

March 2007



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



NOTE: March 27 deadline for online registration to attend the March 31, 2007 Skywarn Storm Spotter Training at LCC's West Campus – See Page 9 for details.

Ziegenbein Nominations

Just a reminder, Ziegenbein nominations are due March 15th. The Ziegenbein committee, which selects the nominee to receive the award, consists of the last three recipients of it. They are Gregg Mulder/WB8LZG-chairman, Joe Denomme/N8VYS and Don DeFeyerer KC8CY. Please send all nominations BEFORE MARCH 15TH to Ziegenbein nominations: Gregg C. Mulder/WB8LZG; 7251 Saratoga Way, Dimondale, MI. 48821

Remember, the deadline for nominations is March 15th, 2007.

(Per Ziegenbein rules listed below).

1. The recipient must be a CURRENT member of CMARC.
2. Nominations are to be made in writing, in your own words, stating nominee's contributions to CMARC and Amateur Radio. No chain letters to be accepted.
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 chairman.
7. All nominations are to be closely checked and discussed by the committee.
8. If the committee feels the nominees are not deserving then the award does not have to be given that year.
9. Nominations are to be submitted BEFORE MARCH 15th so the committee can make the selection and have the plaque engraved.
10. The recipient will be announced at the annuals Ladies Night Banquet.

(The above rules were revised by Currin Skutt/W8FSZ and were submitted to the CMARC Board for their approval. The Board and membership approved the revised rules on October 6, 2000.)

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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 – New Location: Delhi Café on Willoughby Rd.
- 3. 539er's – Every Saturday – 8:00 AM – New Location: Penn Ave Diner on Pennsylvania Rd near Miller.

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 13 th	<u>March 10th</u>	May 12 th
July 14 th	September 15 th	November 10 th

Charlotte has their VE testing 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 10 th	<u>April 14th</u>	June 9 th
August 11 th	October 13 th	December 15 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 8 th	February 5 th	<u>March 5th</u>
April 2 nd	May 7 th	June 4 th
July 2 nd	August 6 th	September 3 rd
October 1 st	November 5 th	December 3 rd

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-	<u>April 19th</u>	July 19 th	October 18 th	January 17, 2008
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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 15 th	March 19 th	May 21 st	July 16 th	September 17 th	November 19 th
Even-	<u>February 19th</u>	April 16 th	June 18 th	August 20 th	October 15 th	December 17 th

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)

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.
- Tuesday evenings @ 8 pm the QCWA- Quarter Century Wireless Association holds it's net on the 146.700 repeater, 100Hz. PL You do not need to be a member. All check-ins are welcomed.
- Thursday evenings @ 7 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 147.48 simplex.

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

Birthdays

3/3 DeAnna Barnhill KD8BDI
3/4 Jim Harvey KA8DDQ
3/5 Roger Goodman KB8YQX
3/5 Bruce Rainey KC8ODP
3/5 Geraldine Fuller
3/23 Alton Stoddard KD8MB
3/23 Herbert A. Terbrack KB8QEZ
3/31 Paul Carpenter KB8YQW

Anniversaries

3/2 Ken (sk) & Geraldine Fuller
3/19 Ron (KB8MUN) and Jane Meddaugh
3/21 Doug (KC8TIQ) & Athena Warner

My Apologies for the birthdays I missed last month. Ralph Chapman WA8NHD 2/4, John (Herb) Marsh WB8CKA 2/13, Don McLain KB8RAD 2/14 and Julie McLain KB8ZXR 2/26.

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

Assets NuUnion Credit Union	
Primary Share Account (Humphries Fund)	\$353.10
Business Checking Account	\$983.06
NuUnion Certificate of Deposit 4.15% (02-13-07)	<u>\$1,651.74</u>
Net Worth January 31, 2007	\$2,987.90

Ron Harger WD8BCS 2007 Treasurer

FOR SALE or DONATION

Dr. Adam Gamon, K8ACF, is a retired physician who lives in Brant (a few miles from Chesaning). He has several Amateur antennas and tower segments he would sell at a reasonable price or perhaps donate to nonprofit groups.

The equipment includes:

- ✚ 40-ft. Spalding tilt-over tower.
- ✚ Tel Rex 20-meter full-sized antenna.
- ✚ Cushcraft 10-15-20-meter antenna.
- ✚ Rotor motor (never used): Tail-Twister.
- ✚ Rotor motor--same as above but only turns one way.

Those interested may call Dr. Gamon directly at (517) 585-3145, or to see pictures of tower contact Bill Cote', WD8NYW, at 484-0657.

March Key of the Month by Gregg Mulder WB8LZG



This month is a little code practice key and buzzer set by Calrad. It was made in Japan. This key was sold in the 60's and 70's by Lafayette radio and other mail order electronics parts supply outlets. The set was used widely in Boy Scouts for merit badges of the era. The set was inexpensive, but key handling while OK for a beginner, was poor at best to use at higher speeds. They are not rare but this one still has the original box, so it's of value to a collector. Next month we will get a look at a homebrew treat. 73's WB8LZG

2007 Club Officers

President	Roger Barnhill	AB8RX	517- 980-4798
Vice President	John Hosford	KC8QZB	517-699-2540
Secretary	DeAnna Barnhill	KD8BDI	517-505-1983
Treasurer	Ron Harger	WD8BCS	517-204-4897
Director	Jane Hosford	KC8FSK	517-699-2540
Director	Gregg Mulder	WB8LZG	517-646-6257
Membership	John Ingraham	NG8L	517-484-8027
Under 22 Director	Jordan Mulder	KC8QYU	517-646-6257
Scope Editor	DeAnna Barnhill	KD8BDI	517-505-1983
Web Chairman	John Ingraham	NG8L	517-484-8027
SkyWarn Chairman	Jim Hannahs	KC8QWH	No #
Awards Manager	Don De Feyter	KC8CY	517-641-4533
Zieg. Nom.	Pam Denomme	KB8PSF	517-589-5868
VE Team Liaison	Laurence Nordeen	N8VEN	517-676-1799
VE Team Contact	Joseph Denomme	N8VYS	517-589-5868

Upcoming Hamfests

- 17 Mar 2007 -Michigan Crossroads Hamfest
Southern Michigan ARS & Marshall High School Industrial Arts Club
<http://www.w8df.com>
Talk-In: 146.660; 146.520 simplex
Contact: Billy Booth, KD8CDS
4 Cinderella Circle
Springfield, MI 49015
Phone: 269-965-1415
Email: sqjumper@aol.com
- Marshall, MI
Marshall High School
[701 North Marshall Avenue](http://www.marshallmi.org)
Div: Great Lakes
Sect: Michigan
- 18 Mar 2007 -Hamfest and Computer Fair
Toledo Mobile Radio Association
<http://www.tmrahmradio.org>
Talk-In: 147.27+ (will be in net mode - no tone needed)
Contact: Brian Harrington, WD8MXR
4463 Holly Hill Drive
Toledo, OH 43614
Phone: 419-385-5624
Email: bharrington@meduohio.edu
- Maumee, OH
Lucas County Recreation
Center
[2901 Key Street](http://www.lucascountyohio.org)
Div: Great Lakes
Sect: Ohio

To All Lady Hams

The Auto State Young Lady's (TASYL)s will have their annual meeting in March at the Marshall Hamfest. Dues are five dollars a year to join and we'd really like to see you there. Any Questions please feel free to contact me at janelaw54@yahoo.com or 517-699-2540

Thanks
TASYL President
Jane Hosford - KC8FSK

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

The business meeting was brought to order by club president Roger Barnhill (AB8RX) at 7:32 p.m.

Members

22 members were present at the meeting.

Visitors

Ruth Hinkle
Barb Hosford
Gloria Cote
Art Cherkinsky WA8BMT
Dave Hayhurst K8QH
Jamie Kahler

Cards and Flowers

Card sent to Julie Mclain

Sick or in Hospital

N/A

Upgrades and New Licenses

N/A

Old Business

The January meeting minutes were accepted as submitted. Moved by Bernie Gaffney (N8PVZ) and seconded by Don Cote (KD8BD).

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

New Business

Ziegenbein Nominations are now open.
Bill Cote will be working on assembling a written history of the club.
Dan Harger has vacuum tubes for sale.
Bernie Gaffney has a laptop and lcd monitor for sale.

EVENT ANNOUNCEMENTS

- MS Walk will be April 22nd, will start at Potter's Park and use the River Walk.
- March of Dimes walk will be April 28th.
- Angel House walk will be June 16th.
- MS 150 Bike-a-thon will be July 14th and 15th.
- Skywarn training will be March 31st at LCC's west campus 11 a.m. to 4 p.m.
- Ladies' Night will be May 5th at Delhi Café.
- 2nd Annual Club Picnic @ Burchfield Park will be Saturday August 25th. More details to come.
- Run with the MSU Women's Basketball team will be on Sept. 2nd or 9th. (TBD).
- Hike for Hospice will be Sept. 16th.

Meeting was adjourned at 7:57 p.m. Moved by Rocky Beckner (K8DRB) and seconded by Bernie Gaffney (N8PVZ). A fine program by Dave Hayhurst (K8QH) on the MPSCS followed adjournment and refreshment time.

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## Julie Andrews turns 69

To commemorate her 69th birthday on October 1, actress/vocalist, Julie Andrews made a special appearance at Manhattan's Radio City Music Hall for the benefit of the AARP. One of the musical numbers she performed was "My Favorite Things" from the legendary movie "Sound Of Music".

Here are the lyrics she used:

Maalox and nose drops and needles for knitting,  
Walkers and handrails and new dental fittings,  
Bundles of magazines tied up in string,  
These are a few of my favorite things.

Cadillacs and cataracts and hearing aids and glasses,  
Polident and Fixodent and false teeth in glasses,  
Pacemakers, golf carts and porches with swings,  
These are a few of my favorite things.

When the pipes leak,  
When the bones creak ,  
When the knees go bad,  
I simply remember my favorite things,  
And then I don't feel so bad.

Hot tea and crumpets and corn pads for bunions,  
No spicy hot food or food cooked with onions,  
Bathrobes and heating pads and hot meals they bring,  
These are a few of my favorite things.

Back pains, confused brains, and no need for sinnin', (slightly edited for content)  
Thin bones and fractures and hair that is thinnin',  
And we won't mention our short shrunken frames,  
When we remember our favorite things.

When the joints ache,  
When the hips break,  
When the eyes grow dim,  
Then I remember the great life I've had,  
And then I don't feel so bad.

(Ms. Andrews received a standing ovation from the crowd that lasted over four minutes and repeated encores.)





# Advanced Storm Spotter TRAINING with

The National Weather  
LANSING COMMUNITY COLLEGE  
WEST CAMPUS

*Sanders Rd. at Cornerstone Drive, Lansing*

[http://www.lcc.edu/maps/pdf/west\\_campus.pdf](http://www.lcc.edu/maps/pdf/west_campus.pdf)

## Skywarn and Increased Verification of Thunderstorms

*Michael Heathfield, NWS*

*Ted Fujita and the Development of the F-Scale*

*Kazuya "Kaz" Fujita*

<http://www.msu.edu/~fujita>

*Son of Tetsuya "Ted" Fujita Fujita Creator of the Tornado "F" Scale*

<http://www.fujita.msu/~fujita/tornado/ttfujita>

**March 31, 2007**

**10:00 am – 3:00 pm**

**Doors Open at 9:30 AM**

Register Early – Attendance is limited to 150

**No Admission**

**Lunch provided to pre-registered attendees Courtesy of  
LCC's Human, Health and Public Service Continuing Professional Education  
and the**

**LCC Police & Public Safety Departments.**

**[Register online before March 27, 2007](http://dtacs.w8rq.com/skywarn/)**

<http://dtacs.w8rq.com/skywarn/>

Due to limited space, please do not register unless you plan to attend  
Attendees must complete the entire class for certification

**MICHAEL HEATHFIELD** is the Warning Coordination Meteorologist (WCM) at the National Weather Service (NWS), Weather Forecast Office (WFO) in Grand Rapids (GRR), Michigan. Mike is responsible for coordinating warnings and forecasts across certain County Warning Areas (CWA) with emergency management (EM), the media and public in general. Mike also serves as the NWS liaison for interactions with State of Michigan agencies.

In 1975, Mike began his career as an Air Force weather observer in Heidelberg, West Germany. He continued to work for the military as a civilian in Del Rio, Texas and Troy, Alabama respectively until 1982. Mike joined the NWS in 1983 as a meteorological technician in Waycross, GA. Before moving to Grand Rapids, Mike spent 5 years at NWS Headquarters in Silver Spring, MD working with the team that developed the Advanced Weather Interactive Processing System (AWIPS). From 1989 to 1992 he was a senior forecaster in Cleveland, Ohio. Mike also served as a journeyman forecaster in Topeka, Kansas 1985 to 1989.

With the Air Force Reserve since 1979, Mike has served two active duty tours. He is Staff Weather Officer (SWO) to the 5th Army headquartered at Ft. Sam Houston, Texas. The 5th Army provides Military Support to Civilian Authorities (MSCA) when natural disasters strike.

Mike often provides weather forecasts for Department of Defense assets that deploy for various operations around the country including responding to hurricane, flood, fire weather, earthquake or Chemical, Biological, Nuclear, Radioactive or High Explosive events. During hurricanes Katrina, Ophelia and Rita, Mike was activated as the Joint Meteorological Officer in his military role.

Mike is married with three adult children and holds an Associate Degree in weather technology from the US Air Force Community College and a bachelor in Mathematics from Troy State University, Alabama. He has done graduate work at the U. S. Department of Agriculture graduate school.

**KAZUYA FUJITA, Ph.D.** is the son of Tetsuya Theodore (Ted) Fujita, known as Mr. Tornado, who passed away in 1998. This [link](#) provides a short biography on [Ted](#). Kaz is a specialist in the tectonics of northeast Russia and has taught for the Department of Geological Sciences at Michigan State since 1979. Both his bachelor's (mathematics) and doctorate (geology) are from Northwestern University. He has been involved in cooperative seismological and tectonics research with research institutes in Siberia since 1990. He also investigates reports of earthquakes throughout Michigan and tornadic events in the Lansing local area. Kaz works closely with K-12 Earth Science teachers in the state and was part of the group that developed the new high school science standards for Michigan. He has received awards for excellence in teaching from the MSU College of Natural Sciences and the Michigan Earth Science Teachers Association. He is slowly sorting through his father's materials to prepare them for final archiving at Texas Tech University.

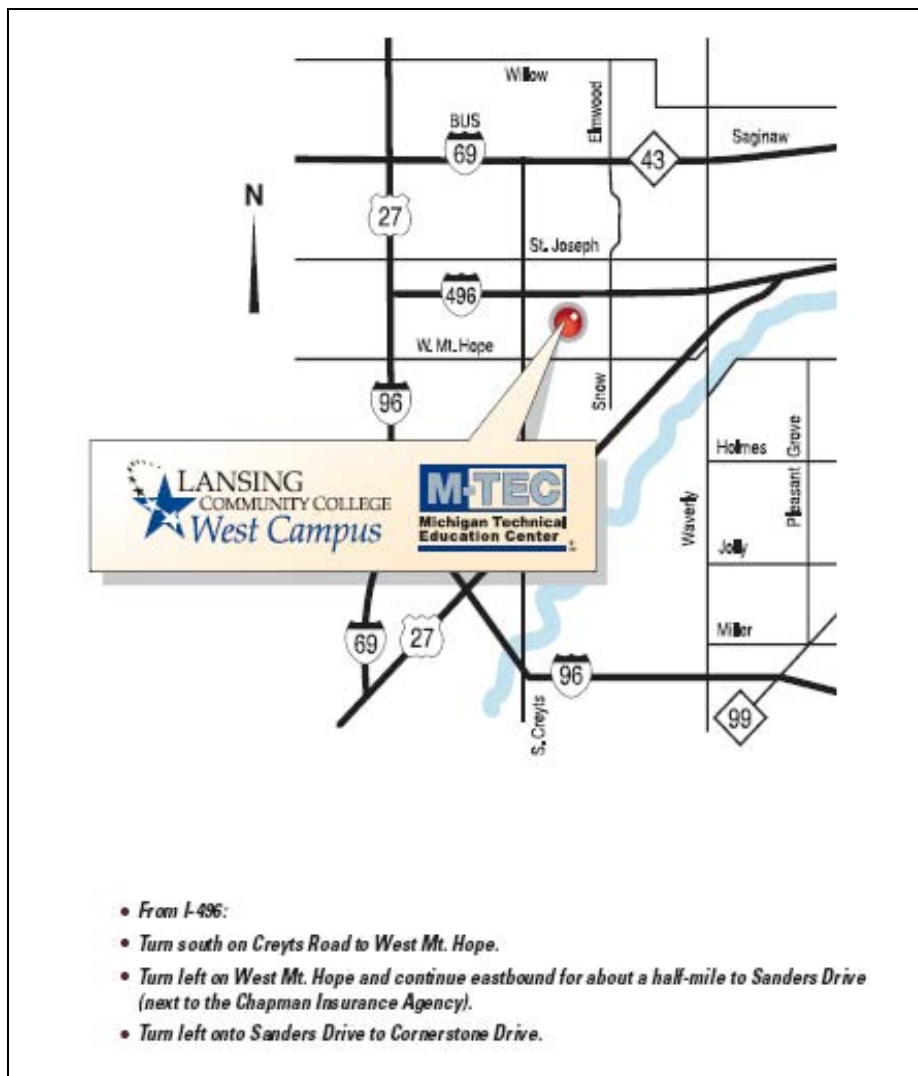
**Lansing Community College West Campus** is a 260,000 square-foot academic workforce development center that is the home of more than 30 LCC programs. The facility is located in Delta Township at Sanders Road and Cornerstone Drive.

#### Directions

##### **From I-496:**

- Turn south on Creyts Road to West Mt. Hope.
- Turn left on West Mt. Hope and continue eastbound for about a half-mile to Sanders Drive (next to the Chapman Insurance Agency).
- Turn left onto Sanders Drive to Cornerstone Drive.

For help with directions or any other questions related to West Campus, please contact the West Campus Welcome Center at (517) 267-5452 or e-mail [wc\\_info@lcc.edu](mailto:wc_info@lcc.edu).





## **Skywarn Notes**

With Skywarn Storm Spotter training being offered on Saturday, March 31, this would be a good time to review SKYWARN procedures that have been established to help maintain a quality and efficient net that will best serve the National Weather Service, other agencies, and our local communities. Spotters are encouraged to follow the following net operating guidelines:

1. **Direct all traffic to the Net Control Operator.** The Net Control Operator directs the Net's activities, coordinates spotters, forwards reports, and announces National Weather Service statements.
2. **Be aware of the situation.** Always listen to the reports of other spotters. If what you are experiencing is of less priority than what is occurring in another area, then please yield the frequency to the spotters with the most urgent reports.
3. **Keep transmissions as brief as possible.** This keeps the frequency open for others to use. As always, reports with the most priority should have the most use of the frequency.
4. **Do Not report general phenomena that is always associated with thunderstorms,** such as rainfall, lightning, thunder, etc. Such reports are unnecessary and take up time on the air, possibly preventing more important reports from being passed.
5. **Only report severe weather related observations** that are described in training and supplemental materials. These reports are essential vice during severe weather events.
6. **Be as accurate as possible.** Use proper measurements such as 1/4 inch or pea size, 3/4 inch or dime size, one inch or size of a quarter, golf ball size, etc. When estimating wind speeds, use the following tips from the National Weather Service's Spotter's Guide:
  - a) 25-31 mph: Large branches in motion; whistling heard in telephone wires
  - b) 32-38 mph: Whole trees in motion; inconvenience felt walking against wind
  - c) 39-54 mph: Twigs break off trees; wind generally impedes progress
  - d) 55-72 mph: Damage to chimneys and TV antennas; pushes over shallow rooted trees
  - e) 73-112 mph: Peels surface off roofs; windows broken; light trailer houses pushed or overturned; moving auto mobiles pushed off roads
7. **Be sure to check out if away from your radio.** This is important as Net Control counts on you being where you say you are. If something is happening in your area and you have not checked out, Net Control has no idea if something may have happened to you due to the weather.

## **ADDITIONAL TIPS**

- The first sign of a tornado may not be a funnel at the cloud base. Your first clue may be debris or dust at the surface, so be alert to events at ground level, as well as in the clouds.
- At night, lightning flashes can aid in identifying the Rain Free Base, Wall Cloud, and Precipitation Area. Although a loud roar is frequently associated with a tornado, strong straight-line winds can also produce such a sound.
- If you spot from a fixed location, use a map to determine distances and directions to known land marks such as water towers, TV towers, etc. This will help you estimate distance and direction in your reports. Mobile spotters should always have up-to-date maps and be familiar with the area in which they are operating.
- When available, use binoculars to look for rotation and other cloud features. Once you spot a funnel, tornado, or wall cloud, be alert for the formation of others in the area.
- If you find yourself in large hail, remember you are in or near the area where tornado formation is most likely in a tornadic thunderstorm.
- Always follow the basic safety rules. In open country, a spotter may be able to use his knowledge of the tornado's motion and available escape routes to drive away from the tornado safely. In urban areas this is usually not possible because of traffic congestion. Make certain your family knows what to do in tornado emergencies as you may not be available to assist or direct them. When severe weather is occurring and a SKYWARN Net is in operation, please reserve the frequency for the use of TRAINED spotters (unless there is an out-side emergency). This assures the accuracy of the reports. Trained spotters in the field provide a valuable service to the National Weather Service.



## 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: \_\_\_\_\_ Call: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

City: \_\_\_\_\_ St: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_ Lic. Class: \_\_\_\_\_

ARRL Member: Yes No (Circle Answer)

Email Address: \_\_\_\_\_

Birthday: Month: \_\_\_\_\_ Day: \_\_\_\_\_

Wedding Anniversary: Month: \_\_\_\_\_ Day: \_\_\_\_\_

Full Membership: \$10.00 / year Membership dues are from January to

Associate Member: 5.00 / year December.

As a licensed Amateur, you can sign up today as a Full member of CMARC. This grants you voting and other rights such as an annual subscription to the SCOPE newsletter. An Associate 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 70052  
Lansing, MI 48908

NAME: \_\_\_\_\_ Call: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

City: \_\_\_\_\_ St: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_ Lic. Class: \_\_\_\_\_

Birthday: Month: \_\_\_\_\_ Day: \_\_\_\_\_

Wedding Anniversary: Month: \_\_\_\_\_ Day: \_\_\_\_\_

Full Membership: \$15.00 / year Membership dues are from January to December.

Associate Member: 7.50 / year

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