



THE SCOPE



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

VOLUME 19, ISSUE 4

JULY/AUGUST/SEPTEMBER 2019

CENTRALMIARC.COM

It's HamFest Time!!



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Saturday, September 7, 2019.

Thank you to Dan KD8YDE for
organizing this years event,
and to all the volunteers
who made the event a
success! Pictures and stories
to come in a future issue.



PHOTO BY: TIM CLAY (K8THC)

Treasurer's Reports 2019

Daniel Beuchert / WX8MOJ- CMARC Treasurer

Bank Balances for May	
Beginning Balance	\$3,439.36
Total Monthly Income	\$360.00
Total Monthly Expenditures	(\$827.84)
Total Business Checking	\$2,971.52
Petty Cash	\$1.00
Outstanding Checks	(\$40.00)
Sub Total + Petty Cash	\$2,972.52
Primary Share Accounts	
Humphrey's Fund	\$383.92
Building Fund (Club Station)	\$19.09
Field Day	\$528.59
Total Net Worth	\$3,904.12
Youth Fund Balance*	\$254.52
* Separate from CMARC Funds	

Bank Balances for June	
Beginning Balance	\$2,971.52
Total Monthly Income	\$424.97
Total Monthly Expenditures	(\$1,038.97)
Total Business Checking	\$2,357.52
Petty Cash	\$1.00
Outstanding Checks	(\$0.00)
Sub Total + Petty Cash	\$2,358.52
Primary Share Accounts	
Humphrey's Fund	\$383.95
Building Fund (Club Station)	\$19.09
Field Day	\$178.65
Total Net Worth	\$2,940.21
Youth Fund Balance*	\$254.54
* Separate from CMARC Funds	

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.

**Have YOU considered being on the
CMARC Board of Directors?
Nominations take place in November,
with elections in December.
If you have any questions, please speak
with a current or former Board member.**

August Birthdays:

1st	Charles Stahl / N8DWI
2nd	Dan Cameron / KD8QBF
3rd	Joel Zachrich / N0KEX
5th	Mark Anderson / KD8RQU Mark Lovegrove / KE8GQX
7th	Jeremy Kapella / KD8ZZJ
8th	John Tyree / W8JTT
9th	Dan Stockwell / KD8YVA
11th	Debbie Headley / KD8YUX
12th	Jon Seaver / N8SUA
14th	Sam Fitzgerald / N8FPR
17th	John Strong / AC8ML
27th	Matt Beha / N8BPI Chris Ranes / NS8Q

August Anniversaries:

9th	Mark Lovegrove / KE8GQX
10th	Bill Wing / W2PMH
12th	Chris / NS8Q and Shannon / WA2NVK Ranes
14th	John / KC8QZB and Jane / KC8FSK Hosford
22nd	Dan / W8VVR and Barb Fuller
24th	Scott Norris / KD8ZFS
28th	Peter / AC8YF and Karin Miller
31st	Matt McCormick / KE8CRV

September Birthdays:

1st	Jim Stoddard / KA8TLC Matthew Taylor / KD8JIA
7th	Jeff Beck / W8EAS
11th	Jean Wixson / K8MUS
17th	Jeremiah Sevrey / KC8EIA
18th	Jimmy Dunahoo / KD8IWQ
24th	Kelly Fitzgerald / N9PC Erich Vedder / KD8YUZ
26th	Vicki Dembinski Tim Schuchaskie / KE9HIY
28th	Richard Greeson / KD8HLR
30th	John Hosford / KC8QZB

September Anniversaries:

6th	Erich Vedder / KD8YUZ
10th	Matt / W8MAT and Jennifer Warncke
11th	Herbert Terbrack / KB8QEZ
12th	Jon / N8SUA and Jessica Seaver Randall Stortz / K8VY
16th	Tom / WA8WPI and Carolyn Rocheleau
23rd	Eugene / KK4DIY and Susie Brown

Upcoming Meetings:

CMARC MONTHLY MEETING

When: 7:00 pm, Friday, July 12, 2019
Where: Lansing Mason Area Ambulance Training Facility
807 Kerns Rd., Mason, MI 48854

CMARC MONTHLY MEETING

When: 7:00 pm, Friday, August 9, 2019
7:00 pm, Friday, September 13, 2019
Where: Lansing Mason Area Ambulance Training Facility
807 Kerns Rd., Mason, MI 48854

ARPSM MONTHLY MEETING

When: 7:00 pm, Monday, July 15, 2019
Where: Lansing Fire Station 48
off Marshall Rd. South of Grand River.

ARPSM MONTHLY MEETING

When: 7:00 pm, Monday, August 19, 2019
7:00 pm, Monday, September 16, 2019
Where: Lansing Fire Station 48
off Marshall Rd. South of Grand River.

ARRL Volunteer Exams



Sponsored by the "Ingham County VE Group"

To best accommodate the various schedules of those wishing to test, the Ingham County VE team meets on either a Saturday morning or Thursday evening, every other month. We test in the Community Room at Lansing Fire Station #44 located at 1435 E. Miller Rd., Lansing, MI 48911-5322.

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

Saturday, June 22, 2019 (Field Day)

General: Dawn Beuchert (KD8MWA), Tim Schuchaskie (KE8HIY)
Technician: Lawrence Strzalka (KE8MOB), William Dieterly (KE8MOA),
David Blandford (KE8MOC)

Saturday, July 13, 2019

Technician: David Badgley, Jr. (KE8MQN)

Thursday, August 1, 2019

General: Kevin Ellis (KC8NBT)

Upcoming VE Exams

Saturday, July 13 @ 11:00 AM

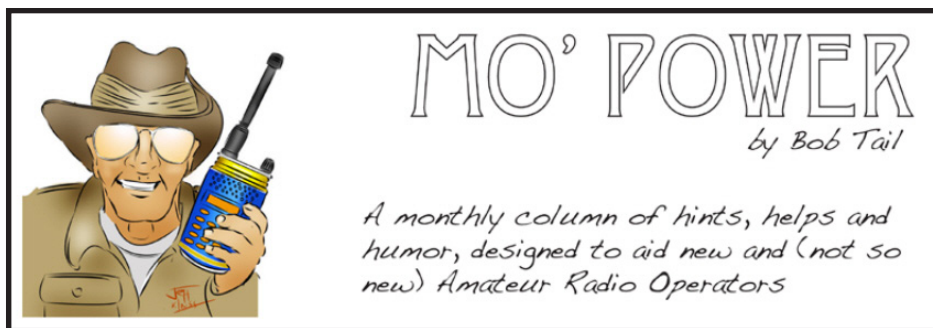
Thursday, August 1 @ 7:00 PM

Saturday, September 7 @ 11:00 AM located at the Okemos Conference Center (CMARC Hamfest)

Thursday, October 3 @ 7:00 PM

Saturday, November 9 @ 11:00 AM

Thursday, December 5 @ 7:00 PM



Perhaps it's just a sign of the times, or maybe I'm getting older. Does everything seem to be moving much faster these days?

I was casually tuning the radio today. Sort of listening and daydreaming at the same time, when it occurred to me that there are far too many folks in way too much of a hurry to "work them all". I thought back to a time when cell phones did not yet exist. No computers. No internet. No DX Cluster. A time when most correspondence was done by letter. A post would take nearly a week to go across the country to Perth. The round trip through the outback to get a return post would take weeks. A time when even a telephone was a luxury, and you had a "party line" with several circuits tied to each other. Besides, they were only used for important or urgent business. A fond trip back to an earlier time when radio itself was a wonder.

A simpler time when there were no businesses open on Sunday.

Sunday was for worship, relaxing, rope-yarn and dinner with family, in that order. You remember dinner at Grandma's, don't you?

As a young lad in high school I earned me ticket along with another school chum. We both put together simple 1 valve transmitters, and along with some donated WW2 surplus receivers, we were radio hams!

The fun we had banging out CQ's with about 8-10 watts feeding dipoles n such for aerials. Many a night we would listen to the sounds of foreign voices late into the morning and wonder where they were. Then compare notes in school the next day.

Funny thing, I don't "speaken z duetche", but when

hear 2 German stations conversing, I just have to stop and listen in. Some languages are very beautiful to the ear, and pleasurable to listen in. Don't you agree?

Simple things like your very 1st QSO. Oh yes, a thrill I'll never forget. Or being someone else's very 1st contact. Remember yours?

Simple things like calling CQ and having a DX station answer! I remember vividly the excitement of the 1st time I "hopped the pond" as a Japanese station answered my CQ. I just about fell out of my chair! Couldn't wait to tell everyone! I ran right into the kitchen straight away to tell me Mum too! She didn't quite understand all the commotion yet was happy for me just the same.

Simple things like running home from school to check and see if the path was open to South America or the U.S.

Simple things like getting through to loved ones in time of heavy storms when the tely, the lights. and the lines all out. Radio's utility has been a great comfort at times when all other communication is gone.

I was fortunate that some of the Ol' timers in the Adelaide club took me under tutelage at a young age, and as the years went along, they helped me to advance up the license ladder. With their guidance and patience, I became interested in Contesting, QRP, and DXing.

Simple things like, relaxing with a hot cup of coffee in the "wee hours" of the dawn, working DX on the gray line, with the whole world at my calls.

Simple things like, I remember my 1st contest. They all seemed to be sending at 100 Kilometers per hour! Intimidation gave way to elation as the 1st one went into the log. Then the next. Then it was fun!

See **MO POWER**, Page 6

I'll always remember the smile on my "Elmer's" face when after many years of contests together, I had finally surpassed even him in speed and CW savvy. He said nothing... just a smile as he continued to log with me. That said it all.

I recall some of the stories the Ol' timers would tell late in the evening when the "real testers" and hoot owls were the only ones listening in. Fascinating first-hand accounts in radio history that only the late-night sky miners were privy to hear.

Simple things like fabricating me own aersials from scratch, raising them up and having them work better than my chum's commercial lash up from down the way.

Simple things like the pride I felt after me own sons passed their Foundation tickets. Having had watched the "OM" as they grew up, they were naturals. I believe in many ways radio has enriched their lives also.

Simple things like, after many years of weekly QSOs with a radio friend from far away, you finally meet face to face, have that "eyeball", and become even greater friends. Close friends for a lifetime.

Simple things like getting lost on me 1st trip into Sydney. I turned on the radio and instantly received directions from a local chap who guided me right to the destination. Sure, gave me a warm welcome to a big town.

Simple things like helping a local ham with an antenna

party. A wonderful way for the Ol' timers to pass on precious tidbits of knowledge to the upcoming youngsters in the hobby and the next generation of hams. Many good friendships have been formed while working together, hoisting up a halyard for an aerial support.

Simple things like going to a hammy swap and finding just what you were hoping for and getting a bargain in the exchange.

Simple things like helping with teaching fundamentals to a class of new students for their "Foundation" tickets. Giving them a trail to follow into this wonderful hobby.

Simple things like "please and thank you". Kind words that often are forgotten in this fast-paced world. A little courtesy surely is preferable to QRM.

These are but a small sampling of the wonderful things that will bring a grin to most anyone.

So, remember to embrace the simple things in life. It may just help make this supersonic world turn a little slower. Be the operator that garners the respect of your fellow Hams, family and friends. Be patient in learning the radio art. Don't despair if you haven't worked them all. Patience is the DXers best virtue. Remember the simple pleasures in radio. The ones that make you smile. When all it takes is a few watts, a piece of wire, and dream.

'Till next we meet, Good DX, and fair winds. ■

73, Bob Tail

2019 CMARC Field Day Wrap-up

By Dan Beuchert, WX8MOJ

Looking back on Field Day, it was a great weekend to operate, especially with all of the torrential rain that had come in the preceding week. Most Field Day operations include some degree of weather to battle, but it seemed like we hit the jackpot this year with the weather.

As we have done in the past, we operated as a 3A station with CW, SSB, Digital, VHF (6m), and a GOTA station. Many thanks to the station chairs for these stations, who have donated time and equipment to this effort! There were also many people who helped out greatly to make sure that all the logistics were taken care of and operations could be successful! The Station Chairs were Gregg Mulder for CW, John Hosford and Dave Vick for SSB, Michael Boensch for Digital, John Tyree for VHF, Clyde Tompkins with help from Brian Wellwood and Gordy Smith for GOTA, Randy Williams for Power and Networking, Jeff Goeke-Smith and Dennis Boone for the Fox Hunt, John Doornhaag for VE, John Winn for safety, Dan Dembinski for cooking and grilling up a storm making sure nobody left hungry, Shannon Ranes for the rest of the food / donations setup, and also countless volunteers that helped throughout the duration (and I can assure you I've probably missed names in this list that did a LOT of work helping us all out)! To everyone who helped out, many thanks for helping make Field Day possible and enjoyable! There is a lot of time, effort, equipment, and logistics required to pull this off!

As Field Day chair this year, having been involved at various levels for a few years, I've gained an appreciation of just how many people in our club and amateur radio community come together to make an event like Field Day a success and enjoyable to all who attend. No matter what the problem is, people will take time out of their day and make sure that the problem is fixed as best it can be. I want to thank each and every person who came out, helped out, planned, coordinated, made a phone call or email, joined the Field Day committee, cooked, provided logistics and support, or did anything to help Field Day

a possibility. This last Field Day I felt the least stress coordinating the event that I've ever had, and that is a direct reflection of all the work that everyone put into this event. You have my heartfelt thanks!

As for contacts, there were many made. The preliminary results are as follows: CW with 430 contacts, Phone (SSB) with 213, Digital with 122, VHF with no contacts, but a gallant effort through tough band conditions, and GOTA with 45 contacts from 12 operators – AND we have a successful copy of the ARRL bulletin thanks to CW! We also had quite a few (around 80!) visitors to our Field Day, including the Mayor and Police Chief of the City of Mason!

Over the past seven years, there have been a great deal of donations from the community that have made Field Day cost little to nothing for many years. This has allowed us to save up in our Field Day fund, and no doubt free up funds to explore other endeavors. This has been spearheaded by Jim and Ginny Hannahs, with help from Shannon Ranes and Randy Williams. Some of these sponsors have given to our Field Day efforts for seven straight years, and include the Mason A&W, Big Boy, Biggby Coffee, City Limits, Hungry Howies, Independent Bank, Little Ceasars, Merindorf Meats, Supreme Rental (which has donated porta-johns for 7 years straight!), Amy's Catering in Lansing, Blackhawk Hardware in Leslie and the Valu Land in Leslie. We have a lot of local businesses that are happy to help out Amateur Radio in the area! If you can, show some thanks to the sponsors that have donated to our Field Day operation!

Again, thank you to all who helped, who came, who operated, and who showed what it means to be a HAM!

Thanks and 73,

DanB - WX8MOJ

2019 CMARC Field Day Wrap-up



PHOTOS BY: DAN BEUCHERT (WX8MOJ) AND SHANNON RANES (WA2NVK)

Can you copy at 20 words per minute by hand?

By Dan Romanchik, KB6NU

About a month ago, this email from the ARRL was sent to the CWOps mailing list:

*From: Fusaro, Norm W3IZ [mailto:w3iz@arrl.org]
Sent: Monday, July 1, 2019 4:00 PM
Subject: WIAW Code Proficiency Certificate
Greetings Morse Code Enthusiasts.*

I have some exciting news that I want to share with you! The ARRL has reinvigorated the WIAW Code Proficiency Certificate program. Several things have changed beginning with our new sponsor, Vibroplex, a legend in Morse telegraphy equipment. If you see Scott Robbins W4PA and the Vibroplex team at a hamfest or convention please be sure to thank him for his support. The Vibroplex logo will appear on the newly designed certificates (see below) and in the award recipient page that will appear every month in QST.

That's right, each month in QST we will publish the most recent recipients of the WIAW Code Proficiency Certificate, beginning with all the 2019 recipients. As a bonus, we are sending all the 2019 CPC holders a new certificate at no cost to replace their older style award.

The award is available to anyone who copies one solid minute of code during the qualifying runs. Complete program details can be found on the web at <http://www.arrl.org/code-proficiency-certificate>.

And to make the award available to more people we will double the number of opportunities to copy the CW text. Beginning September 2019, the qualifying runs will increase from twice per week to four times per week.

I am sharing this advanced notice with the Morse code clubs so that you can share it with your members. I have attached PDF files of the new certificate and the announcement that will appear in August QST, available in digital format July 8. I hope you are as excited about this as I am.

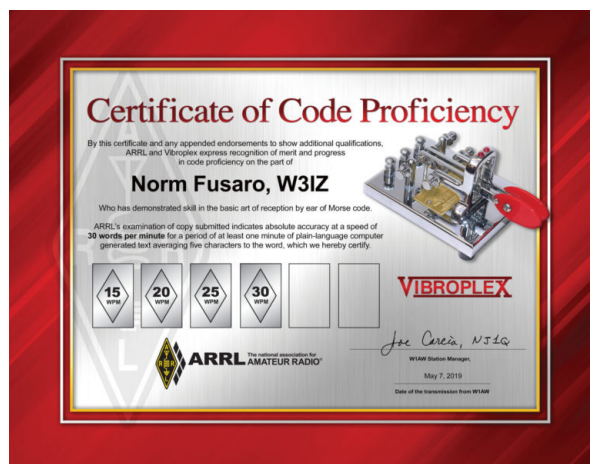
In closing, I want personally thank all of you who promote the use and proficiency of Morse code on the air waves and ask that you challenge your club members to submit their copy for the WIAW Code Proficiency Certificate.

73.
Norm Fusaro, W3IZ
Director of Operations

Almost immediately after I posted this to my blog (at KB6NU.Com), my friend, Paul, KW1L, replied, "How does one copy legibly at 40 wpm?" When I replied, "Typing," he countered, "On page 98 of the July 2019 QST, it says, 'Legibly copy at least 1 minute of text by HAND...'"

To this, I replied, "Well, I guess you and I are both screwed then. I can't copy by hand at 20 wpm, and it's really not worth it to me to practice and get that fast. I'm guessing that I'm not alone in this regard. The upshot is that the ARRL is going to be sending out a lot fewer of these Vibroplex certificates than they think."

I then emailed W3IZ for a clarification. He shot back, "By hand is to mean not using a code reading machine." I suggested that he clarify this, both on the ARRL website and in QST. Of course, they haven't yet taken my suggestion, and the website still reads, "Copy one of WIAW's qualifying runs and submit one minute of solid copy (legible)." ■



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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 is one of the presenters the ICQPodcast (ICQPodcast.Com). Feel free to reply to his CW CQs at any speed you so choose.

When will the robots take over?

By Dan Romanchik, KB6NU

It's inevitable. At some point, machines are going to render humans irrelevant. It's been a recurring theme in science fiction since before I was born (1955), and there are numerous predictions of the Singularity, the point in time when machines will be smarter than human, occurring between 2030 and 2045.

It may happen in amateur radio sooner than we think. A couple of days ago, one of my readers, sent me a link to a blog post by John, AE5X: Automated FT8 "FoxBot" in upcoming DXpedition – confirmed. He wrote:

"A DXpedition to Tokelau will take place from 1 to 11 October and it will be your chance to work an FT8 robot operating in Fox/Hound mode."

"Stathis SV5DKL has been working on a "FoxBot" for some time now, is listed as a partner to this DXpedition and has confirmed that the DXpedition will be using his FoxBot."

John has since updated this post, noting "The SV5DKL logo has now been removed and the DX team will be in 'full compliance' with the mode." Full compliance meaning following the rules set up by the ARRL DXCC rules.

The ARRL is, of course, against the use of robots. A recent ARRL Letter noted:

"ARRL has incorporated changes to the rules for all ARRL-sponsored contests and DXCC, prohibiting automated contacts and requiring that an actual operator is initiating and carrying out a contact. These changes also apply to Worked All States (including Triple Play and 5-Band WAS), Fred Fish W5FF Memorial, and VUCC awards. The changes are effective immediately and affect the rules for both HF contests, and VHF/UHF contests as well as DXCC."

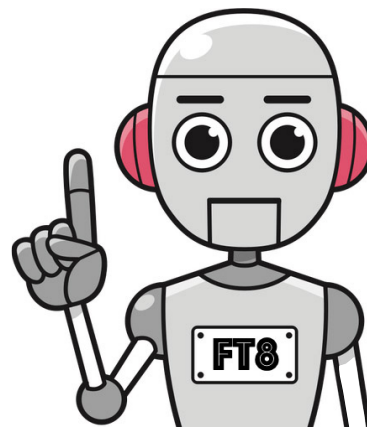
"A resolution at the July ARRL Board of Directors meeting pointed to 'growing concern over fully

automated contacts being made and claimed' for contest and for DXCC credit. The rules now require that each claimed contact include contemporaneous direct initiation by the operator on both sides of the contact. Initiation of a contact may either be local or remote."

As AE5X says, however, the use of FT8 robots in the future is a certainty. Sooner or later, some DXpedition is going to use an FT8 robot without saying anything about it. How is the ARRL going to know that a DXpedition is using robots if the DXpedition operators don't tell them?

I'm wondering when some DXpedition is going to give up on SSB and CW altogether. Why bother with those modes when you can make hundreds or thousands more contacts by just operating FT8?

Another thought just occurred to me. If the ARRL gets its way and Techs are awarded HF digital privileges, how long will it take for some enterprising Tech to make the DXCC Honor Roll using FT8 exclusively. Oh, the horror of it all! ■



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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). When he's not wondering when robots are going to take over the world, he likes to (manually) operate CW on the HF bands.

CENTRAL MICHIGAN AMATEUR RADIO CLUB

BOARD OF DIRECTORS

MEETING MINUTES

May 4, 2019

Board Members Present: Dan Beuchert (WX8MOJ), Michael Boensch (W8MKB),
Don McLain (KB8RAD), Gregg Mulder (WB8LZG),
Shannon Ranes (WA2NVK), Gordy Smith (KE8JKS),
Board Members Absent: Carl Canfield (K8YHH) - vacation
Guests: Chris Ranes (NS8Q), Bill Thompson (KE8KFA)

President, Michael, called the meeting to order at 6:38 pm.

Club Directory - Gregg - Sent to printer.

HamFest - Michael figured out a possible layout. Price was also figured out. Need to figure out logistics. Gordy said if people want electric power, we need to provide our own extension cords or the vendors need to provide their own cords and equipment. Ok to use the wifi and power at the Conference Center. 6 foot tables. If run out of room, can run into the hallway. When vendors sign up, have them request power. ARRL approved us to use their logo. Chris Ranes is working on the flier and asked about "big" vendors. We need permission from some vendors to use their logo on fliers and advertising. ie. Yaesu. ***Motion by Dan to approve additional funding to the Okemos Conference Center for a total of \$625 including service fee and tax, second by Don, approved by all, motion carried.***

Field Day - Dan passed out letter Jim Hannahs sending out. Discussion regarding donations and how they are obtained. A preliminary Field Day Meeting will be next Saturday, May 11, 2019. Then HamFest Meeting after that.

Building clean up day - Yard work (rake, bag leaves, trim). Saturday, May 18th.

Club Photographer/PIO - Don asked about being at events or others taking photos.

Ladies Night - Only about 18 people RSVP'd so far.

Soldering Class - Gordy said it went well. Everyone finished their project that day and took it home.

Antenna Class - Gordy - Would like to do a class. Has the copper pipe. Maybe a j-pole. Wants to purchase a good antenna meter. Wants to do a class on antenna meters for the next level. Discussion about what would be a good class for “common” versus an in-depth/intensive.

Michigan QSO party - Gregg - April 20th - 3 people attended and operated 6 hours. 100 QSO's were made. First contact was with W8SH and last contact was with W8SH. Gregg had a few comments for us. Nova Scotia was the DX contact for the day.

New Antenna - Two day project: 1st day inventory/assemble/tune, 2nd day install. We will pay for lift truck and Dave Vick (W8ZZX) will drive it. The old antenna held through Winter.

Club/Building Contact - Dan B. is officially the contact with Kevin now. He has been informed about the May 11th VE Testing in afternoon. Mentioned May 18th clean up day and our intentions, but has not heard back from Kevin. Justin has Dan's contact info. Gordy let Clyde know Dan is now the contact.

