



THE SCOPE



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

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CENTRALMIARC.COM

Club's Building Suffers Flood Due to Broken Water Pipe!!

On Friday, February 19, club President, Gordy Smith, KE8JKS, received a phone call from the building owner stating a water pipe had burst somewhere in the building. Two to three inches of water covered most of the building floor. ServPro cleaned up the water and thankfully did not need to remove drywall to allow the walls to dry out. He asked us to move our club-related items from the carpeted room to a room with tile flooring. The carpeting will be removed once the room has been cleared out.

A very big THANK YOU to Gordy Smith, KE8JKS, Dan Dembinski, KD8YDE, and Tim Clay, KC8THC, for meeting at the club station to empty out all of our belongings. For the time being, the large empty room, just off the parking lot entrance, is where all of our items are being stored. While the three guys were able to move everything else, one item remained...“The Coffin”!

For new members reading this, let me fill you in! “The Coffin” is a large wooden box on inflatable wheels built by our Vice President, Dan Dembinski, KD8YDE. This is where we store all of the parts and pieces for our canopies. We use the canopies at Field Day and outdoor events. Moving it is a beast! Due to the size of “The Coffin,” it is impossible to move it into the hallway. The only option is to move it out the back door.

The problem...at least a foot of snow lay on the ground. Daniel Beuchert, WX8MOJ, and his trusty snowblower cut through the pile of snow behind the building, leaving us with a wide path to move the coffin out and roll it to the other room. That truly was a huge help! Thank you, Dan!



PHOTOS BY:
CHRIS / NS8Q & SHANNON / WA2NVK RANES

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CMARC OFFICERS

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

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CLUB HISTORIAN: William Cote / WD8NYW

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Gregg Mulder / WB8LZG

LANSING ARPSC LIAISON:

Jim Hannahs / KC8QWH

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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

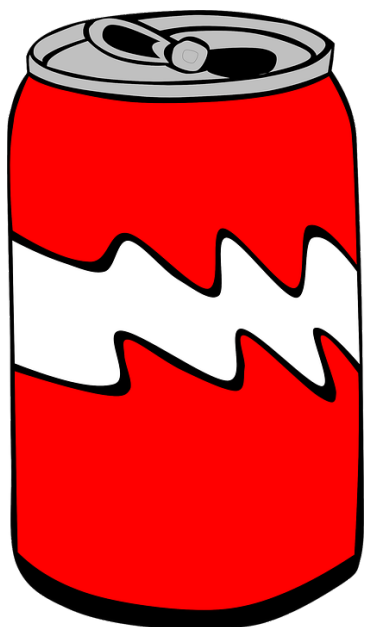
REPEATER TRUSTEE: Dennis Boone / KB8ZQZ

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 cmarcscope@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.

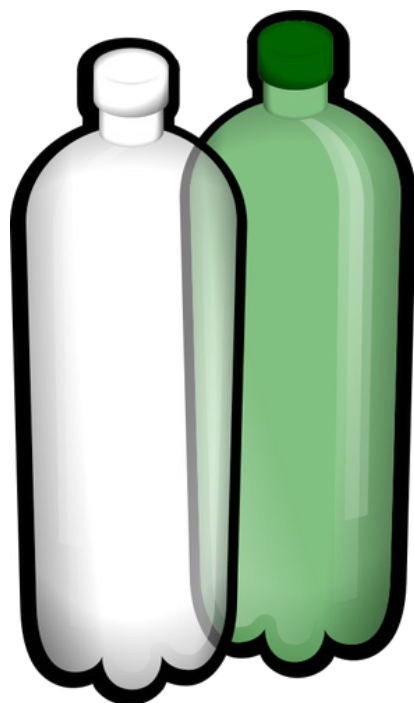
Central Michigan Amateur Radio Club's



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

Treasurer's Report – January 2021

Shannon Raney / WA2NVK – CMARC Treasurer

<u>Beginning Business Checking Account Balance</u>	\$4,344.24
Total Monthly Income	\$320.00
Total Monthly Business Expenditures	(\$186.00)
Total Business Checking	\$4,478.24
Petty Cash	\$1.00
Outstanding Checks	(\$80.00)
Sub Total + Petty Cash	\$4,399.24

Primary Shared Accounts

Humphrey's Fund	\$384.45
Club Station	\$19.09
Building Fund	\$260.03
Field Day	\$178.91
Total Net Worth	\$5,241.72
Youth Fund Balance*	\$254.85

*Separate from CMARC Funds

Notes

Checking – Deposited \$320 Dues, Donations, & Cookbook payments.

Building – Deposited \$40 + \$0.01 interest.

Two \$40 memorial checks have not cleared, while two cleared.

Wrote two \$40 memorial checks.

Paid \$106 for USPS PO Box.

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=bWh4V2lVQXZLZTlMeFBmaWVGK3haZz09>

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=TlRYTkJNUUNEbnNIWFY5ZlhzVII2QT09>

Meeting ID: 823 4952 5177 Password: LCDRA

ARPSC Meetings held on the third Monday of each month at 7 pm.

<https://us02web.zoom.us/j/84852196879?pwd=OE9TV2pVcXRHRWFXQm9rSUo1RUVkdz09>

Meeting ID: 848 5219 6879 Password: 601694

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.

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

Custom Woodworking Pieces by Jim Hannahs, KC8QWH

ginhannahs@gmail.com (517) 589-8346

100% of the proceeds will benefit
LCDRA (Lansing Civil Defense Repeater Association)



Bat House - \$15



Blue Bird House - \$15



Bobbing Head Bird - \$20



Butterfly House - \$20



Large Wheelborrow - \$35



Small Wheelborrow - \$30



Log Cabin Bird Feeder - \$45



Regular Bird House - \$15



Suet Feeder - \$15



Trellis - \$20

PHOTOS BY: GINNY HANNAHS / KD8HPG

Portable Ops Florida - Part 3

The continuing saga of a wandering QRP operator In this episode: The story of "Slingshot Slim."

By Gregg Mulder , WB8LZG/4

After two months of using my portable vertical setup, I was ready for something better. I have filled nearly three pages in the logbook, but the contacts were coming hard, and I missed many QSO's. Many of them could hear me but never getting my whole call. It was high time I remedied that situation with a better antenna.

I set my sights on the lone pine tree in the yard. In my "go kit," I had 75 feet of 22-gauge wire. The small gauge being primarily for stealth. With over 40 years of Field Days and many other portable ops under my belt, I'm quite accomplished at getting lines and antennas in trees. I prefer using a "bow narrow" for accuracy, but those items were too large to pack in the car. On this trip, I would use my trusty "wrist rocket." I rounded up the slingshot, sinkers, fishing line, and twine. A quick survey of the tree and surrounding area showed all clear. No eagles, gators, or other critters in the way. hee hee

I unwound a bunch of fishing line neatly so nothing would obstruct my sinker's flight. I got the sinker nestled in the breach, took aim, and let 'er fly. The first shot was a dud! Barely went 25 feet. It was evident that I had not used this method in a while. My 2nd shot had the height but missed the limb I was aiming for and lost a sinker in the process. No time or sinkers left for practice shots. I thought about my old pal Murphy, as I attached the last spare sinker, and hoped he would not show up today. The 3rd time was a "charm," as I lofted the line over one of the top branches. Soon I had some twine up high in the tree and attached one end of my antenna wire. The 22-gauge wire was almost invisible as I hoisted it upright to the top. I tied off the twine and carefully pulled the other end of the wire over the house. I did not want to beak it. The small gauge wire isn't very strong, but it's practically invisible. I don't know why I choose 75 feet of wire; it must have been what was left on the roll, but it was the perfect length. I attached a BNC connector



"Slingshot Slim" aiming for the ionosphere



The feed point with 25' of RG58 connected, looking up to the NW

with an alligator clip at the corner of the porch. I tied a short piece of twine to the loose end and anchored it to a nearby palm tree. The top was up about 50-55 feet high, and the line sloped down at 45 degrees to the feed point right above the station location about 10 feet from the ground. I hastily connected the coax and ran inside to test it out.

See FLORIDA OPS, Page 10

My efforts proved very fruitful, as I powered up the rig and the speaker jumped to life with loud signals!

Now the big question. Would it load up? A quick run through the bands. 80, 40, 30, 15, and 10 meters all tuned up beautifully. Twenty meters had a 3 to one SWR, but I worked this out by adding a couple of feet of “counterpoise” wire on the bottom end.

It tuned correctly on 30 meters, so I gave it a try. I answered a “CQ” from 1-land. I was grinning ear to ear as I logged KM1CC, the Marconi Cape Cod ARC station. So far, so good. Then went on to work OH, NC, PA, and IN, all with good signal reports. It looks as though I had a winner. The real test was going to be in the upcoming NAQCC sprint.

I had only managed 4 QSOs in the last sprint, so I had high expectations of doing better now that I had an improved antenna.

On the eve of the sprint, I tuned up on 40 meters. Sure enough, I was not disappointed; my anticipation turned into “QRP joy” as I logged 15 QSOs on 40 and 80 meters in about 1½ hours during the January 21 sprint.

The next day, with a successful sprint under my belt, it was time to celebrate my good fortune with friends. The neighbors had happy hour, so I joined in and had a cold 807 and a few laughs. The XYL and I took the rest of the afternoon “off.” We went to the beach in Venice, where we searched for sharks’ teeth in the sand, had another “807”, and relaxed as the sun went down.

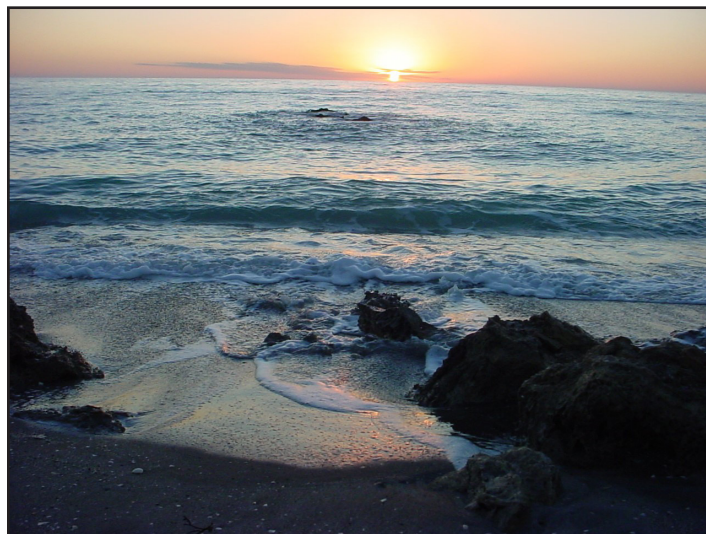
“Tune in” next time for more “Monkey shines” and radio fun with your sojourning QRP operator. ■

73, Gregg WB8LZG/4



Having a cool “807” with my buddies to celebrate my antenna work

PHOTO CREDIT COURTESY OF MY XYL VICKI MULDER



A beautiful way to finish out the day

It's not a Begali, but....

By Dan Romanchik , KB6NU

One of the questions I'm most frequently asked is, "What is a good paddle for a beginner?" My usual answer to this question is to look for a used Bencher BY-1 at a hamfest or on one of the online venues. You used to be able to get them for \$60 or less. Now, however, there are few hamfests and the price has gone up. Now, used Benchers are close to \$80.

Another option that newcomers might consider is the CW Morse paddle (shown in photo below). They cost \$60 with a steel base (\$43 without), and are available from 3rd Planet Solar and Gigaparts. I purchased one recently, and used it for a couple of days. To be honest, I was prepared to hate it, but it actually works pretty well. It's not a Begali, but it's good enough that I'd recommend it as a starter key.

These keys are mostly made from 3D-printed plastic parts. You can tell this from the finish. While not as bad as some 3D-printed parts, they do look a little rough. I wouldn't be surprised if they go to molded parts, though, at some point. In high volumes, it has to be cheaper to mold the parts rather than print them.

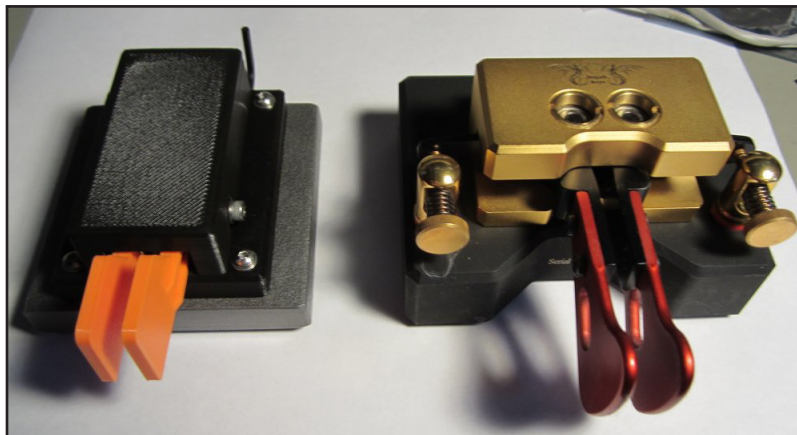
The key does have metal parts where it counts, though. The contacts are all brass, the base is made from 1/2-in. cold-rolled steel, and the levers pivot on sealed ball bearings. My key weighed 22.5 oz (1.4 lbs.), and was quite stationary on the silicone mat that I use for my keys. The Begali is, of course, a lot heavier at nearly 60 oz. (3.75 lbs.).

A spring between the levers provides the tension. Two screws allow you to adjust the contact spacing. Unlike the Begali, whose adjustment screws have a very fine thread to give you plenty of adjustability, these screws are standard thread screws. What this means is that it can be a bit tricky to set the contact spacing. The screws are spring-loaded to prevent the adjustment from changing, but the springs don't seem to be very beefy, and I can see where the adjustment might change after a lot of use.

The ball bearings give the key a nice action. During my tests, I had the speed cranked up to 23 wpm, and this key performed well at that speed. One thing I didn't like very much is that the arms tend to flex more than I like, but I actually have the same problem with the plastic Begali finger pieces. That's why I use the aluminum finger pieces on the Begali.

Overall, though, I'm quite happy with this key. And, for sixty bucks, which is about one-fifth of the price of a new Begali Magnetic Pro, I can certainly recommend this key to newcomers getting started in CW. ■

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). When he's not testing new keys, he teaches online ham radio classes and likes to work special event stations and state QSO parties.



It's not a Begali Magnetic Pro (right), but the CW Morse dual-lever paddle (left) is worth considering as a first key.

Time to insure your ham radio gear?

By Dan Romanchik , KB6NU

On the Long Island CW Club mailing list, a fellow asked whether or not he should get insurance for his ham equipment. He writes, “Back when I ran a home brew 6CL6 tube type rig it didn’t matter much. Now — the investment makes me think about the safety of the gear. Any suggestions?”

One of the first responses was that the ARRL offers insurance. This insurance covers all of your equipment, including computers and costs \$1.40 per \$100 of equipment covered, with a minimum premium of \$20. There is a deductible, but it’s only \$50. It covers equipment in your shack, theft from unattended vehicles, and towers and antennas up to \$15,000.00 replacement cost. Our club carries this insurance on our repeater system, and I know at least one club member carries it on his personal equipment.

Two of the folks replying to the original post have had good experiences with the ARRL insurance. One said, “About a dozen years ago lightening struck about a hundred feet from my home and took out 99% of the electronics including the hearing aids I was wearing. I didn’t even notice the deductible after my insurance took care of everything. Just be sure you have a good agent!”

Another replied, “I am a big fan of the insurance available thru the ARRL. While some homeowner policies might cover gear in the house, the ARRL plan covers your mobile gear and portable gear as well. As I do a lot of mobile and portable HF and bring my gear on vacation even when traveling abroad, the ARRL plan is a good fit for me. And it covers full replacement cost.”

Someone else mentioned that he had purchased insurance through Ham Radio Insurance Associates. This seems a bit more expensive than the ARRL insurance. There is a minimum annual premium of \$25 for \$1,600 of equipment coverage, but you don’t have to be an ARRL member to get the insurance.

Should you get insurance? Well, the first thing you might do is to take stock of your gear to determine how valuable

it is. Here’s what one of the respondents had to say:

Once I did an inventory, my “shack” was more valuable than I thought — once I considered replacement value. My insurance agent told me that as long as it was a “hobby” that they would insure my equipment, but we have a \$500 deductible on our homeowner’s insurance.

I was on the fence about specialty insurance until I heard the wind whistling past my 34’ tower with gusts up to 70mph one winter night. I decided that if everything was intact by morning (it was) that I’d buy the ARRL insurance and be able to sleep much better at night.

I think that I’m long overdue on coming up with this list for myself. I’m definitely putting this on my ham radio to-do list. ■

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ARRL extends Field Day rules wavers, sets class D and E power limit

By Dan Romanchik , KB6NU

The COVID-19 pandemic-modified ARRL Field Day rules from 2020 will continue this June with the addition of a power limit imposed on Class D (Home Stations) and Class E (Home Stations-Emergency Power) participants. The news from the ARRL Board's Programs and Services Committee comes as many clubs and groups are starting preparations for Field Day in earnest. Field Day 2021 will take place June 26 – 27.

“This early decision should alleviate any hesitancy that radio clubs and individual Field Day participants may have with their planning for the event,” said ARRL Contest Program Manager Paul Bourque, N1SFE.

FOR FIELD DAY 2021:

- Class D stations may work all other Field Day stations, including other Class D stations, for points. This year, however, Class D and Class E stations will be limited to 150 W PEP output.
- An aggregate club score will be published — just as it was done last year. The aggregate score will be a sum of all individual entries that attributed their score to that of a specific club.

ARRL Field Day is one of the biggest events on the amateur radio calendar. Last summer, a record 10,213 entries were received.



“With the greater flexibility afforded by the rules waivers, individuals and groups will still be able to participate in Field Day, while still staying within any public health recommendations and/or requirements,” Bourque said.

The preferred method of submitting entries after Field Day is via the web applet. The ARRL Field Day rules include instructions on how to submit entries, which must be submitted or postmarked by Tuesday, July 27, 2021.

The [ARRL Field Day](#) web page has complete rules and entry forms, as well as any updated information as it becomes available. Join the ARRL Field Day [Facebook page](#). ■

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Comm Academy: a FREE virtual training conference on emergency communications

By Dan Romanchik , KB6NU

Comm Academy, the conference for EmComm and preparation, has been around since 2001, but this year, the event is online and free. The event, which normally takes place in Seattle is two days of training, talks, and information on emergency communications. Comm Academy 2021 will take place on April 10-11, 2021, and the theme for this year's event is "Disasters Here, There, and Everywhere—Are You Ready?"

According to Tim, WT1IM, the "PIO" for Comm Academy, the organizers are all volunteers who care deeply about EmComm and preparation, and want to create a forum for knowledge sharing. Until this year, CA was a local event in the Seattle area. While the attendees were enthusiastic, they were mostly local. That being said, the organizers realized that the 2021 conference gave them a "make lemonade out of lemons" opportunity to take what they were doing locally to a nationwide, if not global, audience.

This year's presenters come from a variety of backgrounds, but most if not all, are hams. For example, this year's lineup includes Tom Cox, VE6TOX, ICS Consultant for Alberta Emergency Management Agency; Jason Biermann, KI7KVP, Snohomish (WA) Department of Emergency Management Director; and Ward Silver, N0AX, who will present on station grounding and bonding. There will also



be presentations on providing Internet service restoration in a remote Oregon community after wildfires and safety and communications at Burning Man.

The presentations will all be pre-recorded, but the presenters will be on the conference live when their presentations are aired, so that they can do real-time Q&A, chat, etc., with the participants. To get a feel for the types of presentations given at Comm Academy, you can view recorded presentations from previous years at <http://commacademy.org/archives>.

For more information, [visit the Comm Academy website](#), or email contact@commacademy.org ■

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CENTRAL MICHIGAN AMATEUR RADIO CLUB BOARD OF DIRECTORS MEETING MINUTES

Friday, January 2nd, 2021

Attendance

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

Board Members Absent: K. Fitzgerald (N9PC)

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

Call to Order

- The meeting began at 7:05pm

Club Business

- SURVEY: Dan Beuchert (WZ8MOJ) reported on the current responses to the Club Survey. He stated that many respondents had given good data regarding what they would like out of the Club, and ways they would be willing to help out. Secretary Vick (W8ZZX) inquired if Dan had a feel for what percentage of the responses came from CMARC members, as opposed to non-members; Dan stated that without teasing out the response data, he had no clear idea at this time. The Club will reach out again to area hams via all of our communications and social networking methods this month to try to get more responses, now that the holiday season is over with.
- SCOPE: Chris Ranes (NS8Q) stated the Nov-Dec issue of the Scope would be published this week.
- NEW HAMS: Gregg Mulder (WB8LZG) shared that his daughter-in-law, Veronica Hart, just passed her Tech exam. She is KN6MTD
- TESTING: Secretary Vick (W8ZZX) reminded the Board of the Ingham County VE Team's upcoming testing session on Saturday, January 9th at the West Lansing Church of Christ on W. St. Joe Hwy. There was discussion on the use of Vick's VE Team banner. Tom Rocheleau (WA8WPI) spoke of the Eaton County VE Team's session on December 12th, where they licensed nine new hams, including one candidate who passed all three tests in one day, scoring 100% on the Extra Class Test.
- OFFICERS: Discussion took place on whether the Board officers are shifting in the new year. It was moved by Secretary Vick (W8ZZX), supported by Don McLain (KB8RAD), that all Officers of the club retain their 2020 offices for 2021. The motion passed.
- NETS: VP Dembinski (KD8YDW) spoke about his new morning net on 145.390; it is going well. President Smith (KE8JKS) spoke about the joint technical net he will be starting with the ARPSC on Mondays on 145.390.
- ARPSC H/T TESTING: Dan Beuchert (WX8MOJ) shared that the ARPSC chapter has thirty handheld radios that have been sitting for a couple of years and need to be function-tested;

they would like to have CMARC test them out. Secretary Vick, President Smith, and Dan Beuchert will each take ten rigs for testing. Dan will check with Jim Hannahs at ARPSC and circle back to us with more info.

- **TOWER WORK:** VP Dembinski (KD8YDE) stated that he would not be borrowing the club's gin pole after all; he would be renting a crane. It was asked if Club Member Pam Denhomme (KD8PSF) had gotten any help to take her tower down. It was not known, although one of the new members, Tom Horton (KD2GVS), had said he'd help out at the December General Membership Meeting.
- **TECH:** President Smith (KE8JKS) showed his new Raspberry Pi trainer box.
- **DONATIONS:** Treasurer Ranes (WA2NVK) asked President Smith (KE8JKS) if he has forwarded his letter soliciting donations to Tom Rocheleau (WA8WPI) to be posted on the CMARC website. He had not, but would do so. It was noted that the letter would be printed in the current issue of the Scope newsletter.
- **DUES:** VP Dembinski (KD8YDE) noted that 2021 membership dues were now due to Membership Director John Doornhaag (KD8NNQ). Cards will be mailed, however the US Postal Service is running slow. LCDRA dues for 2021 are also due at this time. Chris Ranes (NS8Q) stated that he had tweaked the membership renewal forms to allow people to specify how many years they wished to pay for.
- **SPEAKER:** Treasurer Ranes (WA2NVK) asked if anyone had a speaker for after the January General Meeting; if not, she and Chris Ranes (NS8Q) had a line on a local ham that would present a talk on POTA activations. They would check with him and get back to us.
- **USED HAM GEAR:** Discussion ensued regarding a lot of used vintage ham gear from Howard Foster and Mike Stocum. The feeling of the Board is that we have no obligation and no desire to deal with this, and we should decline to accept or list this gear.
- **WINTER FIELD DAY:** Secretary Vick (W8ZZX) asked if anyone planned on competing in Winter Field Day at the end of January this year; we will discuss it at the January Membership Meeting. Further discussion ensued. Several others exhibited interest in working WFD21 and contributing to the Club Aggregate Score. Chris Ranes (NS8Q) shared how well CMARC placed in the State Standings for earlier Field Day contesting.

Adjournment

- With no further business to discuss, it was Moved by Secretary Vick (W8ZZX), seconded by VP Dembinski (KD8YDE) to adjourn the January Board Meeting at 7:58pm.

Respectfully submitted,

Dave Vick, W8ZZX
CMARC Secretary

CENTRAL MICHIGAN AMATEUR RADIO CLUB GENERAL MEETING MINUTES

Friday, January 8, 2021

Attendance

Board Members Present: G. Smith (KE8JKS), D. Dembinski (KD8YDE), S. Ranes (WA2NVK), D. Vick (W8ZZX), D. McLain (KB8RAD), G. Mulder (WB8LZG), K. Fitzgerald (N9PC)

Board Members Absent: None

General Members: W8MKB, K8TS, AC8YF, WX8MOJ, KD8MWA, KD8NNQ, W8QF, KD8JXN, KC8QZB, N8CFM, K8JFM, WD8OVL, NS8Q, KE8PSR, W8TCC, KE8WSH, KD8TMW, KD8VJD, N8OUN, Gene Parker, WA8WPI, N8FZ, K8YHH, KC8ZLQ, KE8KFA, N8NTV, WD8PVS

Visitors: Tim Conroy (WB8HRO)

Call to Order

- The meeting began at 7:04pm
- VP Dan Dembinski (KD8YDE) led the club in the Pledge of Allegiance.

Sign-In Sheets

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

General Announcements

- This weekend is the CW portion of the North American QSO Party contest, from 1800 UTC Saturday, January 9th thru 1800 UTC Sunday, January 10th.
- President Smith (KE8JKS) noted he now had soldering kits for his upcoming Soldering Class; they're QRP transceiver kits for \$10 each. He stated he was seeking more interest in holding the class, and would be setting the class date soon.
- It was noted that there would be an LCDRA training meeting via Zoom on Monday, January 21st at 7pm. Mike Boensch (W8MKB) will be sending out a reminder.
- President Smith (KE8JKS) and Dan Beuchert (WX8MOJ) spoke about the upcoming Emergency Training & Tech Nets to be run as an LCDRA/CMARC joint venture on 145.390, Mondays at 7pm. The second Monday of each month is ARPSC Training Net, the third Monday will have no net, as it's the ARPSC Zoom meeting night, and the first and fourth Mondays are the CMARC Tech Net. If there is a fifth Monday in a given month, no net will run.
- Discussion ensued regarding the upcoming VE testing session on Saturday, January 9th at 11am at the West Lansing Church of Christ on W. St. Joe. Director Don McLain (KB8RAD) shared that he was expecting at least sixteen candidates to take tests.

- Dan Beuchert (WX8MOJ) gave the group an update on the CMARC Steering Committee's questionnaire. We still would like more input from members and area hams.
- Building Committee - No report; the next Committee meeting is Saturday, January 9th.
- Treasurer Shannon Ranes (WA2NVK) reported that President Smith's letter seeking donations had low results.

Cards & Flowers Report

- Treasurer Ranes (WA2NVK) submitted the following report: In memory of SK Michael Baird (N8NBZ) the club donated \$40 to the Capital Area Humane Society. In memory of Leon Tillitson, son of Don (WB8NUS) and MaryLou Tillitson, the club donated \$40 to the Delta Mills United Methodist Church. And in memory of SK Max Grove (WD8BDR), the club donated \$40 to The National Pancreas Foundation.

New Members & Visitors

- We were joined once again by visitor Tim Conroy (WB8HRO) of Okemos.

Treasurer's Report

- It was moved by VP Dembinski (KD8YDE), supported by Director Don McLain (KB8RAD) to accept the Treasurer's Report as published on the club website. The motion passed.

Secretary's Report

- It was moved by Secretary Vick (W8ZZX), supported by John Doornhaag (KD8NNQ) to accept the Secretary's Report as published on the club website. The motion passed.

Interesting QSOs, QSLs, DX, & Other Contacts

- Michael Wetzel (W8QF) reported contacts in Brazil & Germany.
- Secretary Vick (W8ZZX) reported a QSO with HK3C near Bogota, Columbia on 10m.

Old Business

- VP Dembinski (KD8YDE) reported on the Morning Drive net on 145.390. Attendance is growing.
- Treasurer Ranes (WA2NVK) reported the club still had 40 copies of the CMARC Cookbook left to sell, she had sold seven copies this past December. Copies are \$5 each.

New Business

- Secretary Vick (W8ZZX) spoke on the upcoming Winter Field Day on the last weekend in January. He had posted the contest rules link on the CMARC facebook page.

For the Good of the Order

- Secretary Vick (W8ZZX) noted that the FCC has raised the rates for licensing to \$35. The effective date of the fee schedule has not been established, but it will be announced in the Federal Register at least 30 days in advance.
- Carl Canfield (K8YHH) noted that an email address is now required by the FCC for all hams' identification files. The new rule takes effect June 29th.

- Gregg Mulder (WB8LZG) announced that his daughter-in-law got her ham license. She is now KD6MTD.

* Further discussion ensued regarding tomorrow's VE session.

Adjournment

- With no further business to discuss, it was Moved by Secretary Vick (W8ZZX), seconded by VP Dembinski (KD8YDE) to adjourn the business meeting at 7:49pm and move to the social portion of the evening.

Tonight's Presentation

- There was no presentation

Respectfully submitted,

Dave Vick, W8ZZX
CMARC Secretary

CLASSIFIEDS

Ed Hude / WA8QJE
Cell: (517) 420-7550
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

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

\$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

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.



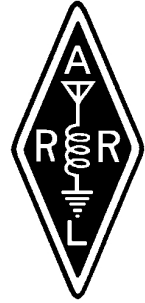


Central Michigan Amateur Radio Club

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

Contact Information	
First Name: _____	Last Name: _____
Call Sign: _____	License Class: _____ Phone #: _____
Address: _____	Apt/Unit: _____
City: _____	State: _____ Zip Code: _____
Birthday: _____	Anniversary: _____
Email: _____	Sign up for the List Serv: <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	
Newsletter Preference <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>
ARRL Affiliation	<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
Full:	<input type="checkbox"/> Annual Dues: \$15.00 <i>Includes voting rights.</i>		
Family Mbrs:	<input type="checkbox"/> Annual Dues: \$7.50 ea. No. of Family Members: _____		
ARRL Affiliation	<input type="checkbox"/> I am an ARRL member Membership Card <input type="checkbox"/> Yes <i>(Please see above)</i>		

Contact Information	
First Name: _____	Last Name: _____
Call Sign: _____	License Class: _____ Phone #: _____
Address: _____	Apt/Unit: _____
City: _____	State: _____ Zip Code: _____
Birthday: _____	Anniversary: _____
Email: _____	
<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: