



April 2007

Central Michigan Amateur Radio Club

# The Scope



[www.qsl.net/cmarc](http://www.qsl.net/cmarc) 84 Years of Service to Our Community! [www.qsl.net/lcdra](http://www.qsl.net/lcdra)

**Lansing Civil Defense Repeater Association**

**Happy Easter!!!!!!**



DeAnna '07

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## Breakfast groups

1. Rod's Breakfast Bunch Each Friday - Starts about 8:00 - 8:30 AM location: Bob Evans Restaurant - DeWitt - north of I-69 at 13101 S. US 27 145.390 Talk in.
2. QCWA – Last Saturday of every month – at 8:00 AM – Delhi Café on Willoughby Rd.
3. 539er's – Every Saturday – 8:00 AM – Penn Ave Diner on Pennsylvania Rd near Miller.

## Regular Announcements

Lansing VE testing is held the 2<sup>nd</sup> 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 13 <sup>th</sup>	March 10 <sup>th</sup>	<b><u>May 12<sup>th</sup></u></b>
July 14 <sup>th</sup>	September 15 <sup>th</sup>	November 10 <sup>th</sup>

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

February 10 <sup>th</sup>	<b><u>April 14<sup>th</sup></u></b>	June 9 <sup>th</sup>
August 11 <sup>th</sup>	October 13 <sup>th</sup>	December 15 <sup>th</sup>

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

January 8 <sup>th</sup>	February 5 <sup>th</sup>	March 5 <sup>th</sup>
<b><u>April 2<sup>nd</sup></u></b>	May 7 <sup>th</sup>	June 4 <sup>th</sup>
July 2 <sup>nd</sup>	August 6 <sup>th</sup>	September 3 <sup>rd</sup>
October 1 <sup>st</sup>	November 5 <sup>th</sup>	December 3 <sup>rd</sup>

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 18- **April 19<sup>th</sup>** July 19<sup>th</sup> October 18<sup>th</sup> January 17, 2008

ARPSC meets the 3<sup>rd</sup> 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 15 <sup>th</sup>	March 19 <sup>th</sup>	May 21 <sup>st</sup>	July 16 <sup>th</sup>	September 17 <sup>th</sup>	November 19 <sup>th</sup>
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Even-

February 19 <sup>th</sup>	<b><u>April 16<sup>th</sup></u></b>	June 18 <sup>th</sup>	August 20 <sup>th</sup>	October 15 <sup>th</sup>	December 17 <sup>th</sup>
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**NETS:**

Sunday-147.080 @ 8 pm. No pl 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)

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 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.

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!!!**

**Birthdays****Anniversaries**

4/7 Dick McGuire (KI8C)

4/2 Bob (K8RDN) & Ann Berger

4/10 Donna Cote

4/7 David (N8CFM) & Roberta Held

4/10 Bob Berger (K8RDN)

4/14 Scott (AB8VN) & Jenny Rowe

4/18 Ron St. Laurent (ND5S)

4/20 Dale (KE8CK) & Judith Wey

4/22 Dan Fuller (W8VVR)

4/27 Eleanor Skutt

4/29 Don Cote (KD8BD)

## Central Michigan Amateur Radio Club January 31, 2007 Treasurer's Report

Assets NuUnion Credit Union	
Primary Share Account (Humphries Fund)	\$353.20
Business Checking Account	\$933.06
NuUnion Certificate of Deposit 4.15% (02-13-07)	<u>\$1,657.57</u>
 Net Worth February 28, 2007	 \$2,943.83

Ron Harger WD8BCS 2007 Treasurer

### CMARC Field Day 2007!

As of this writing, it's 2 months, 25 days, 2 hours 36 minutes and (roughly) 30 seconds from the sending of this email until the launch of Field Day 2007!

Here is a follow up on the action items previously sent, and some things still to discuss at our next meeting on April 13th.

1. Location has been confirmed at Gardner Middle School.
2. Jim Harvey agreed to run a VHF effort again this year.
3. Roger stated that tables and chairs would be available to borrow from his church. Roger: Please let me know if you need assistance in transporting them, I can make my small utility trailer available if needed.
4. Still waiting to hear back from John Hosford as to the status of servicing the club generator. He was going to tap Jim Harvey for that task.
5. Field Day signs: I believe they are with John Hosford. I was wondering if we wanted to make (or have made) larger ones, maybe in banner form to be slung between a couple poles or trees etc.
6. Public Information Officer: I'd like to have a volunteer to take pictures (Bob?). Clint Hannahs will be assisting with setting up an information table.
7. Press Release: If there are no volunteers I can take that one on. I'd like to see it out to the media a couple weeks prior to the event, and then follow up a day or so before.
8. 2-Meter talk in. Need a couple folks to have their HT's with them and keep an ear tuned to 145.39 Roger said he'd help on this. I would like at least one other.
9. Get prices of tent enclosures. Need someone to do the legwork on seeing what's out there and how much. Roger brings up a good point about storing them. There is very limited space in the radio room. If the price is right and we find a place to store them we can bring this to a vote.
10. I've decided to stay with the logging software we used last year WR9R, it is tailored to Field Day and runs on about anything. Gregg: How's your laptop doing? I rebuilt mine and it's ready, I'll check with Jim to see if I can talk him into computer logging this year. Wish me luck on that! :) As far as a logging server, unless we had multiple stations on the same mode, there isn't a need for it. So far no one has come forward with the offer to run additional stations. Will keep asking though!

11. I have created a quick and dirty operator signup sheet (see attached) which I will bring to the next three meetings, one for each station. My idea is to get at least a couple signed up but also have "free" periods when any drop in operators could sit down and try their hand.

The following members have been (volunteered)/elected to handle the duties this year:

Food Chair: Deanna Barnhill - KD8BDI  
 CW Station: Gregg Mulder - WB8LZG  
 GOTA Station: John Hosford - KC8QZB  
 VHF Station: Jim Harvey - KA8DDQ  
 Phone Station: Ron Harger - WD8BCS

Additional Field Day Committee Members are:

Roger Barnhill - AB8RX  
 Bob Berer - K8RDN  
 Don Cote - KD8BD  
 Clint Hannahs - KC8EHR  
 Ron Harger - Field Day Chairman WD8BCS

If you are interested in operating any of the stations we will have sign up sheets at the April, May, and June CMARC meetings, or I can be contacted at 517-204-4897 [rharger@cablespeed.com](mailto:rharger@cablespeed.com).

Thanks and 73!  
 de Ron-WD8BCS

### **Annual Audit**

The annual audit for 2006 was done on March 3, 2007. The auditors were Ron Harger (WD8BCS), Louie Larche (KD8BWL), Jane Hosford (KC8FSK) and DeAnna Barnhill (KD8BDI). Everything came out exactly!!

**Thank you for all your help.**

### **April Key of the Month** by Gregg Mulder WB8LZG



The Key of the Month for April is a one of a kind homebrew bug. This key was a replica of the famous Vibraplex "Lightning Bug". The craftsmanship is superb, and the bug handles very well. In fact, it will send better at slower speeds than a Lightning Bug, because it has a slightly longer pendulum. The key was purchased in Grand Rapids from a SK in the early 1990's, and is a testament to the FB work and attention to detail of machinists in an era gone by.

73's Gregg WB8LZG

## 2007 Club Officers

President	Roger Barnhill	AB8RX	<a href="tel:517-980-4798">517- 980-4798</a>
Vice President	John Hosford	KC8QZB	<a href="tel:517-699-2540">517-699-2540</a>
Secretary	DeAnna Barnhill	KD8BDI	<a href="tel:517-505-1983">517-505-1983</a>
Treasurer	Ron Harger	WD8BCS	<a href="tel:517-204-4897">517-204-4897</a>
Director	Jane Hosford	KC8FSK	<a href="tel:517-699-2540">517-699-2540</a>
Director	Gregg Mulder	WB8LZG	517-646-6257
Membership	John Ingraham	NG8L	<a href="tel:517-484-8027">517-484-8027</a>
Under 22 Director	Jordan Mulder	KC8QYU	517-646-6257
Scope Editor	DeAnna Barnhill	KD8BDI	<a href="tel:517-505-1983">517-505-1983</a>
Web Chairman	John Ingraham	NG8L	<a href="tel:517-484-8027">517-484-8027</a>
SkyWarn Chairman	Jim Hannahs	KC8QWH	
Awards Manager	Don De Feyter	KC8CY	517-641-4533
Zieg. Nom.	Gregg Mulder	WB8LZG	517-646-6257
VE Team Liaison	Laurence Nordeen	N8VEN	<a href="tel:517-676-1799">517-676-1799</a>
VE Team Contact	Joseph Denomme	N8VYS	<a href="tel:517-589-5868">517-589-5868</a>

## Grayline DX Observations

Over the past year I have been rising early (about 5am) and coming to the M.S.U. shack, W8SH to listen up for grayline band openings. This is done right before and after sunrise and sunset. I had read about grayline DX propagation in many of the magazines but until I got a job here at MSU, I never bothered to get up early enough to see what it was all about. After listening in 2 or 3 days a week for a year now, I have begun to get a feel for what happens on the grayline. Being as we are in the bottom of the sunspot cycle I was a bit apprehensive about getting up so early and wasting potential good sleep time, but I have been rewarded with some very nice DX contacts over the year.

**First observation is:** The bands are not always open. Many mornings I came in to absolutely terrible conditions on the bands, but almost always heard some US stations to QSO with on 40 and 80 meters, and as a result I have made some new morning friends.

**Second observation:** Even when there are good grayline openings they only last about half an hour, not much more. If you wake up and see the sun, you missed it. Although the openings are short, they seem to cover a very wide geographical area on some mornings, yet, on others very specific geographic regions, as if a “pipeline” exists briefly.

**Third observation:** On certain mornings, I could hear the DX stations but they couldn’t hear me. Even when running higher power. (100 watts) So there may have been other things going on with the ionosphere on those days. Possible sporadic “E” or Aurora effects.

**Fourth observation:** When the band opening is good, high power is not necessary. I’ve worked many good DX contacts with just 5 watts. Examples of some of the DX worked in the last few months include, Japan, Australia, New Zealand, Hong Kong, Antarctica, Aruba, Nicaragua, Columbia, Peru, Galapagos Is, Norfolk Is., and others. Lot’s of good catches out there for the patient DXer.

**Fifth observation:** Many DXers are creatures of habit. If you hear a DX station on Wednesday, and can’t quite work them, try listening in the next Wednesday to see if they show up. I’ve heard several of the same stations on a particular day of the week. So there you have it. The hardest part about working the “Grayline” is getting up in the wee hours of the morning. But for those brave early risers, there are big DX dividends. Hope you have fun surfing the radio waves.

## Upcoming Hamfests

14 Apr 2007	+	<p>Jackson County Hamfest and Computer Show          Jackson County ARC          Talk-In: 146.790</p> <p>Contact: Edgar Dempsey, KD8XL          110 Morton Street          Jackson, OH 45640-1335          Phone: 740-286-3239          Email: <a href="mailto:kd8xl@verizon.net">kd8xl@verizon.net</a></p>	<p>Coalton, OH          James A. Rhodes Community Center  <a href="#">State Route 93</a>          Div: Great Lakes          Sect: Ohio</p>
15 Apr 2007	+	<p>52nd Annual Hamfest, Electronics, &amp; Computer Show          Cuyahoga Falls ARC  <a href="http://www.cfarc.org/hamfest2007.htm">http://www.cfarc.org/hamfest2007.htm</a>          Talk-In: 147.27</p> <p>Contact: Ted Sarah, W8TTS          239 Bermont Avenue          Munroe Falls, OH 44262          Phone: 330-688-2013          Email: <a href="mailto:hamfest2007@cfarc.org">hamfest2007@cfarc.org</a></p>	<p>Cuyahoga Falls, OH          Emidio &amp; Sons Party Center  <a href="#">48 East Bath Road</a>          Div: Great Lakes          Sect: Ohio</p>
21 Apr 2007	+	<p>Swap and Shop          Milford ARC  <a href="http://www.qsl.net/w8ydk">http://www.qsl.net/w8ydk</a>          Talk-In: 145.49 (PL 67 Hz) &amp; 146.52 simplex backup</p> <p>Contact: Rose Moore, KC8NQJ          PO Box 573          Highland, MI 48357-0573          Phone: 810-632-5174</p>	<p>Highland, MI          Milford High School  <a href="#">2380 Milford Road</a>          Div: Great Lakes          Sect: Michigan</p>
29 Apr 2007	+	<p>Athens County ARA  <a href="http://www.ac-ara.org/hamfest.html">http://www.ac-ara.org/hamfest.html</a>          Talk-In: 145.15 MHz</p> <p>Contact: Drew McDaniel, W8MHV          61 Briarwood Drive          Athens, OH 45701          Phone: 740-592-2106          Fax: 740-593-1837          Email: <a href="mailto:mcdanied@ohiou.edu">mcdanied@ohiou.edu</a></p>	<p>Athens, OH          Athens Community Center  <a href="#">701 East State Street</a>          Div: Great Lakes          Sect: Ohio</p>



**Central Michigan Amateur Radio Club  
Minutes of the Meeting ( March 2, 2007)**

The business meeting was brought to order by club president Roger Barnhill (AB8RX) at 7:30 p.m.

**Members**

18 members were present at the meeting.

**Visitors**

Lowell Hoyland KC8ARG  
Gloria Cote  
Art Cherkinsky WA8BMT

**Cards and Flowers**

Steve Dible W8CRH for the loss of his mother-in-law  
Mary Lou Tillitson after her hip replacement surgery

**Upgrades and New Licenses**

N/A

**Old Business**

The February meeting minutes were accepted as submitted. Moved by Don De Feyter (KC8CY) and seconded by Bernie Gaffney (N8PVZ)

Treasurer's report was read and accepted as written (subject to annual audit), moved by Bernie Gaffney (N8PVZ) and seconded by Rocky Beckner (K8DRB)

**New Business**

Field Day Information....(See Article page 5)

Ladies Night, will be held @ Delhi café May 5<sup>th</sup> @ 6:00 pm. You can choose your own menu and tip will be included on your check. It was also discussed that we take up a collection to help pay for plaque, flowers and cake.

**EVENT ANNOUNCEMENTS**

- Skywarn training will be March 31<sup>st</sup> at the LCC west campus from 10 a.m. to 4 p.m.
- MS Walk will be April 22nd, will start at Potter's Park, and will use the River Walk.
- March of Dimes walk will be April 28<sup>th</sup>.
- Ladies' Night will be May 5<sup>th</sup> at Delhi Café.
- Angel House walk will be June 16<sup>th</sup>.
- MS 150 Bike-a-thon will be July 14th and 15th.
- 2<sup>nd</sup> Annual Club Picnic @ Burchfield Park will be Saturday August 25<sup>th</sup>. More details to come.
- Run with the MSU Women's Basketball team will be on Sept. 2<sup>nd</sup> or 9<sup>th</sup>. (TBD).
- Hike for Hospice will be Sept. 16<sup>th</sup>.

50/50 collected \$19.15 The winner was Ron Harger (WD8BCS). He donated his half back to the club.

Meeting was adjourned at 7:54 p.m. Moved by Dick McGuire (K18C) and seconded by Bernie Gaffney (N8PVZ).

Following adjournment and refreshment time our program was on solar power by Bernie Gaffney (N8PVZ)



### 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

### 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

NAME: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ St: \_\_\_\_\_ 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.

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