



### **CMARC MEETING**

The August meeting of the “Central Michigan Amateur Radio Club” will be on Friday, **August 9<sup>th</sup>** at 7:30pm in the Salvation Army building, located at 701 W. Jolly Road in Lansing.

In lieu of a program, we will all be enjoying the “CMARC Summer Potluck”!!

The Club is springing for the hot dogs and brats (with all the fixings), and volunteers are asked to bring all the things that make for a good Summer picnic like potato salad, baked beans, potato chips, beverages, etc. And don't forget all the yummy desserts, too!

So come on out to the August meeting for the social event of the Summer!

For more information, you can check out our website at [www.centralmiarc.com](http://www.centralmiarc.com) or just get a hold of Club contact Don McLain/KB8RAD at (517) 694-0812 or [KB8RAD@arri.net](mailto:KB8RAD@arri.net)

### **ARPSC MEETING**

Unless something important comes up, there will **NOT** be a meeting of the “Lansing Area/Ingham County Amateur Radio Public Service Corps” in the month of **August**! For the dates and locations of future meetings, please check out our website at [www.lansingarpssc.com/](http://www.lansingarpssc.com/).

### **Scoping out *THE SCOPE***

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## MEETING SCHEDULE

GROUP	CMARC 	ARPSC 	LCDRA 
DATE	08/09/13	NO AUGUST MEET	10/17/13
TIME	7:30 P.M.	UNLESS NOTIFIED BY	7:00 P.M.
LOCATION	SALVATION ARMY	LISTSERV EMAIL	FIRE STATION # 8
WEBSITE	<a href="http://WWW.CENTRALMIARC.COM/">WWW.CENTRALMIARC.COM/</a>	<a href="http://WWW.LANSINGARPSC.COM/">WWW.LANSINGARPSC.COM/</a>	<a href="http://WWW.LCDRA.NET/">WWW.LCDRA.NET/</a>

### August

#### Birthdays

8/2 DAN CAMERON/KD8QBF  
 8/3 JOSEPH DENOMME/N8VYS  
 8/8 WILLIAM VALLANCE/KD8PVX  
 8/14 SAMUEL FITZGERALD/N8FPR  
 8/15 JOHN TYREE/KD8KCX  
 8/17 THOMAS STUMPFIG/KD8RXN  
 8/21 MIKE HOLCOMB/WA8KZY  
 8/23 TOM ROCHELEAU/WA8WPI  
 8/27 CHRIS RANES/NS8Q

#### Anniversaries

8/7 RALPH RIGGS/N8YQJ  
 8/11 DON/KB8RAD AND JULIE/KB8ZXR  
 McLAIN'S 40TH  
 8/14 JOHN/KC8QZB AND JANE/KC8FSK  
 HOSFORD  
 8/22 DAN FULLER/W8VVR  
 8/26 DON/WB8NUS AND MARY TILLITSON

### September

#### Birthdays

9/1 JAMES STODDARD/KA8TLC  
 9/4 MICHAEL MATHER/KA8PME  
 9/12 LEOTA STROBEL/KD8SQD  
 9/18 JIMMY DUNAHOO/KD8IWQ  
 9/30 JOHN HOSFORD/KC8QZB'S 50th  
 9/30 R.E. LINDBERG/WA8ZWR

#### Anniversaries

9/1 RALPH RIGGS/N8YQJ  
 9/4 MICHAEL MATHER/KA8PME  
 9/12 TOM ROMANUSKI/W8LKE  
 9/16 SEAN MURPHY/KD8UTL  
 9/23 DANIEL BURK/NE8K

### We have several walks left for this year that will need volunteers

**08/11/2013** 7AM-Noon St. James 5K/8K in Mason, Meet at St James church in Mason.

**09/02/2013** Dansville High School Half Marathon. 7AM- 2PM, Meet at Dansville High School.

**09/08/2013** Sparrow Women Working Wonders, starting and ending at Sparrow Hospital on Michigan Ave Time is still pending.

**09/22/2013** Hospice walk/bike. There will be a 5K walk in Granger Meadow Park in DeWitt and a bike ride from St Johns High School to the park, and back to the high school.

Contact: Jeremiah Sevrey/KC8EIA at [KC8EIA@gmail.com](mailto:KC8EIA@gmail.com)

## **CMARC's 2013 "OUTDOOR" HAMFEST A SUCCESS!!!**

The day began at 5am when 33 sleepy but eager volunteers began setting up the Church grounds for CMARC's 2013 "Outdoor" Hamfest. Even though the sky still held rain clouds from the night before, radar didn't show any in our area and so we all hustled to our different tasks so we would be ready for the vendors arriving shortly. As I walked around the grounds showing the workers where everything went, I had to smile because they all reminded me of a busy bee hive...there was so much activity...with canopies popping up everywhere and tables being carried here and there.

Coffee was ready shortly after 6am, along with 5 dozen Quality Dairy Rolls and Donuts the Vendors could purchase when they arrived. And courtesy of a very kind, un-named volunteer, the workers all got to pick a FREE Donut or Roll from the 4 dozen purchased just for them!!

There isn't enough to be said for our Security Crew!! Not only did they make sure everything was safe and sound, but they also took the Admission fees, passed out our Welcome fliers and directed 267 Vendors and Visitors to their parking spots.



This year, we were able to sell food hot-off-the-grill, all thanks to Leota Strobel KD8SQD who obtained a Food Handling Permit!! The food was really good and we sold Sloppy Joes, Hot dogs and Brats (with all the trimmings) along with chips and beverages to all those visiting!! The wonderful smell of sausages on the grill wafted through the air, bringing hungry customers in droves from all over the parking lot!

As with the food, all of our other Hamfest offerings were a success as well. The VE session produced 3 Extra Class upgrades and 1 brand new Technician!! The Digit Modes Forum drew a crowd of eager listeners and the Antenna Building demo certainly did not go unnoticed! "Tycho Aussie", the 6' 3" Australian Shepard dog mascot with stunning blue eyes, once again brought smiles to faces both young and old!! The G.O.T.A. Station, whose Net Controls included some of CMARC's Youth, made many contacts from around the United States and World via the \*DODROPIN\* EchoLink Conference Server! And, the Special Event Station (K8H), drew quite a crowd at the Hamfest as well as on the air waves!

Our main dealer, Dentronics, was a hit—with Denny selling new MFJ, Alinco, and Diamond products to the willing crowd at his last Hamfest before retiring. And Larry Camp WB8R, the ARRL Great Lakes Division, Michigan Section Manager was manning the ARRL table amidst those who flocked around him. We had many nice prizes for the Ladies and lots of great hourly prizes, too. Our Grand Prize, an Alinco DJ-V57T Dual-Band HT, was won by Mr. John Spiris KC8ZKT of Lake Isabella, Michigan, who was thrilled with the news! And, as I strolled the grounds to thank the Vendors for coming, (some who came from as far away as Ohio and Wisconsin), I was told repeatedly how much they loved our Hamfest and the location and that they would definitely be coming back next year in 2014!

Thanks to all who worked so hard to make CMARC's 2013 "Outdoor" Hamfest an outstanding success!!

Julie McLain KB8ZXR  
Hamfest Coordinator

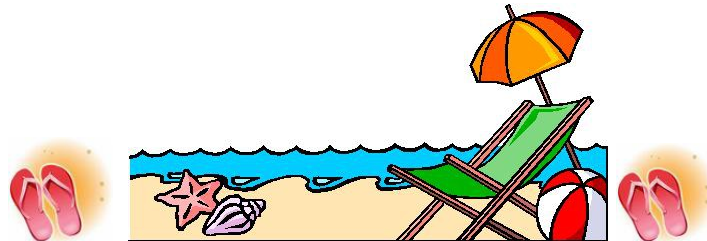






## **AUGUST'S WEDDING ANNIVERSARIES**

August 11th - Tammy & Allen Burk KD8CBP's 23rd Anniversary!!  
August 11th - Julie KB8ZXR & Don McLain KB8RAD's 40th Anniversary!!  
August 12th - Shannon WA2NVK & Chris Ranes NS8Q's 7th Anniversary!!  
August 14th - Jane KC8FSK & John Hosford KC8QZB's 7th Anniversary!!  
August 26th - Mary Lou & Don Tillitson WB8NUS' 63rd Anniversary!!



## **AUGUST LADIES' TEA TIME LUNCHEON**

Now that August is here, we will resume our monthly luncheons, beginning with the one on Saturday, August 24<sup>th</sup> at 12:30pm. This month we'll be going to the "China East Buffet", located at 7050 South Cedar Street, on the corner of Cedar St. and Willoughby Rd., in south Lansing. Please take a minute to add this to your calendar so you'll be sure to attend, and remember, you don't need a Ham License to join us for any of our luncheons...all of our "Ham family" Ladies are welcome!!

Also, if you ever want to know what's going on with our "Ladies' Tea Time" group, you can find out by checking our Club newsletter, the "SCOPE", or by watching the "Ladies Page" on our Club website, <<http://www.centralmiarc.com>>. We're planning on having another Craft Luncheon and are looking at the dates of Saturday, September 21<sup>st</sup> or Saturday, October 19<sup>th</sup>. I'll have more details for you, possibly at the August Luncheon!



## **LADIES TEA TIME NET!**



Don't forget to 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 cup of tea, grab the mic and join me for the "Ladies' Tea Time Net"...I'll be listening for you!! 73,

~Julie McLain, KB8ZXR~  
Ladies' Tea Time Net & Luncheon Coordinator  
(517) 694-0812 or KB8ZXR@aol.com  
[www.centralmiarc.com](http://www.centralmiarc.com)

## What's My Sign?

*By: Julie McLain KB8ZXR*

I was born on April 7, 1926 in Bangor, Michigan where I grew up and graduated from High School. I have one sister who is 5 years older than I am and we grew up during the depression. If you think things are bad now, you should have seen how bad things were back then.

My interest in radio started about 1935 when I was 9 years old. I had some friends that were interested, too and we used to try to communicate using old Ford Model-T coils (guess we had heard about spark gap). Just when we could really get involved in Ham Radio we were into WWII and all Amateur Radio was banned from the air. We didn't have scanners then, so we would listen to Police radio at the upper end of the broadcast band. We would also listen to the foreign broadcast bands.

After the War was over my first priority was to get married and raise a family. When my son and daughter were about ready to graduate from High School and go off to College, I decided to finally get my Amateur license. I was first licensed as a Novice in 1968 after taking a Morse Code course at LCC, which was taught by a former Club member, Ben Hassell/W8VPC (SK). At that time, you were allowed only 50 watts for CW and then only on certain crystal-controlled frequencies. You also had to upgrade within one year or you lost your Novice license. When I got licensed, we didn't have local places to test, or even our own local VE Examiners. Back then, the FCC would travel to different parts of the State on a quarterly basis, so I took my General in Grand Rapids, my Advanced in Battle Creek, and my Extra in Detroit. A few things I really remember about getting my Extra in Detroit was that they were VERY strict! The examiner stated, "Pencils down when the code stops and I want to see all writing, NO DOTS OR DASHES!" We also had to send CW with THEIR key. I also remember that Detroit used headphones with low power transmission to them and the antenna around the room would pick up a local broadcast radio station which you had to copy from.

I currently use a Yaesu FT-1000D and my antenna is a Hygain TH3Mk3 on a 50 foot tower for 10, 15 and 20 meters. For the other bands, I use an 80-meter dipole fed with 450 ohm open wire feed line. My first station was a borrowed Heathkit DX 40 transmitter and a General coverage National NC 140 receiver. I later built a Heathkit DX 60, and used a National NC 303 Ham receiver. These were crystal-controlled transmitters. After getting my General ticket, I built a Heathkit SB 102 which I used for about 30 years. My favorite bands are the low bands, 10 thru 160 meters. I work probably 95% CW, although I used to work a lot of 2 meter SSB and CW but there isn't much activity in that part of the band anymore. My favorite operating is DXing and contesting. I am a Life Member of ARRL, CMARC, and belong to the Greater Lansing DX Group, which has been chartered for about 35 years. Another hobby I enjoy is Genealogy.

As far as my personal life goes, my late wife Barbara and I were married for 57 years and had a son and daughter together, and I am blessed with two grandchildren. I worked as an Engineer for the Michigan State Highway Department for 44 years and have been retired now for 18 years.

When asked if I had any words of wisdom regarding Amateur Radio or life in general that I'd like to pass on, I responded by saying, "I have found in life that you only treasure the things that you have had to work hard for."

There, now that we're a little better acquainted, "What's My Sign?" My Callsign is W8AAX and my name is Ken Kruger.

<b>VE TESTING SESSIONS</b>	
<b>Ingham County VE Group</b>	
<b>Location:</b> Ingham County Sheriff's Dept. Mason <b>Contact:</b> Don McLain/KB8RAD (517) 694-0812 <a href="mailto:KB8RAD@arri.net">KB8RAD@arri.net</a>	
<b>Thursday at 7:00 p.m.</b>	<b>10/03/13, 12/05/13</b>
<b>Saturday at 11:00 a.m.</b>	<b>09/14/13, 11/09/13</b>
<b>Eaton Co. ARC</b>	
<b>Location:</b> Eaton Co Sheriff Dept-EOC, 1025 Independence Blvd. Charlotte, MI 48813 <b>Contact:</b> Mark Korroch(WB8TGY) (517) 645-2378 <a href="mailto:wb8tgy@yahoo.com">wb8tgy@yahoo.com</a>	
<b>Saturday at 12:00 p.m.</b>	<b>TBA</b>
<b>Corunna VE Team</b>	
<b>Location:</b> American Red Cross, 702 Corunna Ave, Corunna MI 48817-1230 <b>Contact:</b> Thomas Carpenter (KI8AS) (989) 277-2262 <a href="mailto:ki8as@charter.net">ki8as@charter.net</a>	
<b>Thursday at 7:00 p.m.</b>	<b>08/22/13, 10/24/13, 12/26/13</b>

## **HAMFESTS**

Date: Saturday, **August 24** – 2013 SARA Swap & Trunk Sales

Location: Owosso, MI

Sponsor: Shiawassee Amateur Radio Association

Website: [www.w8qqq.org](http://www.w8qqq.org)

Date: Saturday, **September 7** – GRAHamfest 2013 (Grand Rapids Area Hamfest)

Location: Wyoming, MI

Sponsor: Grand Rapids Amateur Radio Association

Website: [www.w8dc.org/](http://www.w8dc.org/)

Date: Sunday, **September 8** - Findlay Hamfest

Location: Findlay, OH

Sponsor: Findlay Radio Club

Website: <http://w8ft.org>

# Interested in Amateur Radio?

There are 2 upcoming classes – one in East Lansing and one in Jackson (next page)!

## *Beginner's HAM RADIO Licensing Class*

Learn basic electronics theory, FCC regulations, and operating practices: knowledge required to pass the FCC Technician Class amateur radio license exam. Morse code will also be offered for those interested. While Morse code is not required to earn a Technician Class license, passing the 5 word-per-minute Morse code exam along with the written exam gives a Technician Class license with additional operating privileges



**Dates:** Saturdays—Sept. 14<sup>th</sup> 2013 through Oct. 19<sup>th</sup> 2013, (six classes)

**Time:** Exam theory class: 10:00-11:30

**Morse code class:** 11:30-12:30

**Location:** Michigan State University, Engineering Building, Room 1145

**Cost:** Class is free. Textbook purchase is required.

**Textbook:** *Now You're Talking*, 5th ed., ARRL, Newington, CT  
(Costs approx \$20 in local stores ( Fulton Radio) or from Amazon.com)

### **Registration:**

Please reserve your place in the class by Aug. 31, 2013 to allow the teaching team sufficient time to obtain materials and reserve classroom space.

You can register by either of the following methods:

1. Filling out the registration form on the class web page at <http://msuarc.egr.msu.edu/class/>
2. Calling Gregg Mulder at (517) 646-6257

Sponsored by the MSU Amateur Radio Club and the Central Michigan Amateur Radio Club.

Amateur radio is a friendly, high-tech hobby that's got something fun for everyone! Anyone can become an Amateur Radio operator. Hams communicate with each other using voice, computers, or Morse code across town and across the world. Some hams use satellites. Many use hand-held radios that fit in their pockets. Hams exchange pictures using television. Some also like to build their own radios and antennas. Using even the simplest of radio setups and antennas, amateurs communicate with each other for fun, during emergencies, and even in contests. They handle messages for police and other public service organizations during all kinds of emergencies.

Ham Radio is a lifelong learning opportunity.



## Amateur Radio Class

### Amateur Radio in the USA

There are almost 700,000 Amateur Radio operators in the USA and over two million in nearly every country in the world. They come from all walks of life – movie stars, missionaries, doctors, students, politicians, truck drivers and just plain folks. They are all ages, sexes and income levels linked by their interest in wireless communications technologies. There are more licensed American Amateur Radio operators now than ever before in history.

We are a licensed radio service and here in the USA, the first step is getting your Technician License. To get this license you must pass a test covering radio theory, regulations, and operating practices. There are no age requirements, and some elementary school children have passed this test, but it is easier if you have someone who can explain things for you.

### We can help you

The Cascades Amateur Radio Society will be offering a class this autumn.

An experienced teacher will teach you the basic radio theory, the regulations, and operating practices covered in the test.

We will let you meet local people who have done this before who can help and mentor you in your new hobby.

The last class session will include a test session so that you can get your own license.

### When?

- Monday evenings from September 9, 2013 until November 11, 2013 from 5:30 – 9 pm.

### Where?

- Jackson County Health Department building – 1715 Lansing Ave., Jackson, MI.

### Cost?

- \$45. This includes the ARRL Technician License Manual and a test session the last night of the class.

### Registration Deadline

- In order to provide these materials, we need you to register by August 26, 2013.
- To register, call Jack at (517) 563-8166

### About us

The Cascades Amateur Radio Society (CARS) is a Club interested in promoting Amateur Radio in the Jackson area.

We have monthly meetings to talk with each other and to learn about various facets of the hobby.

The activities we do as a club include working communications for the Civil War Muster and practicing searching for hidden transmitters.

We regularly practice together in over the air “nets”.

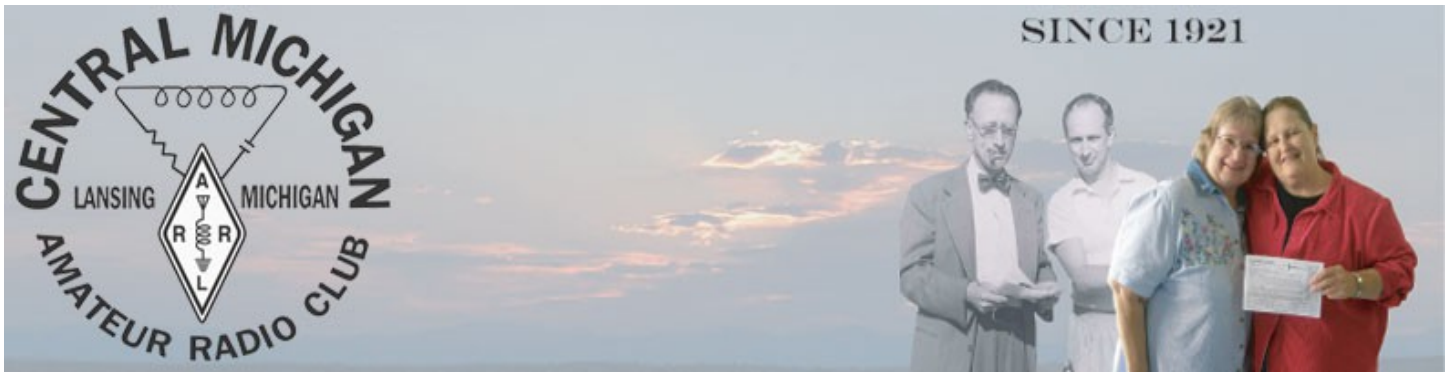
We offer our services to local government in the event of emergencies.

We are affiliated with the ARRL, the national association for Amateur Radio.

**P 517-563-8166**

**E kz6zz@arrl.net**  
**www.w8jxn.com**





## **CMARC BOARD MEETING July 12, 2013**

President Dan Beuchert/WX8MOJ called the meeting to order at 7:04 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, Under 22 Director Matt Miller/KD8OOS. Director John Doornhaag/KD8NNQ had an excused absence.

Non-profit is now back on the front burner after getting the CMARC mailing done. All that needs to be done with the mailing is putting postage on them, then they are good to go.

We need to get more kids interested in ham radio. One way to do this is for everyone to check into the youth net on Thursday nights at 7:00 pm, on 145.39.

Insurance-how much will it cost to increase our liability?

Antenna-have group of people ready to work on it.

Old business-talk about field day, talk about the upcoming hamfest, antenna and non-profit status.

New business-talk about upcoming service events, getting the mailing out.

Salvation Army has new leadership, Captain Lee. We need to let the new leadership know that we have our own insurance.

Dan/WX8MOJ has sent a letter to Captain Lee explaining CMARC and when we plan on being here. Captain Lee plans on coming to our August meeting.

Jerry/KD8GLN made a motion to adjourn, seconded by Don/KB8RAD. Meeting adjourned at 7:25pm.

Respectfully submitted,  
Jane Hosford/KC8FSK-Secretary

## **CMARC MEETING MINUTES**

### **July 12, 2013**

President Dan Beuchert/WX8MOJ called the meeting to order at 7:42 and welcomed both members and visitors attending tonight.

Moment of silence for silent keys.

Silent key report: No silent keys to report.

ATTENDANCE: There were 29 people in attendance. Visitors were: Mary Tillitson and Michael Boensch who plans on taking the technician exam at tomorrow's VE session in Mason. Good luck Michael!

NEW LICENSES, UPGRADES and VANITY CALLS: There were no new licenses or upgrades.

#### CARDS AND FLOWERS REPORT:

A get well card was sent to Don/KD8BD.

INTERESTING DX CONTACTS: Ken/W8AAX reported that Bob/KB8DQQ talked to Texas and Alabama. Gregg/WB8LZG talked up and down the coast on six meters. Don/KC8CY talked to Russia this afternoon. Brian/KD8ONC said thanks to the guys in the six meter tent on Field Day because he went home and made his first contact on six meter.

#### OLD BUSINESS:

A motion to accept the June Secretary's Report as printed in the June SCOPE was made by John/KC8QZB, seconded by Don/KC8CY, and approved. A motion to accept the June Treasurer's report as printed in the June SCOPE was made by Leota/KD8SQD, seconded by Don/KB8RAD and approved.

Field Day: Gregg/WB8LZG said everything went well. Ron/WD8BCS sent Dan the number:

CW- 352 contacts  
Phone-482 contacts  
Digital-22 Contacts  
VHF 6 meter-28 contacts  
GOTA-22 contacts

There were 22 operators with a total of 73 people who attended Field Day.

Antenna and non-profit stats are back on the front burner. CMARC mailing was the priority but that is getting mailed out tomorrow, over 500 mailings. Hopefully people will get mailer before the hamfest and hopefully we will get new members from the mailing.

Status of Holt Club rig. Hopefully Dan will get sometime next week.

Insurance-Dan/WX8MOJ wants to talk to Russ/N8FZ about an increase in our insurance coverage.

Please pay your dues.

CMARC dues to Jerry/KD8GLN and LCDRA dues to Julie/KB8ZXR.

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

NEW BUSINESS: .

Hamfest: Julie -

Carl/K8YHH and Bob/K8RDN are doing a forum

Tony/N8TSP and Bob/K8RDN are each doing an antenna demonstration

GOTA station Brian/KD8ONC in charge on the 146.94 repeater.

VE testing inside the Church

Food

Security

Flier will be passed out with ticket attached.

23 vendors so far.

ARRL - Larry Camp our director will be there.

Need 100' extension cords

Using 5 canopies and need three more 10'x10' canopies.

Tony/N8TSP has a 12'x12' canopy

Brian/KD8ONC will take care of GOTA station with canopy and extension cord

Ladies' prize drawings

13 prizes donated

Special event station K8H

Special QSL cards-must request if you want one

Thanks to Field Day Chair, Co-Chairs and Volunteers:

Bob, Tom, Shannon, Jerry, Randy, Jim, John, Gregg, Matt, Dan, Matt

Bill Cote' was the PR person

There is a list of businesses who donated in the Scope.

Sorry if anyone was missed. Everyone's help was greatly appreciated.

Someone came from Grand Rapids just for VE testing at Field Day.

The Salvation Army has new leadership, the Lees. They are planning on coming to our potluck next month.

Jackson's Cascade Radio Society is offering a ham class September 9 - November 11.

Ken/W8AAX brought in a two-meter antenna for anyone that wanted it.

UNDER 22 REPORT: Nothing to report.

50/50 DRAWING: Bob/KB8DQQ won\$5.50.


Motion to adjourn for break made by Don/KB8RAD, seconded by Cheryl/KD8QFE and approved.

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

MAIN PROGRAM AND/OR SPEAKER: Bob/K8RDN and Carl/K8YHH were our speakers. They talked about what to do when the electricity goes out, having emergency back-up power.

With all business concluded the meeting was adjourned at 9:17 pm.

Respectfully submitted,  
Jane Hosford/KC8FSK-Secretary

July 2013 Treasurer's Report		
Primary Share Acct. (Humphreys Fund)	\$1089.70	 Submitted, Jerry Waite/KD8GLN - CMARC Treasurer
Business Checking	\$2562.40	
Net Worth	\$3552.10	
Youth Fund Balance* (as of 04/2013)	\$253.10	
Building Fund (Club Station)	\$9.09	
<i>separate from CMARC Funds</i>		

### **Is your ham shack in need of a makeover? MSU Surplus may be able to help.**

Whether you are new to the hobby or an old timer, each of us have a dedicated area we call the ham shack. It's usually filled with new and used ham equipment wall maps, awards, and qsl cards. Most of us use old tables, desks and chairs that would have been discarded if it wasn't for "the shack". Recently I decided to redesign my shack so it was more friendly to non ham visitors. It was suggested that I visit the MSU surplus store. I was amazed on what I could find there.

The warehouse size store is filled with tables, desks, office chairs, file cabinets and much more. Most of the office furniture is top quality brands like Steelcase, Herman Miller, and more. Many items are in like new condition and sold for pennies on the dollar. Quite often the quality at the MSU Surplus Store is better than new compared to what you could get at Target or Wal-Mart. I was able to put together my shack with first quality office furniture for less the \$100. The inventory is always changing so it is a good idea to stop in on a regular basis. Or if you find something grab it because it may be gone by the next week. (Yes I have learned that the hard way).

Some of the items for sale have seen better days, but there are gems throughout the store. I am amazed at some of the items are considered surplus because they look almost new. The MSU Surplus Store is open five days a week, but sales to the general public are limited to Tuesdays and Fridays. The web address is <http://www.msusurplusstore.com>

[Thanks to Russ/N8FZ for this submisison to The Scope!]



## 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](http://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](http://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!"

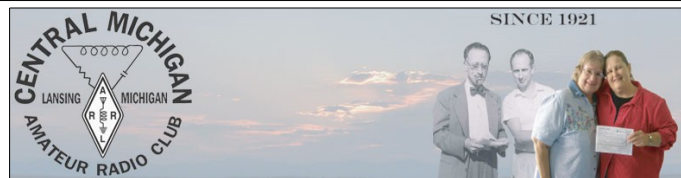
The **"Mid-Michigan Information Net"** meets every Wednesday night at 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now since November 11, 2009 and is still growing!! Be sure to join Don for a time of FUN, FELLOWSHIP, and helpful INFORMATION!!

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

he 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
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Under 22:	Matt Miller-KD8OOS	
Cards/Flowers:	Jane Hosford-KC8FSK	Ph: (517) 648-8240
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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](mailto: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	<a href="mailto:wd8bcs@arri.net">wd8bcs@arri.net</a>
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Director:	Jim Harvey-KA8DDQ	Ph: (517) 882-5796
Tres./Mem. Ch:	Jeff Oberg-KB8SXX	Ph: (517) 712-1302
Repeater Trustee:	Dennis Boone-KB8ZQZ	email: <a href="mailto:drb@msu.edu">drb@msu.edu</a>

**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 1<sup>st</sup> 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 1<sup>st</sup> 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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[lcdra.net](http://lcdra.net)

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