



THE SCOPE



Lansing Civil Defense Repeater Association

centralmiarc.com

Serving Our Community Since 1921

lcdra.net

ARRL Centennial Presentation and Annual Potluck

Don't forget to join us this coming Friday, August 8th at 7:00 for the next club meeting. Our speaker for August will be Mr. Larry Camp/WB8R, the ARRL Great Lakes Division, Michigan Section Manager. Larry will be presenting a program about the ARRL's Centennial (which will include a video), because this year, the American Radio Relay League is celebrating 100 years of "Advancing the Art and Science of Radio." He will explain how the ARRL, from its meager beginnings in 1914, has become the national association for Amateur Radio in the USA and is the largest organization of Radio Amateurs in the world!

We'll also be holding our annual Summer Potluck during this meeting as well. Come and join us for a great time with food and friends while we learn more about this wonderful hobby that has brought us all together!



Scoping out *THE SCOPE*


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MEETING SCHEDULE

GROUP	CMARC 	ARPSC 	LCDRA 
DATE	08/08/14	08/18/14	10/16/14
TIME	7:00 P.M.	7:00 P.M.	7:00 P.M.
LOCATION	SALVATION ARMY	MASON EOC	FIRE STATION # 8
WEBSITE	WWW.CENTRALMIARC.COM/	WWW.LANSINGARPSC.COM/	WWW.LCDRA.NET/

August

Birthdays

8/01 CHARLES STAHL/N8DWI
 8/02 DAN CAMERON/KD8QFB
 8/03 JOSEPH DENOMME/N8VYS
 8/08 JOHN TYREE/KD6KCX
 8/09 DAN STOCKWELL/KD8YVA
 8/10 WILLIAM WING/W2PMH
 8/11 DEBBIE HEADLEY/KD8YUX
 8/14 SAM FITZGERALD/N8FPR
 8/17 JOHN STRONG/AC8ML
 8/21 DAVE HAYHURST/K8QH
 8/23 TOM ROCHELEAU/WA8WPI
 8/27 CHRIS RANES/NS8Q

Anniversaries

8/11 DON/KB8RAD AND JULIE/KB8ZXR McLAIN
 8/12 CHRIS/NS8Q AND SHANNON/WA2NVK RANES
 8/14 JOHN/KC8QZB AND JANE/KC8FSK HOSFORD
 8/22 DAN FULLER/W8VVR
 8/26 DON/WB8NUS AND MARY TILLITSON

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



Field Day 2014 Thoughts and Reflection

Greetings fellow Amateur Radio Operators, CMARC and Lansing/Ingham County ARPSC/RACES members! Below are a few thoughts on this years Field Day efforts and the bonus point system.

Field Day 2014 Thoughts and Reflection (cont.)

Although our ARRL Field Day 2014 QSO count was down a bit from last year, our overall (submitted) score was up due to the number of bonus points we earned. There are 16 categories available, and we were able to submit documentation in all but four of them for a total of 1220 points. Does this make us a contender for “the win”?? Maybe not, but it still benefits us in several ways: They publicize not only Amateur Radio in general, but also our roles in assisting served agencies via public service. They hone our skills in those roles by operating under less than ideal circumstances and push us to test communication methods we may not attempt otherwise. And personally speaking I think they make Field Day more interesting!

The following is a list of the bonus point submissions for the W8MAA/KD8ONC 2014 entry:

100% Emergency Power: 300 points.
Educational activity bonus: 100 points.
Site Visitation by a representative of served agency: 100 points.
Field Day entry submitted via ARRL web form: 50 points.
Field Day Youth Participation: 60 points.
Media Publicity: 100 points.
Public Location: 100 points.
Public Information Table: 100 points.
NTS Message Origination to Section Manager: 100 points.
Message Handling: 10 points. (1 message handled this year)
Alternate Power QSO's (min. of 5): 100 points.
W1AW Bulletin: 100 points

We missed out in four categories:

Site Visitation by an invited elected governmental official: 100-points

Several invitations were sent out but the planetary alignments were not in our favor this year.

Individual GOTA operator bonus points for each 20 QSO's completed, per operator (limited).

Andrew Wellwood made a valiant attempt with his 19 QSO's!! Better luck next year OM!

GOTA station supervised full-time by a GOTA Coach: GOTA QSO bonus points are doubled.

A very near miss on this one, but in my opinion the effort alone should count for 100 points.

Satellite QSO: 100 bonus points for successfully completing at least one QSO via an amateur radio satellite.

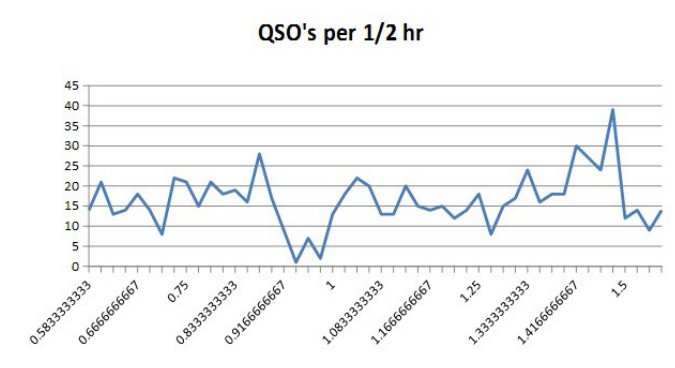
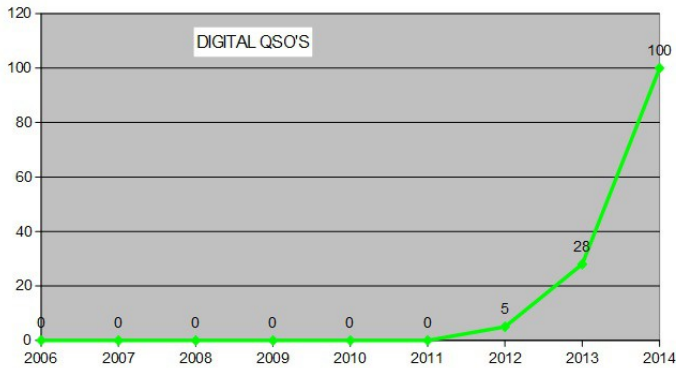
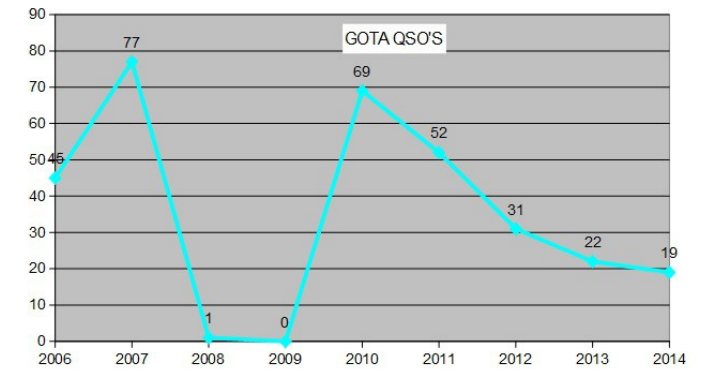
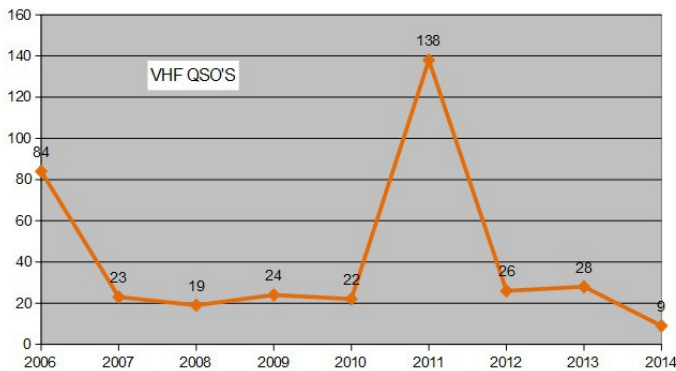
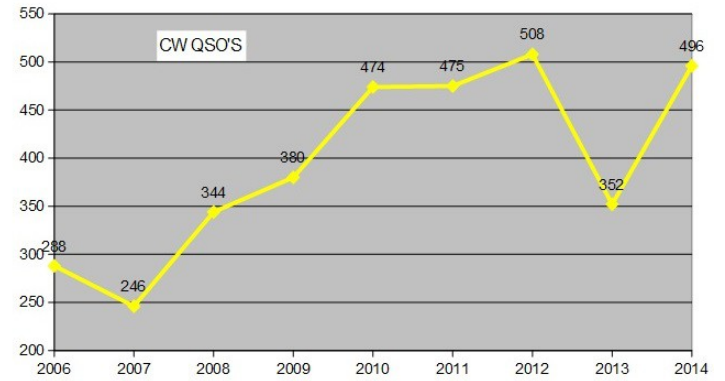
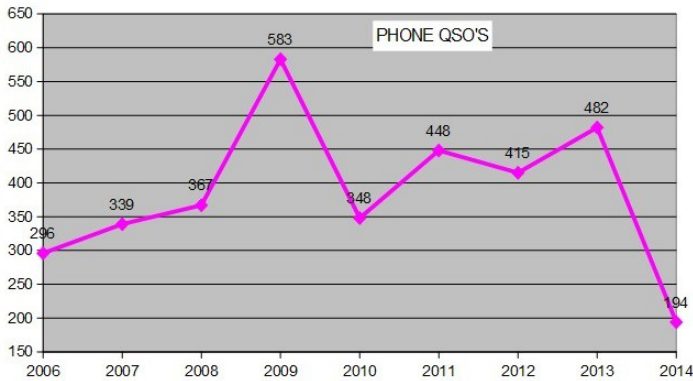
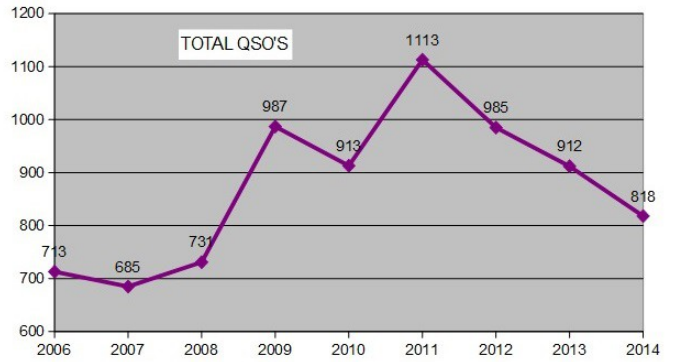
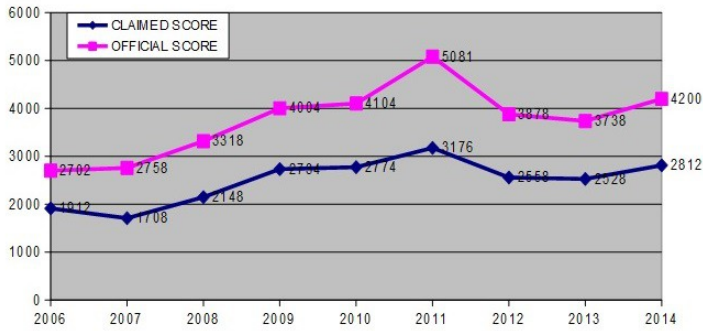
This is a tough one. The Ham satellites are extremely crowded on Field Day! But I think this is one we should attempt in 2015. Anyone want to give this one a try??

Below are some historical graphs that I've been maintaining for the last 8 years. This years “official score” is not yet official, it's my estimate based on previous year's submissions. I'll repost when the ARRL releases the results. Thank you all for another memorable Field Day!

73, de Ron WD8BCS out!

(as of this writing): 347 days, 22 hours, 37 minutes, 13 seconds until Field Day 2015....

Field Day Historical Scores 2006-2014



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

What's My Sign?

By: Julie McLain KB8ZXR

I was born on June 12, 1946 in Carson City, Michigan and grew up, along with my two younger sisters, on my parent's farm which was located just south of Middleton, Michigan. My parents, being farmers, worked long and hard hours each and every day planting, tending and harvesting the crops that they planted. I remember one time that my Dad had planted over 200 acres just in Navy Beans alone. Growing up I attended school in Middleton, graduating from Fulton High School there in 1964.

In 1965 I joined the United States Navy spending 10 weeks of boot camp at the Great Lakes Naval Training Station near Chicago, Illinois. From there I spent a year on the USS Francis Marion (APA-249) in the Troop Transport Communications Radio Department. After that I served another year at Radioman 'A' School for additional radio operations training. Then I went to the Naval Auxiliary Air Station Meridian, in Mississippi for 1 year. My final year was spent performing communications services aboard the USS Wright (CC-2) Communications Aircraft Carrier, which had earlier been converted to a floating Naval Emergency Command Post, ready to take aboard U.S. political and military leaders in the event of a threatened nuclear conflict. In May of 1970 the USS Wright was decommissioned, and that's the same year I received an Honorable Discharge from the Navy where I had served as a Teletype Operator RM2/E-5. After getting out of the service, I went to Lansing Community College for 8 years, getting my Tool Maker Apprenticeship and graduating in 1985 with an Associate's Degree in Computer Numerical Control Programming.

While in the Navy, a couple of well-meaning friends each decided to set me up for a date. Wow! Now I had two dates...the only trouble was that the dates were for the SAME night!! Well, I needed to make a decision but unfortunately I chose the "wrong" girl first. Later on I went out with the "second" date who ended up being the girl of my dreams!! Beverly and I dated for a year and in June of 1968 we got married. We went on to have three sons and twelve grandchildren (two granddaughters and 10 grandsons). After graduating from LCC, I went to work for Franchino Mold & Engineering as a machinist that ran, set up and made metal parts on Computer Numerical Controlled milling machines. I am now retired, but still like to keep busy. My passion is being a Volunteer and Docent (educator) at the Potter Park Zoo here in Lansing, where I have served for six years this coming March. After many hours of training, I have spent the past five years as a Raptor handler and trainer, working with the Eurasian Eagle Owl, a large bird of prey. In my spare time, I enjoy camping and fishing and also like going to summer events such as Air shows, Hot Air Balloon shows, and Civil War Re-enactments.

I guess you can say my love for radio started while I was in the Navy and becoming an Amateur Radio Operator was just the next step. So, in 1963, I tested for my Novice Class license by passing the 5-wpm Morse code test and written exam. A little while later, I went to Detroit to take my 13-wpm Morse code test, the first step toward getting my General Class license. Well, even though I got lost in downtown Detroit and ended up circling the FCC building at least three times, I passed! Then, in 1964, I took the written exam and passed, becoming a General class operator. Just this past April, I tested and became an Amateur Extra at an Ingham County VE Group exam session in Mason.

Currently my station only consists of a Baofeng UV-3R HT, however, at one time I had a Lafayette Receiver and an Ameco Crystal CW transmitter with an 80-meter dipole, but that was a few years back, since I've been away from the Hobby for a while. Now that I'm back you can usually find me out

on the 145.39 repeater checking into the daily Breakfast Club Net. I'm also really interested in trying some Digital modes, and working Echolink and RTTY. I've taken SKYWARN training, helped set up some equipment and antennas, and as soon as I got my Extra license, I got my Volunteer Examiner certification so I could help test others that want to get their Ham licenses. I've also become a member of the Central Michigan Amateur Radio Club and the Lansing Civil Defense Radio Association.

Well, that's all I have to say about myself, but there are a few things I'd like to say to the readers of this article. First of all, I have a suggestion for anyone wanting to upgrade their license: make sure you take all your exams as close together as possible, instead of waiting 48 years in between like I did!! I also want to say that I really enjoy attending the monthly CMARC meetings, because everyone there is so friendly and they make you feel so welcome! There are great speakers there who talk about the different aspects of Ham Radio communications and the Board works very hard at promoting and getting people excited about the Hobby. CMARC runs like a well-oiled machine and if things get off track, they know how to focus on getting them back on again. CMARC is a great organization and the SCOPE is a wonderful Club newsletter that I love to read for all the helpful information.

There, now that we have become a little better acquainted, "What's My Sign?" My Callsign is WA8MFQ and my name is Ted Sadilek.

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. August 7, 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. August 28, 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 T4B11 - Which of the following describes the common meaning of the term "repeater offset"?

- A. The distance between the repeater's transmit and receive antennas
- B. The difference between the repeater's transmit and receive frequencies
- C. The time delay before the repeater timer resets
- D. Matching the antenna impedance to the feed line impedance

2.) Question T1F13 – When must the station licensee make the station and its records available for FCC inspection?

- A. At any time upon request by an FCC representative
- B. Only after failing to comply with an FCC notice of violation
- C. Only when presented with a valid warrant by an FCC official or government agent
- D. At any time ten days after notification by the FCC of such an inspection

3.) Question T7B01 - What can you do if you are told your FM handheld or mobile transceiver is over-deviating?

- A. Change to a higher power level
- B. Talk louder into the microphone
- C. Let the transceiver cool off
- D. Talk farther away from the microphone

General Class 2011 Pool

1.) Question G4B12 - What problem can occur when making measurements on an antenna system with an antenna analyzer?

- A. SWR readings may be incorrect if the antenna is too close to the Earth
- B. Strong signals from nearby transmitters can affect the accuracy of measurements
- C. The analyzer can be damaged if measurements outside the ham bands are attempted
- D. Connecting the analyzer to an antenna can cause it to absorb harmonics

2.) Question G1C06 - Which of the following is a limitation on transmitter power on 1.8 MHz band?

- A. 1000 watts PEP output
- B. 1200 watts PEP output
- C. 1500 watts PEP output
- D. 200 watts PEP output

- 3.) Question G9B07 - How does the feed-point impedance of a 1/2 wave dipole antenna change as the antenna is lowered from 1/4 wave above ground?
- A. It steadily increases
 - B. It is unaffected by the height above ground
 - C. It steadily decreases
 - D. It peaks at about 1/8 wavelength above ground

Extra Class 2012 Pool

- 1.) Question E8B09 - What is meant by deviation ratio?

- A. The ratio of the audio modulating frequency to the center carrier frequency
- B. The ratio of the carrier center frequency to the audio modulating frequency
- C. The ratio of the maximum carrier frequency deviation to the highest audio modulating frequency
- D. The ratio of the highest audio modulating frequency to the average audio modulating frequency

- 2.) Question E7F11 - What is an advantage of a period-measuring frequency counter over a direct-count type?

- A. It does not require an expensive high-precision time base
- B. It provides improved resolution of low-frequency signals within a comparable time period
- C. It can run on battery power for remote measurements
- D. It can directly measure the modulation index of an FM transmitter

- 3.) Question E9A03 - Which of the following antennas has no gain in any direction?

- A. Half-wave dipole
- B. Isotropic antenna
- C. Yagi
- D. Quarter-wave vertical

Questions and Answers Copied from ARRL's "Practice Amateur Radio Exams" found at:
<http://www.qrz.com/hamtest/>

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



August

2014 TEA TIME LADIES' DAYS

August 11th - Julie KB8ZXR and Don McLain KB8RAD's 41st Anniversary!!

August 12th - Shannon WA2NVK and Chris Ranes NS8Q's 8th Anniversary!!

August 14th - Jane KC8FSK and John Hosford KC8QZB's 8th Anniversary!!

August 26th - Mary Lou and Don Tillitson WB8NUS' 64th Anniversary!!

AUGUST LADIES TEA TIME LUNCHEON



It sounds like things should be slowing down a little for everyone and we'll soon be getting back into our old routines, now that CMARC's Field Day and Hamfest is now just a memory! And, I know many of you have been looking forward to hearing that it's time to get together again for our "Ladies Tea Time Luncheons"! So, I'm happy to let you know that our next Luncheon will be on Saturday, August 23rd and we'll be meeting at the Flap Jack Family Restaurant located at 6927 S. Cedar St. in Lansing at 12:30pm. I'm sure looking forward to seeing you all again and I hope you will all be able to attend!! Be sure to watch for the September issue of the SCOPE or check out the "Ladies Only" page on our

Club's website (centralmiarc.com) for the date and location of our September's Luncheon. Remember, CMARC's website is always a great place for details on ANY upcoming event, so, if you want to be able to plan ahead, be sure to check it out!

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!!

~Julie McLain, KB8ZXR~

Ladies Tea Time Net & Luncheon Coordinator

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

www.centralmiarc.com





CMARC BOARD MEETING July 11, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 6:35 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: Chuck McNease/N8CM.

ARRL Meeting: Larry Camp/WB8R-ARRL section manager will speak to us in August.

Tower Metal: Bob/K8RDN and Gregg/WB8LZG have been working on it.

Inventory: What things need to be done annually.

Website: Tom/WA8WPI has been doing a great job. If you find any errors please contact him. The sidebar has been reorganized. Check out the hit counter.

Salvation Army Food Drive: September will be the best month for the food drive. A list of needed items will be in the Scope and on the CMARC website.

Technician Class Update:

- Class is over. Two - five people ready to take their test either tomorrow in Mason or at our hamfest.
- Possibly have people from Cert take the class so they can get licensed. Probably mid to late fall.

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.

SCOPE: Possibly have a new Scope editor in a few months as our current editor is ready to step down.

Field Day 2014: CW 496 contacts, Digital 100 contacts and 214 phone contacts. Total bonus points 1220.

Possibly get a dual UTC and local time clock for the radio room.

Hamfest: Julie/KB8ZXR will talk about that.

Motion to adjourn made by Don/KB8RAD, seconded by Jerry/KD8GLN and approved. Meeting adjourned at 6:55pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

CMARC MEETING MINUTES

July 11, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 7:00 and welcomed both members and visitors attending tonight.

Silent key report:

Chuck McNease/N8CM.

A moment of silence for our silent keys.

ATTENDANCE:

There were 39 people in attendance. Visitors included: Mary Tillitson, Bill Madden/KD8WRQ, Andrew Wellwood, Scott Nichol, Erin Doering, Gloria Cote and Miss Abby Beuchert.

NEW LICENSES, UPGRADES and VANITY CALLS:

Debbie Headley/KD8YUX got her technician license. Congrats Debbie.

CARDS AND FLOWERS REPORT:

A sympathy card was sent to the family of Charles McNease/N8CM.

INTERESTING DX CONTACTS:

John/KC8QZB the Czech Republic on 20 meters. GOTA station Hungary and Spain on 20 meters.

OLD BUSINESS:

- A motion to accept the June Secretary's Report as printed in the June SCOPE was made by Don/KB8RAD, seconded by Don/KD8BD, and approved.
- A motion to accept the June Treasurer's report as printed in the June SCOPE was made by John/KC8QZB, seconded by Kenny/N8BVV and approved.

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:

- Our August meeting will be a presentation by Larry Camp/WB8R Michigan Section Manager Great Lakes Division. We will also be having a picnic with leftovers from our Hamfest. Please let Julie/KB8ZXR know what side dish you would like to bring - salads, cake, cookies, fruit, etc.
- A new Scope editor is needed as our current editor is ready to step down.
- Tom/WA8WPI has been doing a great job with the website. The sidebar has been reorganized. Also, check out the hit counter. If you find any errors please notify Tom.
- July 11th and 12th flea market antique radio club.
- VE testing in Mason tomorrow July 12th.
- Volunteers are needed for upcoming events: St James Walk 5/10K August 10th, Run for CHUM September 1st, Women Working Wonders, September 7th, Bike for Hospice and Hike for Hospice September 21st. You can check these out on the ARPSC website.
- We have also been asked to help with Komen Ride for the Cure in Mason on August 2nd. There is a sign-up sheet up front.
- Technician Class: The class is over. There are two to five people ready to take their test, either in Mason tomorrow or at our hamfest.

Hamfair:

- Julie/KB8ZXR: Need volunteers to help with heavy lifting in kitchen, need security people, ticket sales help, directing vendors and visitors, need someone to collect money from security, spaces will be numbered with chalk. Special event station K8H 8-2pm-Mike Perez/N8OUN and Al Wright/KE8DR-QSL cards are available.
- Thursday, the 17th is a Hamfest meeting at the Church.
- Friday, the 25th @6:30pm will start bringing stuff from the club room.
- Saturday, the 26th, workers need to get there @5:00am. Vendors start coming at 6:00 am. All workers must have their name badges.
- GOTA station Brian/KD8ONC and Andrew Wellwood.
- Need equipment for CW station.
- If you can provide canopies please let Julie/KB8ZXR know.
- Ladies' table: Jane Hosford/KC8FSK and Mary Tillitson.
- Forum: Matt Miller/KD8OOS
- Larry Camp/WB8R will be there.
- Grand prize is a Yazoo 60R dual band HT.
- VE testing at 11:00am.
- RF adapter guy
- Amsoil dealer
- Strongware by John Strong/AC8ML he makes mugs.
- Skywarn vehicles
- Need someone for talk-in on the 145.39 repeater. Ron/WD8BCS has said he will help with that.

FIELD DAY:

ARRL/RAC Section MI

Call used W8MAA GOTA KD8ONC CLASS 3A

Participants: 26

Power source: generator, battery, solar power multiplier 2x

Bonus points:

100% emergency power	300
Media publicity	100
Set-up in public place	100
Information booth	100
NTS message to ARRL SM/SEC	100
W1AW field day message	100
Formal NTS message handled No. 1	10
Natural power OSOS completed	100
Site visit by invited served agency official	100
Youth participation	60
Youth operators	3
Youth participants	3
GOTA bonus	0
Submitted via the web	50
Educational activity	1220

Score summary

CW 496 QSO's	992
Digital 100 QSO's	200
Phone 214 QSO's	214
Claimed Score	2812

UNDER 22 REPORT: Nothing to report.

50/50 DRAWING: Dick/KI8C won \$17.00.

Motion to adjourn for break made by John/KC8QZB, seconded by Don/KD8BD and approved.

MAIN PROGRAM AND/OR SPEAKER:

Scott Nichol and Erin Doering from Nichol and Doering, PLLC, were here to talk about finishing up the by-laws, going over the changes that have been made and that the members were presented with either electronically or by snail mail.

Motion to adjourn made by Don/WB8NUS, seconded by Don/KD8RAD and approved.

With all business concluded, the meeting was adjourned at 8:30 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

July 2014 Treasurer's Report	
Primary Share Acct. (Humphreys Fund)	\$1090.77
Business Checking	\$2942.64
Net Worth	\$4033.41
Youth Fund Balance* (as of 04/2013)	\$253.34
Building Fund (Club Station)	\$9.09
Field Day	\$372.03
<i>separate from CMARC Funds</i>	
Submitted, <i>Jerry Waite/KD8GLN - CMARC Treasurer</i>	

CMARC's September Food Drive for Salvation Army Pantry

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!

We will be collecting the food donations at our September 12th CMARC meeting.

Let's show the Salvation Army how thankful we are to them for hosting our CMARC's Club Room and meetings, while helping out those in need of food at the same time!

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

Amateur Radio computer compatible Networks

Please pass this on to the club members or newsletter.

There is a lot of activity with Mesh, Amateur Radio computer compatible Networks and EmComm.

A small sample is at:

<http://www.remoteamateur.com/EmComm.aspx>[http://www.remoteamateur.com/](http://www.remoteamateur.com/http://www.remoteamateur.com/MeshMap/MeshMap.aspx)
<http://www.remoteamateur.com/MeshMap/MeshMap.aspx>

There are several ARES/RACES groups starting with Amateur Radio computer compatible Networks.

Keith/KB3TCB

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 ARPS 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!”

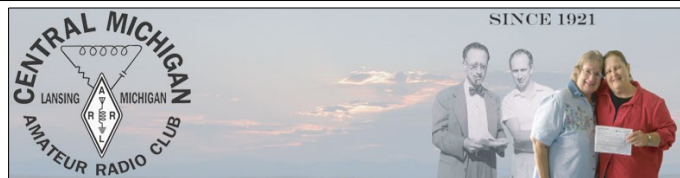
The “**Mid-Michigan Information & Trader's Net**” meets every Wednesday evening at 7:00pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now for over FOUR YEARS (since November 11, 2009) and is still growing!! Be sure to join Don for a time of FUN, 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- KC8BFBK	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

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
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Address	City	State
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ZIP	Phone	Lic. Class
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ARRL Member?	Birthday	Wedding Anniversary
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Year 1 st Licensed	Please supply email for SCOPE mailing
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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
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Address	City	State
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ZIP	Phone	Lic. Class
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ARRL Member?	Birthday	Wedding Anniversary
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Year 1 st Licensed	Please supply email for SCOPE mailing
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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

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

Central Michigan Amateur Radio Club



THE SCOPE



Lansing Civil Defense Repeater Association

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