



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

centralmiarc.com

Serving Our Community Since 1921

lcdra.net

John Imeson (N8JI) – Repeater Presentation!



Our presentation for September was an overview on the LCDRA repeaters by John Imeson (N8JI), LCDRA's President.

Check out page 7 for more information and lots of pictures!

By the way, the next quarterly meeting of the Lansing Civil Defense Repeater Association (LCDRA) will be on Thursday, October 20th at 7 p.m. at Fire Station # 8 in Lansing.

(Photo courtesy of John's PowerPoint)

October's CMAC Presentation

The program for October will be an explanation and demonstration of Amateur Radio Traffic Handling by our own Bob/K8RDN and Dan/WX8MOJ. So bring yourself and your questions to a very instructive and interesting meeting on October 14th and 7:30 p.m. See you there!

Scoping out the SCOPE

See how you can help the
Salvation Army
Page 3

Are you crafty?
Check out
Page 6!

September ARPSC Minutes
Page 10

September CMARC Minutes
Page 11

October 2011

What's My Sign?

By: Julie McLain KB8ZXR

I was born on November 12, 1958 in Miami, Florida. My father was a carpenter/genius and my mother worked for an auto manufacturer. Although they already had their hands full with work, they still managed to raise our family consisting of me, my brother and two sisters. As I was growing up, I spent lot of time working with my Dad. I graduated from High School in 1976. After I moved to Michigan in the Lansing area, I went to Lansing Community College and studied Mechanical and Chemical Engineering to provide for my future. I went on to become a team coordinator at General Motors in Rim on the prime side, making parts for Corvettes, Oldsmobiles and Buicks.

It was at my job with General Motors that I met the woman I would some day marry. She worked right across the line from me and one day she walked right up and told me a cute joke. That was it—I fell in love right then and there!! I went on to marry my sweetie on February 23, 1991. We got married at El Centro Speedway in California at a “World of Outlaws Sprint Car Race”—in front of thousands of people! Steve Kinser, the 20- time champion of Sprint Car Racing, was my Best Man and his wife Dana was my wife’s Maid of Honor! We eventually went on to have a son.

In the days before I discovered Ham Radio, I was an avid scanner monitor. One day, my friend Carl/K8YHH introduced me to the world of Amateur Radio, taking time to explain all about the Hobby to me. I soon caught the “bug”! Even though Carl taught me a lot about Ham Radio, my mentor was Bob/N8TNT. After their input and a lot of studying, I went to a VE session in Howell. I still remember one of their VE’s—he was in a wheelchair and even though I can’t recall his name, I remember that he was very knowledgeable and nice and really made an impression on me. Well, in 1993, I took my exam and walked out with a smile on my face and my Technician CSCE in my hand. I couldn’t wait until I found my new Callsign on the FCC database so I could get out on the air and start talking!!

My Ham shack these days consists of Yaesu, Alinco and Kenwood radios and the antennas are a Yagi, a quad and a Diamond dual-band. I really like to build quad antennas. They are not only cheap to make, but they work great! When I’m on the air, I like to work 2-meters, 440 and Simplex, and you can usually find me out on the 145.39 repeater enjoying all the different Nets. It is an honor to check into “The Breakfast Club Net”, the “Ladies Tea Time Net” and the “MRAY Net”. I have also really been enjoying and learning a lot on the “Slow-scan TV Net” which is run on Sunday night’s with Net Control Carl/K8YHH. Another thing I would like to learn some day is Morse Code, even though it is no longer required. Besides enjoying talking on the air, my wife and I are both currently members of the Central Michigan Amateur Radio Club where we have a lot of fun. In addition to Ham Radio, in my spare time I love to do Sprint Car Racing, as well as shopping and going to Flea Markets with my wife.

When Julie asked me if I had any words of wisdom that I’d like to share I replied, “This is a great Hobby so, if you don’t have a license, get one and if you have one, use it!! I would like more members at CMARC, more activities, and more people getting involved. Action! Another thing I’d like to share is, I believe God is still doing miracles!”

There, now that we’ve become a little better acquainted, “What’s My Sign?” My Callsign is N8YCM and my name is Joe Keresztes-Paul. My wife is Adrina/KD8OQW and my son is Paul/KD8OQU.

**If you know of someone who would make a good What’s My Sign Candidate,
contact Julie McLain (KB8ZXR) at 517-694-0812 or email kb8zxr@aol.com**

October

Birthdays

10/02 Amanda Bates
10/05 James Lakin W8JRL
10/13 Jane Hosford KC8FSK
10/14 Robert Mann WD8OEV
10/17 Nick Proy KB3LSR
10/18 Michelle Bates
10/20 Jeri McMillan
10/20 Brett Pilarski KC9EPX
10/20 Greg Sprout KD8ICK
10/20 Keith Watson KD8ICJ
10/26 Arthur McMillan WB9KWQ
10/28 Carl Anderson KD8ONU
10/28 Tom Nash KC8SKL

Anniversaries

10/02 John Crawford N8LLC
10/02 Brett KC9EPX and
Candace KC8QZF Pilarski
10/04 Mike Holcomb WA8KZY
10/14 Carl Anderson KD8ONU
10/14 Dennis Kelly N8OMT
10/24 Arthur WB8KWQ and Jeri McMillan
10/26 Joseph N8VYS and
Pam KB8PSF Denomme
10/31 Charles Shawnee N8CYY

The Salvation Army

SALVATION ARMY TEAM EMERGENCY RADIO NETWORK SATERN

'SATERN volunteers are ham radio operators communicating worldwide to assist in times of disaster.'

The Salvation Army so graciously provides our club with space and asks for little in return.

One way we can show our gratitude would be to join their ranks in SATERN.

If you are interested, more information can be found on their website: <http://www.saturn.org/>

Donations!

We can also help out the Salvation Army by
donating nonperishable food items and/or personal need items.

Just bring them to the next CMARC meeting!

**Let's once again show the Salvation Army how generous and appreciative
we are as a club to have such a nice 'home'!**

OCTOBER 2011 TEA TIME LADIES' DAYS



Birthday

October 13 – Jane Hosford/KC8FSK's Birthday!!



OCTOBER 2011 LADIES TEA TIME LUNCHEON

Please be sure to join us on Saturday, October 22nd at 12:30pm for our next Ladies Tea Time Luncheon. In October, we'll be meeting at Bob Evan's Restaurant, located at 900 American Road in Lansing. This invitation is for ALL Ladies, whether you have a Ham license or not, because it's just a time for us to get together and visit. If you've never attended, please make plans to join us for a time of food, fellowship and fun! Just RSVP by Friday, October 21st so I can make arrangements for us all to sit together. 73!

~ Julie McLain/KB8ZXR, Ladies Tea Time Luncheon Coordinator ~

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



THE LADIES TEA TIME NET!

Please join us every Tuesday evening at 7pm on the 145.39 (100 Hz PL). All Ladies are welcome...and so are our Gentlemen!! Remember, Ladies, even if you're not licensed, you can still check-in! That's right, as long as you have a Ham husband or friend who is willing to act as Control Operator, you can talk "Third-party" on THEIR callsign! So, just pour yourself a cup of tea, grab the mic and join us. I'll be listening for you!!

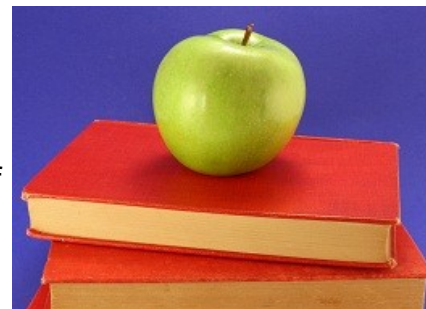
~ Julie McLain/KB8ZXR, Ladies Tea Time Net Coordinator ~



LICENSE MANUAL LENDING LIBRARY

A couple of years ago, it was brought to my attention by a prospective Amateur Radio Operator that not everyone who wishes to become a Ham can afford to buy the necessary License Manual and are thus held back from realizing their dream. As the "New Ham Ambassador" for the Central Michigan Amateur Radio Club, the thought of our Club or Hobby being diminished by even one future Ham because of a few dollars didn't set well with me.

That's why back in October of 2008, I decided to remedy the situation by starting a "License Manual Lending Library", which would be stocked with up-to-date donated Technician, General and Extra class books. As the new owner of the books, I would also serve as Librarian in charge of lending the manuals out and keeping track of them so they could be successfully retrieved for future use by others. Thanks to the generosity of our fellow Hams, I received donations of a handful of Technician manuals, as well as a couple of General and Extra class books. And over the last two and a half years, the Library has been a success! It has been responsible for EIGHT NEW HAMS, and FIVE UPGRADES!!



However, when they expired in 2010, I was left with no Technician manuals to keep up with the many requests. Once again, thanks to the unselfishness of a few Amateurs, I received four brand new manuals. But, they were quickly snapped up and I can't keep up with the many requests for a book. Also, the General manuals expired at the end of June 2011 and new books are needed to replace them. So, if you have a CURRENT Technician, General or even an Extra class license manual that you are no longer using and wish to donate to this endeavor, PLEASE contact me at: [\(517\) 694-0812](tel:5176940812) or KB8RAD@ARRL.net. Thank you in advance from all those people who stand to benefit from you taking an active role in preserving our Hobby and ensuring its future growth.

73,

Don McLain/KB8RAD - Librarian

HAMFESTS

On Sunday, October 16th at the Kalamazoo County Fairgrounds is the Kalamazoo Hamfest, sponsored by the Kalamazoo Amateur Radio Club and the Southwest Michigan Amateur Radio Team. You can check out their website at: KalamazooHamFest.com

On Sunday, October 23rd at the American-Polish Century Club in Sterling Heights is the 26th Annual USECA Hamfest, sponsored by the Utica Shelby Emergency Communication Association. You can check out their website at: usecaarc.com

On Saturday, November 19th at the Allen County War Memorial Coliseum is the Fort Wayne Hamfest and Computer Expo/ARRL Indiana State Convention, sponsored by the Allen County Amateur Radio Technical Society. You can check out their website at: fortwaynehamfest.com

MEETING SCHEDULE

GROUP	DATE	TIME	LOCATION
CMARC	10/14/11	7:30 P.M.	SALVATION ARMY
ARPSC	10/17/11	7:00 P.M.	MASON EOC
LCDRA	10/20/11	7:00 P.M.	FIRE STATION # 8



ATTENTION USERS OF LCDRA's REPEATERS!! CRAFT SALES PARTICIPANTS NEEDED!!



Several months ago, a number of concerned Hams who are LCDRA members or who just use any of LCDRA's repeaters, began brainstorming about what WE could do to help generate some money for the Lansing Civil Defense Repeater Association, considering all the upcoming repeater projects. One thing we all agreed on was that EVERYONE could do something to help, no matter how small that something may be. And, in the course of our discussions, we found out that many of us love to do crafts, whether it's knitting, sewing, carving, painting, or wood-working, just to name a few...and an idea was born!! We could all get busy on some craft projects, rent a table at a couple of local crafts sales this Fall, donate our stuff for sale and give ALL of the proceeds to LCDRA's General Fund. We fully realize that we won't be making a ton of money doing this, but once again, every little bit helps!!!

So, just in case you're wondering, our "Craft Sales Fundraiser Project" is NOT a CMARC or LCDRA sponsored endeavor, but it is simply for ANYONE who uses the 145.39 or any of the other repeaters owned and operated by LCDRA, regardless of their Club affiliation! Our desire is just to help raise some money for LCDRA's General fund! If you couldn't attend the September CMARC meeting, you missed out on a great one!! John Imeson/N8JI, LCDRA's President, was our Guest Speaker and one of the things he spoke about was the 145.39 repeater's move to Eaton County and how we will be going back up on the WKAR tower in Okemos next year. At the conclusion of his presentation, John stated that it was LCDRA's goal to have \$10,000 in their treasury by next year when we need to hire someone to climb the new WKAR tower and put all our stuff back up. After that is done, we still need to have a buffer so in the event that we have to replace an antenna or feedline on any of the repeaters, as well as make any other improvements in the future, we'll have something to fall back on. Sure, that may sound like a lot of money, but if just those Hams who use the repeaters would renew or get a membership with LCDRA, THAT alone would go a long way towards meeting this goal!

Now, I have a question for you: Have you enjoyed using any of the LCDRA repeaters? If so, have you renewed or become a new member of LCDRA? If you have, THANK YOU!! Would you like to help even more? Then my next question is: Are you a "crafty" person? If you are, we need YOUR help!! We need lots of craft donations and whatever you're willing to donate, we'll take!! All donations need to be submitted by the end of October at the latest, so we will have time to sort and price them. So, until then, I just want to say "Thank YOU!" in advance for doing YOUR part in helping LCDRA meet their goal. If you have any questions about our efforts to raise money for LCDRA or how you can help, please contact me at: (517) 694-0812 or KB8ZXR@aol.com

Also, if you will be submitting a craft donation for this Fundraising Project, please contact me as soon as possible and let me know. That way we will be able to see how much stuff we have to work with and it will help us to better plan on how many tables we need to rent. Thank you!!

73,
Julie McLain/KB8ZXR
Chairperson, Craft Sales Fundraiser Project

**For September's CMARC meeting, John Imeson (N8JI) put on a great presentation with lots of interesting information.
The following is adapted from his PowerPoint. Thanks John!**

Did you know?

- LCDRA was founded in 1968
- It's original name was the Lansing Civil Defense Communications, Inc.
- It's original founders were:
Jim Holcomb WA8KZY, Dan Harger
W8BCI, Dale Moore K8YRD

LCDRA is NOT:

- A social club
- A 501(c)3 IRS charitable organization.

LCDRA IS:

- A non-profit corporation which owns and operates repeaters, assist other repeater owners with maintenance.
- Overseen by an elected Board made up of Officers and Directors.
- Served by an appointed Trustee who takes care of all the FCC and State of Michigan filings.
- ... **all repeaters, all the time!**

LCDRA and CMARC Relationship:

- Technically, there isn't one.
- LCDRA used to pay the postage for the SCOPE.
- Overlap of membership.
- LCDRA operated the Ham Fair.
- Promote and support each other's activities.
-

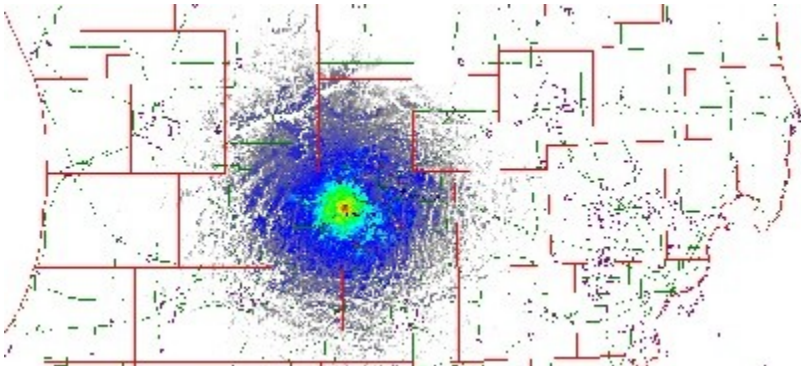


LCDRA Repeater List:

- 145.390 on WKAR tower in Okemos, 100.0 Hz PL
- 146.700 at Ingham Regional Medical Hospital, 107.2 Hz PL
- 146.940 at Ingham Regional Medical Hospital, 100.0 Hz PL
- 224.980 at Ingham Regional Medical Hospital., 100.0 Hz PL

History of 145.39 Repeater move:

1. WKAR taking down old tower, putting up new tower.
2. Required to use WKAR's contractors.
3. Contractor first quoted \$15,500.
4. Contractor's second quote - \$11,765.
5. Contractor has 1 year warranty period.
6. Of possible alternatives, LCDRA Board determined relocation best option.
7. Eaton County offered spot on their tower.
8. Antenna removed from WKAR tower at no cost.
9. Antenna relocated to Eaton County tower.
10. Temporary repeater constructed and installed.

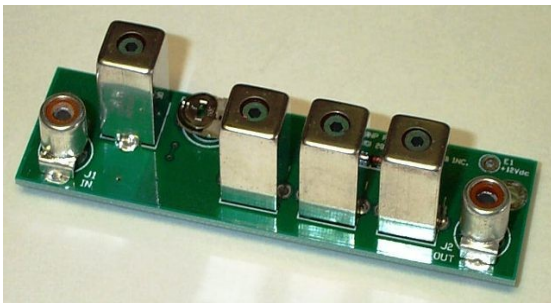


The Making of the



What happens when your signal leaves your antenna?

A Repeater TRANSMITS and RECEIVES on ONE antenna AT THE SAME TIME!
A large filter called a DUPLEXER separates/combines the RECEIVE and TRANSMIT signals.



Hamtronics LNP-146 Preamplifier with Preselector LNP-146 Preamp:

Narrows pass bandwidth of incoming signal.
Amplifies incoming signal (approx. 15 db gain).

Icom IC-FR5000 repeater.
Output from Repeater:
Discriminator audio.



CAT SQ-1000 Squelch Board.

Discriminator Audio in.
SQ-1000 Provides:

- Squelch control.
- COR signal.
- De-emphasis.

Com-Spec TS-64DS CTCSS Board. Discriminator audio.

TS-64DS Provides:

- CTCSS detection.
- Trigger voltage for controller.
- High-Pass audio filter.



Computer Automation Technology CAT300DXL Controller.

Filtered audio.

CAT300DXL Provides:

- Voice identifier.
- CW identifier.
- Courtesy beep.
- Hang tail.

Back to IC-FR5000 transmitter.

Inputs to repeater:

- Filtered audio with all sorts of additions.
- PTT signal.

TPL RXR Power Amplifier.

Amplifier:

- Takes approximately 12 watts from the repeater.
- Amplifies to approximately 80 watts out.

(September's presentation continued!)

**Back to the duplexer –
50 watts out of duplexer.**



**While your signal is being received, the repeater is
transmitting it back out.**

Future LCDRA happenings:

- Paperwork signed to return to WKAR tower (about one year from now).
- Eaton County site – potential receive site for 145.390 and the Charlotte RACES group's 147.080 repeater.
- Add a receive site in south-east Ingham County (Dansville/Stockbridge area).
- Add a receive site in Clinton County.

LCDRA Fundraising needs:

- Cost of antenna system installation at WKAR tower.
- Equipment infrastructure to support receive sites:
 - Receive voter at WKAR tower.
 - Link receivers at WKAR tower.
 - Link transmitters at receive sites.
 - Receivers at receive sites.
 - VHF receive antennas at receive sites.
 - Link transmit antennas at receive sites.
 - Link receive antenna at WKAR tower.

**Target fund raising goal:
\$10,000 by July 2012!**



Don't forget! The next quarterly meeting of LCDRA is THIS MONTH!

**Come join us on October 20th at 7:00 p.m. at Fire Station #8 in Lansing to show your
support for our local repeaters!**



Lansing Area/Ingham County Amateur Radio Public Service Corps



9-19-11 ARPSC Meeting Minutes @ Lansing EOC

Website – Meeting minutes will be getting up on the website, and published in the SCOPE.

Reporting Service Hours – Tom Shaver (AEC) is interested in the all the hours spent, including special events. Admin and equipment hours are also tracked. The ARPSC service hour reports are to be in between 1st and 5th of the next month for the previous month. Total your hours (and miles) spent for ARPSC related activities (such as monitoring river gauges, preparation work for nets/training, etc). These hours count towards work hours that relate to the amount of money the state receives for public service. Totals of service time should be sent to Tom Shaver.

CERT / RACES / ARPSC Picnic – Held Aug 23rd. Horseshoes, volleyball, and "fill the water" were played, and the RACES/ARPSC won each event. At the picnic, Jeff, Dennis, Ron, and Erv received awards for their service for the year.

Exercises – Tom and Jim recommended that anyone who can, to volunteer for the different COMEX/AREX and other related exercises to gain experience.

145.39 – The 145.39 is at the new Eaton County location at an elevation of 175' above ground level. Check-ins from base stations as far away as Saginaw, and mobiles as far north as Claire, west to Lake Odessa, and east to Gregory. There has been talk of remote receive sites in the future to extend the range. The old WKAR antenna is on and will remain at the Eaton County site. Thanks to Jan Bradfield (KC8BFK), who donated the repeater being used at the Eaton County tower.

Service Events – The Hospice Walk (at Granger Meadow Park in Dewitt) is a 5k walk and bike ride. Hospice Walk organizers are excited to have the ARPSC helping out. There is the potential to have ATV setup at this event in the future. The Women Working Wonders walk missed us.

ATV – Recently, ATV was deployed when the controversial reverend held a demonstration at the Capitol. 4 hours of ATV was completed at the site.

LCDRA – There is a craft sale going on to help raise money for LCDRA (to help with costs related to the 145.39 move). If you have a craft you can donate, contact Julie KB8ZXR. Monitor listserv for updates.

Skywarn – There is a new channel for contacting Ingham (in SOG). We are now on the Mutual Aid Channel. When contacting dispatch, you say who you are first, then who you're calling – "This is Ingham Skywarn, calling Ingham..." etc. Skywarn net-control operators will be working to spread out the work load by having more people assist, but each working less. The Skywarn website has been updated, so check out the new information.

How to send a Station Activity Report (Bob K8RDN)

Information you must have to submit: how many nets, traffic handled, public service events.

Nets: Know how many nets you have participated in.

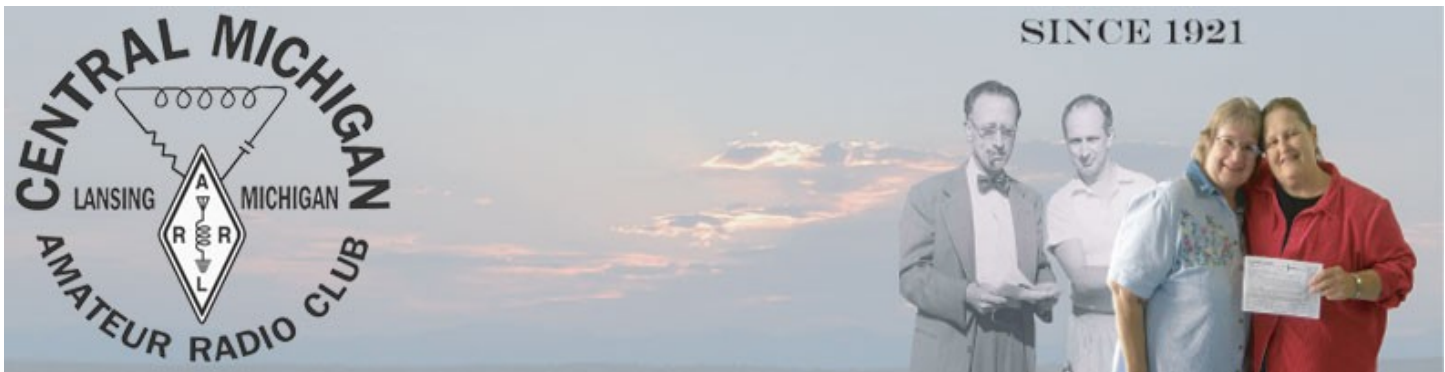
Traffic: Know if you have: originated, sent, received, or delivered. These are put into the form.

Public Service: Record the date and the times (including travel times).

To submit a report – go to www.ares-mi.org. In Resources menu, click on Michigan Section NTS. In the Resources menu click on Report Formatter. Enter the requested information.

To learn more about reports, go to www.arrl.org

The next ARPSC meeting will be on Monday, October 17th at 7pm at the Ingham County Sheriff's Office in Mason in the Sgt. Paul Cole Training Room



CMARC BOARD MEETING September 9th, 2011

President Sharon/KD8HHK brought the meeting to order at 7:03 p.m. with the following Board members in attendance: Vice President Dan/WX8MOJ, Treasurer Jerry/KD8GLN Secretary John /KC8QZB, Director Carl/K8YHH, Director Don/KB8RAD, Under 22 Director Corey/KD8BOQ

- Sharon/KD8HHK reported that Ron/WD8BCS is retiring as CMARC listserv administrator and Field day co-chair. He wants to concentrate on his needs at home and at work.
- Carl/K8YHH reported that the tri-bander is ready to put up. Bob/K8RDN has polished all the aluminum and a clear-coat of paint has been put on. It is just a matter of getting a crew together to put up the last two sections. He also asked what we are going to do about a two meter antenna, will it be a two meter antenna or a dual-bander? Carl/K8YHH will get prices on coax and rotor cable and a dual band antenna.
- Sharon/KD8HHK reported that the walls are up and painted in the Club radio room at the Salvation Army. After the carpet is sanitized the radio equipment can be set up and checked out.

With all business concluded Jerry/KD8GLN made a motion to adjourn, seconded by Dan/WX8MOJ and approved. The Board meeting closed at 7:27 pm.

John/KC8QZB – Secretary

CMARC MEETING MINUTES September 9th, 2011

President Sharon/KD8HHK called the meeting to order at 7:31 p.m. and welcomed both our members and those visiting with us tonight. We had a moment of silence in memory of our "Silent Keys".

ATTENDANCE:

There were 39 people in attendance (37 members and 2 visitors). Our guests were: Kent Goodwin; Chad Lycos/N8JFY; Donna Cote; Mary Tillitson, Our speaker for the evening: John Imeson/N8JI.

INTERESTING DX CONTACTS:

Gregg/WB8LZG worked VK7XX in Tasmania on 20m using JT65.

ANNOUNCEMENTS:

- The next CMARC meeting will be on Friday, October 14th at 7:30 pm. Don/WB8NUS reported that the next run will be the Hospice run and walk on October 2nd 2011 at Granger Park just north of Granger's recycling on Wood Street on the north side of Lansing. The event starts at 11am.
- Don/KB8RAD reported that there is a VE test session at the Ingham County Sheriffs Dept. in Mason at 11am on September 10 2011.

OLD BUSINESS:

Bob/K8RDN reported that the tribander has been cleaned up and Krylon sprayed on it.

NEW BUSINESS:

- Sharon/KD8HHK reported that Ron/WD8BCS has too much to do and will no longer be the field day co-chair or the CMARC listserv administrator. If someone is interested in these positions please contact Sharon/KD8HHK, also Linda/K8LCC will not be in charge of field day food next year so we will need fill this position with one or more persons.
- John/KC8QZB reported that his 64 bit windows 7 will not run older programs that run on Windows XP. He has found a program called virtual box that simulates a computer with nothing on it. Just like a real computer, an operating system must be installed. After installing Windows XP in the "virtual computer" older programs run just fine.
- Chad/N8JFY reported that the Boy Scouts will be having the annual Jamboree on the Air on October 14th and 15th. This also coincides with the fall jamboree on October 14th, 15th, and 16th at the V.F.W. hall in Eaton Rapids. He is looking for volunteers to setup a station.

50/50 DRAWING:

Bernie/W8BFG won \$13.00 in tonight's drawing.

BREAK:

[Sec. Note: Thank you to all who helped with the goodies—your contributions are always GREATLY appreciated!]

MAIN PROGRAM AND/OR SPEAKER:

John Imeson/N8JI was our speaker for the evening. He put on an interesting program on how repeaters work.

With all business being concluded, Bernie/W8BFG moved to adjourn, 2nded by Don/KB8RAD, we adjourned at 9:15 pm.

John/KC8QZB – Secretary

September 2011 Treasurer's Report	
Primary Share Acct. (Humphries Fund)	\$1086.57
Business Checking	\$2049.12
Net Worth	\$3135.69
Youth Fund Balance* (as of 02/28/10)	\$189.54
Building Fund (Club Station)	\$9.09
*separate from CMARC Funds	
Submitted, Jerry Waite/KD8GLN - CMARC Treasurer	



NETS in the Greater Lansing Area

"The Breakfast Club Net" meets EVERY morning (Monday through Friday), from 7 to 11am on the 145.39 repeater, with Net Control Don McLain/KB8RAD.

The **"Central Michigan Slow Scan TV Net"** meets every Sunday evening from **8:00-9:30pm** on the 145.39 repeater with Net Control Carl Canfield/K8YHH. EVERYONE interested is welcome to join 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. Also, you can click on www.ab8zl.com to see the photos sent during Net.

The **"Lansing Area/Ingham County Amateur Radio Public Service Corps Training Net"** meets every Monday night at 7pm on the 145.39 repeater (except for on the 3rd Monday, which is meeting night). Volunteer Net Control Operators are needed each week, as well as someone to provide the Training, so if you are an ARPSC member and wish to sign up, you can contact Net Coordinator Don McLain/KB8RAD at (517) 694-0812.

The **"Ladies Tea Time Net"** meets every Tuesday night at 7pm on the 145.39 repeater, with Net Coordinator Julie McLain/KB8ZXR. Everyone is welcome to check in—even all you guys out there!!

The **"Quarter Century Wireless Association Net"** also meets every Tuesday night but at 8pm and on the 146.70 repeater, with Net Control Don Tillitson/WB8NUS, so drop by after Julie's Net and say, "Hello!"

The **"Mid-Michigan Information Net"** meets every Wednesday night at 8:00pm, with Net Control Don McLain/KB8RAD. Be sure to join Don for a time of FUN, FELLOWSHIP, and helpful INFORMATION!!

The **"Michigan Radio Amateur Youth Net"** or **MRAY**, meets every Thursday night at 8pm on the 145.39 repeater with Net Coordinator Corey Bulock/KD8BOQ. Although the Net specifically targets the Youth, who are the future of Ham Radio (whether they are licensed or non-Hams by way of Third-Party Participation), ADULTS are welcome to check in, as well!! ECHOLINK will be turned on just for the Net each week, and there is also a [LIVE Webcam to enjoy during the Net](#), along with a chat room on the MRAY website, at: www.mraynetwork.com.

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

VE TESTING SESSIONS

Ingham County VE Group

Location: Ingham County Sheriff's Dept. Mason

Contact Person:

Don McLain/KB8RAD (517) 694-0812 KB8RAD@arrl.net

Thursday at 7:00 p.m.

December 1st

Saturday at 11:00 a.m.

November 12th

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 8th December 10th

Shiawassee ARC

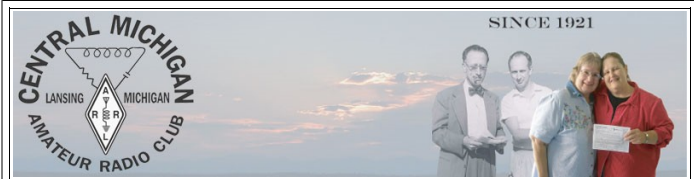
Location: American Red Cross,
702 Corunna Avenue, Corunna, MI 48817
Contact: Thomas Carpenter (K18AS) (517) 579-0599

Thursday at 7:00 p.m.

October 27th December 22nd

The CMARC & LCDRA Boards '11

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



Our CMARC Officers

President:	Sharon Waite-KD8HHK	Ph: (517) 882-5406
Vice President:	Dan Beuchert-WX8MOJ	Ph: (517) 604-1379
Secretary:	John Hosford-KC8QZB	Ph: (517) 712-8381
Treasurer:	Jerry Waite-KD8GLN	Ph: (517) 882-5406
Director:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Director:	Carl Canfield-K8YHH	Ph: (517) 755-6627
Under 22:	Corey Bulock-KD8BOQ	Ph: (517) 930-2372
Cards/Flowers:	Jane Hosford-KC8FSK	Ph: (517) 648-8240
Mem. Chmn.:	John Ingraham-NG8L	Ph: (517) 230-9445
Photographer:	J. Ervin Bates-W8ERV	Ph: (517) 908-6739
Club Contact:	Donald McLain-KB8RAD	Ph: (517) 694-0812
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****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 7:30pm. Board Meeting begins at 7:00pm.

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:	J. Ervin Bates-W8ERV	Ph: (517) 908-6739
Director:	Jan Bradfield- KC8BFFK	Ph: (517) 202-1779
Director:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Director:	Jim Harvey-KA8DDQ	Ph: (517) 882-5796
Treas./Mem. Chair:	Jeff Oberg-KB8SXX	Ph: (517) 712-1302
Repeater Trustee:	Dennis Boone-KB8ZQZ	email: drb@msu.edu

LCDRA Call: WB8CQM

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

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



Central Michigan Amateur Radio Club
THE SCOPE
Lansing Civil Defense Repeater Association



October 2011

JOINING: __ CMARC __ LCDRA

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

Mail your check or money order to:

John Ingraham-NG8L
CMARC Membership Chairman
2807 Greenbriar Ave., Lansing, MI 48912
(Checks made payable to CMARC, please.)

LCDRA membership is \$15 per calendar year
(add a family member for \$7.50 per person, per year.)

Mail your check or money order to:
Lansing Civil Defense Repeater Association
P.O. Box 4
Eagle, MI 48822-004

Name _____		Call Sign _____
Street Address _____		State _____
ZIP _____	Phone _____	LIC CLASS _____
ARRL Member? _____	Birthday _____	Wedding Anniversary _____
1 st Year Licensed _____		Email Address _____