

Ziegenbein

Time is here to submit your nominations for the Ziegenbein Award! This award is presented each May during our Ladies Night Banquet to the Full CMARC member who has contributed the most to Amateur Radio, in general and CMARC, in particular for the previous calendar year.

<p>SEND YOUR NOMINATIONS TO:</p> <p>Robert L Berger 6130 Lerner Way Lansing, MI 48911 USA ATTN: Ziegenbein Nomination</p> <p>OR</p> <p>Email to: Bob Berger K8RDN – k8rdn@arrl.net</p>	<p>Ziegenbein Nomination Guidelines</p> <ol style="list-style-type: none"> 1. The recipient must be a full, current member of CMARC 2. Nominations to be made in writing, in your own words, no chain letters to be accepted, stating nominees contributions to CMARC and Amateur Radio. 3. All nominations are to be kept secret until award is presented. 4. All nominations are to be mailed. 5. The same person can receive the award more than once. 6. The Committee shall consist of the last three recipients; the senior member shall be the chairman. 7. All nominations are to be closely checked and discussed by the Committee. 8. If the Committee feels the nominees are not deserving, the award does not have to be given. 9. Nominations are to be submitted before <u>March 15th</u> of each year, so the Committee can make the selection and have the plaque engraved. 10. The recipient will be announced at the annual Ladies' Night.
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CMARC MEETING – **THIS FRIDAY** February 14th at 7:30

Our program speaker for February is none other than Meteorologist Jim Geyer (KD8CHU), who will give us a PowerPoint presentation that is sure to please! Jim brings with him over 30 years of weather experience and although his career started in radio (providing weathercasts during the night for WJR-AM in Detroit for 13 years), he has worked for the Flint/Saginaw television market and is currently employed at WLNS-TV6.

Jim is eminently qualified to speak on any weather topic since he not only has received an Associate of Arts degree from Concordia University in Ann Arbor and a Bachelor of Science in Atmospheric and Oceanic Science degree from the University of Michigan, but is also a member of the American Meteorological Society and a charter member of the National Weather Association. Jim also holds the American Meteorological Society's Seal of Approval for both television and radio weathercasts.



Scoping out *THE SCOPE*

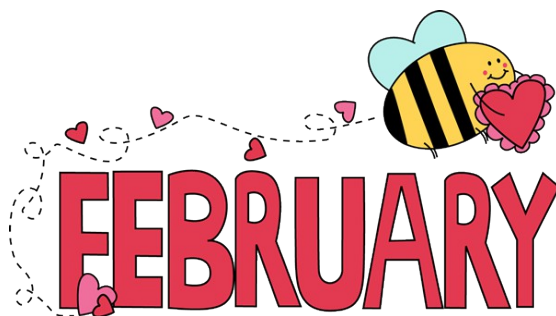
<div> <div>LCDRA Update</div> <div>Page 4</div> </div>	<div> <div>Save the Date!</div> <div>Ladies Night Banquet</div> <div>Page 5</div> </div>	<div> <div>Interested in</div> <div>Contesting?</div> <div>See bottom of</div> <div>Page 7</div> </div>	<div> <div>Meeting Minutes</div> <div>Page 9</div> </div>	<div> <div>ARPSC Meeting</div> <div>Minutes</div> <div>Page 13</div> </div>
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MEETING SCHEDULE			
GROUP	CMARC 	ARPSC 	LCDRA 
DATE	02/14/14	02/17/14	04/17/14
TIME	7:30 P.M.	7:00 P.M.	7:00 P.M.
LOCATION	SALVATION ARMY	**FIRE STATION RADIO CHECK AT ASSIGNED LOCATIONS** HTTP://LANSINGARPSC.COM/AGENDA012014.HTML	FIRE STATION # 8
WEBSITE	WWW.CENTRALMIARC.COM/	WWW.LANSINGARPSC.COM/	WWW.LCDRA.NET/

February Birthdays 2/1 BRIAN WELLWOOD/KD8ONC 2/4 RALPH CHAPMAN/WA8NHD 2/4 CHERYL DAVAGE/KD8QFE 2/5 MIKE HOLCOMB/WA8KZY 2/9 ABE KIMBALL/W8ABE 2/10 NORMAN BURLEW/WD8BHD 2/11 DALE DONELSON/K8KOO 2/11 RUSS FITZGERALD/N8FZ 2/11 CHAD RUST/KD8AYM 2/12 TOM ROCHELEAU/WA8WPI 2/12 ROBERT ROSE/KD8GLJ 2/13 JON SEAVER/N8SUA 2/14 DON McLAIN/KB8RAD 2/14 DICK McGUIRE/KI8C 2/19 WILLIAM CARPENTER/KD8UPF 2/25 KEITH WATSON/KD8ICJ 2/26 JULIE McLAIN/KB8ZXR Anniversaries 2/23 JOE/N8YCM AND ADRINA/KD8OQW KERESTZES	March Birthdays 3/5 ROGER GOODMAN/KB8YQX 3/16 EDWARD HUDE/WA8QJE 3/17 GREG MILLBAUER/KD8FIA 3/23 HERBERT TERBRACK/KB8QEZ 3/23 ALTON STODDARD/KD8MB 3/26 JAMES STODDARD/KA8TLC 3/28 TYLER HEAD/KC8LWG 3/29 DENNIS KELLY/N8OMT Anniversaries 3/4 JOHN DOORNHAAG/KD8NNQ 3/12 PAUL KEEFER/KB8YQZ 3/17 TOM CAIN/KB8ZL
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Please keep in your thoughts and prayers the family of former CMARC member,
Allan Budden/W8WDA who passed away recently.

<http://www.legacy.com/obituaries/lmj/obituary.aspx?n=allan-e-budden&pid=169399803&fhid=11048>



TEA TIME LADIES' DAYS



February 4th – Cheryl Davage KD8QFE's B'day!!
 February 14th – Marlene Harger KC8GXO's B'day!!
 February 20th – Miss Abby Beuchert's 4th B'day!!
 (Parents: Dan WX8MOJ & Dawn KD8MWA)
 February 23rd – Adrina Keresztes KD8OQW & Joe N8YCM's 23rd Anniversary!!
 February 26th – Julie McLain KB8ZXR's B'day!!

FEBRUARY LADIES TEA TIME LUNCHEON

Please be sure to join us for our next "Ladies Tea Time Luncheon" on Saturday, February 22nd at 12:30pm! Because we had to cancel our January Luncheon at Bob Evan's, we will try to go there again in February. It's located at 900 American Road in south Lansing and remember, this invitation is for ALL Ladies, whether you have a Ham license or not!! So, come on out and join us...we always have a great time getting together with our friends! Please RSVP by Friday, February 21st so we can all sit together. 73, Julie KB8ZXR (KB8ZXR@aol.com or 517.694.0812)

LADIES TEA TIME NET!



Please join me every Tuesday evening at 7pm on the 145.39 (100 Hz PL) Lansing-area repeater for the "Ladies Tea Time Net". The Net can also be accessed via the *DODROPIN* EchoLink Conference Server (Node ID# 355800). The main purpose 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 cup of 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

JANUARY 2014 LCDRA UPDATE

by John Imeson/N8JI

As we began making plans to return the 145.390 repeater to the WKAR tower, some additional obstacles were discovered. The biggest obstacle was the restoration of power to our building. Getting power to the building again would be expensive enough, but we would also have to bring the wiring in the building up to current code. It doesn't stop there. We would have to attach our building's grounding system to the site's grounding system. There's one problem – our building has no grounding system, so one meeting current standards and codes would have to be installed.

The LCDRA Board had lengthy discussions about our options at our October 2013 meeting. It was decided to gather information on as many alternative sites as possible and evaluate which would provide the best long-term solution.

At our January 2014 Board meeting, we reviewed propagation studies for our current location near Potterville, and another site near Dansville. Here is a quick summary.

- Moving the repeater to the Dansville site would result in extensive loss of range from the west around to the north. Specifically, the loss of coverage in Lansing would be significant. However, it did nicely fill in an area east of US-127 and south of I-96 that has been problematic for us both at WKAR and at the current location. There is an existing unused VHF antenna on the tower that we could use. This site was determined to be best suited for a remote receiver.
- The Potterville site reaches fairly well into our primary coverage area. A boost in ERP could improve our transmit coverage. One possible way to increase our ERP would be to use separate receive and transmit antennas, which would eliminate about 3db of duplexer loss, providing more power out to the transmit antenna. The tower is tall enough to provide adequate vertical separation between separate receive and transmit antennas. It was decided to investigate this possible antenna arrangement.
- A remote receiver could also be installed at McLaren Hospital. A receiver there would greatly enhance hand-held coverage within Lansing.
- There is a slight chance we could put a remote receiver at the WKAR tower, assuming we could co-locate in an existing tenant's shelter building.
- Consideration is still being given to putting a remote receiver somewhere north of Lansing, perhaps near St. Johns. This would be a ways into the future, though.

Thanks for your support of LCDRA and our mission of providing repeater systems for amateur radio emergency communications in the Greater Lansing area!

**Please Be Sure to Reserve
Friday, May 9, 2014
For CMARC's Annual**

“LADIES NIGHT BANQUET”

This Banquet is for ALL of CMARC's Members and their Families, as well as, our extended non-CMARC Ham family!! This Banquet is always a special night where we honor our Ladies, present the Ziegenbein Award to one of our well-deserving CMARC members and enjoy some very Good Food, Fellowship and Entertainment!! So, we all hope you'll make plans to attend this fun get-together!!

The Banquet will be held at the Delhi Café located at 4625 Willoughby Road in Holt and will start at 6 p.m. SHARP!! We have had many requests to have this year's Entertainment back with us again, and so I'm sure you'll definitely want to be in attendance when they perform!!

In the next few months, I'll be publishing our Entrée choices and I'll be telling you how and when you can make your reservations. I'll also be letting you know who our Entertainment is...so please keep watching for more information on our Ladies Night Banquet on Friday night, May 9th from 5:30pm-9pm.

**~Julie McLain KB8ZXR~
CMARC Ladies Events Chair
(517)694-0812 or KB8ZXR@Aol.com**



"PRACTICE AMATEUR RADIO EXAMS"

Sponsored by the Ingham County VE Group
VE Julie McLain KB8ZXR

• Technician Class

1.) Question T2A09 - What brief statement is often used in place of 'CQ' to indicate that you are listening on a repeater?

- A. Say your call sign
- B. Say the repeater call sign followed by your call sign
- C. Say 'Hello test' followed by your call sign
- D. Say the letters 'QSY' followed by your call sign

2.) Question T8B06 - What can be used to determine the time period during which an amateur satellite or space station can be accessed?

- A. A field strength meter
- B. A satellite tracking program
- C. A telescope
- D. A GPS receiver

3.) Question T7C09 - Which of the following is the most common cause for failure of coaxial cables?

- A. Moisture contamination
- B. The velocity factor exceeds 1.0
- C. Overloading
- D. Gamma rays

• General Class

1.) Question G5A10 - What unit is used to measure impedance?

- A. Watt
- B. Ampere
- C. Ohm
- D. Volt

2.) Question G2D02 - Which of the following are objectives of the Amateur Auxiliary?

- A. To conduct efficient and orderly amateur licensing examinations.
- B. To provide emergency and public safety communications.
- C. To coordinate repeaters for efficient and orderly spectrum usage.
- D. To encourage amateur self regulation and compliance with the rules.

3.) Question G7B08 - How is the efficiency of an RF power amplifier determined?

- A. Multiply the RF input power by the reciprocal of the RF output power.
- B. Divide the DC input power by the DC output power.
- C. Divide the RF output power by the DC input power.
- D. Add the RF input power to the DC output power.

• Extra Class

1.) Question E4A08 - Which of the following instruments would be best for measuring the SWR of a beam antenna?

- A. A Q meter
- B. A spectrum analyzer
- C. An antenna analyzer
- D. An ohmmeter

2.) Question E2D01 - Which of the following digital modes is especially designed for use for meteor scatter signals?

- A. APRS
- B. WSPR

- C. Hellschreiber
- D. FSK441

3.) Question E5B06 - How long does it take for an initial charge of 800 V DC to decrease to 294 V DC in a 450-microfarad capacitor when a 1-megohm resistor is connected across it?

- A. 4.50 seconds
- B. 450 seconds

- C. 9 seconds
- D. 900 seconds

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

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

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. April 3, June 5, August 7, October 2, December 4

Saturday @ 11:00 a.m. March 8, May 10, July 12, July 26 (at the CMARC Outdoor Hamfest,) 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. April 12, June 14, 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. February 27, April 24, June 26, August 28, October 23, December 18

Crazy about Contesting? Well you are not alone!

Since we have worked hard at CMARC to improve our club room and antenna setup, we are better able to be active in contesting! Below are two contests we are interested in participating in. For those who are interested in operating, who might want to get some HF experience, or just want to see what all the fuss is about, you are welcome to join us. If you are interested or have questions, just shoot me an email at wx8moj@arrl.net. We'd love to see you at the club room! There are operators who will be able to help you learn more about the world of HF and contesting in a hands on way and you'll have lots of fun at the same time!

-Daniel Beuchert - WX8MOJ

Upcoming Contests we plan to operate in*:

- CQ Prefix Contest – March 24-25
- Michigan QSO Party – April 24-25

*We usually operate on the Saturday of a contest for as many hours as we can secure operators.

2014 SCHEDULE OF VE EXAMS

**Sponsored by the
“INGHAM COUNTY VE GROUP”**

To best accommodate the various schedules of those wishing to test, the Ingham County VE team meets on either a Saturday morning or a Thursday evening, every other month.

On the ODD MONTHS testing sessions are held on the second Saturday of the Month at 11:00AM, at the [Ingham County Sheriff's Office in Mason.](#)

On the EVEN MONTHS testing sessions are held on the first Thursday of the month at 7:00PM, at the [Ingham County Sheriff's Office in Mason.](#)

2014 Schedule of VE Sessions

First Thursday at 7:00 PM

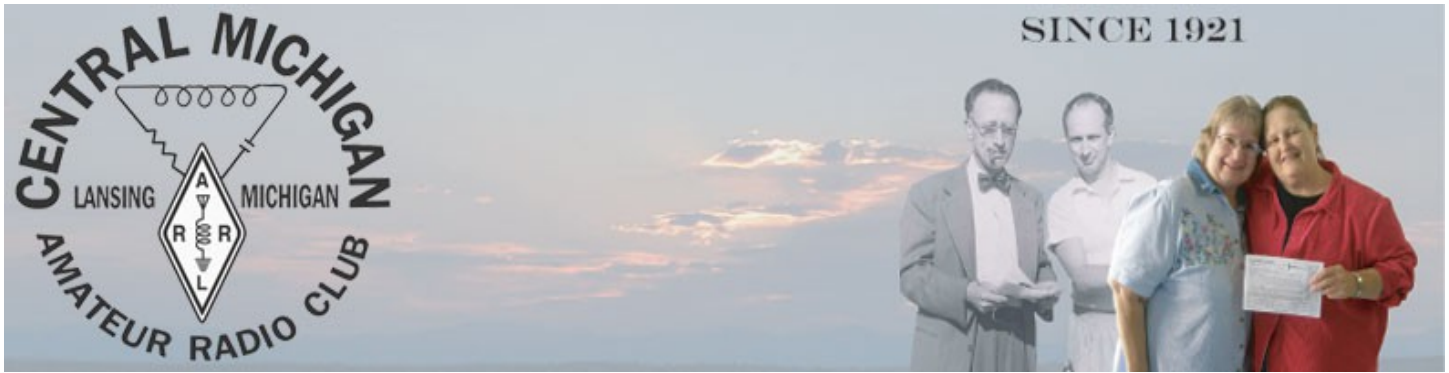
February 6th
April 3rd
June 5th
August 7th
October 2nd
December 4th

Second Saturday at 11:00 AM

January 11th - CANCELLED
March 8th
May 10th
July 12th
July 26th -11am at [2014 CMARC Outdoor Hamfest!!](#)
September 13th
November 8th

“INGHAM COUNTY VE GROUP VOLUNTEER EXAMINERS”

Jim Lakin W8JRL, Head VE
Don McLain KB8RAD, Contact Person (KB8RAD@arrl.net or (517) 694-0812)
John Doornhaag KD8NNQ
John Hosford KC8QZB
Russ Fitzgerald N8FZ
Ted Sadilek WA8MFQ
Ben Barker WD8OVL
Julie McLain KB8ZXR
And others



CMARC SPECIAL BOARD MEETING January 4, 2013

President Dan Beuchert/WX8MOJ called the meeting to order at 5:11 pm with all board members in attendance except Matt/KD8OOS who was excused and arrived at 6:30 pm.

Election of officers for the 2014 Board.

- President: Dan Beuchert/WX8MOJ
- Vice President: Don McLain/KB8RAD with Sharon/KD8HHK as backup
- Treasurer: Jerry Waite/KD8GLN with John/KD8NNQ as backup
- Secretary: Jane Hosford/KC8FSK
- Director: John Doornhaag/KD8NNQ
- Director: Sharon Waite/KD8HHK
- Under 22: Matt Miller/KD8OOS

Director and Officer Insurance:

- John/KD8NNQ made a motion for more insurance bids, seconded by Don/KB8RAD and approved. John will look into this and get back with the Board. Our regular insurance is \$200.00 annually. Director and officer insurance will be 2-1/2 times that.

2013 review and 2014 goals:

- Possibly have someone from SATERN talk to the Club.
- Field Day - possibly have Ron Harger/WD8BCS head up field day.
- Hamfest - July 26, 2014. Possibly have fliers ready to pass out at Marshall swap.
- 501C3 - Budget requirement needs.
- Inventory the Club room.
- Contesting - would like to get more people involved.
- Barricade around the tower. Have someone in mind to get supplies from.
- Possibly do antenna and kit building.
- Possibly have license classes for Technician and General, and possibly have a class for Morse Code in conjunction with MSU.
- Possibly change the time of the club meetings to start half an hour earlier. Have Board meeting at 6:30 and have regular meeting start at 7:00.
- By-law/constitution merging. Possibly updating the by-laws.
- How to build up the membership.
- Have Board members be more visible.
- Getting more web help.
- Speakers have a set amount of time for their presentation and questions.

Don/KB8RAD made a motion to adjourn, seconded by Sharon/KD8HHK and approved. Meeting adjourned at 7:00.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

CMARC BOARD MEETING
January 10, 2014

President Dan/WX8MOJ called the meeting to order at 6:59 pm with the following Board members in attendance: Treasurer Jerry/KD8GLN, Secretary Jane/KC8FSK, Director Sharon/KD8HHK, Director John/KD8NNQ and Under 22 Director Matt/KD8OOS. Vice President Don/KB8RAD was ill.

There were no new silent keys.

Dan/WX8MOJ reviewed 2013 programs and talked about 2014 possible programs. Possibly have two programs in one night if there is time if each program is related.

CMARC survey: HF antennas, emergency communication, contesting.

Non profit-reconcile with constitution and by-laws. Clean up constitution, by-laws. Working on budget information needs.

John/KD8NNQ made a motion to adjourn, seconded by Jerry/KD8GLN and approved.
Meeting adjourned at 7:30.

CMARC MEETING MINUTES
January 10, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 7:35 and welcomed both members and visitors attending tonight.

Moment of silence for silent keys.

Silent key report:

There are no new silent keys.

ATTENDANCE:

There were 27 people in attendance. Visitors included Mary Tillitson, Brandi Denomme, John Listermann, Nick Listermann, Ken McGuire/KC8LTL, Kenny Hazlett, Cody Littlely and Shawn Crawford/WA8MXJ.

NEW LICENSES, UPGRADES and VANITY CALLS:

Shawn Crawford from KD8VXT to WA8MXJ.

CARDS AND FLOWERS REPORT:

Gregg/WB8LZG thanked the Club for his get well card.

INTERESTING DX CONTACTS:

None.

OLD BUSINESS:

- Ted/WA8MFQ made a motion to accept the secretary's minutes as provided in the January Scope. Seconded by Sharon/KD8HHK and approved.
- Matt/KD8OOS made a motion to accept the treasurer's report as provided in the January Scope. Seconded by Bill/WD8NYW and approved.
- 501c3-looking through the constitution.
- 10m contest: Gregg/WB8LZG, Dan/WX8MOJ, Chris/NS8Q/John/AC8ML
- Tower climb prevention: have some ideas. Working with someone associated with the club to get sheet metsl.

Please pay your dues. CMARC dues to Jerry/KD8GLN and LCDRA dues to Don/WB8NUS, since Julie is ill.

NOTE: If you want your birthday and/or anniversary announced in the Scope please fill out the membership form in the Scope or online

UPCOMING

- ARPSC meeting - Monday, January 20 - Fire Station 8 @7pm
- LCDRA meeting - Thursday, January 16 - Fire Station 8 @7pm
- Ladies Luncheon - January 19 @ Bob Evans South Lansing @ 12:30
- River Monitoring? ARPSC - looking for ice jams
- Zigenbein nominations need to be in before March 15
- Skywarn - March 22 10:00 LCC West - ARPSC website, must register.
- QCWA dinner - January 25 @ Delhi Cafe @5:00. Call Al Conn/W8RXY at 321-5704 or Don Tillitson/WB8NUS at 321-2004.
- April 19 QSO party

NEW BUSINESS:

- Vote next meeting on changing the Club meeting time from 7:30 to 7:00.
- Have SATERN Presentation
- Classes in conjunction with MSU - technical, general and morse code
- Building HF antennas
- Gregg/WB8LZG suggested a club meeting for building night.
- Ken/KC8LTL needs soldering help.
- Jackson is having a general class 9-12 Saturdays at Health Dept.
- Possibly have a course in search and rescue.
- ARRL website has upcoming contests and sweepstakes. The ARRL is 100 years old this year.

Under 22 Report

Nothing to report.

50/50 DRAWING

There was no 50/50.

The new 2014 Board was introduced to the Club:

President: Dan Beuchert/WX8MOJ
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

Break: (Sec. Note: Thank you to all who helped with the goodies-your contributions are always GREATLY appreciated).

Motion to break was made by Jerry/KD8GLN, seconded by Tom/WA8WPI and approved.

MAIN PROGRAM AND/OR SPEAKER:

There was no speaker for tonight.

Motion to adjourn was made by John/KD8NNQ, seconded by Jerry/KD8GLN and approved.

With all business concluded the meeting was adjourned at 9:15 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

January 2014 Treasurer's Report	
Primary Share Acct. (Humphreys Fund)	\$1090.24
Business Checking	\$3622.20
Net Worth	\$4712.44
Youth Fund Balance* (as of 04/2013)	\$253.22
Building Fund (Club Station)	\$9.09
<i>separate from CMARC Funds</i>	
Submitted, <i>Jerry Waite/KD8GLN - CMARC Treasurer</i>	



Lansing Area/Ingham County Amateur Radio Public Service Corps



ARPSC Meeting Minutes Monday January 20, 2014 1-20-14 Meeting Minutes @ Lansing EOC

The Yearly Report was turned in for 2013. Make sure to turn your hours in monthly (instructions on previous article).

Those who don't have their current races cards, get a hold of Jim. For new members, you can either forward the class certificates (IS 22, 100, 200, 700) or a transcript of the classes to Jim. Background checks will be re-run on ARPSC members, and should be ran on an every couple / few year bases.

ATV (Amateur Television) Kits – They haven't been groomed since Silver Bells. Helping with the kit grooming is a good way to gain experience and learn about how the ATV kits work. Word will be sent through the ListServ for kit grooming.

Skywarn – Currently, the plan is to have a call list for Skywarn Net Control operators that would be available for the EOC during activations like was done in 2013.

Veteran's Day Parade – It was wet and cold, though there was shelter for operators in the grand-stand. Messages were passed well.

Silver Bells – One camera position was run as well as another (new) camera that was tested and operated successfully.

Upcoming ATV – Cedar Village and Downtown East Lansing are possible ATV positions during the final 4. Much of our ATV operation is/has been based in Downtown Lansing and East Lansing.

SET – Mass Casualty Trailer at the Armory – Everything worked but the MPSCS radio. Antennas are labeled (K for the Kenwood radio, etc). The mass casualty trailer is tested out every year to make sure that equipment is working. This is a good experience to gain familiarity with the amateur equipment used in these trailers.

MSU – There is the possibility of deploying ATV on campus as needed. MSU has an EOC that we can also be called to help out with.

Skywarn Training – March 22nd 10am at LCC West. Detailed information can be found at: <http://lansingarpsc.com/SkywarnTrain2014.html> Make sure to pre-register if you are planning to attend (link is on the bottom of the Skywarn training webpage).

Randy received his award of excellence from Lansing for his volunteering.

Lansing Marathon – Indications are that the marathon will be pushed back into the fall. More information will be coming. One 26 mile loop, as well as two 13 mile loops has been used in the past. Jeremiah has informed me that he may be in April, but Mike Hamel was not aware of it yet.

Common Ground – Second week of July, Monday – Sunday, with 3 operators at the EOC plus at least one per ATV camera are used. More information on number and locations of ATV camera positions will be coming.

Emails – Make sure to respond to emails asking for help, even if just to say that you can't help out. This information helps in planning. Check your spam to make sure they are not going there. Instead of replying to the list serve all the time, just reply to Jim when appropriate. That way not everyone gets everyone's reply.

Fire Departments – Radio Check – 6 Fire Departments, MSU EOC, 911, ICSO EOC, and may be the Clinton County EOC (which they will handle if they participate) have Amateur Radios installed. The current plan is that the February 17th meeting at 7pm will be replaced by doing a radio test at these location stations. An email has been sent out via the ARPSC ListServ requesting operators to let Jim know which stations you can help out with, or if you cannot make it. The radios will then be found, programmed (if needed) and tested to make sure all are in good working order. More information will be sent through the ListServ regarding the procedure and programming of the radios. Please email Jim if there are any questions or concerns.

HAMFESTS

Date: Sunday, **February 16th** = Livonia Amateur Radio Club Swap-N-Shop

Location: Livonia, MI

Sponsor: Livonia Amateur Radio Club

Website: <http://www.livoniaarc.com/index.php?page=swapshop>

Date: Saturday, **March 15th** = Crossroads Hamfest (a.k.a. Marshall Swap)

Location: Marshall, MI

Sponsor: Southern Michigan Amateur Radio Society

Website: <http://www.w8df.com>

Skywarn 2014 Announcement!

Greetings Amateur Radio Spotters and Weather Enthusiasts Alike!

I am glad to inform you that the 2014 Skywarn Training for Lansing / Ingham County date and location have been set! **The 2014 Skywarn Training will be held at 10am on Saturday March 22nd at LCC's West Campus.** If you plan on attending, pre-registration is highly recommended so that you guarantee a seat, since seating is limited.

Also, remember that you don't have to be a ham to attend, so spread the word!

More detailed information is at the Lansing ARPSC Web-page at:

<http://www.lansingarpsc.com/SkywarnTrain2014.html>

Please pre-register if you will be attending at: http://www.lansingarpsc.com/cgi-bin/skywarn_registration.pl

I want to give a huge thanks to the National Weather Service for the program, Lansing Community College for the great location, Mike Holcomb WA8KZY for nailing down the date with the NWS, and Ben Holcomb WX8BEN for getting the registration database setup!

We hope to see you there!

Daniel M Beuchert - WX8MOJ CMARC President
Ingham/Lansing ARPSC

NETS in the Greater Lansing Area

"The Breakfast Club Net" meets EVERY weekday morning from 7am to 1:30pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now for over THREE AND A HALF YEARS (since September 24, 2009) and averages around 96+ check-ins per morning, but the NEW all-time record is 117 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! We are already 244 members strong and we'd love to have YOU join us, too! www.facebook.com/groups/112208875498362

The **"Central Michigan Slow Scan TV Net"** meets every Sunday evening from 7:00- 8:30pm (Winter hours) 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. Also, you can click on www.ab8zl.com during the Net to see the photos being sent.

The **"Lansing Area/Ingham County Amateur Radio Public Service Corps Training Net"** meets on the first Monday night of each month at 7pm on the 145.39 repeater (PL 100 Hz). Volunteer Net Control Operators are needed each week, 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 night 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's been around now 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 and say "Hello!"

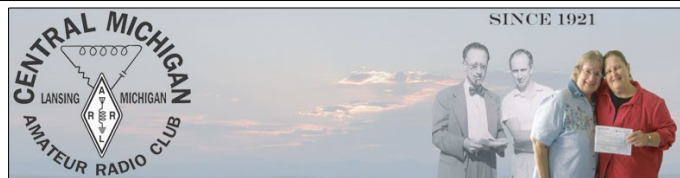
The **"Mid-Michigan Information Net"** meets every Wednesday night at 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now since November 11, 2009 and is still growing!! Be sure to join Don for a time of FUN, FELLOWSHIP, and helpful INFORMATION!!

The **"Michigan Radio Amateur Youth Net" (MRAY)**, meets every Thursday night at 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Matt Miller/KD8OOS. In addition, EchoLink is available by searching for "KD8MJJ-R", "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 DeFeyter-KC8CY	
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 7:30pm. 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:	Ron Harger- WD8BCS	wd8bcs@arll.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

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

THE SCOPE



Lansing Civil Defense Repeater Association

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