

January 2023  
Vol VI Issue 1

# News Beacon

## Medina County Amateur Radio Club

### Editor's Preface

*"I prefer winter and fall, when you feel the bone structure of the landscape - the loneliness of it, the dead feeling of winter. Something waits beneath it, the whole story doesn't show."*  
Andrew Wyeth

Anticipation! Hope! Imagination! All quietly incubating under the snow, ready to emerge as fully developed ideas in the spring. Winter and the New Year bring us pause—a calmness in which to devise a plan of action to execute when inclement weather subsides.

We can enjoy perusing electronics catalogs, designing shack upgrades, engineering new antennas. Dream big.

Or, live in the moment and spend the wintery days at the radio, fishing for exotic contacts with DXpeditions (see page 2), ragchewing with friends, contacting special event stations, logging in to nets, trying new modes.

73, and Warm Wishes for a Happy, Healthy and Rewarding New Year!

Jane@K8JGR.radio

### Medina County Career Center (JVS) Entrance

The **rear** entrance to the JVS is locked at 6:30pm, so on MCARC meeting nights we will have a member stationed at the door until 7:05pm. Remember that our in-person meetings now start at 7:00pm.

Be sure to arrive on time or you will have to enter through the **front** door and will have to provide personal computer input at the entrance kiosk in order to be allowed to enter.



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#### Hmmmmmm...

*I finally managed to get rid of that nasty electrical charge I've been carrying.*

*I'm ex-static!*

## Crozet Island DXpedition, by Prez, Ed K8NVR

DXpeditions to rare DXCC entities are of great interest to the DXing community. There are several entities that have had no amateur activity in over twenty years, and a few even longer than that. The reasons vary from financial cost, location, government policies, and environmental policies.

Two countries, North Korea (P5) and Turkmenistan in central Asia, do not currently allow Amateur Radio operation. Many islands in the Pacific and Indian Ocean are off limits because of environmental concerns. These islands are wildlife sanctuaries and it takes several years to obtain permits, if permits can be obtained at all. Another cause of reduced expedition activity is the Covid pandemic.

This winter however, two of the most rare locations will be active.

The first, **Crozet Island**, is located a little less than 1600 miles southeast of South Africa and 650 miles north of Antarctica in the southern Indian Ocean. It was activated on December 24th, using call sign FT8WW. The last Amateur activity from Crozet was a very limited operation in 2009. The current operation is also limited to one operator and one antenna structure due to environmental rules. The operator will be on the island until mid-March but is only allowed to operate HF until January 14, using an antenna system similar to our Field Day setup. It took years to plan this expedition and to obtain the proper permits. This may be our only opportunity to work this rare DXCC entity for the next several years.

The operator's plan is to work mainly FT8 on three bands, 30m, 20m, and 17m. The best path so far for North America is on 30 meters between 0000z and 0330z. He is using FT8 MSHV, not Fox/Hound mode, on 10.131 MHz and 14.085 MHz so far. Do not use Fox/Hound mode. He is using multiple streams and will answer calls from stations using normal FT8 mode. You can call him on any portion of the 3KHz FT8 window except on his streams. There is much confusion so far since many operators are not familiar with MSHV mode. Their web address <http://crozet2022.r-e-f.org/>.

The other rare location to be activated is **Bouvet Island**, which should begin operation around January 23, 2023. It will be a twelve man crew and they plan to activate 160m through 6m for around three weeks. I will cover that expedition in detail next month.



# December In-Person General Meeting Minutes

The December 2022 General Meeting, was held December 12th, in-person at the Medina County Career Center (JVS). The meeting was called to order by President, Ed K8NVR and the Pledge of Allegiance was recited at 7:04 pm. The following (11) paid members were present so quorum (9) was reached.

Steve KE8BJD	James KD8FHY	Ken K8TV	Ed K8NVR
Diane KD8SSX	Bob K8MD	Toby WT8O	John K8JEK
Rick KE8CSW	Dave KE8APO	Jane K8JGR	

**Secretary’s report:** Minutes of previous meeting were accepted with no corrections.

**Treasurer’s report** for November was read by Toby WT8O. Motion to approve: Diane KD8SSX, Second by John K8JEK. Approved.

**President’s Report:** Ed (8NVR reminded members that annual dues of \$15 are now being collected by Diane KD8SSX, membership chair. No further update on membership.

**ARES:** Bob K8MD advised that the Medina EMA recently received a grant that will be used to construct a new radio tower near the new EMA headquarters near Chippewa Lake. Bob stated that any knowledge or experience with towers would be welcomed. \* Stan Broadway, Ohio SEC, has recently resigned. \* There are currently no ARES events scheduled at this time. \* ARES/Cert Team members are currently support the Feeding Medina food distribution with traffic control. \* A discussion ensued regarding the overall need for additional operators for MARS and SHARES (shared high frequency resources), requiring minimum hour requirements. \* Skywarn training will be likely in the spring. The typical focus of the training is to define what weather data should be reported to NWS.

**Newsletter:** Editor, Jane K8JGR, reminded members to continue to submit articles and photographs.

**Repeaters:** : Ed has swapped out the controller and is working on updating the removed controller. He has repaired the exciter and is still troubleshooting the hum problem at the main site. Feedback is that the new 220 repeater is working fine.

**Meetings:** Ed stated that meeting attendance has been light recently and we may opt for on-air or skip meetings if there is inclement weather. The communication plan for this will likely be through the Google Groups email and radio announcement. This plan will be published in an upcoming newsletter.

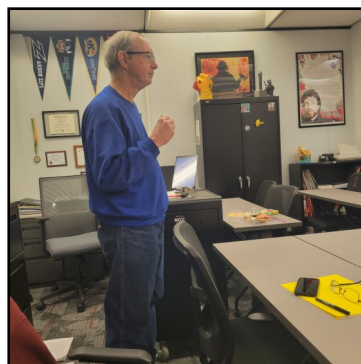
**Field Day:** Ray K2RWO has reserved the Valley City site for 2023.

**Member Projects:** Steve KE8BJD has received and is setting up his new battery backup system; Ed K8NVR described and showed his new \$50 VFO tone generator.

**Net Control:** Schedule for 2023 is in works. Contact Baji K8IIT for available slots.

**Awards:** Jane K8JGR announced that the Trustees have decided to periodically give “surprise awards.” A Certificate of Achievement and \$25 went to both Diane KD8SSX and John K8JEK who had 100% attendance at in-person and on-air meetings for the past 12 months. Congratulations!

**Meeting Adjourned:** Meeting was adjourned at 8:30pm followed by a technical presentation and demonstration by Ken K8TV on the magic of RF.



## Club Meetings

The Medina County Amateur Radio Club will be cautiously holding in-person meetings on the second Monday of each month while the threat of Coronavirus is under control.

In January the MCARC General Meeting will be held at the **Medina County Career Center (JVS) Room 246** at 7:00pm.

Medina County Career Center, aka: JVS is located at:  
1101 W Liberty Street, Medina, Ohio 44256

## Member Birthdays

John Scher	01/11
Jane Reed K8JGR	01/11
Brad Gilliam KE8EFQ	01/30

## MCARC Calendar

<b>January 02</b>	7:30pm Monday Night 2M Net
<b>January 09</b>	<b>7:00pm IN-PERSON MEETING at Career Center</b> <b>NOTE TIME CHANGE</b> (see pg 5)
<b>January 16</b>	7:30pm Monday Night 2M Net
<b>January 23</b>	7:30pm Monday Night 2M Net
<b>January 30</b>	7:30pm Monday Night 2M Net

## ARRL Ohio Hamfests

**01/15/2023** - Sunday Creek Amateur Radio Federation Hamfest  
Location: Shade, OH  
Sponsor: Sunday Creek Amateur Radio Federation  
Website: QRZ KC8AAV

## January ARRL Contests

01/01	Straight Key Night
01/07	Kids Day
01/07-08	RTTY Roundup
01/21-23	January VHF

## Saturday 8am Breakfast

Join the members who are early risers at the **Cracked Egg Restaurant** at 1475 Pearl Rd in Brunswick, opposite the Middle school, Saturdays at 8am.



