



Central Michigan Amateur Radio Club

# THE SCOPE



Lansing Civil Defense Repeater Association

centralmiarc.com

Serving Our Community Since 1921

lcdra.com

## Radio presentation at CMARC meeting!



At our September 10th CMARC meeting we were treated to a radio presentation from Dan Harger (W8BCI,) Don Tillitson (WB8NUS,) and Jim Harvey (KA8DDQ.)

They discussed the beginnings of the repeaters in our area, providing us with great insight into our radio past here in the Lansing area. Thank you for the interesting and informative radio history lesson!

(If you have more photos of this presentation, please submit them to: [cmarcscope@hotmail.com!](mailto:cmarcscope@hotmail.com))

## CMARC's first CW classes are over!

Time just flew by for those taking the CW class, lead by Tom Rocheleau (WA8WPI.) Each week we enjoyed fellowship and fun while learning Morse Code with our fellow HAM's.

Tom is considering offering this class again in the future so be sure to let him know you are interested!

Thanks Tom!



## *Scoping out the SCOPE*

Find out who has a love for cars and an interest in driving for NASCAR!

**What's My Sign?**

Page 2

Missed the October 2<sup>nd</sup> repeater tour?

Flip to page 7 for pictures!

Ladies of CMARC

See page 9 for information on the next Ladies Tea Time Directory!

Read page 11 to learn about two great volunteer opportunities!

**October/November 2010**

# What's My Sign?

By: Julie McLain KB8ZXR

I was born on May 19, 1974 in Caro, Michigan and have one brother. Even though he's three years younger than me, for many years people thought we were twins. When I was born, my Dad was the Assistant Pastor at the First Baptist Church in Caro and my Mom was a homemaker and his "help-mate". Because my Dad was in the ministry we moved around a lot, living in Caro, Port Huron, East Detroit and finally ending up in Lansing. Today, my Dad is the Senior Pastor at Colonial Village Baptist Church where my parents have served for 22 years, him 8 years as Pastor of Christian Education and 14 years as Senior Pastor, and Mom as the church Secretary.

Growing up I played softball, ran track, sang in choirs, played the piano, and also participated in musicals and plays. In 1992 I graduated from Lansing Christian High School and then went on to attend Lansing Community College (1995), where I got an Associates degree in "Secretarial/Word Processing in Technology". This was designed for the GM secretaries, so I took CAD and other manufacturing classes as well as the typical "secretarial" classes. I was also a collegiate member of the AMA (American Marketing Association). I went on to attend the William Tyndale College (formerly Detroit Bible College), graduating in 1998 with four degrees (BA in Business Administration, AA in Liberal Arts, AA in Christian Thought, and AA in Music).

My husband and I met on a blind date that was set up by a girlfriend from college and another friend of mine from church. (My college friend just happened to be my husband's sister!) Anyway, my two friends began talking together and thought that my husband-to-be and I were perfect for each other and decided we should meet. Well, we hit it off and on August 12, 2006 we got married. I work as a "Trip Accountant" for Educational Tours, Inc. in Holt, where we plan and execute trips for school groups such as bands, choirs, orchestras, honor societies, class trips, etc. Besides Amateur Radio, some of my other hobbies include traveling, stamping cards, photography, learning to crochet, playing the piano, and singing. Each spring, kids and adults from our church make and race their own Grand Prix (pine wood) derby cars. I love using the power tools and being creative. This year I made a car that looks like an HT! My Dad used to be part of a drag-racing team when he was younger, and his love of cars rubbed off on me. I've done the "Richard Petty Driving Experience" twice as a "ride-along" and wouldn't mind driving myself one day!!

My husband was already a Ham when we met and my interest in Amateur Radio began as I watched and listened to him talk on the radio. Then, shortly after I began checking into the Ladies Tea Time Net "Third Party" on my husband's Callsign, I was hooked!! I began attending the 7 weekly Technician classes taught by Tom Rocheleau/WA8WPI and on December 1, 2009 I tested at the Ingham County VE Group's session and got my Technician License! My husband recently bought me a "Yaesu FT-2800M" radio for my car and you can usually hear me out on the 145.39 repeater. My husband and I are both CMARC members and have attended the recent classes Greg Mulder/WB8LZG has been teaching. We've also started taking the CW classes that Tom Rocheleau/WA8WPI is teaching every Tuesday night. It's funny to think that when I was younger, I heard friends and missionaries talk about Ham Radio and always thought of it as a "primitive" type of communication that people only used in remote parts of the world—surely not something anyone in the USA used. Boy was I wrong!

When Julie asked me if I had any words of wisdom I'd like to pass on, I responded with a couple of quotes from T. H. Thompson and John Watson: "Be kinder than necessary, for everyone you meet is fighting some kind of battle" and "A smile costs nothing but gives much. It takes but a moment, but the memory of it sometimes lasts forever."

There, now that we've become a little better acquainted, "What's My Sign?" My Callsign is WA2NVK and my name is Shannon Ranes. My husband is Chris/KC8CAJ. I was licensed as KD8MOH but through the Vanity program, I was able to get my great-grandfather's Callsign in April 2010.

If you know of someone who would make a good What's My Sign Candidate, contact Julie McLain (KB8ZXR) at 517-694-0812 or email [kb8zxr@aol.com](mailto:kb8zxr@aol.com)

# Bits N Bytes...First Look



## Birthdays

10/5 James Lakin W8JRL  
10/13 Jane Hosford KC8FSK  
10/14 Don Devendorf W8EGI  
10/14 Robert Mann WD8OEV  
10/18 Michelle Bates  
10/20 Greg Sprout KD8ICK  
10/20 Jeri McMillan  
10/20 Keith Watson KD8ICJ  
10/28 Tom Nash KC8SKL

## Anniversaries

10/2 John Crawford  
10/4 Mike Holcomb WA8KZY  
10/9 Don KD8BD and Gloria Cote  
10/14 Dennis Kelly N8OMT  
10/14 Phillip Dowker KC8FXS  
10/25 Joe N8VYS & Pam KB8PSF Denomme  
10/31 Charles Shawnee N8CYY



## Birthdays

11/01 Daniel Beuchert (WX8MOJ)  
11/08 Bill Mathews (KB8TTS)  
11/10 Deborah Frank(KC8YQH)  
11/15 Randall Stortz (K8VY)  
11/15 Bill Wing (W2PMH)  
11/18 Roger Barnhill(AB8RX)  
11/18 Marvin Sommer (WB8OIP)  
11/20 Arnold McCardell (KI8AJ)  
11/24 Bernie Gaffney(N8PVZ)  
11/24 Don Tillitson (WB8NUS)  
11/25 Vera Gould  
11/28 Christina Shasteen

## Anniversaries

11/01 Douglas Goodrich  
11/08 Erv Bates & Laurie  
11/09 James (KC8QWH) and Ginny(KD8HPG) Hannahs  
11/23 Greg Mulder (WB8LZG)  
11/24 Ronald (WA8RZY) and Linda

# WB8LZG Key of the Month



This months [October] Key of the Month is a special one just for the Halloween season. It's the only one like it I have ever seen, and affectionately called the "BAT KEY", because of the bat shape of the upper mechanical plate. I ran across this one at the Dayton Hamvention in 2006. I would have liked to take it home with me, but it would have required re-mortgaging the home! Just the kind of thing to scare the goblins out of those bad CW ops out there, and turn them into fleeing fists.

73, Gregg

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## Repeater Construction Update!



I had the privilege of working with Dan Harger (W8BCI) this past week, [09/16/10] and we went over to get the new feedline and antenna for the NEW WKAR tower, which is due to begin construction soon. We delivered the 8-bay antenna for some welding work, and then took the feedline to the repeater site in Okemos (all 550ft. of it!), where it will sit, awaiting installation when the new tower goes up.

73, Erv



Pictured above, CMARC Veep, Bob (K8RDN) secures the future 145.390 repeater antenna, in preparation for transport.

And for those who have never stood at the base of the Okemos repeater's WKAR location, it is a truly awe-inspiring view! [See photo at right!] Be careful not to fall over when you crane your neck to see the top!

# CMARC Meeting Notes

## CMARC BOARD MEETING ~ September 10, 2010

President Sharon/KD8HHK brought the meeting to order at 7:00 pm. with the following Board members in attendance: Vice President Bob /K8RDN, Treasure Jerry/KD8GLN Secretary John /KC8QZB, Director Don/KB8RAD. Excused were: Director Carl/K8YHH and Under 22 Director Corey/KD8BOQ.

Bob/K8RDN reported that Ron/WD8BCS said that he does not want to start anything for field day until he knows if he will be field day chair person.

The board discussed advertising in the scope. Don/KB8RAD made a motion for club members personal advertisement in the scope to run for three months and an advertisement for a company to run at \$5.00 per month for up to six months was made by Don/KB8RAD and 2nded by Gerry/KD8GLN and approved. Erv/W8erv reported that Jeff/KB8SXX is not happy that his ad was pulled from the scope. Erv/W8ERV said that this is a service that they are doing for the local hams. Erv/W8ERV stressed that Jan/KC8BFK and Jeff/KB8SXX have done a lot for the club in the past year. Sharon/KD8HHK said how about companies that benefit the club or the members of the club, that company could come to the board meeting and discuss advertising with the board. Don/KB8RAD moved to table the advertising until next month seconded by Sharon/KD8HHK and approved.

The Board meeting closed at 7:33 pm.

John/KC8QZB – Secretary

## CMARC MEETING MINUTES ~ September 10, 2010

President Sharon/KD8HHK called the meeting to order at 7:38pm. and welcomed both our members and those visiting with us tonight. We had a moment of silence in memory of our "Silent Keys".

**ATTENDANCE:** There were 51 people in attendance (38 members and 13 visitors). Our guests were: Ryan Fisher, Josh Bates, Joe/N8YCM, Adrina/KD8OQW, Paul/KD8OQU, Ken/KC8LTL, Dan/KD8OQV, Mary Tillitson, Ed/W8NRE, Jason Burk, Austin Burk, our speakers for the evening; Dan/W8BCI, Don/WB8NUS, Jim/KA8DDQ.

**NEW LICENSES, UPGRADES and VANITY CALLS:** Randy/KD8MOK upgraded to General.

**CARDS AND FLOWERS REPORT:** no cards and flowers to report this month

**INTERESTING DX CONTACTS:** Bob/R8RDN read a list of 11 dx contacts that is part of a list of contacts that have been made this month by Don/KC8CY, Erv/W8ERV to either chille or azors. Erv/W8erv said that the Buckmaster off center fed dipole is a killer antenna and he is closing in on 20 states since he put this antenna up.

**ANNOUNCEMENTS:** The next CMARC meeting will be on Friday, October 8th at 7:30 pm.

**OLD BUSINESS:** A motion to accept the December Secretary's Report as printed in the July SCOPE was made by Jim/KC8QWH, seconded by Ron/WD8BCS and approved.

**NEW BUSINESS:** Shannon/WA2NVK presented a card to Greg/WB8LZG on behalf of everyone that took Greg's "building classes". Sharon/KD8HHK reported that Don/W8EGI filled out a form to register out club with the state of Michigan once a year. The club needs someone to do this for the club. If there are any volunteers please contact Sharon/KD8HHK. Ron/WD8BCS reported that John/NO8T reported that we might have the pod for the entire field day next year(2011).

**UNDER 22 REPORT:** Don/KB8RAD reported for Corey/KD9BOQ reported that the MRAY net is going much better since going back to the Okemos 145.390 repeater. there is a live webcam during the MRAY net at mraynetwork.com.

**50/50 DRAWING:** John/NO8T won \$17.00 in tonight's drawing.

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

**MAIN PROGRAM AND/OR SPEAKER:** Dan/W8BCI, Don/WB8NUS, Jim/KA8DDQ were our speakers for the evening. They put on an interesting program on the beginnings of FM and repeaters in the Lansing area. With all business being concluded a motion to adjourn was made by Erv/W8ERV and 2nded by Gerry/KD8GLN, we adjourned at 9:23 pm.

John/KC8QZB – Secretary

## CMARC BOARD MEETING ~ October 8th, 2010

President Sharon/KD8HHK brought the meeting to order at 7:01 pm. with the following Board members in attendance: Vice President Bob /K8RDN, Treasure Jerry/KD8GLN Secretary John /KC8QZB, Director Don/KB8RAD, Director Carl/K8YHH, Excused were: Under 22 Director Corey/KD8BOQ. Also present was Dawn/KD8MWA and Dan/WX8MOJ.

Carl/K8YHH reported that he called Captain Norton of the Salvation Army at Erv's/W8ERV request and reports that we have permission to put up a 2nd tower. We do need a 2 m /70 cm antenna so that we can have people here during a storm or watch and it would be nice for Captain Norton to report that every time we have a storm, we have people here. Sharon/KD8HHK asked if it was possible to get the 2nd tower up yet this year. Carl/K8YHH said that it

would be nice if the 2nd tower was self supporting so that we would not have to fasten the tower to the building. Carl/K8YHH said that if we collectively get behind this that there is no reason that we can't do this and get the tower up. Carl/K8YHH also recommends that we get new seals and caps for the tri-band antenna. Don/KB8RAD made a motion that we find out what parts that we need for the tri-band antenna and buy them, seconded by Jerry/KD8GLN and approved. Carl asked where the 2nd tower would go. It was decided that there is not enough room on the north side of the air conditioners and that the 2nd tower should go on the south of the air conditioners on the west side of the building. Carl/K8YHH is going to check and see what kind of sheeting he can find to put on the towers to prevent climbing.

Sharon/KD8HHK would like to finalize the guidelines for ads in the scope. Carl/K8YHH said that sometimes you have to look at how many hams would benefit from it. It is not like he is going to be selling thousands of dollars of coax every month to local hams. If someone is willing to do something like that and it benefits the welfare of the club then Carl/K8YHH feels an exception should be made with regards to charging a fee to put an ad in the scope. There was discussion about creating a waiver form, if someone feels that they should be exempt from paying a fee to advertise in the Scope then they would fill out a waiver, send it to the CMARC board and the board could approve the waiver or not. Don/KB8RAD made a motion that any company which needs to advertise in the SCOPE for free (in lieu of the five dollar fee) needs to approach the board or fill out the waiver form and submit the form to the board and the would be approved or denied, seconded by JERRY/KD8GLN and approved.

With all business concluded, The Board meeting closed at 7:28 pm.

John/KC8QZB – Secretary

### CMARC MEETING MINUTES ~ October 8th, 2010

President Sharon/KD8HHK called the meeting to order at 7:35 pm. and welcomed both our members and those visiting with us tonight. We had a moment of silence in memory of our "Silent Keys".

**ATTENDANCE:** There were 33 people in attendance.

**NEW LICENSES, UPGRADES and VANITY CALLS:** Dan Burk/KD8OQV just past his extra.

**CARDS AND FLOWERS REPORT:** No cards and flowers to report this month.

**INTERESTING DX CONTACTS:** Ken/W8AAX made a contact with Thailand tonight on 30m at the CMARC club station.

**ANNOUNCEMENTS:** Greg/WB8LZ announced that there are two ham swaps next weekend, one in Holland and one in Kalamazoo. Also that sweepstakes is the first and third weekend in November. Greg/WB8LZG announced that he will be operation W8A on 10-12-2010 during the N8QCC sprint. Don/KB8RAD reported that there will be an open house at the national weather service in Grand Rapids tomorrow between 10am and 4pm.

**OLD BUSINESS:** Jim/KC8QWH made a motion to approve the minutes as printed in the September scope 2nded by Dan/W8BCI and approved. Ginny/KD8HPG made a motion to accept the treasurers report as printed in the September scope 2nded by Don/KB8RAD and approved.

Carl/K8YHH reported that he got permission from Captain Norton to put up a 2nd tower for the tribander, and that would be the ideal time to put up a 2m and a 70cm antenna. we do not have a lot of time for this so we need to move quickly or we will be working in the snow and ice. Don/KD8BD asked if there will be a long wire antenna. Carl/K8YHH said that after the 2nd tower is up a long wire antenna will not be a problem.

**NEW BUSINESS:** Dan/W8BCI reported that there was a nice group for LCDRA's field day. He also reports that they are going to do another field day, this time the studio's on WKAR's campus. Dan/W8BCI found an intermittent problem with the statewide link and repaired the problem with a relay contact.

Jim/KC8QWH reported that there was about 14 in the cw class at the beginning ranging in age from 14 to 67. They have enjoyed the class and there are 2 classes to go.

**UNDER 22 REPORT:** Don/KB8RAD reported that since the MRAY net moved back to the 145.390 repeater the check-ins have gone from 3 to 30 plus every time.

**50/50 DRAWING:** Jerry/KD8GLN won \$12.50 in tonight's drawing.

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

**MAIN PROGRAM AND/OR SPEAKER:** Jim/KC8QWH and Ginny/KD8HPG were our speakers for the evening. They put on an interesting program on Bleeding. With all business being concluded, Jerry/KD8GLN made a motion to adjourn 2nded by Wayne/W8QG. We adjourned at 8:58 pm.

John/KC8QZB – Secretary

**The next meeting date for the Central Michigan Amateur Radio Club will be on November 12<sup>th</sup> at 7:30 pm.**

## SCOPE Classified Section



For Sale: From SK estate of W8EKR Phil.

Complete ICOM system. ICOM 720a HF xcvr with CW filter and noise blanker, PS15 matching power supply, Matching speaker/phone patch, SM5 desk mic. Mobile mic, mobile mounting bracket. Some small scratches, but all FB operating condition. \$425 OBO

Kenwood TS 2000. HF/VHF/UHF. This is a brand new radio with all the bells n whistles. Also includes Heil HM-5 mic. Very nice condition. You can't go wrong at this price.\$1150

Kenwood TS830. HF rig with extra set of new 6146 finals. Very nice shape. \$350

Ameritron AL80b Desktop KW amp. 3-500z tube. Nearly new. FB condition. I have not tested this amp, but should be fine. Bargain priced \$700

Yaesu FT 990 HF rig. Built in Power Supply and built in Antenna Tuner. 250hz and 500hz cw filters. IF DSP. Comes with matching speaker SP6 with a Timewave DSP59y ,DSP unit built in the speaker. MD-100 desk mic. This is about as fine a HF radio made. Some small scratches, but overall in very nice shape. \$1000

Bencher Keyer Paddles BY-1 ?? Black base, Chrome top parts. with MFJ 422 keyer "built on" Nice key and keyer combo. Very nice shape. \$75

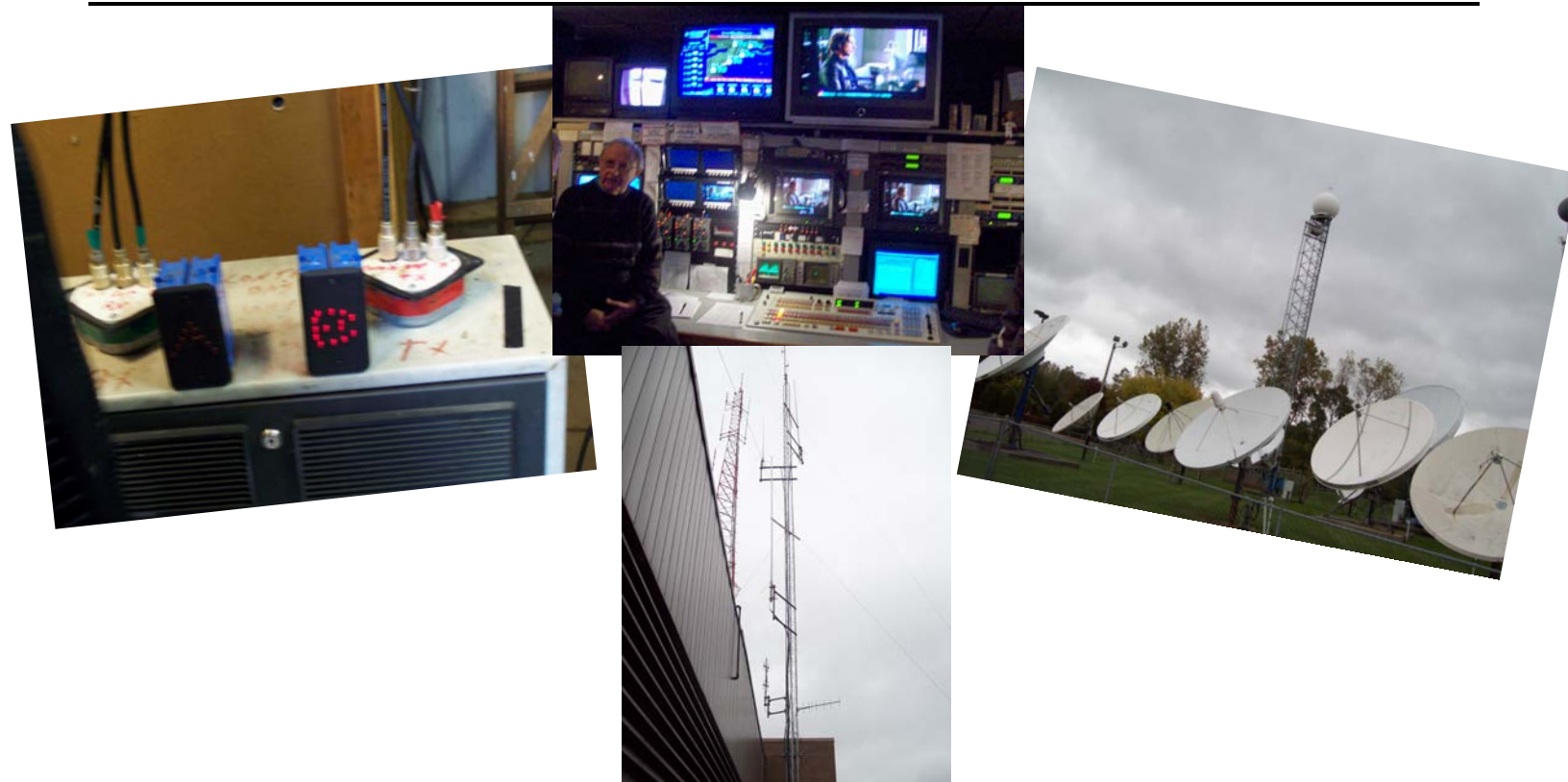
Cushcraft R7 40 -10m +WARC vertical. This antenna has been stored since shortly after purchase. In very nice shape with SS hdwr. \$150

**If you are interested in any of these items, please call Gregg Mulder (WB8LZG) at 517 646 6257 after 5pm**

**Need to sell or looking to buy HAM gear?**

**Send an email to: [cmarcscope@hotmail.com](mailto:cmarcscope@hotmail.com)**

**and let us know what HAM related goods you'd like to sell!**



### **October 2<sup>nd</sup> Repeater Field Day Tour:**

Dan Harger (W8BCI) took a small group of around to visit and talk about LCDRA's repeaters as well as tour the WILX TV station. Clockwise from left: The 145.39 repeater set to 'B', Dan behind the scenes at WILX, the satellite and antenna array outside the station, and the antennas on the roof of the Ingham Regional Medical Hospital.