Skywarn - Dan said it was held Saturday, April 13th. About 90 registered. No one left a card and no cards goofed. They had moved 150 chairs in there (had been told only 100 chairs).

Technician Class - This morning was the last class with follow up and VE testing next week.

PayPal - Dan is checking on this option for dues and donations.

CMARC Membership - Two more since the last meeting. Down about 20 from last year. About 20 less, but slowly whittling that away. Discussion.

-How can we bolster CMARC? Can't beat it out of them, can't guilt them into paying.

-Interesting meetings, activities, free food, “open radio” night, “bring a friend” night, invite people.

-Some non-hams purchased items from Jim Harvey's estate, in anticipation of obtaining a license.

-Patience. Can't make people do something.

-Need to be a “doing and teaching” club. If we have enough members, maybe have a training budget or something like that. (ie. buy people a soldering kit)

-If we can get them to activities like Field Day, and keep them excited about the hobby.

-New people are on the air. They think the club is great.

LCDRA - Michael is now Treasurer in addition to Membership Chair. Shannon asked about how many members - 26. Last year about 45.

Supplies for the building - ***Motion by Don to purchase some basic supplies, second by Gregg, approved, motion passed.*** Dan purchasing soap and fix paper towel dispenser. Not low on toilet paper and paper towels. Commercial toilet paper and other supplies in here.

MOTION: *With no further business to discuss, Don McLain (KB8RAD) moved that we adjourn the meeting, seconded by Dan Beuchert (WX8MOJ), approved, and the motion carried.*

The meeting was adjourned at 7:52pm.

Respectfully submitted,

Shannon Ranes (WA2NVK)
CMARC Secretary

CENTRAL MICHIGAN AMATEUR RADIO CLUB

MEETING MINUTES

May 10, 2019

Attendance

Board Members Present: Dan Beuchert (WX8MOJ), Michael Boensch (W8MKB),
Gordy Smith (KE8JKS)

Board Members Absent: Carl Canfield (K8YHH), Don McLain (KB8RAD),
Gregg Mulder (WB8LZG), Shannon Ranes (WA2NVK)

Call to Order

- The meeting began at 7:24 pm.

Treasurer's Report

MOTION: *Dan Dembinski (KD8YDE) moved to accept the Treasurer's Report as published on the CMARC website, seconded by John Doornhaag (KD8NNQ), approved, and the motion carried.*

Secretary's Report

MOTION: *Ben Barker (WD8OVL) moved to accept the Secretary's Report as published on the CMARC website, seconded by Dan Dembinski (KD8YDE), approved, and the motion carried.*

Tonight's Presentation

- Ladies Night / Ziegenbein Award Banquet

The meeting was adjourned at 7:26 pm.

Respectfully submitted,

Shannon Ranes (WA2NVK)
CMARC Secretary

CENTRAL MICHIGAN AMATEUR RADIO CLUB
BOARD OF DIRECTORS
MEETING MINUTES

June 8, 2019

Current Board Members Present: Dan Beuchert (WX8MOJ), Michael Boensch (W8MKB),
Carl Canfield (K8YHH), Don McLain (KB8RAD),
Gregg Mulder (WB8LZG), Shannon Ranes (WA2NVK),
Gordy Smith (KE8JKS)

Current Board Members Absent:

Guests: Chris Ranes (NS8Q), Bill Thompson (KE8KFA),
Tom Rocheleau (W8WPI)

The meeting began at 6:45 pm.

FIELD DAY

~Dan Beuchert mentioned MSUARC will allow us to borrow some band pass filters for Field Day. The Board had already ok'd the purchase of three band pass filters, so Dan is purchasing them this week.

~John Hosford/Dave Vick - SSB

~Randy Williams / Michael Boensch - Digital

~Gregg Mulder and gang - cw

~John Tyree - 6 meter

~Brian Wellwood willing to be GOTA chair or help out. Dan will contact Clyde and Gordy as well. **Gordy arrived to the meeting and said he is willing to do whatever. He can pick up Clyde since he is in Jackson. Dan reminded everyone that the person who chairs GOTA needs to be there from beginning to end. Gordy would like to wander. He will talk with Clyde. Gordy would like a seasoned HF operator next to him.

~Looking at putting stations together so if not operating can hang out and check out other stations. Maybe more interaction between operators.

~Looking at another meeting for station heads so everyone knows what is going on. Also know where everyone is parking.

~Carl mentioned public may be more interested in voice and digital, so keep those close and accessible.

~Michael mentioned even though stations close together, antennas don't need to be.

~Gordy mentioned he has some industrial cords and extension cords he will bring.

~Dan is working on letter for Ed Hude to let City Council know. Points for City Council stopping in, as well as other officials.

~John Winn is Safety Officer.

~Jeff Goeke-Smith and Dennis Boone planning to do a Network Field Test this weekend.

~Gordy is planning to donate to the Field Day fund.

~Discussion about mesh net.

~Clint Hannahs offered "The Beast" antenna. Dan will send a notice to the Field Day Chairs and let them know it is available for use.

~Gordy has offered his antenna that he purchased for last year's Field Day.

~Michael has rope lighting he will bring.

~Dan asked for permission to purchase stakes for Field Day.

Motion by Gordy to purchase as many the tent stakes as we need, seconded by Don, approved by all, motion passed.

HAMFEST

- ~HamFest flier looks great! Thank you, Chris Ranes!
- ~Don McLain mentioned to Tom Rocheleau that the Field Day VE session will be at 1:00pm.
- ~Gordy asked if the money has been paid to the Conference Center to secure HamFest. Michael and Dan mentioned we need the revised contract so the Board can ok it and Dan can write the check.
- ~Gregg asked about having a CMARC club table to get rid of excess equipment. He is willing to staff the table.
- ~At CMARC meeting we will ask if people are interested in donating prizes or know a vendor who might be interested in coming.
- ~Gordy worked out with Bill (at hotel) originally about NO TRUNK SALES.

UPCOMING MEETINGS

- ~Dan Beuchert is the June CMARC Meeting Presenter/Speaker.
- ~Dan Dembinski has someone for DMR. Don mentioned "Mikey and Jeff".

MISC.

- ~Gregg has the CMARC Club Directory proof and passed it around for everyone to see.
- ~Gordy mentioned at the 5/18/19 work day, we cut bushes, removed railroad ties, pulled out grapevine (with Tim Clay's truck), John Doornhaag mowed, etc. Would like to do another work day. Possibly in the Fall, after the busy Summer.
- ~If plan to do something at the club building, need to make sure it is ok with Kevin (building owner). The Board also needs to know if something is going to happen at the building. Maybe 3 days notice to the Board so we can contact the building owner (Kevin) and/or Justin (coordinator of CPL classes). **Mention at the CMARC meeting.
- ~Shannon asked Michael if he had been contacted by the boy scouts. Don forwarded Michael the email. They will let them know the new date.
- ~Gordy had soldering class. Would like to do another one. Indoor weather class. Need more power strips in here. Preferably coming from the ceiling. Don't need surge protector on them, just power strip. Would like to do a spectrum analyzer class later this year. (General and Extra level.) ***Don moved we purchase power strips.*** Dan asked that Gordy look into the price of power strips and what available before we actually consider purchasing.
- ~Comments regarding Ladies night.

MOTION: *With no further business to discuss, Don McLain (KC8RAD) moved that we adjourn the meeting, seconded by Gregg Mulder (WB8LZG), approved, and the motion carried.*

The meeting was adjourned at 8:18pm.

Respectfully submitted,
Shannon Ranes (WA2NVK)
CMARC Secretary

CENTRAL MICHIGAN AMATEUR RADIO CLUB

MEETING MINUTES

June 14, 2019

Attendance

Board Members Present: Dan Beuchert (WX8MOJ), Michael Boensch (W8MKB),
Carl Canfield (K8YHH), Don McLain (KB8RAD),
Gregg Mulder (WB8LZG), Shannon Ranes (WA2NVK),
Gordy Smith (KE8JKS)

Board Members Absent: 0

General Members: 26

Visitors: 2

Call to Order

- The meeting began at 7:09 pm.
- Tom Rocheleau (W8WPI) held the Flag for the Pledge of Allegiance.

Sign-in Sheets

- Please make sure to sign the sign-in sheets circulating around the room at each meeting. One sheet for members and another for visitors. We use these sheets to keep track of how many people visit us each month.

Cards and Flowers Report:

- Bill Cote (WD8NYW) - Get well card
- Ron Harger (WD8BCS) - Sympathy card. Passing of father-in-law
- Clint Hannahs' (KC8EHR) father / Jim Hannah's (KC8QWH) brother passed (Gene)
- Moment of silence

New Members / Visitors

- Anna May and Elijah - Jolyon Vincent's (KD8HZY) children

Treasurer's Report

MOTION: *Dave Vick (W8ZZX) moved to accept the Treasurer's Report as published on the CMARC website, seconded by Don McLain (KB8RAD), approved, and the motion carried.*

Secretary's Report

MOTION: *Ben Barker (WD8OVL) moved to accept the Secretary's Report as published on the CMARC website, seconded by Dave Vick (W8ZZX), approved, and the motion carried.*

Interesting DX or Other Contacts

- Dave Vick (W8ZZX) - Couple contacts Ireland. Brought
- John Winn (KE8CYC) - got "worked all states"
- Gregg Mulder (WB8LZG) - worked Alaska on 10 watts. Field Day style from North Dakota.
- Justin Macauley (WD8EHT) - Europe on 10 meters
- Ed Oser (W8EO) - W8SH is active

Old Business

- Did you fill out your questionnaire? Blank copies are available tonight. Dawn Beuchert compiling info from questionnaires on committee lists.
- Club Directory - Gregg Mulder has them available tonight.
- Spring Cleaning Day - Gordy Smith - Commended John Doornhaag who came early and mowed, trimmed, etc. Yard clean up, bushes trimmed and pulled.
- Field Day - Discuss after the Break
- HamFest - Flier finalized and will have at Field Day to hand out, plus email out. Working on table details. Will send out email after holiday with details.
- Ladies Night - 5/10 - Congrats Tom Rocheleau as 2018 Ziegenbein Award winner.

New Business

- Field Day - next weekend, June 22-23, 2019.
- Fall Clean up day - Gordy Smith. Paint window sills and bare wood and rot. Replace wood. Jolyon has four or five rollers and a paint stick and can donate a can of paint. If we can get the wood, Dave Vick will bring in saw horses.
- HamFest - September 7, 2019 at Okemos Conference Center. Dan Dembinski (not at meeting due to son's wedding) is taking table orders for vendors. He also has door prizes.
- Jolyon has a couple analog tv's to donate. Gordy mentioned they would only work for slow scan TV and explained which tv type would be best to use. Consensus of members we don't need.
- John Doornhaag (KD8NNQ) and team put pneumatic tires on "coffin" last week.
- Gregg brought in cw keys for us to look at.
- The back table is full of misc. parts and pieces that people can take.
- ARRL is looking for a Public Information Officer. The former one passed away and Ed Hude (WA8QJE) has been helping out.
- Ed Ozer (W8EO) thanked the VEC for testing each of the new MSU licensees. The repeater on 442.49 is very quiet and there is nothing worse than a quiet repeater. Al Wright (KE8DR) is also usually around to say "hello". PL is 77 Hz.
- Justin McAuley - On 146.700, cannot hear the autopatch. The person he was calling could not hear him.
- Ed Ozer - UofM beat MSU in the MI QSO party. QST magazine had an article that mentioned the trophy Gregg Mulder built.
- Dan Beuchert - At last Board meeting, approved the purchase of 20m, 40m, and 80m filters for Field Day. Also borrowing from MSU. May help when cw on a band, voice on a band, and digital on a band. This also opens up the option to use two radios simultaneously on two antennas here at the club.
- Justin McAuley brought a couple DIY items for members to view.

Adjournment

MOTION: *With no further business to discuss, Brian Wellwood (KD8ONC) moved that we adjourn the meeting, seconded by Bob Crawford (K8ZAP), approved, and the motion carried.*

The business meeting was adjourned at 7:42 pm.

Tonight's Presentation

- Dan Beuchert - Field Day - June 22-23, 2019.

Respectfully submitted,
Shannon Ranes (WA2NVK)
CMARC Secretary

CLASSIFIEDS

Gregg Mulder / WB8LZG
(517) 646-6257 after 3pm

\$425

Elecraft K1 HF XCVR Kit

*UNBUILT, new in box, 4-bands
with backlight, extras*

\$225

**Ten Tec Argonaut 509 QRP HF
Transceiver**

*D104 Mic, Speaker, Nice
Condition, and works fine!*

\$100

**Astatic D104 "Silver Eagle"
Mic**

Excellent condition

\$100

**Vibroplex "Code Warrior"
Iambic Chrome Paddle**

*Comes with Zebrawood finger
pieces*

\$75

LDG 11 Auto Antenna Tuner

Covers HF and handles 200 watts

\$75

MFJ 949 Manual Antenna Tuner

Covers HF and handles 300 watts

\$45

**American Morse Equip KK1 Kit
Key**

Unbuilt!

Ed Oxe / W8EO
eaoyer@gmail.com

\$90 or Best Offer
Alinco DJ-V57T HT

*Covers 2 meters and 70 cm. Radio
includes a speaker mic and car
battery charger. It runs 5 watts
max and has 200 memories.*

Gregg Wesley / KD8PA
(517) 614-6573

Aluminum Tubing, Masts,
and other odds and ends
for antenna building.

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

\$300

Icom ID-880H

*Covers 2m/440 - FM/D-
Star. It is brand new with
programming software and
cable. Excellent condition!*

CLASSIFIEDS

From the estate of Al Newell, Jr / KD8DJA.

Baofeng UV-3R

2m and 440 VHF/UHF dual band HT
Includes all standard accessories in original box.
Looks like it was never used. **\$20.00**

Radio Shack HTX-242 2-meter Mobile

45 Watts programmable tones and 30 channel memory.
with manual
Works great **\$50.00**

Micranta 12 volt power supply

2.5 amp **\$10.00**

Kenwood TS-690S HF Transceiver

auto tune/SSB filter
Desk mike/hand held mike
IF232c intrerface
MFJ 25 amp power supply
manuals
Works great
\$550 firm

KDK UHF FM-7033 440 Mobile

don't know a thing about it.
\$10.00

National NCX-5 HF Transceiver

Power supply/speaker
10-80 meters SSB/CW
200 Watts PEP
With manual
\$150

Ten-Tec Omni-D

Complete station including 243 remote VFO,
645 Electronic key-er, 252 power supply
Manuals
Band switch contacts need cleaning
worked when taken out of service
Whole station **\$200**

For more information contact:

Charlie Culton WD8PVS

wd8pvs@yahoo.com
(517) 512-5503

Greater Lansing Nets

The **"Central Michigan Slow Scan TV Net"** meets every Sunday evening from 7:00- 8:30pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Carl Canfield/K8YHH. EVERYONE is welcome to join in and have fun learning and using this interesting and useful mode of communication. Other digital modes will be explored from time to time. For more information, call Carl at: (517) 755 6627.

The **"Quarter Century Wireless Association Net"** also meets every Tuesday night but at 8pm and on the 146.70 repeater (PL 107.2 Hz), with Net Coordinator Don Tillitson/WB8NUS.

The **"Mid-Michigan Information and Traders Net"** meets every Wednesday evening at 8:00pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Bob Strobel/KB8DQQ.

ALL are welcome on these nets, so be sure to check in to show your support. And as with all Nets, 3rd party check-ins are welcome, but must have Control Operator present at check-in time.

CMARC Officers and Appointees

President

Michael Boensch, W8MKB

Vice President

Gordy Smith, KE8JKS

Treasurer

Dan Beuchert, WX8MOJ
wx8moj@arrrl.net

Secretary

Shannon Ranes, WA2NVK
wa2nvk@gmail.com

Under 22 Director

Don McLain, KB8RAD
(517) 930-7707

Director

Carl Canfield, K8YHH

Director

Gregg Mulder, WB8LZG

Cards & Flowers

Jane Hosford, KC8FSK
(517) 515-7610

Club Contact

Don McLain, KB8RAD
(517) 930-7707

Club Historian

William Cote, WD8NYW

Antenna Projects Chairman

Gregg Mulder, WB8LZG

Lansing ARPSC Liaison

Jim Hannahs, KC8QWH

Scope Editor

QSL/Awards Manager
Chris Ranes, NS8Q
kc8caj@gmail.com
cmarcscope@gmail.com

Photographer

Kenneth Hazlett, N8BVV
(517) 348-5513

**CMARC Calls:
W8MAA & W8PLP**

LCDRA Officers and Appointees

President

John Imeson, N8JI
(517) 449-1517

Vice President

Don Tillitson, WB8NUS
(517) 321-2004

Secretary

Ron Harger, WD8BCS
wd8bcs@arrrl.net

Treasurer / Membership
Michael Boensch, W8MKB

Director

Jan Bradfield, KC8BFB
(517) 202-1779

Director

Don McLain, KB8RAD
(517) 930-7707

Repeater Trustee

Dennis Boone, KB8ZQZ

**LCDRA Call:
W8BCI**

The Scope is a bi-monthly joint publication of The Central Michigan Amateur Radio Club and the Lansing Civil Defense Repeater Association. Please send all articles, classified ads, or other information to the editor, Chris Ranes, NS8Q, at cmarcscope@gmail.com.

The deadline for each issue is midnight on the 20th of the preceding month.

2019 HAMFEST

AT THE OKEMOS CONFERENCE CENTER BALLROOM

Saturday, Sept 7th, 2019 - 10 am - 3 pm

ADMISSION: ADULTS AND KIDS: \$5 (5 years old and under: FREE)

• Talk-in: 145.390 tone 100.0 • Free Parking • Handicap Accessible • Food Truck • Convenient Restrooms



*The CENTRAL MICHIGAN AMATEUR RADIO CLUB
is proud to announce our annual HAMFEST at a **NEW LOCATION**.*

*Sell unneeded gear for extra cash!
Find that perfect addition for your rig or shack.*

VE TESTING FORUMS DOOR PRIZES

Technician, General & Extra Exams

Testing Fee: \$15

Testing Begins: 11:00 am

** No one will be admitted for testing after 11:00 am*

Vendor Spaces (including 2'x6' table):

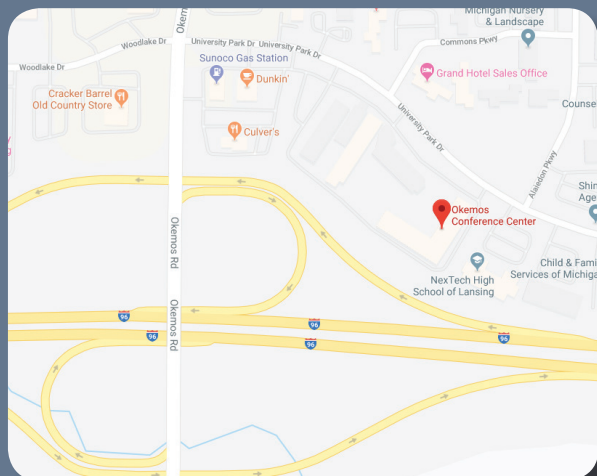
1st Space: \$5 + \$5 Admission •

Each Additional Space: \$5

Vendor Setup: 7 am - 10 am

Spaces are limited! Pre-Registration is suggested.
Registrations, including payment, must be received
one week prior via Check to guarantee your spot(s).

SORRY, NO TRUNK SALES ALLOWED!



2187 University Park Dr., Okemos, MI 48864

FOR MORE INFO OR TO REGISTER:
www.centralmiarc.com/hamfest

CONTACT US:
hamfest@centralmiarc.com

Adrian Amateur Radio Club

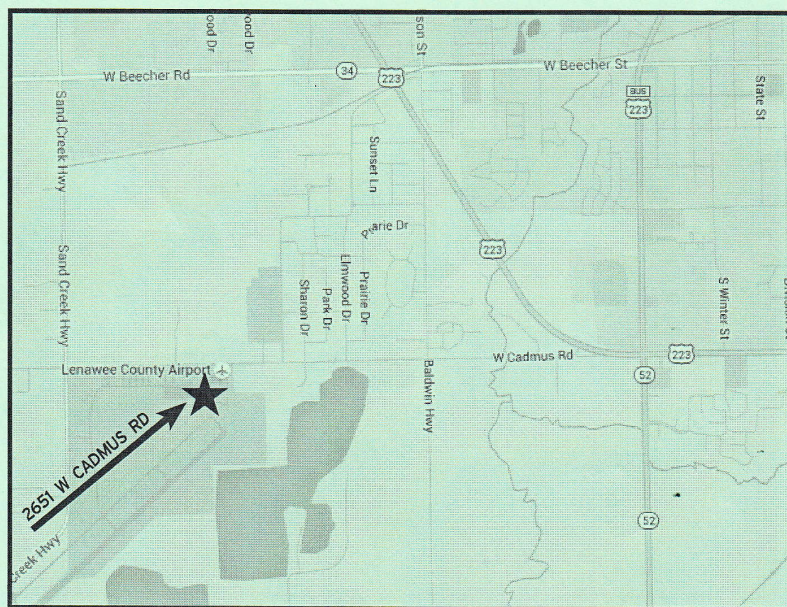
Adrian, Michigan

47TH Annual Hamfest and Computer Show

Sunday September 15, 2019

8:00 A.M. until the event ends.....

Talk-in 145.370--85.4 pl



AT THE
Lenawee County Airport

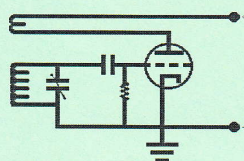
2651 W. Cadmus Rd • Adrian, MI

Tickets \$5.00

8 ft. tables \$10.00 each

Trunk Sale Spots \$3.00 each

HANDICAPPED PARKING



Additional Information Email:
cqnu8z@comcast.net

Table forms are on the web
www.w8tqe.com





Central Michigan Amateur Radio Club

W8PLP/W8MAA

Membership Form



For new CMARC applicants: Please complete all sections.

For existing CMARC members: Please include your Name and Call Sign along with only the information you would like changed.

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').

Daniel Beuchert | PO Box 27275 | Lansing, MI 48909-7275

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"/> Annual Dues: 1st Year Free		
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
<small>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.</small>	

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



Lansing Civil Defense Repeater Association

Membership Form

For new LCDRA applicants: Please complete all sections.

For existing LCDRA members: Please include your Name and Call Sign along with only the information you would like changed.

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 and an annual subscription to The SCOPE.</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 (Please see above)		

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

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

STAMP

To:

Activities Calendar			
<div></div>			
Date	Time	Event	Place
7/12/2019	6:00 PM	CMARC Board Meeting	The Club Station in Mason
7/12/2019	7:00 PM	CMARC Meeting	The Club Station in Mason
7/13/2019	11:00 AM	VE Session	Lansing Fire Station #44
7/15/2019	7:00 PM	ARPSC Meeting	Lansing Fire Station #48
7/18/2019	7:00 PM	LCDRA Quarterly Meeting	Lansing Fire Station #48
8/1/2019	7:00 PM	VE Session	Lansing Fire Station #44
8/3/2019	6:30 PM	CMARC Board Meeting	The Club Station in Mason
8/9/2019	7:00 PM	CMARC Meeting	The Club Station in Mason
8/19/2019	7:00 PM	ARPSC Meeting	Lansing Fire Station #48
9/7/2019	8:00 AM	CMARC Hamfest	Okemos Convention Center
9/7/2019	11:00 AM	VE Session at the CMARC Hamfest	Okemos Convention Center
9/13/2019	7:00 PM	CMARC Meeting	The Club Station in Mason
9/14/2019	11:00 AM	VE Session	Lansing Fire Station #44
9/16/2019	7:00 PM	ARPSC Meeting	Lansing Fire Station #48
10/3/2019	7:00 PM	VE Session	Lansing Fire Station #44
10/5/2019	6:30 PM	CMARC Board Meeting	The Club Station in Mason
10/11/2019	7:00 PM	CMARC Meeting	The Club Station in Mason
10/21/2019	7:00 PM	ARPSC Meeting	Lansing Fire Station #48