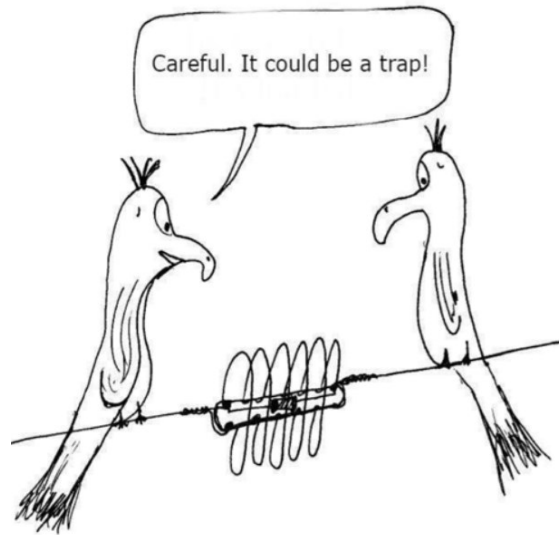
## Dits and Dahs

- **NOTE TIME CHANGE— Meetings now start at 7pm**  
Come join us at our January 9th Annual Meeting at the Medina County Career Center, Room 246, at **7:00pm**.
- **Diane KD8SSX**, reminds us that dues for 2023 can be paid to her at a meeting or mailed to Diane Snider, 8311 Norwalk Road, Litchfield, Ohio 44253. Make checks payable to the Medina Two Meter Group Inc. Dues are \$15.00 for regular membership, \$22.50 for family membership which allows one vote, and \$150.00 for life membership. Get a start on 2023 by paying your dues!
- The **Cuyahoga Falls Amateur Radio Club** will again offer online classes to pass the FCC **General Class Exam**. The classes will be held via Zoom on six Sunday afternoons from 1:30 to 4:00 PM. The first class will start on Jan 15th. The classes are free and available to all interested hams with Tech licenses or studying to complete their Tech license by the end of the classes. Class materials will be distributed via Google Classroom, and the suggested book is *“General License Course Study Guide”* (2019-2023 edition), available from HamRadioSchool.com for \$22.95. For more information and to register for the class, see [tiny.cc/cfarcgeneral](http://tiny.cc/cfarcgeneral).
- Toby WT80 informs us that **Ed K8NVR** accomplished one of the premier “Clean Sweep” achievements in Ham Radio contesting by working all 84 ARRL/RAC sections in the 2022 November Sweepstakes contest! Ed did it with 100 Watts on his Yaesu FTDX 5000 transceiver, utilizing his Tennadyne T8 log-periodic antenna, 80-meter dipole, and 40-meter vertical antennas. Toby said, “Most of us who have worked the Sweepstakes appreciate the difficulty in attaining all 84 sections, as well as the agony of missing the “Clean Sweep” by one or two sections. The grueling contest lasts 30 hours, allowing each station to work 24 hours with its complicated exchange.” Congratulations!
- The Trustees have decided to periodically give “surprise awards.” During our December 12th General meeting a Certificate of Achievement and \$25 went to both **Diane KD8SSX** and **John K8JEK** who had 100% attendance at MCARC in-person and on-air meetings for the past 12 months. Congratulations!
- It was so cool for some members to introduce their **grandkids** during our last-of-the-year 2-meter Net on December 26th. John K8JEK’s granddaughter Jillian, Baji K8IIT’s granddaughter Evelyn, and Jane K8JGR’s granddaughter Camille and grandson Michael all said “hello” to the on-air group! Can Technician licenses be far behind?
- Dave KE8APO brings to our attention a **Catholic net** called the Saint Maximilian Kolbe Radio Net that meets on 3814 kHz Sundays at 2400Z (8pm EDT), 14,341 kHz Sundays at 2200Z (5pm CDT), and TGIF DMR Network Talk Group 3814 kHz Sundays immediately after the 75 Meter Net. More info at <http://www.saintmaxnet.org/>





## Hamatuer Antix



*MCARC will be holding Technical Sessions during most of our in-person General Meetings on the 2nd Monday of each month. Since we are in need of a Program Chair, PLEASE CONSIDER VOLUNTEERING FOR THIS POSITION. Our Club is only as terrific as YOU make it!*

## January 9th General Meeting

**NOTE TIME CHANGE— Meeting will start at 7pm**

Come join us at our **January 9th General Meeting** at the **Medina County Career Center (JVS), Room 246, at 7:00pm**, located at: 1101 W Liberty Street, Medina, Ohio 44256. Note that the classroom has been remodeled and now has comfortable chairs and tables!

The Ed K8NVR will present the **Technical Session** about the Construction and Operation of the Trans-Atlantic Cable. Before there was radio, electronic communications between North America & Europe was still possible via a 3,000 mile under-water cable system. The huge engineering project was completed at great cost in the latter half of the nineteenth century, linking both continents by wired communications. After completion, message time between continents was reduced from weeks to hours. Message transmission was via slow speed Morse Code, and its use was limited only to those who could afford the system's high cost.



## Rep. Bill Johnson Introduces Bill to Eliminate Private Land Use Restrictions on Amateur Radio

**Congressman Bill Johnson (OH-6) introduced a bill in the U.S. House of Representatives (H.R.9670)** on Thursday, December 22, 2022, to eliminate private land use restrictions that prohibit, restrict, or impair the ability of an Amateur Radio operator from operating and installing amateur station antennas on property subject to the control of the Amateur Radio operator.

The exponential growth of communities subject to private land use restrictions that prohibit both the operation of Amateur Radio and the installation of amateur station antennas has significantly restricted the growth of the Amateur Radio Service. These restrictions are pervasive in private common interest residential communities such as single-family subdivisions, condominiums, cooperatives, gated communities, master-planned communities, planned unit developments, and communities governed by community associations. The restrictions have particularly impacted the ability of Amateur Radio to fulfill its statutorily mandated duty of serving as a voluntary noncommercial emergency communications service.

Congress in 1996 directed the Federal Communications Commission (FCC) to promulgate regulations (Public Law 104–104, title II, section 207, 110 Stat. 114; 47 U.S.C. 303 note) that have preempted all private land use restrictions applicable to exterior communications facilities that impair the ability of citizens to receive television broadcast signals, direct broadcast satellite services, or multichannel multipoint distribution services, or to transmit and receive wireless internet services. ARRL attempts to obtain similar relief for Amateur Radio were rejected by the FCC with a statement such relief would have to come from Congress.

ARRL Legislative Advocacy Committee Chairman John Robert Stratton, N5AUS, noted that Congress, in 1994 by Joint Resolution, S.J.Res.90/H.J.Res.199, declared that regulations at all levels of government should facilitate and encourage the effective operation of Amateur Radio from residences as a public benefit. He continued by stating that “H.R.9670, the Amateur Radio Emergency Preparedness Act, is intended to fulfill that mandate and preserve the ability of Amateur Radio Operators to continue to serve as a key component of American critical communications infrastructure.” ARRL President Rick Roderick, K5UR, and Mr. Stratton both extended on behalf of the ARRL, its Members, and the Amateur Radio community their thanks and appreciation for the leadership of Rep. Johnson in his tireless efforts to support and protect the rights of all Amateur Radio operators.

*ARRL 12/23/2022*

*Thank you to John K8JEK for this newsletter submission*

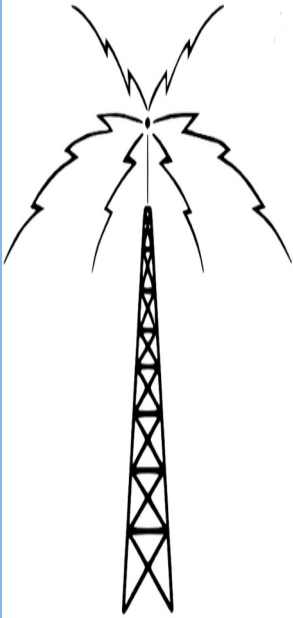
## 2022 MCARC Field day Results

Fred K8FH let us know the 2022 Field Day results came out, “W8HN came in at #8 out of 73 entries in the 5a category. Not too bad. We had a lot of participation. We had nearly 40 participants/attendees.”

NF80, W0AHA, K8JVR, KD8SST, KE8BKI, WA8KGV, W8UQZ, W8TWL, N8JNX, KD8ZEI, KD8FHY, K8JGR, WA8DBP, AI8Y, KD8UJG, K2RWO, N8FRJ, K8TV, KD8SSX, K1EDW, WT8O, K8NVR, K2KSU, K8IIT, K8FH, KD8GGM, WZ8G, K8MD, K8JEK, Eric Fousek, Elva Michel, Mary Kollar, Leslie Kollar, Ben Nau, Dave McGurk, Scott Kriska, Sean Lackey, and, Aiden Haggard all joined MCARC’s 2022 Field Day at Mill Stream Park in Valley City.



## MCARC Repeaters



Call	Location	Function	Repeater Input	Repeater Out	CTCSS (PL)	Band
W8EOC	<b>Medina (Main Site)</b>	Repeater TX & RX	147.630	147.030	141.3 One Beep	2 Meter
W8EOC	<b>Brunswick (North)</b>	Receive only	147.630	From Main Site	131.8 Two Beeps	2 Meter
W8EOC	<b>Lafayette (South)</b>	Receive only	147.630	From Main Site	88.5 Three Beeps	2 Meter
W8EOC	<b>Lafayette (South)</b>	Split Site Repeater	51.160	51.660	N/A	6 Meter
	<b>Brunswick Hills</b>					
W8HN	<b>Medina Main Site)</b>	Digital C4FM TX & RX Repeater	147.885	147.285	(0)	2 Meter
		Analog TX & RX Repeater	147.885	147.285	(110.9)	2 Meter
W8EOC	<b>Medina (Main Site)</b>	Repeater TX & RX	223.260	224.860	-	1.25 Meter
W8EOC	<b>Lafayette (South)</b>	Repeater TX & RX	449.925	444.925	131.8	70 CM

*TRAVELING? Check out <https://repeaterbook.com/> for a free, worldwide repeater reference. It supports GMRS as well.*

### 2-Meter Net

Remember to join us on the 2-Meter Net on 147.030 Monday evenings at 7:30pm except for 2nd Monday of each month when we have our **In-person** meetings. **On-Air** meetings will be held on those dates when Covid chases us to the airwaves. You do not have to be a member of MCARC to participate.

## MCARC Monday Night 2-Meter Net Control

02-Jan-2023	K8NVR	09-Jan-2023	<i>Meeting</i>
16-Jan-2023	K2KSU	23-Jan-2023	
30-Jan-2023		06-Feb-2023	K8NVR

Contact Baji K8IIT, [ohiobaji@gmail.com](mailto:ohiobaji@gmail.com), if you would like to serve as NCO.

NCO openings can be found at:

<https://b.link/2023-nco>



## MCARC Membership

Please become a member or renew your **Medina County Amateur Radio Club** membership. Dues are our primary source of income and are used to pay for the administrative costs of liability insurance, website domain registration fees, web hosting for [www.W8EOC.org](http://www.W8EOC.org)., maintenance costs of repeater and towers along with passing on fun perks to you, our members. Our new/renewal Membership Form and information can be found on our website <http://w8eoc.org/membership>.

### ARRL Membership

Consider paying your dues for **ARRL membership** through our club Membership Chair, Diane KD8SSX. MCARC will retain \$15.00 for each NEW membership and \$2.00 for each renewal. A copy of the ARRL Membership Application/Renewal form can be obtained from Diane. Email her at [d.snider@frontier.com](mailto:d.snider@frontier.com).

*Please consider volunteering. We really would enjoy seeing fresh faces and hearing new ideas to keep the MCARC relevant and viable in 2022. Do you like designing or maintaining websites, organizing speakers for technical sessions, writing for the newsletter or teaching members new skills? Please let Jane K8JGR know. Thank you.*

## Who's Who

**President:**

Ed Eyerdom K8NVR  
[eeyerdom@gmail.com](mailto:eeyerdom@gmail.com)

**VP:** Jane Reed K8JGR  
[jane@K8JGR.radio](mailto:jane@K8JGR.radio)

**Treasurer:**  
Toby Kolman WT8O

**Secretary:**  
Dave Swancer KE8APO

**W8EOC Repeaters:**  
Ed Eyerdom K8NVR  
Ken Koyan K8TV

**Trustees:**

Doug McClure KD8SST  
Dave Oravec N8JNX  
Ray Orobona K2RWO  
Amy Panchumarti K2KSU  
Steven Stein KE8BJD

**Sunshine:**  
Diane Snider KD8SSX

**Newsletter:**  
Jane Reed K8JGR

**Field Day:**  
Fred Helwig K8FH

**Membership:**  
Diane Snider KD8SSX

**Websites:**

Jane Reed K8JGR

**Net Scheduling:**  
Baji Panchumarti K8IIT

**Social Events:**  
Gail Helwig KD8GGM

**Skywarn:**  
Tracey Liston W8TWL

**ARES:**  
Bob Mueller K8MD

**RACES:**  
Dave Rickon NF8O

**Program:**  
Open



MCARC on the World Wide Web

**www.W8EOC.org**

Also,  
"Like Us" on **Facebook**

[www.facebook.com/  
MedinaCountyAmateur  
RadioClub](http://www.facebook.com/MedinaCountyAmateurRadioClub)

Also,  
Check out our **YouTube  
Channel for Medina County  
Amateur Radio Club**  
Technical Session Videos

## About Our Organization

The Medina Two Meter Group (M2M) Inc. DBA: the **Medina County Amateur Radio Club** is a nonprofit, ARRL Special Service registered, amateur radio organization based in Medina County, Ohio dedicated to communication, public service, education and fellowship.

Many of our members are also involved with Skywarn, ARES, RACES, and assist with community events such as bicycle and foot races.

We usually meet on the second Monday of each month at either the Medina County Senior Center (Sr) or the Medina County Career (JVS) Center.



Medina Two Meter Group (M2M) Inc.  
DBA:  
**Medina County Amateur Radio Club**  
  
1254 Hadcock Road  
Brunswick, Ohio 44212  
  
Admin@W8EOC.org

PLEASE  
PLACE  
STAMP  
HERE

TO: