



# THE SCOPE



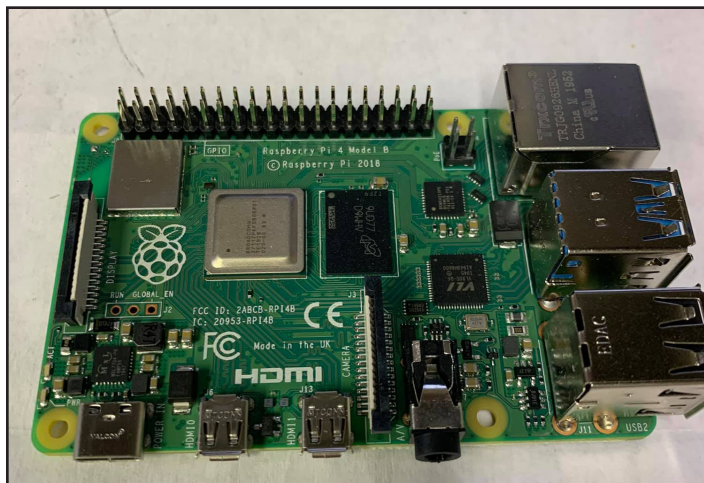
The Central Michigan Amateur Radio Club and Lansing Civil Defense Repeater Association

VOLUME 21, ISSUE 1

JANUARY 2021

CENTRALMIARC.COM

## New CMARC Technical Net 145.390 PL 100.0 Hz



Please join Gordy Smith, KE8JKS on the first and fourth Monday of each month at 7:00 pm. The first net begins on January 25. We will begin with an overview of the Raspberry Pi and then explore how it can be used with Ham Radio.

**If this sounds interesting to you, we hope you will consider joining us.**



The Amateur Radio Public Service Corp (ARPS) holds a Training Net at 7 pm on the second Monday of each month on the same repeater.

**We encourage you to join this net as well.**

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## **CMARC OFFICERS**

**PRESIDENT:** Gordy Smith / KE8JKS  
**VICE PRESIDENT:** Dan Dembinski / KD8YDE  
**TREASURER:** Shannon Ranes / WA2NVK  
**SECRETARY:** Dave Vick / W8ZZX  
**UNDER 22 DIRECTOR:** Don McLain / KB8RAD  
**DIRECTOR:** Kelly Fitzgerald / N9PC  
**DIRECTOR:** Gregg Mulder / WB8LZG

## **CMARC APPOINTEES**

### **MEMBERSHIP CHAIR:**

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**CARDS & FLOWERS:** Jane Hosford / KC8FSK

**CLUB CONTACT:** Don McLain / KB8RAD

**CLUB HISTORIAN:** William Cote / WD8NYW

### **ANTENNA PROJECTS CHAIRMAN:**

Gregg Mulder / WB8LZG

### **LANSING ARPSC LIAISON:**

Jim Hannahs / KC8QWH

**SCOPE EDITOR, QSL/AWARDS MANAGER,**

### **CLUB STATION MANAGER:**

Chris Ranes / NS8Q

### **CLUB PHOTOGRAPHER:**

Kenneth Hazlett / N8BVV

**W8PLP TRUSTEE:** Chris Ranes / NS8Q

**W8MAA TRUSTEE:** Dan Harger / WD8BCS



## **LCDRA OFFICERS & APPOINTEES**

**PRESIDENT:** John Imeson / N8JI

**VICE PRESIDENT:** Don Tilliston / WB8NUS

**SECRETARY:** Ron Harger / WD8BCS

### **TREASURER, MEMBERSHIP CHAIR:**

Michael Boensch / W8MKB

**DIRECTOR:** Dan Beuchert / WX8MOJ

**DIRECTOR:** Don McLain / KB8RAD

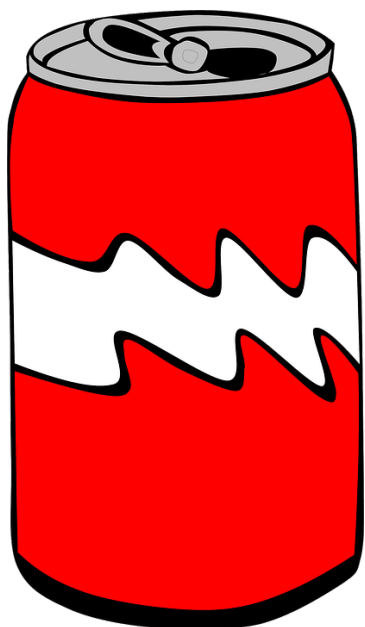
**REPEATER TRUSTEE:** Dennis Boone / KB8ZQZ

The Scope is a bi-monthly joint publication of the Central Michigan Amateur Radio Club and the Lansing Civil Defense Repeater Association.

Please send any articles, classified ads, or other items to the Editor, Chris Ranes, NS8Q at [cmarscope@gmail.com](mailto:cmarscope@gmail.com). Pictures should be mailed in .jpeg format, and articles in Microsoft Word or TXT format.

The views and opinions expressed by our contributing authors do not necessarily reflect the views of the Central Michigan Amateur Radio Club or the Lansing Civil Defense Repeater Association.

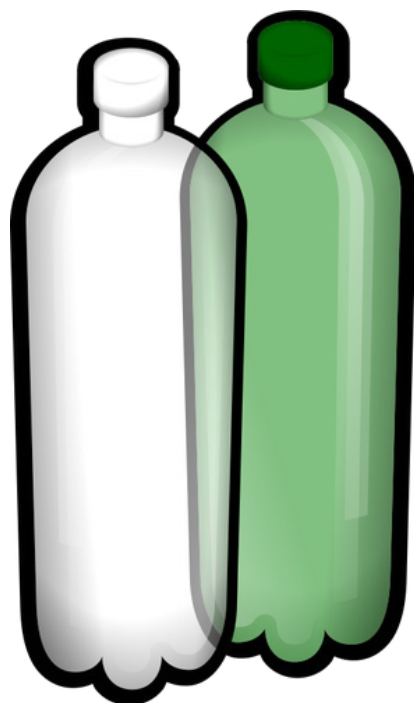
# Central Michigan Amateur Radio Club's



## CAN & BOTTLE DRIVE

An effort is underway to raise money for CMARC's Building Fund. The Building Fund has been designated by the Board to be used for the purpose of moving our club house / club station.

If you would like to participate, please return the bottles and cans you have been accumulating at home. Then consider mailing a check or money order to our Treasurer, made out to CMARC.



Shannon Ranes, WA2NVK  
1728 Cooper Ave  
Lansing, MI 48910

# WFD 2021



**When : JANUARY 30 / 31 , 2021**

**Times : SAT 1900 UTC (2 PM EST) to  
SUN 1900 UTC (2 PM EST)**

**Where : WORLDWIDE**

**Website : WWW.WINTERFIELDDAY.COM**

**EMAIL : WFDA@WINTERFIELDDAY.COM**

**If you are serious about emergency communications  
As we are; we welcome you to join us for our yearly  
event. We are sure you will find this event a  
pleasant change and challenge to that of a normal  
Summer FieldDay.**

## Treasurer's Report – December 2020

Shannon Raney / WA2NVK – CMARC Treasurer

<b><u>Beginning Business Checking Account Balance</u></b>	<b>\$3,984.24</b>
Total Monthly Income	\$360.00
Total Monthly Business Expenditures	(\$80.00)
Total Business Checking	\$4,264.24
Petty Cash	\$1.00
Outstanding Checks	(\$80.00)
<b>Sub Total + Petty Cash</b>	<b>\$4,185.24</b>

### **Primary Shared Accounts**

Humphrey's Fund	\$384.43
Club Station	\$19.09
Building Fund	\$220.02
Field Day	\$178.90
<b>Total Net Worth</b>	<b>\$4,767.66</b>
Youth Fund Balance*	\$254.84

\*Separate from CMARC Funds

### **Notes**

Checking – Deposited \$360 Dues, Donations, & Cookbook payments.

Building – Deposited \$70 + \$0.01 interest.

A \$40 memorial check (written in January) has not cleared.

Voided a \$40 memorial check (written in May) and re-wrote it.  
Check has not cleared.

Wrote two \$40 memorial checks.

## Let Your Voice Be Heard!!!

An online survey was recently sent via ListServ email with questions to aid the CMARC Board and newly formed Building Committee in making decisions for the coming year. It should only take a few minutes of your time. Please be sure to fill it out and submit it so your voice can be heard.

[https://docs.google.com/forms/d/e/1FAIpQLSfJK4MFXBV2Js8xBWTvc0zcl7Ar4e3NzQ5bSt\\_PoiHeNpl8g/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfJK4MFXBV2Js8xBWTvc0zcl7Ar4e3NzQ5bSt_PoiHeNpl8g/viewform)

## Make a Tax-Deductible Donation.

Did you know you can make a tax-deductible donation to CMARC because we are a 501(c)3?

Checks can be made out and mailed to:

CMARC  
PO Box 54  
Mason, MI 48854-0054.

Please include your email address so our Treasurer can email a receipt to you for your records.

## Upcoming Meetings Held on the Zoom Platform

**CMARC General Meeting held on the second Friday of each month at 7 pm.**

<https://us02web.zoom.us/j/89916190971?pwd=bWh4V2lVQXZLTlMeFBmaWVGK3haZz09>

Meeting ID: 899 1619 0971 Password: 891964

**LCDRA Meetings held at 7 pm (January 21, April 15, July 15, and October 21)**

<https://us02web.zoom.us/j/82349525177?pwd=TlRYTkJNUUNEbnNIWFY5ZlhzVll2QT09>

Meeting ID: 823 4952 5177 Password: LCDRA

## Vibroplex Challenge

By: Gregg Mulder, WB8LZG

As many of you know, for many years I have refurbished keys and paddles as a side hobby for my enjoyment in the fine art of Morse code. Many Vibroplex's have passed through the shack restoration process and operate as new when I finish.

What most of you CMARC members may not know is, for years now I have given away Vibroplex paddles and bugs to worthy recipients. 9 of them so far in a 20 year period. "Given away, no fooling" you say. Wow! That's a bunch of Vibroplexes. "How do I get one" You ask?

"When will I be worthy"?

Well here's the scoop.

From now until Field Day 2021 you must convince me that you're a "worthy recipient". No you don't have to impress me with 20WPM speed. Just show that you are learning and using Morse code "on the air". With a little practice you can master CW in as little as 3 or 4 months. Show me that you are learning and enjoying the art of CW by Summer Field Day 2021, and a beautiful Vibroplex Vibrokeyer can be yours! **FREE.**

**I CHALLENGE YOU ALL !**



# Ziegenbein Nominations

It's time to begin thinking about who you would like to nominate for the 2020 Ziegenbein Award.

For those of you who are not familiar with the award - it is presented each May to the Full CMARC member who has contributed the most to Amateur Radio, in general and CMARC, in particular **for the previous calendar year.**

## Nomination Guidelines

1. The recipient must be a **full, current** member of CMARC
2. Nominations to be made in writing, in your own words, **no** chain letters to be accepted, stating nominee's contributions to CMARC and Amateur Radio.
3. All nominations are to be kept secret until the award is presented.
4. All nominations are to be mailed (regular postal mail **OR** email).
5. The same person can receive the award more than once.
6. The Committee shall consist of the last three recipients; the senior member shall be the chairman.
7. All nominations are to be closely checked and discussed by the Committee.
8. If the Committee feels the nominees are not deserving, the award does not have to be given.
9. Nominations are to be submitted before **March 15th** of each year, so the Committee can make the selection and have the plaque engraved.
10. The recipient will be announced at the annual Ladies' Night.

## REMEMBER

Your nominations for the Ziegenbein Award are due March 15th. This year's Senior Chairman of the Ziegenbein Committee is John Doornhaag (KD8NNQ).

Send your e-mail nominations with a subject line of "**Ziegenbein Nomination**", to [jdoorn1@hotmail.com](mailto:jdoorn1@hotmail.com).

If you prefer to use snail mail:

John Doornhaag  
1165 South Ainger Rd  
Charlotte, MI 48813-9540

Write "**Ziegenbein Nomination**" on the envelope.

# Ingham Co. Volunteer Examiner Team

## West Lansing Church of Christ

5505 West St Joe Hwy | Lansing, MI 48917

A special Thank You to Michael Wetzel, W8QF for securing a temporary testing facility for us to use during the cold winter months of the pandemic! The pictures below are from the January 9th testing session. We had a total of 22 candidates, with 36 total tests administered. Congratulations to all the successful test takers!

If you are ready to take your exam(s), then feel free to join us on a date(s) listed below. Please contact Don McLain, KB8RAD if you have questions or if you would like to register for your exam. As always, walk-ins are welcome.

**Don McLain (KB8RAD) (517)930-7707 KB8RAD@arrl.net**



PHOTOS BY: GORDY SMITH / KE8JKS

**Test sessions will be held on the dates listed below at 11:00 am.**

**You may check-in as early as 10:30 am with no check-ins allowed after 11:30 am.**

**February 13, 2021**

**March 13, 2021**

**April 10, 2021**

**May 8, 2021**



# Portable Ops Florida - Part 2

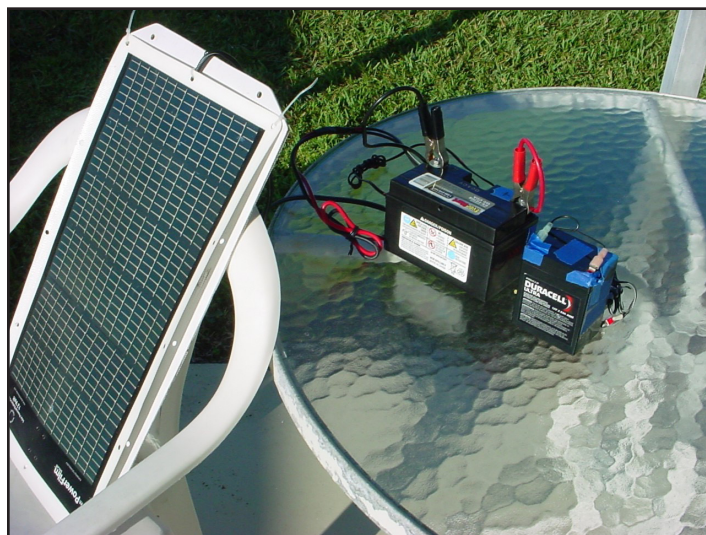
## The continuing saga of a wandering QRP operator

By Gregg Mulder , WB8LZG/4

**A**fter a safe arrival, we were getting settled in the new winter home in Florida. I had mostly beaten Murphy's attempts to ruin my Ham fun. However, my on-air time was limited by an old 3 amp/hr gel-cel battery that was not holding a full charge. After a week of this, I finally decided to get a new one. So off to the Wal-mart, I went and bit the bullet for a brand new gel-cel. I upgraded with a bigger one also. 10 amp/hr. The new battery now provides me with enough "juice" for plenty of evening radio time after a daily solar charge.

I had good intentions of getting a wire up in one of the only pine trees here. I went out the next morning, slingshot and sinkers in hand, only to have my plan put on hold by mother nature. Upon looking up in the tree, we had a bald eagle sitting up there surveying the neighborhood. I decided not to push my luck. I could see someone calling the police on me to shoot my slingshot at an eagle and be hauled off to jail while trying to string a wire up there. I decided to improve the vertical setup and wait for another day to get a wire up in the pine. He did pose long enough for me to get several nice pictures of our national symbol.

I had entered the NAQCC monthly sprint and only managed to grab 4 QSO's in about an hour of contesting. Conditions were noisy, and I was disappointed at the low QSO count. I hadn't put any radials out for 80m yet. I grabbed the wire spool and soon had two more radials laid out and "hidden" in the palm branches. Now I had ten radials altogether. 4 on 20m, four on 40m, and two on 80m. I went back and forth, tweaking the stinger on the vertical coils' tip until the SWR meter showed nil. Upon hiding them in bushes alongside the house, I went in to see if there was any improvement. 40, 20, and 15 were all hopping. I went to 10 and was pleasantly surprised to hear it wide open! The ARRL 10-meter contest was going on, and I tuned up there to see if the 40-meter "coil" would play up there. Yessiree, the SWR was good. My encounter with the bald eagle proved to be good luck.



Charging the gel-cells with folding solar panel.



Bald eagle proved to be a good omen for my radio operations.

Ol' Sol was exciting the 10-meter band propagation just for me. Lots of signals, so I "jumped in" and threw my call out. Sure enough, they were coming back to me. In just under an hour, I had 16 QSOs in the log before the XYL, and I went to the beach. Later in the day, when we returned, I grabbed four more QSOs before the evening meal. I had 20 nice QSOs with ten states. Most of them up and down the eastern US, but also AZ and UT to

See FLORIDA OPS, Page 10

the west. Not bad for a bit over an hour of operating at 5 watts into a modified mobile whip. My QTH being on the water may have helped a bit also.

I now had over two pages of QSOs in the log and growing confidence in my antenna setup performance. A few days later, I thought I'd try the NAQCC milliwatt sprint. Trying to make QSOs at QRPp power levels with an ad-hoc mobile whip is almost crazy, but the satisfaction of nabbing a good contact is quite rewarding. I cranked the power down to 1 watt and gave it a try. Conditions were noisy, with plenty of fade-outs on 40-meters. It was tough work on the ears picking the peanut whistles out of the noise, but in an hour of milli-watting, I had two good QSOs with GA and MS, proving that there still is some "MAGIC" left in the hobby.

Some observations in 4 weeks of casual operations: Because of where my antenna is located and the radials' directions, I see better propagation to the north and eastern seaboard, with some midwestern states thrown in. I hear many Caribbean and South American stations in the evening; however, I've only had a QSO with Cuba to the south so far. Early mornings and evenings are the best times for a solid QSO. The "SKCC" window has also netted me quite a few good QSOs.

For the 2 Meter FM crowd, I've been listening up on the local repeaters. Many of these machines are "inactive." There are some Net activities on the "Tamiami" machine, but our repeaters in the Lansing area get much more activity than here.

I'm looking forward to adding another antenna up in the pine tree soon to get better coverage towards the south and west. In the afternoon, I went out to survey the prospective spot where I might get a wire up there. It looks like I may have to be patient with all the critters around here. Wouldn't you know? I went around the back and was confronted by a gator! He was only about 6 feet long, but they look much "BIGGER" when you walk up on one. Guess mother nature is determined to make me wait for a while longer before I get an antenna up in that tree. I'm going to keep trying to launch a wire up there. I may have to be patient until all the critters give me a chance. hee hee

With all of the non-ham activities here, I have yet to find the time to get on the QSCAR satellites. I've been happily occupied working CW at QRP power levels on the HF bands. The satellite ops are still in the plan, but not sure of a time frame. Things move SLOW around here. The XYL has non-Ham plans for me also. hee hee

I'm also planning on operating Straight Key Night with New Year's Eve's optimistic vigor. I usually run 25-50 watts on SKN, so 5 watts may be a bit of a strain on the other ops ears. However, it should be lots of fun.

Stay Tuned. More adventures coming soon ■



Enjoying the ARRL 10m contest /4



Watch your step when working on antenna projects!



# Hamvention 2021 cancelled

By Dan Romanchik , KB6NU

**B**ack in November, Hamvention announced their plans to hold a hamfest in 2021. That was, of course, the appropriate thing to do. These things don't happen overnight, and even though I was a bit skeptical that it would actually happen, it's good to be optimistic.

Unfortunately, Hamvention just announced that the 2021 Hamvention would be cancelled. This from their website:

*"Unfortunately, several setbacks in the recovery from the COVID-19 pandemic make necessary the difficult decision to cancel Hamvention 2021. Hundreds of volunteers have been working to do everything necessary to bring this Hamvention to the many amateur radio enthusiasts and vendors who support the Dayton Hamvention."*

*Vaccine distribution both in the United States and around the world is lagging behind what was planned. In addition, the emergence of a more communicable form of the COVID-19 virus increases the potential for further public health problems in the next few months. We make this difficult decision for the safety of our guests and vendors.*

*Those who had their tickets, inside booths or flea market spaces deferred last year will be deferred*

*again. Those who purchased 2021 tickets, inside booths or flea market spaces will also be deferred. If you desire a refund instead please email [tickets@hamvention.org](mailto:tickets@hamvention.org) and we will contact you.*

*Stay tuned for information about a QSO party for the 2021 Hamvention weekend. We are looking forward to the 2022 Hamvention!!!"*

*Executive Committee, Dayton Hamvention 2021*

I was actually feeling a bit optimistic about going this year. Our county health department has started a waiting list for the vaccine just this morning, and bright and early (well, early at least, winter here is a dull, gray affair), I got my name on the list. I was feeling hopeful that I'd be vaccinated by the time Hamvention rolled around. I'm still looking forward to the vaccine, but will have to look even further into the future for the next Hamvention. Thanks to everyone in the Hamvention organization for keeping the world's premiere amateur radio event going. ■

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*Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog ([KB6NU.Com](http://KB6NU.Com)), the "No Nonsense" amateur radio license study guides ([KB6NU.Com/study-guides/](http://KB6NU.Com/study-guides/)), and often appears on the ICQPodcast ([icqpodcast.com](http://icqpodcast.com)).*

## 2021 Field Day Logos Released



Here is the new 2021 Field Day logo!

They are available in PDF format, too, if you'd prefer ([English](#), [Spanish](#)).

I had fun last year working Field Day on my own, but here's hoping that we can return to a more normal kind of FD this year.

# Flex on the fritz

By Dan Romanchik , KB6NU

A couple of days ago, my Flex 6400 decided that it didn't want to work. I usually leave the radio and computer on, so when I sit down to operate, I hit the spacebar on the computer's keyboard, and everything comes back to life. I did so this time, and the radio came up on the 30m the band that I last operated.

When I changed bands to 40m, though, the panadapter went blank, and the SDR program said that the radio had been disconnected. I tried turning the radio off and on, and I even turned the router off and on, but neither got the radio to connect again. I thought, OK, I'll turn the power supply off and on again. Well, that didn't coerce the radio to connect either.

When you first turn on a Flex, the light behind the power switch flashes green until the radio boots up. Then it turns solid green.....unless there's a problem. Mine flashed red, with a single flash, indicating that there was a "fan failure."

One of the first things that I did was to search the FlexRadio Community. In doing so, I found the post, "Fan Failure 6600M." There was some good information in this post, including where to get a replacement fan. Apparently, these fans are used in gaming, and replacement fans only cost \$18 on Amazon.

At that point, I decided to take off the cover and have a look. This turned out to be more involved than I thought, as you have to remove 14 Torx screws to get the cover off. Fortunately, I had the correct Torx screwdriver. Once I got the cover off, I spun the fan manually, and it spun quite nicely.

Next, I kept reading the post. Further down, Ken, N7HQ, the FlexRadio Community Manager, replied:

*"Please keep in mind a red-blinking power button (single red blink) indicates the fan is not rotating when firmware expects it to be. Yes, this could be a fan failure, but it is far more likely to be another problem. In the past 6-months, I've seen the service*



Inside the Flex 6400. At the lower right is the fan. Circled is the SD card referred to in the text.

*team deal with only a single fan replacement for the 6600 and 6400 radios. And that replacement was preventative, due to the radio being used in an exceptionally dusty/dirty/smoky environment. Please open a helpdesk request. Where Tim and Ken can assist in the diagnosis."*

So, that's what I did. After swapping some emails, Ken, NM9P, asked me to do a factory reset, which I hadn't done before. When this procedure yielded the same results, he said, "It is possible that there has been an SD card failure and it needs to be replaced." He then made arrangements for a new SD card to be sent to me at no charge. (The SD card is circled in white in the photo above.

So, while it's a bad thing that the SD card failed, I have to give kudos to the tech support folks for their help in resolving the issue. Now, I'm hoping that the envelope containing the SD card doesn't take too long to make it through the mess that is the U.S. Postal Service right now. ■

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Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (KB6NU.Com/study-guides/), and often appears on the ICQPodcast (icqpodcast.com).

## CENTRAL MICHIGAN AMATEUR RADIO CLUB BOARD OF DIRECTORS MEETING MINUTES

Saturday, December 5, 2020

### **Attendance**

Board Members Present: G. Smith (KE8JKS), D. Dembinski (KD8YDE), S. Ranes (WA2NVK), D. Vick (W8ZZX), D. McLain (KB8RAD), K. Fitzgerald (K9PC)

Board Members Absent: G. Mulder (WB8LZG)

Visitors: C. Ranes (NS8Q), D. Beuchert (WX8MOJ), T. Rocheleau (WA8WPI)

### **Call to Order**

- The meeting began at 7:04pm

### **Tonight's Business**

- Steering Group — VP Dembinski and Dan Beuchert (WX8MOJ) spoke about the CMARC Steering Group's first meeting and the resulting Member Survey regarding what peoples' goals for club membership might be, and the potential for fundraising and potential dues increase toward a Building Fund. Further discussion ensued.  
Dan Beuchert spoke about distributing the survey to ARPSC/LCDRA, and also paper copies to the few members who get the Scope via snail mail. The Committee will meet on Saturday, December 12th to continue the work, with an eye toward getting the survey out sooner than later. Further discussion ensued regarding the survey format & execution.
- FCC Matters — It was noted that the FCC will be requiring licensees to maintain an email address in conjunction with their Record of Licensure, as all contact with the FCC will henceforth be conducted via electronic means. It was also noted that new licensees will now be required to obtain an FRN number prior to applying and testing for any license; Social Security numbers will no longer be permitted for this use.
- VE Sessions — Secretary Vick noted that the Ingham County VE Team will be holding a Testing session on Saturday, January 9th at 11am at the West Lansing Church of Christ on W. St. Joe Hwy in Lansing. Tom Rocheleau (WA8WPI) noted that the Eaton County VE Team will be holding a Testing session on Saturday, December 12 at 11am at the Charlotte Church of Christ on Vansickle Dr. in Charlotte.
- Election — Discussion took place regarding the upcoming election for the four expiring seats on the Board of Directors. Dan Beuchert referred to the Club By-Laws regarding proper election conduct and establishing quorum, and shared how the Election Committee intended to tally the vote.
- Charitable Status — Dan Beuchert shared his observations regarding how the club activities have been implemented within the framework of our 501(c)(3) commitments. The specific language was emailed to all Board Members. Further discussion ensued with respect to our commitments to Educational Programs, Community Service Events, and Fundraising. Treasurer Ranes confirmed that we have a receipt form for acknowledging financial donations.



- Nets — Treasurer Ranes inquired with VP Dembinski on his new Breakfast Net on the LCDRA VHF repeater starting Wednesday, December 9th. Discussion ensued regarding reaching out to LCDRA as a courtesy to let them know about the net, and about starting up a new Technical Info net in conjunction with ARPSC on the LCDRA repeater.
- Cookbooks — Treasurer Ranes spoke of meeting with President Smith and Secretary Vick regarding sale of the old Club Cookbooks. Checks will be mailed to her.
- Life Membership — Treasurer Ranes read a letter from John Doornhaag (KD8NNQ) requesting consideration for Life Membership in the club. Discussion of the petition ensued. It was moved by Secretary Vick, supported by Director Fitzgerald, to grant Life Membership to him. The motion passed unanimously.
- Clyde Tompkins — There was discussion on whether anyone had communicated recently with former Secretary Clyde Tompkins. No one had any new information.
- Clubhouse — Treasurer Ranes asked if we had any new info from Kevin about the sale of the building. Dan Beuchert said he hadn't heard any new info.
- Michael Baird (SK) — President Smith asked if we had sent a card to SK Michael Baird's family. Treasurer Ranes said she would reach out to Jane Hosford.
- Gin Pole — VP Dembinski asked if he could borrow the club's gin pole for taking down a tower. It was moved by Secretary Vick, seconded by Director McLain, to allow him to use the gin pole, with the proper submission of the Liability Waiver. The motion carried. Treasurer Ranes sent out the Liability Waiver form to everyone.

### **Adjournment**

- With no further business to discuss, it was Moved by Secretary Vick, seconded by Director Fitzgerald to adjourn the December Board Meeting at 8:36pm.

Respectfully submitted,

Dave Vick, W8ZZX  
CMARC Secretary

## **CENTRAL MICHIGAN AMATEUR RADIO CLUB GENERAL MEETING MINUTES**

Friday, December 11, 2020

### **Attendance**

Board Members Present: G. Smith (KE8JKS), D. Dembinski (KD8YDE), S. Ranes (WA2NVK), D. Vick (W8ZZX), D. McLain (KB8RAD), G. Mulder (WB8LZG), K. Fitzgerald (K9PC)

Board Members Absent: None

General Members: W8MKB, KC8THC, AC8YF, WX8MOJ, KD8MWA, KE8KFA, WD8OVL, KD8NNQ, W8QF, KD8TMW, KD8VJD, NS8Q, KE8CYC, KB8PSF, KC8ZLQ, N8CFM, WA8FHI, KD2GVS, K8BJC, KC8QZB

Visitors: KCØMYP, KE8PSR, KE8PAH, WB8HRO, K8TS, Abby Beuchert, Gene Parker

### **Call to Order**

- The meeting began at 7:02pm
- President Gordy Smith (KE8JKS) produced a US Flag Zoom background for the Pledge of Allegiance.

### **Sign-In Sheets**

- Secretary Dave Vick (W8ZZX) took attendance from the Zoom register.

### **New Members & Visitors**

- The Club greeted the following guests and new members:
  - Tom Horton (KD2GVS)
  - Andrew Sporer (KE8PAH)
  - Gene Parker
  - Dana West (KCØMYP)
  - Terry Feichtenbiner (KE8PSR)
  - Tim Conroy (WB8HRO)
  - Dale Cole (K8TS)

### **Announcements**

- VP Dembinski (KD8YDE) spoke about the new VHF “Morning Drive” net he is running on the 145.390MHz LCDRA repeater.
- President Smith (KE8JKS) stated he was starting up a Technical Net on the LCDRA VHF repeater. More info will be forthcoming.
- Dan Beuchert (WX8MOJ) spoke about the forthcoming LCDRA meeting on Monday Dec. 21st, which may be cancelled due to the Christmas holiday. He will let us know.

- John Doornhaag (KD8NNQ) announced the Ingham County VE Team will be holding a testing session on Saturday morning, January 9th 2021 at 11am at the West Lansing Church of Christ on W. St. Joe Hwy. Also, the FCC will now require new licensees to obtain an FRN number prior to testing for their first Tech licenses, and an email address will be required on all applications–The FCC is going to a 100% email-based communications format. He also thanked Michael Wetzel (W8QF) for helping the VE Team gain access to the church for testing.
- John Doornhaag (KD8NNQ) also noted that membership dues run January-to-December, regardless of what month a member may have initially joined. All renewals are due to him by January 1st of the ensuing year. It was asked if one needed a license or callsign to be a club member. John and Dan Beuchert (WX8MOJ) noted that anyone can be an Associate member of the club, however to be a Full Member one must be a licensed ham.
- Pam Denhomme (KD8PSF) stated that she has a tower & HF beam that she needs help taking down, if anyone needs it they can have it.

### **Cards & Flowers Report**

- Treasurer Shannon Ranes (WA2NVK) stated that the club sent a donation to the Ingham County Humane Society in memory of local ham Mike Baird (N8NBZ).

### **Treasurer's Report**

- The November Treasurer's Report is posted on the CMARC website. It was moved by Secretary Dave Vick (W8ZZX), supported by Vice-President Dan Dembinski (KD8YDE) to accept the November Treasurer's Report as tendered. The motion passed.

### **Secretary's Report**

- The November Secretary's Report, in the form of Minutes for the November Board and General Membership meetings, are posted on the CMARC website. It was moved by Secretary Dave Vick (W8ZZX), seconded by John Winn (KE8CYC) to accept the Secretary's Report as tendered. The motion passed.

### **Interesting QSOs, QSLs, DX, & Other Contacts**

- Secretary Dave Vick (W8ZZX) showed a QSL card he received from the Dayton Amateur Radio Club, callsign W8BI, on 80m.
- Michael Wetzel (W8QF) shared a QSL certificate from the Edmund Fitzgerald Special Event station, and also spoke of a QSO with an airline pilot off the coast of Florida, on approach to Atlanta airport. He also shared that he had built a 40m magnetic loop antenna which has already been sold.
- Gregg Mulder (WB8LZG), currently in Florida, had a QRP contact out in the Caribbean south of Cuba, and a contact in Wyoming on 5 watts. He is operating on solar-charged battery power.
- Allan Ostrander (KD8VJD) had a contact in Calgary, Alberta on 15m and one in Dallas on 17m.

- President Gordy Smith (KE8JKS) shared that he had finally was able to successfully connect his Icom radio to Ham Radio Deluxe software and experiment with FT8.

### **Deferred Business**

- Treasurer Shannon Ranes (WA2NVK) shared that she has several of the old CMARC Club cookbooks left, available for \$5 per copy. Funds from the sale go directly into the Club's treasury.
- Chris Ranes (NS8Q) spoke about the recent ARRL Phone Sweepstakes contest, which ran the third weekend in November. We didn't have enough operators to submit logs for a club aggregate score this time. He shared that we had a lot more contesting participation from Club members. Discussion ensued regarding the ARRL 10-Meter Contest this weekend, and the upcoming Winter Field Day on the last weekend in January. Chris shared that the Club ranked reasonably well in the past Winter Field Day scoring. He also spoke about how new hams may obtain an FRN number.
- President Gordy Smith (KE8JKS) revisited Club Communications in an emergency. Secretary Dave Vick (W8ZZX) stated that instead of trying to congregate on a repeater frequency, the first attempt at Club Comms should be on the National Call Channel, and leave the LCDRA repeaters for ARPSC priority traffic. Further discussion ensued, including perhaps holding a Club Practice on the NCC, similar to the ARPSC's recent statewide emergency tests.

### **New Business**

- Dan Beuchert (WX8MOJ) spoke about the upcoming Club Survey, created by the CMARC Steering Committee to gauge interest in various Club activities and formulate plans in the event we need to relocate. He outlined formatting details and how the Survey would be disseminated.
- President Smith (KE8JKS) spoke briefly about sending out a letter seeking donations.
- Dan Beuchert (WX8MOJ) spoke about the 2020 Board of Directors Election results. He shared information regarding the mechanics of the election, and how we can streamline the process in the future. Results: Seventeen eligible voters cast ballots for the four Board candidates. The results are that Gordy Smith (KE8JKS), Shannon Ranes (WA2NVK), Don McLain (KB8RAD), and Kelly Fitzgerald (N9PC) were re-elected to their Board seats for the 2021-2022 term.

### **For the Good of the Order**

- Michael Bofysil (KC8ZLQ) spoke about conducting emergency service drills every so often. Further discussion ensued regarding the format and execution of such drills, similar to the ARPSC-SET tests. John Winn (KE8CYC) stated that having a Simplex Drill would be a good exercise, to show club members how far their comms capabilities extend, and to see who can pass traffic to whom.

- Dan Beuchert (WX8MOJ) spoke of the old ARPSC net, and speculated if they would be interested in a joint CMARC/ARPSC emcomms test. He stated the ARPSC produces a document showing what frequencies ARPSC uses for emcomms, which might be a good place to start figuring an emergency rendezvous frequency for the Club. John Winn (KE8CYC) noted that ARPSC membership does not incur any additional membership dues.
- Treasurer Shannon Ranes shared that Bob Crawford (K8ZAP) sent greetings to the Club. He was unable to attend the Zoom meeting, but wished us all happy holidays.
- Pam Denhomme (KD8PSF) shared that she had several antennas in her barn available to interested parties. Secretary Dave Vick (W8ZZX) and Michael Bofysil (KC8ZLQ) exhibited interest.

### **Adjournment**

- With no further business to discuss, it was Moved by Secretary Dave Vick (W8ZZX), seconded by Tom Horton (KD2GVS) to adjourn the business meeting at 8:00pm and move to social time.

### **Tonight's Presentation**

- There was no presentation this month.

Respectfully submitted,

Dave Vick, W8ZZX  
CMARC Secretary



# CLASSIFIEDS

**Ed Hude / WA8QJE**  
**Cell: (517) 420-7550**  
[ebhude@yahoo.com](mailto:ebhude@yahoo.com)

**\$100**  
**Radio Shack HTX-10**  
 25-watt, SSB/FM Transceiver. Like new in sealed unopened box.

**From the Estate of W8LKE**  
**Thomas Romanauski**  
**(Non-Smoker)**

**Ed Hude / WA8QJE**  
**Cell: (517) 420-7550**  
[ebhude@yahoo.com](mailto:ebhude@yahoo.com)

**No trades on Estate radios**

**\$800**  
**Yaesu FT-950**  
 HF -50 Mhz rig, Yaesu  
 FP1030A power supply,  
 Yaesu SP2000 speaker with 2 filters and  
 Yaesu MD100ASX desk microphone. All  
 items are like new, and in matching boxes.  
 (Will not separate)

**\$350**  
**Two (2) Kenwood TM-G707A**  
 Dual-band mobile radios with  
 programming software.



**Jimmy Dunahoo / KD8IWQ**  
**517-743-1604**

**\$125**  
**MFJ-989C Versa Tuner V (3KW)**  
 Covers 1.8-30MHz, including MARC and  
 WARC Bands. Built-in 300w dummy load.  
 Comes with manual.

**\$25**  
**Workman SX-144/430 SWR-  
 Wattmeter**  
 Covers 2m/440 (120-500 MHz). Dial has  
 a cross-needle display. Meter has three  
 ranges (10W, 100W, and 500W).

**David Held / N8CFM**  
[heldd@sbcglobal.net](mailto:heldd@sbcglobal.net)

**\$50**  
**Motorola FM Signal  
 Generator**  
 Made for Motorola by  
 Measurements Corp.  
 Model T1034B, Calibrated Output  
 Frequency Range 25mHz to 960 mHz  
 Accuracy +-10%  
 Output .1mv to 100,000mv  
 Closing my service business.



**Shannon Ranes / WA2NVK**  
**Cell: (517) 896-5368**  
[wa2nvk@gmail.com](mailto:wa2nvk@gmail.com)

**Need an item?**  
**Make an offer!**  
**A few name-brand laser  
 printers, USB keyboards,  
 and mice**  
 Equipment is leftover after going through  
 a company downsizing.  
 The laser printers are 5-10 years old and  
 some of them come with toner cartridges.  
 The USB keyboards and mice are mostly  
 Dell brand and are very comfortable and  
 easy to use.



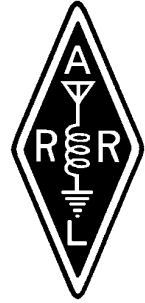


# Central Michigan Amateur Radio Club

## W8PLP/W8MAA

### Membership Form

For Year (s) \_\_\_\_\_



Please complete **ALL** sections in their **ENTIRETY** before submitting your application.

Membership is for the current calendar year unless otherwise specified above.

Mail completed form to Membership Chairman (see address below) or take to Club meeting for processing. Please include payment if applicable. (Checks or Money Orders should be made payable to "CMARC").

**John Doornhaag | 1165 South Ainger Rd | Charlotte, MI 48813-9540**

Membership Type		<input type="checkbox"/> New	<input type="checkbox"/> Renewal
<b>Full:</b>	<input type="checkbox"/> Annual Dues: \$20.00 <i>Includes voting rights and an annual subscription to The Scope.</i>		
<b>Associate:</b>	<input type="checkbox"/> Annual Dues: \$5.00 <i>Includes an annual subscription to The Scope but NO voting rights.</i>		
<b>New Licensee:</b>	<input type="checkbox"/> Current Calendar Year Free <i>(must submit your application within first 30 days of licensure)</i>		
<b>Under 18:</b>	<input type="checkbox"/> Annual Dues: Free		

Contact Information	
<b>First Name:</b> _____	<b>Last Name:</b> _____
<b>Call Sign:</b> _____	<b>License Class:</b> _____ <b>Phone #:</b> _____
<b>Address:</b> _____	<b>Apt/Unit:</b> _____
<b>City:</b> _____	<b>State:</b> _____ <b>Zip Code:</b> _____
<b>Birthday:</b> _____	<b>Anniversary:</b> _____
<b>Email:</b> _____	<b>Sign up for the List Serv:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Note: Email is used by club officers to communicate club business and may appear in the club directory for use by club members. CMARC does not share/sell contact information to other parties.</i>	

Club Communications	
<b>Newsletter Preference</b> <i>(select only one option)</i>	<input type="checkbox"/> I will download from the web site.
	<input type="checkbox"/> Please mail to my address <i>(Note: Direct mailing increases postage costs.)</i>
<b>ARRL Affiliation</b>	<input type="checkbox"/> I am an ARRL member

# Lansing Civil Defense Repeater Association

## Membership Form



For Year (s) \_\_\_\_\_

Please complete ALL sections in their ENTIRETY before submitting your application.

LCDRA oversees the operation and maintenance of all Lansing Area repeaters. Use of the repeaters does NOT require LCDRA or CMARC membership, but your support is welcome and appreciated.

Mail completed form to Membership Chairman (see address below) or take to a meeting for processing. Please include payment if applicable. (Checks or Money Orders should be made payable to "LCDRA").

**Michael Boensch | 1897 Sunnymede Ln | Lansing, MI 48906-1356**

**If you would like a membership card mailed to you,  
please include an SASE with your payment. Thank you.**

Membership Type		<input type="checkbox"/> New	<input type="checkbox"/> Renewal
<b>Full:</b>	<input type="checkbox"/> Annual Dues: \$15.00 <i>Includes voting rights.</i>		
<b>Family Mbrs:</b>	<input type="checkbox"/> Annual Dues: \$7.50 ea. <b>No. of Family Members:</b> _____		
<b>ARRL Affiliation</b>	<input type="checkbox"/> I am an ARRL member <b>Membership Card</b> <input type="checkbox"/> Yes <i>(Please see above)</i>		

Contact Information	
<b>First Name:</b> _____	<b>Last Name:</b> _____
<b>Call Sign:</b> _____	<b>License Class:</b> _____ <b>Phone #:</b> _____
<b>Address:</b> _____	<b>Apt/Unit:</b> _____
<b>City:</b> _____	<b>State:</b> _____ <b>Zip Code:</b> _____
<b>Birthday:</b> _____	<b>Anniversary:</b> _____
<b>Email:</b> _____	
<small>Note: Email is used by club officers to communicate club business and may appear in the club directory for use by club members. <u>LCDRA does not share/sell contact information to other parties.</u></small>	

Central Michigan Amateur Radio  
P.O. Box 54  
Mason, MI 48854-0054

STAMP

To: