



January 2008
Central Michigan Amateur Radio Club



The Scope

Lansing Civil Defense Repeater Association

www.qsl.net/cmarc 84 Years of Service to Our Community! www.qsl.net/lcdra

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Breakfast groups

Rod's Breakfast Bunch Each Friday – meets @ 8:00 AM location: Bob Evans Restaurant - DeWitt – 13101 S. US 27 145.390 Talk in.
 QCWA – Last Saturday of every month – at 8:00 AM – Delhi Café on Willoughby Rd.
 539er's – Every Saturday – 8:00 AM – Penn Ave Diner on Pennsylvania Rd near Miller.
 RAD's Coffee Break –Every Saturday from 7:30 pm -?? @ Denny's on Saginaw St. Talk in on 145.390

CMARC Central Michigan Amateur Radio Club meeting is held the first Friday of every month at 7:30 pm at the Red Cross building
 1800 E. Grand River Lansing. Dates may change due to holidays. **Next Meeting January 4th**

Regular Announcements

Lansing VE testing is held the 2nd Saturday of the odd months at the Red Cross building.
 Registration begins at 9:30 am and testing starts at 10:00 am. The address is 1800 E.
 Grand River Lansing. The next date is?

| | | |
|------------------------|----------------------------|--------------------------|
| January 12 2008 | March 8 th | May 10 th |
| July 12 th | September 13 th | November 8 th |

Charlotte VE testing is on the 2nd Saturday of even months at the Eaton County Sheriff's
 Department, Charlotte MI at 12:00 noon. The next Registration date is?

| | | |
|--------------------------------|--------------------------|---------------------------|
| February 9th | April 12 th | June 14 th |
| August 9 th | October 11 th | December 13 th |

The Delta Township Auxiliary Communications Service meetings are held on the 1st Monday of each
 month at Fire Station Number One on Saginaw and Canal Rd. at 7:00 pm. The Next meeting is?

| | | |
|-------------------------------|--------------------------|---------------------------|
| January 7th | February 4 th | March 3 rd |
| April 7 th | May 5 th | June 2 nd |
| July 6 th | August 4 th | September 1 st |
| October 6 th | November 3 rd | December 1 st |

The Lansing Civil Defense Repeater Association, LCDRA, meeting is held quarterly on the Third Thursday at
 Fire Station Number 8 on Marshall and Saginaw St in Lansing at 7:00 pm. The next meeting will be?

| | | | |
|--------------------------------|------------------------|-----------------------|--------------------------|
| January 17th | April 17 th | July 17 th | October 16 th |
|--------------------------------|------------------------|-----------------------|--------------------------|

ARPSC meets the 3rd Monday of every month @ 7:00 pm. Odd months they meet @ Fire
 Station 8 on Marshall and Grand River Even months they meet @ Ingham County Sheriff's
 Department 630 N. Cedar St Mason MI Next dates...

Odd-

| | | | | | |
|--------------------------------|------------------------|----------------------|-----------------------|----------------------------|---------------------------|
| January 21st | March 17 th | May 19 th | July 21 st | September 15 th | November 17 th |
|--------------------------------|------------------------|----------------------|-----------------------|----------------------------|---------------------------|

Even-

| | | | | | |
|---------------------------|------------------------|-----------------------|-------------------------|--------------------------|---------------------------|
| February 18 th | April 21 st | June 16 th | August 18 th | October 20 th | December 15 th |
|---------------------------|------------------------|-----------------------|-------------------------|--------------------------|---------------------------|

NETS:

Sunday-147.080 @ 8 pm. PI 103.5 tone. Eaton County Amateur Radio net.
 Monday-443.625 @ 9 pm. PI tone 100. Traders net.
 Tuesday-443.625 @ 9 pm. PI tone 100. Michigan IRLP net.
 Wednesday-443.625 @ 9 pm. PI tone 100. Canadian IRLP net.
 Friday-443.625 @ 9 pm. PI tone 100. International IRLP net. (New net)

Nets, continued....

- The central Michigan six-meter fun net is held every Sunday evening @ 9 pm on 52.525 MHz.
- The CMARC information and fun net is held every Sunday evening @ 8:30 pm on the 145.390 repeater 100Hz. PL.
- The Eaton County, ECARC net is held every Sunday evening @ 8 pm on the 147.080 repeater.
- Ionia County net, N8ZMT is held every Monday evening @ 7pm on 145.13 (PL 94.8)
- Tuesday evenings @ 8 pm the QCWA- Quarter Century Wireless Association net is on the 146.700 repeater, 100Hz.
 PL You do not need to be a member. All check-ins are welcomed.
- Tuesday evenings@ 8 pm The Ladies Tea Time Net is held on the 145.390 repeater. Anyone welcomed.
- Thursday evenings @ 8 pm the CCARA – Clinton County Amateur Radio Association holds their net on the 444.850
 (141.3 PL) and 146.86 (107.2 PL). You can also use 147.480 simplex.

Please support these area nets, their survival depends on you!!!

December Birthdays
 1/1 Jan Bradfield KC8BFK
 1/4 Don Hinkle KD8DJH
 1/11 Ralph Riggs N8YQJ
 Louie Larche' KD8BWL
 1/18 Dennis Boone KB8ZQZ
 1/23 Mary Lou Tillitson
 John Ingraham NG8L
 1/24 Pam Denomme KB8PSF

ATTENTION
ATTENTION
ATTENTION...

CMARC Dues are due in January...
Please see Ron Harger WD8BCS to renew them.
\$10.00 Member
\$5.00 Associate.

LCDRA dues are due in January...
Please see Don Hinkle KD8DJH to renew them.
\$ 15.00 Member
\$ 7.50 for second member

December 2007 Treasurers Report

| | |
|--|-------------------|
| Primary Share Account (Humphries Fund) | \$354.14 |
| Business Checking Account | \$1,127.45 |
| NuUnion Certificate of Deposit (2-13-08) | <u>\$1,718.89</u> |
| Net Worth as of November 30, 2007 | \$3,200.48 |

73!
 Ron Harger - WD8BCS
 CMARC Treasurer

Information Corner

Skywarn training is March 29. Details haven't been ironed out yet but when they are they will be on www.lansingarpssc.com.

Keep an eye open for more details to come.

73's
 Ben Holcomb,
 WA8BEN

2008 Club Officers

| | | | |
|--------------------------|-------------------------|---------------|---------------------|
| President | Erv Bates | W8ERV | |
| Vice President | Bob Berger | K8RDN | |
| Secretary | Jane Newton | KC8HJQ | |
| Treasurer | Ron Harger | WD8BCS | 517-204-4897 |
| Director | DeAnna Barnhill | KD8BDI | 517-505-1983 |
| Director | Gregg Mulder | WB8LZG | 517-646-6257 |
| Membership | John Ingraham | NG8L | 517-230-9445 |
| Under 22 Director | Corey Bulock | KD8BOQ | 517-930-2372 |
| Scope Editor | DeAnna Barnhill | KD8BDI | 517-505-1983 |
| Web Chairman | John Ingraham | NG8L | 517-230-9445 |
| Skywarn Chairmen | Ben Holcomb | WA8BEN | 517-282-5321 |
| Awards Manager | Don De Feyter | KC8CY | 517-641-4533 |
| Zieg. Nominations | Joseph Denomme | N8VYS | 517-589-5868 |
| VE Team Liaison | Laurence Nordeen | N8VEN | 517-676-1799 |
| VE Team Contact | Joseph Denomme | N8VYS | 517-589-5868 |

Central Michigan Amateur Radio Club
Minutes of the Meeting (December 7, 2007)

The Club meeting was brought to order by club president Roger Barnhill at 7:00 p.m.

Members

49

Visitors

Gloria Cote
 Mary Lou Tillitson
 Donna Cote
 Jeanie Serviss
 Joan Mann
 Ann Berger

Cards and Flowers

Dan Harger
 Kenneth Hull Family

Upgrades

N/A

New Licenses

Bill Serviss KD8HHN
 Sharon Waite KD8HHK

Old Business

Treasurer's report was accepted as read, subject to annual audit, moved by Bernie Gaffney N8PVZ and seconded by Don Cote KD8BD.

Meeting Minutes were read and accepted as written in the scope, moved by Erv Bates W8ERV and seconded by Bill Mathews KB8TTS.

New Business

The Lifetime Achievement award was awarded to 3 new recipients: Bill Cote WD8NYW, Dick McGuire KI8C, and Ken Favier W8HNI

Meet the new Club Officers:

- | | |
|--------------------------|-----------------------------|
| 1. President | Erv Bates W8ERV |
| 2. Vice President | Bob Berger K8RDN |
| 3. Secretary | Jane Newton KC8HJQ |
| 4. Under 22 | Corey Bullock KD8BOQ |

Thank you to everyone for bringing in all the wonderful food and thank you to Ben Holcomb WA8BEN, Jeremy Sevrey KC8EIA and Wayne Conklin W8QG for counting ballots.

Motion to adjourn was made by Don McLain KB8RAD and seconded by Bill Mathews KB8TTS

50/50.... \$90.00 was collected and \$45.00 was won by Scott Tickner W8ATT.

A Note From Dan Romanchik, KB6NU---MI Affiliated Club Coordinator

Want to Get Your Community Involved in Amateur Radio? Get Involved in Your Community!

I often hear hams lament that their communities show little interest in amateur radio. While this may be true, hams have to realize that community involvement is a two-way street. To get communities involved in amateur radio, amateur radio needs to be involved with the community.

Let me give you an example.

In early 2006, I decided to become more involved in community service. On a road trip to the Marshall Hamfest, one of the guys in our club--Jack, WT8N--mentioned that he was a member of the Ann Arbor Rotary Club. I told him that I would be interested in joining, and he agreed to sponsor me.

I joined the club in March 2006. Shortly after I joined, the executive director of the Ann Arbor Hands-On Museum (www.aahom.org) spoke to our Rotary Club. The Ann Arbor Hands-On Museum is a science museum that gives kids (and adults, too) real, hands-on experience with science and technology. There are, for example, exhibits that help kids learn about electricity, springs, weather, and other topics in science and technology.

As the director was speaking, the thought occurred to me that the museum would be a great place for an amateur radio station. I discussed my idea with Jack, and he agreed to work with me on the project. We then approached the museum director, who is also a Rotary Club member, and met to discuss our idea.

As we discussed the idea, he became very enthusiastic about the possibilities. Our original idea was to set up a permanent station there, but as they were in the process of remodeling, this wasn't immediately possible. Instead, we operated a series of special events throughout the fall of 2007. These events have been very successful, and now we are discussing how and where to set up a permanent station at the museum. We expect this to happen some time in 2008.

We even have a vanity call sign for the station already--WA2HOM. A2 stands for Ann Arbor; HOM stands for Hands-On Museum. Look us up on QRZ.COM.

I'm sure that my involvement with the Rotary Club was a big part of the enthusiastic response to our proposal. Membership in the Rotary Club, and other community service clubs, such as Kiwanis or the Optimists, give one, if not instant credibility, at least some measure of it. There's no doubt in my mind that my involvement with the Rotary Club was a factor in the museum deciding to become involved with amateur radio.

Are you working on a community-service project or have questions about setting one up? Let Dan know! You can e-mail him at kb6nu@w8pgw.org or phone 734-930-6564.

RADIO IN SPACE: NEW SATELLITES DISCOVER MAGNETIC ROPES

NASA's fleet of Themis spacecraft have made three important discoveries about spectacular eruptions of aurora borealis. Launched less than 8 months ago, the probes discoveries include giant magnetic ropes that connect Earth's upper atmosphere to the Sun and explosions in the outskirts of Earth's magnetic field.

According to NASA, a "magnetic rope" is a twisted bundle of magnetic fields organized much like the twisted hemp of a mariner's twine. Spacecraft have detected hints of these ropes before, but a single spacecraft is insufficient to map their 3D structure. The Themis five satellite cluster was able to confirm that these ropes actually exist.

More on these magnetic ropes and how they function is on line at http://science.nasa.gov/headlines/y2007/11dec_themis.htm (NASA)

"WHAT'S MY SIGN"
by Julie McLain/KB8ZXR

I was born on March 28, 1994 at Sparrow Hospital in Lansing, Michigan. Ever since I was a young boy, I've been intrigued by the world around me. For example, one day when I was only 5 years old, I became so fascinated by a plane flying overhead, that I fell off the bike I was riding and never realized until later that I had a bloody lip from my fall! My Dad, David/KA6PTM, was licensed in 1980 in San Francisco, California when he was 20 years old. My Mom isn't a Ham yet, but really supports and encourages my Hobby. My older Sister, Chelsea/KC8TXP, got her Ham license when she was 12 years old. She's now 18 and a freshman at Michigan Technological University in Houghton, Michigan in the Upper Peninsula, where she's going into the field of Biomedical Engineering.

My interest in Amateur Radio began when I attended a Ham Fest on Saturday, June 1, 2002. I was so fascinated by all the technology and by the people walking around the swap talking on their radios, that on May 14, 2005, when I was only 11 years old, my best friend and I got our Technician licenses. I'm now planning to upgrade to General Class or maybe Extra sometime in 2008, and even though CW is no longer required, I'd still like to learn it. When I have some free time you can find me on 2 meter simplex and sometimes on the 145.39 talking on my new Kenwood HT, which is a TH-F6 tri-band radio with 2 meter, 440 and 220. I also have an Icom mobile rig and a 7 foot omni-directional dual-band antenna that works 2 meter/440. Two of the things I enjoy most about the Hobby are SKYWARN (I'm a trained weather spotter) and going to the many Ham Fests that are still around. I'm currently a member of CMARC and hope to get more involved in the future by volunteering my time and talents working with Under 22 Director Corey Bulock/KD8BOQ in bringing more kids into the Hobby. I've been hearing a lot about ATV (Amateur Television) and SSTV (Slow Scan Television) lately, and even though I haven't been able to try it yet, it definitely sounds like something I'd like to work on someday.

I attend Holt Junior High School and am in the 8th grade. My favorite subjects are Mathematics and German. I was in Equations this year and loved it because it really involves a lot of math! Every day at school I make a video introduction for the students who do the Morning Announcements and after school I'm in Band. During the summer I took C++ and Java software programming classes at Michigan Technological University in Houghton, Michigan in the Upper Peninsula. I really love to program in C++ (a computer language for programming software for specific objects or programs) and working on other electronics projects. I'm active in my Church and my best friend Corey and I have started a business together called the James-David Company where we specialize in electronics services and video editing. We're just getting started, but if you're interested in learning more about what we do you can check us out at: james-david.com

When asked if I had any words of wisdom regarding Amateur Radio or life in general, I responded by saying, "A man is honorable when he possesses two qualities – that he realizes he is not perfect, but strives to be perfect anyway." Also, I just want to say that I really enjoy and appreciate the efforts of the Club to improve Ham Radio in the Greater Lansing area. I see that it will have lasting positive results in the near future that will benefit generations to come.

Now that you and I have gotten a little better acquainted, "What's My Sign?" My Callsign is KD8BOP and my name is Tyler Leighton.

NOTICE OF ELECTION

The Lansing Civil Defense Repeater Association (LCDRA) will hold its annual election of officers at its next quarterly meeting on January 17, 2008. The meeting will be held at Fire Station Number 8 at Marshall and Saginaw Streets at 7:00 p.m. All who were members during 2007 or who have joined during January 2008 are eligible to vote. We encourage all members to attend.

Did You Know?

The Lansing Civil Defense Repeater Association (LCDRA) is the organization that owns and maintains six repeaters in the Lansing area.

The 145.39 (pl. 100) repeater is located in Okemos (Dobie Road) on the WKAR TV-23 tower. The antenna is up around 500 feet, so this repeater provides great coverage around the area. If your rig does not have a pl tone then key in 325.

The 145.47 (pl 114.8 Onondaga) (pl 100 Ingham Hospital) (pl 107.2 Dobie Road) repeater is located in Onondaga on the WILX TV-10 tower. The antenna is up around 500 feet. This repeater is part of the W8HVG link system, which covers much of western Michigan.

The 146.70 (pl 100) repeater is located on top of Ingham Regional Medical Center, near downtown Lansing. This repeater has an autopatch. Please be considerate when using the autopatch, and limit your calls to emergency or important calls only. If your rig does not have a pl tone then key in 325.

The 146.94 (pl 100) repeater is located at Ingham Regional Medical Center as well. If your rig does not have a pl tone then key in 325.

The 224.98 (pl 100) repeater is also located at Ingham Regional Medical Center. This repeater has good coverage around Lansing, but people have checked in as far south as Jackson and north to St. Johns. If your rig does not have a pl tone then key in 325.

The 51.7 (pl 192.8) repeater is our newest addition and is located in Onondaga on the WILX TV-10 tower. The antenna is up around 400 feet.

Please consider supporting these local repeaters by joining LCDRA, or renewing your membership. Dues are \$15.00 per year and go towards the maintenance of the repeaters in our area. Owning and operating a repeater can become very expensive, so it is with the help of the users that LCDRA can continue providing these great repeaters to the Lansing area.

Lansing Civil Defense Repeater Association
P.O. Box 26281
Lansing, MI 48909-6281

THE NORTHWEST STORMS - A PERSONAL VIEW

Its not often that Newline personnel get involved in emergency communications efforts, but it did happen to one of our volunteer staff members during the recent Pacific Northwest storms. That person is Don Carlson, KQ6FM, up in Reno, Nevada, and it hit very close to home. We asked Don to tell you the story in his own words:

It was December 3, 2007 and a dangerous storm had just hit the Pacific Northwest, causing major power and telephone outages and widespread damage to many areas of northern Oregon and southwest Washington. I received a phone call from my father-in-law in southern California regarding the welfare of my wife's aunt Millie and Uncle Don in Tillamock County, Oregon. They could not get any response due to the lack of phone service, and since they are an elderly couple, the concern was great.

Our Nevada Northeast DEC, Joe, N7JEH and I talked via IRLP, and he gave me the operating frequency on 75m where hams up there had started a net. I then went to that frequency where I found their signals to be at least 10 over all the way. I was able to contact Jerry, KB7LNR; Joe, N7HAE and David, W7PDQ. Between them, all of the information on Don and Millie was taken, including physical address and phone number, and said that they would do what they could to both locate them and find out health and welfare information on them.

The next day I received an email telling us that Don and Millie were fine. They had lost an outbuilding shed at the back of the house, had indeed lost power and telephone service, but that they were fine and the house was intact. The wind gusts had been recorded at 129 mph in that area! I immediately called my father-in-law and reported back that they were ok, and that they would call once phone service had been restored. Turns out that this took a couple of days.

Once their phone was working again, Uncle Don called us and said, one of your ham friends contacted us to see if we were alright. What you hams do is a great service to us. He noted that while they lived 2 miles inland from the ocean, they could hear the surf pounding the coast like it was next door even from that distance. They were grateful that the damage was minimal, and more so for what amateur radio has the ability to do, when conventional means of communication have been lost.

This is why we train, this is what we amateurs do! When a disaster strikes, and it can anywhere and at any time this makes it all worth the effort. Thank you to the amateurs in Oregon for helping us to get the messages through, when it was the only way to communicate.

Remember always the motto, "When all else fails there is Amateur Radio." I'm Don Carlson, KQ6FM, in Reno. And oh how very true the words -- **"When all else fails there's Amateur Radio"** -- really are. (KQ6FM)

For Your Consideration.....By Erv

As we begin 2008, I would like to thank the members of CMARC for their support. After speaking to many of you, I have quite a laundry list of ideas, most of which will need your support to accomplish, but I am confident we can get them done.

It's been 10 years since I first served on CMARC's Board and today, as back then, we are on the edge of tremendous forward momentum, thanks to the hard work of Roger (AB8RX) and the other outgoing Board members. I would like to extend my thanks, on behalf of all CMARC members, for the work you have done. It is my hope that we can continue to build upon your success.

I am pleased to announce that, thanks to Don Tillitson (WB8NUS), we hope to once again hold our meetings upstairs, in the AB room at the Red Cross. It has become apparent that we need more space, so Don made some calls. We will be looking for three volunteers to man the door and direct people to the elevator, so please get with myself, or any Board member if you are willing to help. We cannot leave the door unattended, due to Security concerns, and this is a small price in exchange for the chance to be back upstairs.

It is also my great pleasure to tell you about some new appointments. You will meet each of these members at the upcoming January CMARC meeting, but we're excited that we have some good folks who want to get involved right out of the gate. And here they are:

Ladies Committee Chair: Julie McLain (KB8ZXR)
 Field Day Committee Chair: John Hosford (KC8QZB)
 Awards Manager: Don DeFeyter (KC8CY)
 Fund-Raising Chair: Elizabeth Stein (KD8GYN)
 Youth Liaison: Jeff Oberg (KB8SXX)
 Elmering Committee Chair: Gregg Mulder (WB8LZG)
 Cards and Flowers Chair: Marie Watson (KC8NOI)
 Antenna/Tower Projects: Bill Mathews (KB8TTS)
 New Ham Contact/ARRL Contact: Donald McLain (KB8RAD)
 Website Director and ARPSC Liaison: Ben Holcomb (WA8BEN)
 PR Committee Chair: Gretchen Wasper (KC8ODL)

More will follow as the need arises, but we wanted to get the year going with a bang. All I ask is that you give us a few months and we promise you will like what you see. In the coming months you can plan to see regular Programs at our CMARC meetings. In fact, January is going to be our annual "State of the Hobby" meeting, where YOU get to give your ideas for future meetings and Club activities. This is followed by February's "Antenna Construction" program and March is a surprise....so stay tuned! There is much more to come and you won't want to miss a meeting this year!

Let's roll up our sleeves and make 2008 a fantastic year.

73, Erv

Central Michigan Amateur Radio Club



Please print and complete the form below. Make check or money order payable to CMARC.
Mail completed membership form and the membership fee to:

John Ingraham / NG8L, Membership Chairman
2807 Greenbriar Avenue
Lansing, MI 48912

NAME: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone: () _____ Call: _____ Lic. Class: _____

| | | | |
|--------------|-----|----|------------------|
| ARRL Member? | Yes | No | (Circle Answers) |
| Email Scope? | Yes | No | |

 Email Address: _____
 Birthday _____ Month: _____ Day: _____
 Wedding Anniversary: _____
 Full Membership: \$10.00 / year
 Associate Member: 5.00 / year
 Membership dues are from January to December.

As a licensed Amateur, you can sign up today as a Full member of CMARC. This grants you voting rights and an annual subscription to SCOPE, the club newsletter. An Associate member does not have voting rights but does receive an annual subscription to the SCOPE.

Lansing Civil Defense Repeater Association



Please print and complete the form below. Make check or money order payable to L.C.D.R.A..
Mail completed membership form and the membership fee to:

L.C.D.R.A.
PO Box 26281
Lansing, MI 48909-6281

Lansing Civil Defense Repeater Association

NAME: _____ Address _____
 City: _____ State: _____ Zip: _____
 Phone: () _____ Call: _____ Lic Class: _____
 Birthday _____ Month: _____ Day: _____
 Full Membership: \$15.00 / year
 2nd Membership of same family: \$ 7.50 / year
 Membership dues are from January to December.

E-mail For SCOPE Newsletter _____

Use of the repeaters does not REQUIRE membership, but your support is GREATLY appreciated.