



Food Drive and Radio Health and Welfare Check Night!

Our next meeting is this Friday, September 12th at 7:00 and Mr. John Imeson/N8JI, President of the Lansing Civil Defense Repeater Association will be our speaker for the evening. John will enlist the aid of Jan Bradfield/KC8BFK (along with some test instruments) in presenting his "Radio Health and Welfare Check Night". They will be setting up a table inside to check people's HT's and outside (weather permitting) to check their mobile installations in order to resolve any issues they may have.

We will also be collecting the food donations for our Salvation Army Food drive.

Items Needed:

- Canned Beans
- Canned meat
- Canned Soups
- Canned Tomatoes
- Canned Potatoes
- Canned Fruits
- Dry Beans
- Dry Pasta
- Dry Dinner Sides
- Dry Rice
- Spaghetti Sauce
- Cereal
- Peanut butter
- Jelly
- Instant Mashed Potatoes



The Salvation Army has plenty of canned Veggies so please choose other items from the list above!

Scoping out *THE SCOPE*

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MEETING SCHEDULE			
GROUP	CMARC 	ARPSC 	LCDRA 
DATE	09/12/14	09/15/14	10/16/14
TIME	7:00 P.M.	7:00 P.M.	7:00 P.M.
LOCATION	SALVATION ARMY	FIRE STATION #8	FIRE STATION # 8
WEBSITE	WWW.CENTRALMIARC.COM/	WWW.LANSINGARPSC.COM/	WWW.LCDRA.NET/

September

Birthdays

9/11 DALE MOORE/K8YRD
 9/17 JEREMIAH SEVREY/KC8EIA
 9/18 JIMMY DUNAHOO/KD8IWQ
 9/28 RICHARD GREESON/KD8HLR
 9/30 JOHN HOSFORD/KC8QZB

Anniversaries

9/07 WILLIAM TORRENCE/KC8ALL
 9/11 HERBERT TERBRACK/KB8QEZ
 9/12 ROBERT/KB8DQQ AND LEOTA/KD8SQD
 STROBEL 50th
 9/16 TOM/WA8WPI and CAROLYN ROCHELEAU
 9/23 EUGENE BROWN/KK4DIY

OCTOBER

Birthdays

10/02 DEREK FLORY/KD8VRS
 10/13 JANE HOSFORD/KC8FSK
 10/20 MATT WARNCKE/W8MAT

Anniversaries

10/04 MIKE HOLCOMB/WA8KZY
 10/26 JOSEPH/N8VYS & PAMELA/KB8PSF
 DENOMME
 10/27 WILLIAM SMITH/KD8ZFR
 10/31 ALAN SHAW/WB8YOX

SK R. Don Rickerd (W8BQD)

It is with great sorrow that I announce the passing of another CMARC pillar. R. Don Rickerd (W8BQD) became a Silent Key on Sunday, at about 1630 hours (local time). Those who knew Don, knew him as a true gentleman, and a good Christian man. A man who ALWAYS had time to help anyone interested in accepting his help. We met occasionally at Sparty's Coney Island for lunch, and I always enjoyed our conversations. I had great admiration and respect for Don and his lovely wife, Hazel, who preceded him in death several years ago. They were some of the kindest people I have had the pleasure of knowing, during my years in our Hobby...and Don Tillitson (who is just three days younger than his counterpart) often referred to him as, "The Old Man"...and always with a chuckle. Our thoughts and prayers are with his Family, but we take comfort in knowing his Faith and Godly demeanor find him at Rest in the Arms of God. 73, es 88, OM! dit dit Erv Bates/W8ERV

[Editor's Note: Here is a "Blast from the Past", reprinted exactly as it appeared in the September 2012 edition of the SCOPE. Please keep in mind that some things have changed in this Ham's life since then, and I have listed a few at the end of the article.]

What's My Sign?

By: Julie McLain KB8ZXR

I was born on August 14, 2000 in Lansing, Michigan into a loving family. I go to Herbison Woods Elementary in Dewitt and am currently in the 6th grade. I like Math, Science, and also Band, where I play the trumpet. In addition, I play 12U Youth Baseball, love to swim and I really enjoy building things with my Legos. I have a lot of fun going to the Lugnuts baseball games and was lucky enough to be able to throw out the "First Pitch" at two of them. The first time was through my Dad's work and the second time was for selling the most pizza kits for the Dewitt Youth Baseball/Softball Association

I have grown up around Ham Radio all my life, because my Dad is a Ham and so was my Grandfather. By the summer of 2010, I was so interested in getting my license that instead of just messing around like a lot of other kids, on my summer off from school I began studying the Technician Manual every day for a half hour. By September I was ready to test, so my parents took me to an Ingham County VE Exam session held at the Ingham County Sheriff's Office in Mason. I passed the Technician exam on my first try—and I was only 9 years old at the time!! By the way, I was even younger than my Dad when he got his first license in December of 1977...he was 15! I was so excited when the VE's told me I had passed, I couldn't stop smiling. They, along with everyone else there that day, congratulated me and told me how happy they were for me. Even my Mom was all smiles! I'm now planning on getting my General Class upgrade at the upcoming 2012 Dayton Hamvention on May 18th – 20th.

I don't have much Ham equipment yet, but I do have a Yaesu FT-170 HT. My favorite band is 2 meters. You can usually find me out on the 145.39 repeater and if you ever hear me throw out my Call, please come back, because I love talking! I enjoy checking into the local Nets and try to participate in as many as possible. Someday, I would even like to run my own Net. I really like SKYWARN and have a lot of fun during Field Day weekend. In the future, I look forward to learning CW, even though the FCC no longer requires it. I belong to the Central Michigan Amateur Radio Club, the Lansing Civil Defense Repeater Association, the American Radio Relay League and the Dayton Amateur Radio Association.

When asked if I had any comments that I would like to share with the Club regarding this great Hobby, I replied, "I think young people should get their licenses. It's not that hard to do. Just do a little studying each day and before you know it, you'll pass. Remember, I was only 9 years old when I did it!"

There, now that we have become a little better acquainted, "What's My Sign?" My Callsign is N8FPR and my name is Sam Fitzgerald. When I first got my license I was KD8OQT, but through the Vanity Callsign program my Dad helped me pick up my Grandfather's old Callsign to honor him. By the way, my Dad is Russ/N8FZ.

[Editor's Note: Since this article was first published, Sam has gone on to get his General Class license and is studying for his Extra. Beginning this school year of 2014, Sam started Dewitt High School as a Freshman. At our August '14 CMARC meeting, we said good-bye to Matt/KD8OOS who had just started college in the U.P. at Michigan Technological University. Sam was then introduced to the group, who was elected to replace Matt as CMARC's Under 22 Director. Welcome aboard, Sam! We all look forward to working with you to help make CMARC a great Club for the "Youth" of all ages!]

2014 “OUTDOOR” HAMFEST WRAP-UP

Well, we did it again...CMARC's 2014 "Outdoor" Hamfest was a BIG SUCCESS!! In spite of the forecast for rain and the threat that all our hard work would be in vain, the foul weather never materialized and it turned out to be a beautiful day! We had great attendance with vendors coming from locations well outside of our area like Midland, Flint, Jackson and Detroit...and even as far away as Wisconsin! And for the third year in a row, a large number said they had a great time during their stay with us and would be back again next year. I was also told by vendors that attend only the bigger Hamfests that ours is one of the best swaps they visit all year!!

So, to all of you who made this happen...THANK YOU!! We couldn't have done it without all of YOU! Whether it was setting up canopies, tables or chairs; selling tickets or parking the vendors and visitors; working the GOTA or Special Event Stations; manning the PA System or attending to the gifts at the Ladies Table; teaching at the Forum or grilling the food and serving the patrons – you ALL did a fantastic job!! Thank You for volunteering those many hours on your feet...you made it come together flawlessly!!

A BIG "THANK YOU" also goes to all of you who made donations to help our Hamfest...giving items such as the prizes for our hourly drawings (especially the Grand Prize, which was a Yaesu 2-m HT); canopies, tables and radio equipment, along with many other kitchen items we needed; and much of the food we sold: such as two pork shoulders, ground beef, hot dogs and other miscellaneous food items. ALL of your donations were indispensable!

Now, for the pièce de résistance, after deducting all of our expenses, I am pleased to announce that we made a grand total of \$1,000 in pure profit from this year's Hamfest!! Way to go, CMARC!!

73,
Julie McLain KB8ZXR
Hamfest Chair

VE TESTING SESSIONS

Ingham County VE Group

Location: Ingham County Sheriff's Department, Mason
Contact: Don McLain/KB8RAD (517) 694-0812 KB8RAD@ARRL.NET
Thursday @ 7:00 p.m. October 2, December 4
Saturday @ 11:00 a.m. September 13, November 8th

Eaton Co. ARC

Location: Eaton Co Sheriff Dept-EOC, 1025 Independence Blvd. Charlotte, MI 48813
Contact: Mark Korroch(WB8TGY) (517) 645-2378 wb8tgy@yahoo.com
Saturday at 12:00 p.m. October 11, December 13

Corunna VE Team

Location: American Red Cross, 702 Corunna Ave, Corunna MI 48817-1230
Contact: Thomas Carpenter/KI8AS (989)277-2262 KI8AS@CHARTER.NET
Thursday@ 7:00 p.m. October 23, December 18



ARRL VEC

“ARRL PRACTICE AMATEUR RADIO EXAMS”

Sponsored by the “Ingham County VE Group”
VE Julie McLain KB8ZXR

Technician Class 2014 Pool

- 1.) Question T7B10 - What might be the problem if you receive a report that your audio signal through the repeater is distorted or unintelligible?
 - A. Your transmitter may be slightly off frequency
 - B. Your batteries may be running low
 - C. You could be in a bad location
 - D. All of these choices are correct

- 2.) Question T2A02 - What is the national calling frequency for FM simplex operations in the 70 cm band?
 - A. 446.000 MHz
 - B. 145.000 MHz
 - C. 146.520 MHz
 - D. 432.100 MHz

- 3.) Question T7D10 - What is probably happening when an ohmmeter, connected across an unpowered circuit, initially indicates a low resistance and then shows increasing resistance with time?
 - A. The ohmmeter is defective
 - B. The circuit contains a large inductor
 - C. The circuit is a relaxation oscillator
 - D. The circuit contains a large capacitor

General Class 2011 Pool

- 1.) Question G2A08 - Which of the following is a recommended way to break into a conversation when using phone?
 - A. Say 'QRZ' several times followed by your call sign
 - B. Say 'Break. Break. Break.' and wait for a response
 - C. Say your call sign during a break between transmissions from the other stations
 - D. Say 'CQ' followed by the call sign of either station

- 2.) Question G9C11 - What is the purpose of a gamma match used with Yagi antennas?
 - A. To increase the front to back ratio
 - B. To match the relatively low feed-point impedance to 50 ohms
 - C. To increase the main lobe gain
 - D. To match the relatively high feed-point impedance to 50 ohms

3.) Question G7B01 - Complex digital circuitry can often be replaced by what type of integrated circuit?

- A. Microcontroller
- B. Window comparator
- C. Charge-coupled device
- D. Phase detector

Extra Class 2012 Pool

1.) Question E6B11 - What is used to control the attenuation of RF signals by a PIN diode?

- A. Capacitance of an RF coupling capacitor
- B. A sub-harmonic pump signal
- C. Reverse voltage larger than the RF signal
- D. Forward DC bias current

2.) Question E8A02 - What type of wave has a rise time significantly faster than its fall time (or vice versa)?

- A. A sawtooth wave
- B. A square wave
- C. A cosine wave
- D. A sine wave

3.) Question E9D02 - How can linearly polarized Yagi antennas be used to produce circular polarization?

- A. Arrange two Yagis perpendicular to each other with the driven elements at the same point on the boom and fed 90 degrees out of phase
- B. Stack two Yagis, fed 90 degrees out of phase, to form an array with the respective elements in parallel planes
- C. Arrange two Yagis collinear to each other, with the driven elements fed 180 degrees out of phase
- D. Stack two Yagis, fed in phase, to form an array with the respective elements in parallel planes

Questions and Answers Copied from ARRL's "Practice Amateur Radio Exams" found at:

<http://www.qrz.com/hamtest/>

ANSWERS Technician: 1-D; 2-A; 3-D General: 1-C; 2-B; 3-A Extra: 1-D; 2-A; 3-A
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September 2014



September

SEPTEMBER TEA TIME LADIES' DAYS

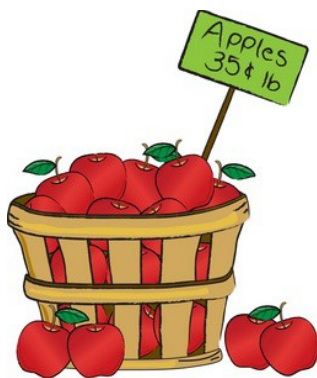
September 2nd – Ericka KD8KJU & Jamie KD8IAP Kahler's 13th Anniversary!!

September 8th – Jessica & Jon N8SUA Seaver's 2nd Anniversary!!

September 12th – Leota KD8SQD & Bob KB8DQQ Strobel's 50th Anniversary!!

September 15th – Mary Rue KC8RME's Birthday!!

SEPTEMBER LADIES TEA TIME LUNCHEON



Summer's coming to a close...the kids and grandkids are going back to school and the green scenery around us is slowly changing to the pretty gold, reds and oranges of autumn, reminding us we'll soon be busy planning for Thanksgiving and Christmas.

With this in mind, be sure to mark your calendar for Saturday, Sept. 27th (12:30pm) and plan on coming out for another "Ladies Tea Time Luncheon", where we can sit back, catch our breath and visit leisurely with our friends before we're busy cleaning turkey and decorating trees! This month we'll be going to the "Cracker Barrel Old Country Store" located at 608 Commercial Drive in Lansing, (near I-96 and W. Saginaw out in front of Wal-Mart). I know you won't want to miss out on this really nice time, because we all love to browse around Cracker Barrel, especially at this time of year, and maybe we'll even find something we just can't live without!! Please remember to RSVP me by Friday, Sept. 26th so I'll know how many chairs to reserve and we can all sit together. See you all there!

~Julie McLain, KB8ZXR~

Ladies Tea Time Net & Luncheon Coordinator

(517) 694-0812 or KB8ZXR@aol.com

www.centralmiarc.com



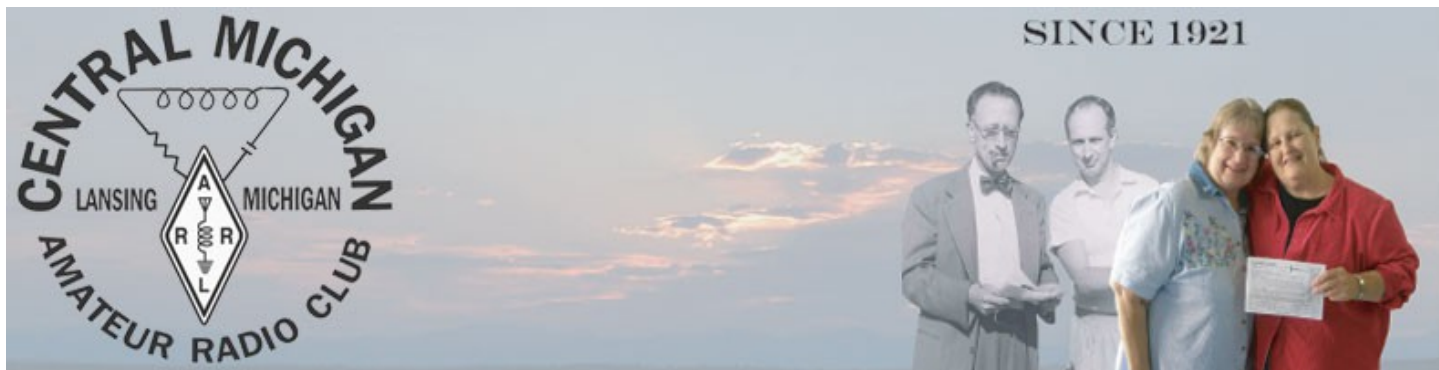
THE LADIES TEA TIME NET!

Please join me every Tuesday evening at 7 pm on the 145.39 (100 Hz PL) Lansing-area repeater for the "Ladies Tea Time Net". The Net can also be accessed via the EchoLink *DODROPIN* Conference Server (Node ID# 355800). The main goal of this Net is to get our Lady Hams out on the air each week, having fun as they visit together. And for those Ladies without a Ham license...you can still check in "Third Party", as long as your licensed husband or friend checks in first. Remember, we always look forward to having our Gentlemen join us for a fun time, too... AFTER the "Ladies Only" portion of the Net!! So, pour yourself a nice glass of iced tea, key up the mic and join me for the "Ladies Tea Time Net"... I'll be listening for you!!

Ladies Tea Time Net & Luncheon Coordinator

(517) 694-0812 or KB8ZXR@aol.com

www.centralmiarc.com



CMARC BOARD MEETING August 8, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 6:33 pm with the following board members in attendance: Vice President Don McLain/KB8RAD, Treasurer Jerry Waite/KD8GLN, Secretary Jane Hosford/KC8FSK, Director Sharon Waite/KD8HHK, Director John Doornhaag/KD8NNQ, Under 22 Director Matt Miller/KD8OOS.

Silent Keys: None.

Estate auction for Chuch McNease/N8CM

Auction Information

Add this auction to your favorites.

Auctioneer K and M Auctions 989 666 8314

Auction Date Aug 24 Auction

Location

4541 Wilcox rd

Holt, mi

Click to Map

Time 11:00AM

Auctioneer's Other Listings

E-mail Auctioneer

Auctioneer's Web Site

[View Photo Gallery](#)

Auction Listing

AuctionZip Auctioneer ID# 16127

McNease Estate Auction

Sun. Aug. 24th 11:00 am

4541 Wilcox rd

Holt, MI 48842

See photos at auctionzip.com ID #16127

Charles McNease retired from GM passed at age 71 was President of Amateur Ham Radio association of Central MI. he has a large assortment of electronic equipment for ham radio communication.

Kennedy tool boxes, Craftsman tool box 12' Lund fishing boat, Starcraft 16' all boats come w/trailers, Johnson V4 outboard, tackle boxes full many fishing polls, and boating accessories, Quad 4 olds motors, Motor home, Astro van, Craftsman lawn tractor, John Deere 112, Craftsman snow blower, Honda generator, craftsman band saw, drill press, sander/grinder 6X48, Starrett, Brown & Sharpe, Lufkin, micrometers, calipers, indicators, calibration set, depth gages, digamatic indicator, craftsman sockets, wrenches, all steel work table 1 1/2" plate top, 10" chipper, furnace, tons of scrape, 22 bullets, black powder, other loading items, Signal one (model cx7b), Yaesu all mode transceiver ft-767gx, Heathkit sb-230, Yaesu all mode transceiver ft-736f cat systems, Yaesu all mode transceiver ft-757gx cat systems, Yaesu sp-901p, R. L. Drake co. Mn-2000 matching network, Heathkit sb-634, Heathkit sb-614,3 (maybe more) sony dvd/cd/video cd players, 902 mhs transverter, Pioneer dc servo direct drive pl-550, Yaesu vhf fm transceiver ft-2200, Shinybow rs232-cable pin lines, Kenwood ham cardidid dynamic microphone mc-50, Sony stereo cassette deck tc-wr590, Miller radiator-1 cooling system style no. Jf-39, Leitz wetzlar germany hektor 1:25/200mm, Yaesu fm transceiver vx-5 with battery charger, 9c super 9 channel productional rc system futaba, Military standard engine model # 4a032-1 4 cycle over head valve, Uhf

translater emcee model # htu100, Quintron corp. 5886t806 350 watt?, Alternating current generator, Yaesu automatic antenna tuner model no. fc-757at, Central scientific co. Decade resister, Wilson wr1000 rotar control, Trac delux message memory keyer, Lenovo laptop windows vista, Eimac 8166 41000a electron tube, Kodak data show projection pad, Klipsch speakers, Sharpvision (national weather service marquette mi) liquid crystal projector, Dell xps m2010 laptop computer, Mallory cgs801t450v4l 800mfd 450vdc pos + 85c max surge 525vdc 235-8713k, Jennings tube, Amperex tube 5868, Tandy 1400 fd, Heathkit vdvM, Hallicrafters co short wave radio, Many heathkit manuals, South Bend lathes, 2 Vibroplex telegraph signal keys, Astatic microphone, Drake microphone, Antenna tie down cables, 6 - 4 cylinder 4 cycle air cool military engines, with military generators for powering military out posts crated never used, Dayton generator, Many braided pressure hoses, Oldsmobile factory manuals, Many Sam's photofact cb radio series, Heathkit gw-22, Old military air craft photos, Heathkit im-28, 3 globe motors antennas, Emcee uhf translator model htu 100 power supply, Heathkit vdvM 414-28, Iota Dsl45 power converter, Hallicrafters co. Model no. 5r10a, Philips 46-170030p25 3186fe403uo20bla4 40000 uf- 10+ 75% 20 vdc 24 surge 85 c max ambient, Heath oscilloscope 4554, Heathkit battery eliminator, Heathkit sc610, Vibroplex 271684 morse code and 06510, Heathkit sb230 (might be duplicate), Argonaut serial no. 00037, Dc milliamplifiers, Hammer lazer r306 single input, Uniden satellite selector ust7700at, Te systems rf power amp 1452g, Mfj hf/vhh swr analyzer mfj-259b, Wire 1/0, Wire 6, Lenitz lens wetzlar germany, Starcraft boat, Olds achiva, Large assortment fishing equipment rods reels big water parkas down riggers, Arugs camera, Miller radiator 1, Europa scientific ltd autotransformer, Cordless drill, Heavy duty castors, Weed wacker, Hydra water cooled marine speed control, New life vests, Dual compressor 5hp, Two power sleds kites, Lots of wire and coaxial, 3 antenna towers aluminum, Pioneer pl-550 turntable, 2 antenna postioner new, Wattmeters, Ameritron al-1200 amplifier, Heathkit batter, eliminator, Signal one cx78, Kodak datashow projection pad, Te systems rf power amp 144-148 mhz, 4 hamar laser instruments inc. Telescoping Alinement systems, Plano tackle boxes and storage boxes, Full tackle boxes, Yaesu microphones, Electro voice mics, Pathmaker convert, erelec-tra-mate mast motor, Kenwood Mc-50 microphone, Many power supply, Christmas decorations, angle collection, many small kitchen appliances, prints, plus much more.

We will run two rings all day bring a friend. This place is loaded no telling what we will find by auction time. Over 600 photos on auctionzip.com

Terms: Cash; credit or check with I.D. Nothing removed until settled for. Everything sells as is where is with no warranty. 3% applied to all items sold. Discounted to zero if you pay with check or cash. Auctioneers not responsible for accident or items after they are sold. Statements made by auctioneer take precedent over printed matter. Absentee bids accepted.

K and M Auctions
Auctioneer Kelly McAllister

Ph.989-666-8314 or e-mail: kandmantics@yahoo.com

- A club member has made a donation of \$500.00. Dan/WX8MOJ made a motion, seconded by Don/KB8RAD and approved, to revisit the rules for lifetime membership to include large donations.
- This is Matt Miller's/KD8OOS last meeting before going off to college. Dan/WX8MOJ made a motion, seconded by John/KD8NNQ and approved that Sam Fitzgerald/N8FPR take over the under 22 position for the rest of Matt's term.
- Non-profit/Insurance/By-laws. Post new by-laws on website.
- Membership forms on website for CMARC and LCDRA need to be separated.
- **Tower Metal:** Bob/K8RDN and Gregg/WB8LZG have been working on it.
- **Food Drive:** Salvation Army food drive is set for September. 30 copies of the flyer were put out tonight so people know what to bring, is also in the Scope.
- **Name Tags:** Jerry/KD8GLN bought stick on name tags so we know who everyone is. Or you can identify yourself with your own name badges, hats, etc.
- Member Roster/Directory: Dan/KD8YDE has volunteered to do a club director. Need to decide what information people want in the directory. Will try to hand out form in September.
- **SCOPE:** Possibly have a new Scope editor in a few months as our current editor is ready to step down.
- **Hamfest:** Update-Julie/KB8ZXR will talk about that.
- **September meeting:** John Imeson/N8JI and Jan Bradfield/KC8FSK will talk about "Radio Health and Welfare Check".
- Posting meeting date on website for the year.
- **SATERN:** Saturday, August 30th, EDS training at the Salvation Army.

Motion to adjourn made by Don/KB8RAD, seconded by Jerry/KD8GLN and approved. Meeting adjourned at 7:00pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

CMARC MEETING MINUTES

August 8, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 7:05 and welcomed both members and visitors attending tonight.

We do have name tags for everyone if you don't have your own, so please use, so we know who everyone is.

Silent key report: None.

A moment of silence for our silent keys.

ATTENDANCE: There were 56 people in attendance. Visitors included: Mary Tillitson, Jessi Gardner, Maurice Washington, Joni Mire/KC8YYO, Larry/KD8ZED and Joyce Gilson, Vicki Dembinski, D Munson, Troy Creed, Larry/WB8R and Diane Camp, Linda Dunahoo.

NEW LICENSES, UPGRADES and VANITY CALLS: William Smith/KD8ZFR got license at hamfest.

CARDS AND FLOWERS REPORT: Cards were sent to David Metzger/K8GVK, Michael Boensch/KC8ZLQ, Bill Moore/NC1L and Mrs John Strong.

INTERESTING DX CONTACTS: Dan/WX8MOJ Asiatic Russia.

OLD BUSINESS:

A motion to accept the July Secretary's Report as printed in the July SCOPE was made by Ted/WA8MFQ, seconded by Don/KB8RAD, and approved. A motion to accept the July Treasurer's report as printed in the July SCOPE was made by John/KC8QZB, seconded by Jim/KC8QWH and approved.

Hamfest: Julie/KB8ZXR thanked the 38 volunteers. Special thanks to the couple who provided the grand prize radio, Don/WB8NUS and Mary Tillitson donated five pounds of Koegel hot dogs, Dan/KD8YDE provided two pork shoulders and made pulled pork sandwiches. Eight youth attended, four were licensed. There were 38 vendors.

WB8MWG was one of the vendors and sent Julie/KB8ZXR an email, saying that it was a great swap. Several vendors said they would be back next year.

New by-laws have been adopted, signed and filed.

Field Day Donations: Please also note the following vendors who donated food, drink, funds, & a porta-john. If you happen to stop into any of the places, it would be great if you would please mention a word of thanks for supporting us! Or, intentionally stop by as a patron.

A&W (Mason)
Amy's Catering (Lansing)
Andrew's Automotive (Mason)
Big Boy (Mason)
Biggby Coffee (Mason)
City Limits (Mason)

Hungry Howies (Mason)
Independent Bank (Mason)
Leslie Hardware (Leslie)
Little Caesars (Mason)
McDonald's (Jolly Road, Lansing)
Merindorf's Meat (Mason)
Supreme Rental (Mason)
Value Land (Leslie)
Zano's Pizza (Mason)

Salvation Army food drive is in September. A list has been provided tonight and there also is a list of needed items in the Scope.

Please pay your dues. CMARC dues to Jerry/KD8GLN and LCDRA dues to Julie/KB8ZXR.

NOTE: IF YOU WISH TO HAVE YOUR ANNIVERSARY AND BIRTHDAY MENTIONED IN THE SCOPE PLEASE FILL OUT THE MEMBERSHIP FORM THAT'S IN THE SCOPE OR ONLINE.

NEW BUSINESS:

September Meeting: John Imeson/N8JI and Jan Bradfield/KC8BFK will present "Radio Health and Welfare Check".

SATERN: Saturday, August 30th Emergency Disaster Services Training at the Salvation Army. Class will last between six and eight hours. It will be posted to the website and the listserve.

Volunteers are needed for upcoming events: St James Walk 5/10K August 10th-email Jeremiah Sevrey-kc8eia@gmail.com. September 1, 2014 Run for CHUM at Dansville High School, email John Tyree-jtyree@me.com. September 21, 2014 Bike for Hospice - start and end at Sparrow Hospital in St Johns, email John Tyree-jtyree@me.com. September 21, 2014 Hike for Hospice at Granger Meadow Park in DeWitt, email Don Tillitson wb8nus@arri.net.

Estate auction for Chuch McNease/N8CM- will be put on the list serve.

Auction Information

Add this auction to your favorites.

Auctioneer K and M Auctions 989 666 8314

Auction Date Aug 24 Auction

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Click to Map

Time 11:00AM

Auctioneer's Other Listings E-mail Auctioneer Auctioneer's Web Site

View Photo Gallery

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Charles McNease retired from GM passed at age 71 was President of Amateur Ham Radio association of Central MI. he has a large assortment of electronic equipment for ham radio communication.

Kennedy tool boxes, Craftsman tool box 12' Lund fishing boat, Starcraft 16' all boats come w/trailers, Johnson V4

outboard, tackle boxes full many fishing polls, and boating accessories, Quad 4 olds motors, Motor home, Astro van, Craftsman lawn tractor, John Deere 112, Craftsman snow blower, Honda generator, craftsman band saw, drill press, sander/grinder 6X48, Starrett, Brown & Sharpe, Lufkin, micrometers, calipers, indicators, calibration set, depth gages, digamatic indicator, craftsman sockets, wrenches, all steel work table 1 1/2" plate top, 10" chipper, furnace, tons of scrape, 22 bullets, black powder, other loading items, Signal one (model cx7b), Yaesu all mode transceiver ft-767gx, Heathkit sb-230, Yaesu all mode transceiver ft-736f cat systems, Yaesu all mode transceiver ft-757gx cat systems, Yaesu sp-901p, R. L. Drake co. Mn-2000 matching network, Heathkit sb-634, Heathkit sb-614, 3 (maybe more) sony dvd/cd/video cd players, 902 mhs transverter, Pioneer dc servo direct drive pl-550, Yaesu vhf fm transceiver ft-2200, Shinybow rs232-cable pin lines, Kenwood ham cardidid dynamic microphone mc-50, Sony stereo cassette deck tc-wr590, Miller radiator-1 cooling system style no. Jf-39, Leitz wetzlar germany hektor 1:25/200mm, Yaesu fm transceiver vx-5 with battery charger, 9c super 9 channel productional rc system futaba, Military standard engine model # 4a032-1 4 cycle over head valve, Uhf translator emcee model # htu100, Quintron corp. 5886t806 350 watt?, Alternating current generator, Yaesu automatic antenna tuner model no. fc-757at, Central scientific co. Decade resister, Wilson wr1000 rotar control, Trac delux message memory keyer, Lenovo laptop windows vista, Eimac 8166 41000a electron tube, Kodak data show projection pad, Klipsch speakers, Sharpvision (national weather service marquette mi) liquid crystal projector, Dell xps m2010 laptop computer, Mallory cgs801t450v4l 800mfd 450vdc pos + 85c max surge 525vdc 235-8713k, Jennings tube, Amperex tube 5868, Tandy 1400 fd, Heathkit vdv, Hallicrafters co short wave radio, Many heathkit manuals, South Bend lathes, 2 Vibroplex telegraph signal keys, Astatic microphone, Drake microphone, Antenna tie down cables, 6 - 4 cylinder 4 cycle air cool military engines, with military generators for powering military out posts crated never used, Dayton generator, Many braided pressure hoses, Oldsmobile factory manuals, Many Sam's photofact cb radio series, Heathkit gw-22, Old military air craft photos, Heathkit im-28, 3 globe motors antennas, Emcee uhf translator model htu 100 power supply, Heathkit vdv 414-28, Iota Dsl45 power converter, Hallicrafters co. Model no. 5r10a, Philips 46-170030p25 3186fe403uo20bla4 40000 uf- 10+ 75% 20 vdc 24 surge 85 c max ambient, Heath oscilloscope 4554, Heathkit battery eliminator, Heathkit sc610, Vibroplex 271684 morse code and 06510, Heathkit sb230 (might be duplicate), Argonaut serial no. 00037, Dc milliamplers, Hammer lazer r306 single input, Uniden satellite selector ust7700at, Te systems rf power amp 1452g, Mfj hf/vhh swr analyzer mfj-259b, Wire 1/0, Wire 6, Lenitz lens wetzlar germany, Starcraft boat, Olds achiva, Large assortment fishing equipment rods reels big water parkas down riggers, Arugs camera, Miller radiator 1, Europa scientfc ltd autotransformer, Cordless drill, Heavy duty castors, Weed wacker, Hydra water cooled marine speed control, New life vests, Dual compressor 5hp, Two power sleds kites, Lots of wire and coaxial, 3 antenna towers aluminum, Pioneer pl-550 turntable, 2 antenna postioner new, Wattmeters, Ameritron al-1200 amplifier, Heathkit batter, eliminator, Signal one cx78, Kodak datashow projection pad, Te systems rf power amp 144-148 mhz, 4 hamar laser instruments inc. Telescoping Alinement systems, Plano tackle boxes and storage boxes, Full tackle boxes, Yaesu microphones, Electro voice mics, Pathmaker convert, erelec-tra-mate mast motor, Kenwood Mc-50 microphone, Many power supply, Christmas decorations, angle collection, many small kitchen appliances, prints, plus much more.

We will run two rings all day bring a friend. This place is loaded no telling what we will find by auction time. Over 600 photos on auctionzip.com

Terms: Cash; credit or check with I.D. Nothing removed until settled for. Everything sells as is where is with no warranty. 3% applied to all items sold. Discounted to zero if you pay with check or cash. Auctioneers not responsible for accident or items after they are sold. Statements made by auctioneer take precedent over printed matter. Absentee bids accepted.

K and M Auctions
Auctioneer Kelly McAllister

Ph.989-666-8314 or e-mail: kandmantiques@yahoo.com

Dan/KD8YDE wants to do a member directory. John/AC8ML made a motion to have the directory done, seconded by Jim/KD8IWQ and approved. At September meeting there will be a rough draft of a form to fill out of what member's want to include in the directory,

This is Matt Miller's/KD8OOS last night before going to college. Don/WB8NUS made a motion, seconded by Jim/kKD8IWQ and approved that Sam Fitzgerald/N8FPR fulfill the rest of Matt's position.

The club has received a \$500.00 donation. Need to revisit the qualifications for lifetime membership.

Don/WB8NUS made a motion, seconded by John/AC8ML to accept as lifetime membership.

UNDER 22 REPORT: Nothing to report.

50/50 DRAWING: Roger/AB8RX won \$20.00.

Motion to adjourn for break made by Jimmy/KD8IWQ seconded by John/AC8ML and approved.

MAIN PROGRAM AND/OR SPEAKER: Larry Camp/WB8R presented a video on the 100 years of the ARRL.

With all business concluded, the meeting was adjourned at 9:30 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

August 2014 Treasurer's Report	
Primary Share Acct. (Humphreys Fund)	\$1085.86
Business Checking	\$4115.74
Net Worth	\$5201.60
Youth Fund Balance* (as of 04/2013)	\$253.36
Building Fund (Club Station)	\$9.09
Field Day	\$372.06
<i>separate from CMARC Funds</i>	
Submitted, <i>Jerry Waite/KD8GLN - CMARC Treasurer</i>	

Public Service Event

On Sept 21st is the Bike for Hospice and Hike for Hospice. We still need radio operators! Report time is 7 a.m. and the frequency for this event will be 443.00.

If you have any questions or would like to sign up for either events please email John Tyree jtyree@me.com

S.A.T.E.R.N.

**For those that took part in the SATERN training recently,
you can bring your background check forms to the next meeting.**

A key turns 50 and gets a makeover for it's birthday

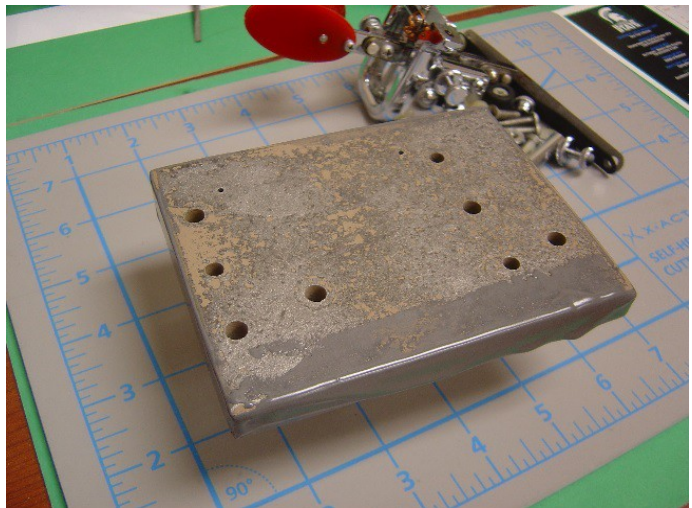
I opened the drawer to the operating desk a while back and got a glimpse of an old key in need. I had purchased it at a swap a dozen or so years back, fully intending to give it a once over es putting it on the air. But one thing after another took priority over the key.

I picked up the dirty Vibro-keyer es looked at the serial number. A 1964, Fifty years old! Time to get that refurb job!



Here is the key with a coat of "hammered finish" gold paint.

A little "elbow grease" on the chrome es she shines like new. Sends beautiful Morse code too! I got so "keyed up", I tried doing another oldy but goody while I was at it. This one was a Vibroplex "look alike" knock off. I had painted the base many years before es never really took to it. So What color ?



This is what it looked like before repainting the base.

There were several big scratches es a cut out of the left side. It was in need of some TLC for sure. I sanded most of the old paint off and "filled" the cut on the side with some JB weld. Then after drying, the base was resanded es ready for paint. I had painted a key for the CMARC club earlier in the year in gold es I was pleased with the results so I decided to try it again. The hardest part was the preparation of the base to get that perfect finish.



Now the left side looks new as the right! Beautiful!

Had my doubts about the color when I first sprayed it on, but it came out very FB! Matches the walnut finger pieces nicely. Wonder what color to paint the next key in need?

Hope you enjoyed the pictures, 73, Gregg WB8LZG

HAMFESTS

09/13/2014 - GRAHamfest

Location: Wyoming, MI
Sponsor: Grand Rapids Amateur Radio Association
Website: www.w8dc.org

09/14/2014 - Adrian Hamfest

Location: Adrian, MI
Sponsor: Adrian Amateur Radio Club
Website: www.w8tqe.com

10/18/2014 - Muskegon Color Tour Hamfest

Location: Muskegon, MI
Sponsor: Muskegon County Emergency Communication Services
Website: www.muskegoncolortourhamfest.com

10/19/2014 - Kalamazoo HamFest 2014

Location: Kalamazoo, MI
Sponsor: Kalamazoo Amateur Radio Club & Southwest Michigan Amateur Radio Team
Website: <http://kalamazoohamfest.com>

10/26/2014 - USECA Hamfest

Location: Madison Heights, MI
Sponsor: USECA Amateur Radio Club
Website: www.usecaarc.com

12/07/2014 - LCARC Hamfest/Swap

Location: Harrison Twp., MI
Sponsor: L'Anse Creuse Amateur Radio Club
Website: www.qsl.net/n8lc

FOR SALE:

3 pieces of 1x1 inch square aluminum tubing for building an antenna for 20.00 a piece. They range in size from 6 1/2 - 8 1/2 ft. Please contact: Daniel KD8YDE at kd8yde@inbox.com if interested.

I have for sale a Tri-Ex LM-470D 70' tower for sale. It is motorized but some of the wires on the control switch part needs to be hooked up as they come loose. Also a limit switch on the tower might have to be replaced. I have 2 of them that I could give you. The tower can be taken up and down by turning the pulley by hand, which I have done, but takes longer. I am looking for someone to come over and take the tower down and take it home at a good price. I am on the DXCC number 1 club and this tower has helped me do this. My QTH is Dewitt. If interested please email me at na8d@yahoo.com or call at 517-371-1174. Thank you. Jerry Davis/NA8D

Complete Ham Radio Station: Equipment: Kenwood transceiver TS 140S, Kenwood Antenna Tuner AT-250, Astron Power RS-35m, 2m FM Icom, Vencher keyer w tone generator, all band 80 – 10 G5RV antenna, may have coax, and a 50' tower. Asking for ~700 for all. No reasonable offer will be refused. Contact: Lloyd Mox/WB8GXN 517-669-5854.

MSU Amateur Radio Club gets a “Grrreat Visitor”

We at the MSUARC are used to getting visits from many famous dignitaries, including, Kings, Presidents, Sheiks, Emperors, Sultans, Knights, Generals, Ministers, Priests, Squires, Pages, and Pledges, Just to name a few.

When He heard W8SH had just received a new membership to the NAQCC, He was overcome with joy at the possibility of “Pounding the Brass” wid the rest of the Cool Cats! So I grabbed a picture of Tony the Tiger, and myself with straight key in “paw”. As Tony says “Morse Code is the Cats Meow!” es those MSUARC & CMARC members, well “ Their GRRRREAAAT !!!!! “

73 de W8SH (Gregg)



NETS in the Greater Lansing Area

"The Breakfast Club Net" meets EVERY weekday morning from 7am to 11am on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now for over FOUR YEARS (since September 24, 2009) and averages around 90-100 check-ins per morning, but the NEW all-time record is 118 people in one morning's Net (and that's NOT counting rechecks)! So, if YOU are getting bored with just listening to Broadcast Radio during the morning commute, come and see what all the commotion's about—join Don and the rest of the gang every weekday morning on "The Breakfast Club Net"! They'll not only wake you up—they'll put a smile on your face, too! And thanks to Daniel Burk/NE8K, EchoLink is now available each morning via the *DODROPIN* Conference Server (ID# 355800), so it's never been easier to check in and join the fun! Whether you're somewhere throughout the United States (or world), or right here in the mid-Michigan area, you can now check in by repeater, your computer, your cellphone or other EchoLink device—at your convenience! So, stop by in the morning and say, "Hello!"...and while you're at it, why not join "The Breakfast Club Net" Facebook Group! They are already 353 members strong and would love to have YOU join them, too! www.facebook.com/groups/112208875498362

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 **"Lansing Area/Ingham County Amateur Radio Public Service Corps Training Net"** meets on the first Monday night of the month at 7pm on the 145.39 repeater (PL 100 Hz). Volunteer Net Control Operators are needed each month, as well as someone to provide Training, so if you are an ARPSC member and wish to sign up, contact Net Coordinator Don McLain/KB8RAD at (517) 694-0812.

The **"Ladies Tea Time Net"** meets every Tuesday evening at 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Julie McLain/KB8ZXR, and can now also be found on the *DODROPIN* EchoLink Conference Server (ID# 355800)! Everyone is welcome to check in—even all you guys!! This Net has been around now for SIX AND A HALF YEARS (since July 3, 2007), so let's keep it going and growing!!

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. Be sure to stop by after Julie's Net and say "Hello!"

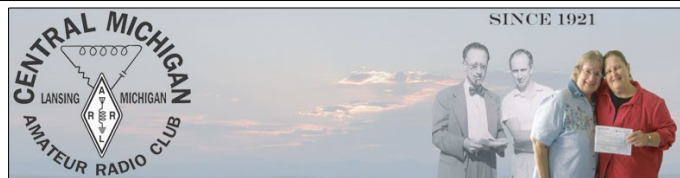
The **"Mid-Michigan Information & Trader's Net"** meets every Wednesday evening at 7:00pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now for over FOUR YEARS (since November 11, 2009) and is still growing!! Be sure to join Don for a time of FUN, FELLOWSHIP, and INFORMATION!! There will be helpful Ham-related information to share from both Net Control and our check-ins, time for questions and answers, and "Trader's Net" style on-the-air swapping of Ham-related equipment throughout the Net. Sounds like a good time to me!!

The **"Michigan Radio Amateur Youth Net"** (or MRAY) meets every Thursday night at 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Matt Miller/KD8OOS or other area young people. In addition, EchoLink is available for the first hour of the Net by searching for "MRAY", or the *DODROPIN* Conference Server (ID# 355800). Although the Net specifically targets the Youth (who are the future of Ham Radio), ADULTS are welcome to check in, too!! Also, Third-Party check-ins are encouraged to join the Net as a way of introducing young people to the Hobby. So, EVERYONE be sure to check into the MRAY Net and show YOUR support for our youth!

**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.**

The CMARC & LCDRA Board

The SCOPE is published by the CENTRAL MICHIGAN AMATEUR RADIO CLUB in association with the LANSING CIVIL DEFENSE REPEATER ASSOCIATION.



Our CMARC Officers

President:	Daniel Beuchert-WX8MOJ	Ph: (517) 604-1379
Vice President:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Secretary:	Jane Hosford-KC8FSK	
Treasurer:	Jerry Waite-KD8GLN	Ph: (517) 882-5406
Director:	John Doornhaag-KD8NNQ	
Director:	Sharon Waite-KD8HHK	Ph: (517) 882-5406
Under 22:	Matt Miller-KD8OOS	
Cards/Flowers:	Jane Hosford-KC8FSK	Ph: (517) 648-8240
Photographer:		
Club Contact:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Building Coord.:	Dan Beuchert-WX8MOJ	Ph: (517) 604-1379
QSL/ Awards Mgr:	Don DeFeyer-KC8CY	Ph: (517) 641-4533
Scope Editors:	Dawn Beuchert-KD8MWA & Dan Beuchert-WX8MOJ	

****email address: cmarcscope@hotmail.com ****
Deadline for SCOPE: 20th. of month

**Meetings are held the second Friday of every month at:
Salvation Army-Capital Area, 701 W. Jolly Road, Lansing
at 7:00pm. Board Meeting begins at 6:30 pm.
Club Calls: W8MAA & W8PLP**



Our LCDRA Officers

President:	John Imeson- N8JI	Ph: (517) 449-1517
Vice Pres:	Don Tillitson-WB8NUS	Ph: (517) 321-2004
Secretary:	Ron Harger- WD8BCS	wd8bcs@arrl.net
Director:	Jan Bradfield- KC8BFB	Ph: (517) 202-1779
Director:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Director:	Jim Harvey-KA8DDQ	Ph: (517) 882-5796
Tres./Mem. Ch:	Jeff Oberg-KB8SXX	Ph: (517) 712-1302
Repeater Trustee:	Dennis Boone-KB8ZQZ	email: drb@msu.edu

LCDRA Call: W8BCI

**Meetings: Quarterly on the third
Thursday of the month, beginning at
7:00pm. Meetings are held at
Fire Station #8, Marshall St, Lansing**

Show Your Support for Amateur Radio and Join CMARC & LCDRA Today!



JOIN TODAY!

Central Michigan Amateur
Radio Club, Inc.

As a licensed Amateur, you can **sign up today** as a Full Member. As a Full Member of CMARC, you will receive voting rights and an annual subscription to 'The SCOPE'.

This newsletter is filled with Club News, special interests and events.

Sign up today as an Associate Member and it includes an annual subscription to 'The SCOPE'. (no voting rights as an Associate Member)

New licensees are now eligible for a *one FREE year membership* at CMARC and **Under 18** licensees are *eligible for FREE membership!*

JOIN TODAY!



Lansing Civil Defense
Repeater Association

Any Licensed Amateur can become a member of LCDRA for ONLY \$15 a year! Just sign up today and as a member, you'll receive an annual subscription to "The SCOPE", as well as, voting rights in the Association. All Hams under 18 yrs. are *eligible for FREE membership!*

LCDRA owns, operates and maintains four Lansing Area repeaters, and while use of the repeaters does NOT require membership in LCDRA or CMARC, your support is **very appreciated!!**

Name _____ Callsign _____

Address _____ City _____ State _____

ZIP _____ Phone _____ Lic. Class _____

ARRL Member? _____ Birthday _____ Wedding Anniversary _____

Year 1st Licensed _____ Please supply email for SCOPE mailing _____

Full ☐ Associate ☐ New Licensee (1 yr free) ☐ Under 18 (free) ☐

Full Membership \$15 per calendar year
(must be a licensed Amateur to obtain a Full Membership)
Associate Membership \$5 per calendar year.

Please make your checks payable to "CMARC" and mail to:

Jerry Waite KD8GLN
2816 Cabot Dr
Lansing MI 48911

Name _____ Callsign _____

Address _____ City _____ State _____

ZIP _____ Phone _____ Lic. Class _____

ARRL Member? _____ Birthday _____ Wedding Anniversary _____

Year 1st Licensed _____ Please supply email for SCOPE mailing _____

Membership in LCDRA is \$15.00 per calendar year
(Add a family member for only \$7.50 per person, per year.)
LCDRA maintains our four local repeaters
and your support is greatly appreciated!!
(Membership is not required to use our repeaters.)

Please make your checks payable to "LCDRA" And mail to:

Julie McLain KB8ZXR
4444 Sycamore St. #1Holt, MI 48842

Central Michigan Amateur Radio Club
P.O. BOX 27321
Lansing, MI 48909-7321



Central Michigan Amateur Radio Club

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