or helping with being a net control operator. [ke0esg@holmanonline.com](mailto:ke0esg@holmanonline.com)

### Old Business

1. Projects at BSC report: Lorne/N0CYK and Bob/WB0SXC gave an update on the "build a J-Pole antenna" project that will be held at BSC in room 224 on October 23<sup>rd</sup> at 10:00 am. The antenna will be built with a BNC connector to connector to a portable radio. If your radio has a different connector you will need to find an adapter that works for you. Materials for the project have been donated so there will be no cost to participate. There is a sign up form on the club's webpage. If anyone has ideas for future build projects or something, they want to learn more about bring

those ideas to a future meeting to share.

2. Club Picnic: about fifteen people attended the picnic on Aug. 24<sup>th</sup>. Rick/N0MBE and George/W0GX won the fox hunting contest. Mike KE0ESG had his drone there and did some flying to demonstrate the capabilities of that type of aircraft.
3. W0BIS Trustee and License: Jim Fors has agreed to remain the trustee and the license has been renewed.
4. Net Control Coordinator: Mike/KE0ESG will continue to help until a replacement coordinator is available.
5. Hamfest 2022: Lorne/N0CYK will chair the Hamfest committee assisted by Mike/KE0ESG
6. Dakota Carrier Network (DCN) has a coax from the roof to a wall plate installed for our use at the emergency operations center. All the equipment from the old location is currently stored at Mike/KE0ESG's home.

### New Business

1. Lewis and Clark Trail - On the Air - June 4<sup>th</sup> through June 19<sup>th</sup>, 2022: There is an event next summer along the Lewis and Clark Trail. Operators are encouraged to become involved for this special event, to participate you must be along the original exploration route. More details and planning will happen in the coming months.
2. Jamboree on the Air: Motion by Rick/N0MBE and second by Randy/KC0CAU to support the Boy Scouts with the Jamboree on the Air with club equipment. Motion passed. The event will be held October 16<sup>th</sup> at the warming house at Tom O'Leary sledding hill.
3. Christmas Party: Justin/K0JBM will investigate options for meeting/eating places. At this time the north Pizza Ranch is the being checked into.
4. 50/50 Raffle: Mike/KE0ESG drew for the winner, Chad/KC0AFB was the winner of \$11 cash. \$10 went to club.
5. Announcements: The Totten Trail/Garrison Hamfest will be held on October 2<sup>nd</sup>. The

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Minot 97 repeater now has an access tone of 77 Hz.

Loren/NØCYK made a motion to adjourn, second by Rick/NØMBE.

Minutes submitted by: Chad Dahme/KCØAFB

### UPCOMING EVENTS

**October 16<sup>th</sup>, 2021 CDARC Jamboree on the Air**  
9:00am Tom O'Leary Golf Course Sledding Hill Warming House.

**October 23<sup>rd</sup>, 2021 CDARC J-Pole Antenna workshop**  
10:00am BSC Career Academy, room t224

**October 2021 CDARC Monthly Meeting:**  
October 26<sup>th</sup>, 2021, 7:00pm BSC Career Academy.

**CDARC Executive Committee meeting:**  
November 9th, 2021, 7:00 pm, Scheel's cafeteria, Bismarck ND.

### **Hamfest 2022**

February 26<sup>th</sup>, 2022, 8:00am  
Bismarck State College Career Academy.

### NET REPORTS

September report

**Sunday CWJ/VHF Net 146.850**

# Nets = 4

# Check-Ins = 39

**Sunday 2 Meter SSB Net 144.200**

# Nets = 3

# Check-Ins = 11

**Sunday 6 Meter Net 50.125**

# Nets: = 3

# Check-ins: = 9

Net Controllers:

Bob/NØTC

Randy/KCØCAU

Mike/KEØESG

Justin/KØJBM

Anyone interested in being a Net Controller, please contact Mike/KEØESG

[KEØESG@holmanonline.com](mailto:KEØESG@holmanonline.com)

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- 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

**CDARC Information Officer**

CDARC Executive Committee

**Web Administrators**

Mike Holman, KEØESG

Quentin Schumacher, KDØWEB

**Net Control Coordinator**

Interim, Mike Holman, KEØESG

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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.

### For Sale

Matt Schwarz

has for sale the following CUA44 Aluminum Tower (Heights Manufacturing Co), including #1822 Hinged Base, 2 inch x 16 ft aluminum mast, and (2) RS 11 Rotor Shelf. (Have documents), purchased in 1976. Tower is capable of handling approximately 3.5 more sq.ft. (30 lbs. rating 100 MPH). Retracted height is 26 ft... Extended with mast I believe to be 50 ft antenna height.

(1) HAM IV Rotator System (Have documents)

(1) Mosley Four Element Antenna TA-34-XL (have documents)

(1) Drake Theta 7000E Microprocessor Controlled communications terminal including Drake TR-930 Video Monitor (with Operators Manual)

(1) Drake SP75 Speech Processor (with Operators Manual)  
Mathew C. Schwarz (Matt)  
701-471-3197 (Cell)

Dean / NOND has for sale

HF Triband beams for sale: excess needs

Mosley TA33 10-15-20 Meters  
3 Element, used, works well  
\$300 or best offer

Mosley CL36 / TA-36  
used, never put up  
10-15-20 meters  
4 elements on 10  
3 elements on 15-20  
2 inch boom / 24 foot boom length  
\$500 or best offer

Dean , NOND

[nond@arrl.net](mailto:nond@arrl.net) or 701-226-8722