# Ladies of CMARC News



## Tea Time Ladies' Days



### October

October 13<sup>th</sup> – Jane Hosford/KC8FSK's Birthday  
October 18<sup>th</sup> – Michelle Bates' Birthday

### November

Nov. 7—Terri Shaver (Tom/KC8NJK's wife) Birthday!  
Nov. 8—Laurie and Erv/W8ERV Bates' 24th Anniversary!  
Nov. 9—Ginny/KD8HPG and Jim/KC8QWH Hannahs' 42nd Anniversary!  
Nov. 13—Tammy/KD8GJF Hoyland's Birthday!  
Nov. 26—Tammy/KC8VEK and Doug/KC8VEJ Aves' 34th Anniversary!

## NO NOVEMBER LADIES LUNCHEON!!

Due to the upcoming holidays, we will be combining our November and December Ladies Tea Time Luncheons into a special Christmas Party!! We will be meeting on December 4<sup>th</sup> at 12:00 Noon at the Grovenburg United Methodist Church in Holt. Please see details below. Hope to see you all there!



*The special  
"Christmas Party"  
Edition of the Ladies  
Tea Time Luncheon will be from  
Noon until approximately 4 PM on  
Saturday, December 4th at Grovenburg  
United Methodist Church, 1368 Grovenburg  
Road, in Holt. We will be having a Potluck for dinner,  
Exchanging gifts, and playing Bingo. Please bring seven  
\$1 wrapped gifts for the Bingo prizes, one wrapped \$5 gift to  
Exchange, plus a dish to pass. To guarantee seating, please R S V P  
Ladies Luncheon Coordinator Julie McLain/KB8ZXR before Saturday,  
November 27<sup>th</sup>. Contact  
Julie at: 517-694-0812  
Or at [KB8ZXR@aol.com](mailto:KB8ZXR@aol.com)*



# Ladies of CMARC News - Continued

## Attention!! Calling all Ladies!!

I'm beginning work on a new 2011 Ladies Tea Time Directory and I really need YOUR help!! Just like our first directory, I'm inviting ALL Ladies in the greater Lansing area to join our little group, even if you DON'T have a Ham Radio License yourself. Many of our husbands are licensed and most likely, we have met each other at one time or another, whether it was at a Ham Radio meeting, Field day picnic, RAD's Coffee Break or some other get-together and this Directory is just one way for us to keep in touch. Also, there may be some Ladies reading this who have NEVER participated with us and are wondering if they can be part of our Ladies Tea Time group and the answer is YES!! We would most definitely love to have you join us!! Every Lady is welcome!

Okay, here's all you have to do. If you want to be included in the 2011 Ladies Tea Time Directory, just copy the info below, paste it on an email form, fill out all the info and email it back to me at KB8ZXR@aol.com. Once I have it compiled, I will email each of you a copy of the new directory for your own use. The deadline for all entries is December 1, 2010, so if you wish to be included, please don't put it off!! By the way, if you know of any other Ladies who might like to join us, please pass this on to them so they'll know what to do.

Name: First, Last and Callsign (if any)  
Street Address:  
City, State and Zip:  
Home Phone #:  
Cell Phone #:  
E-mail Address:  
Favorite Color:  
Hobbies:  
Birthday: (month, day and year)  
Anniversary: (month, day and year)  
Husband's: Name and Callsign



Thanks for your help! 73, Julie McLain/KB8ZXR, Ladies Tea Time Coordinator

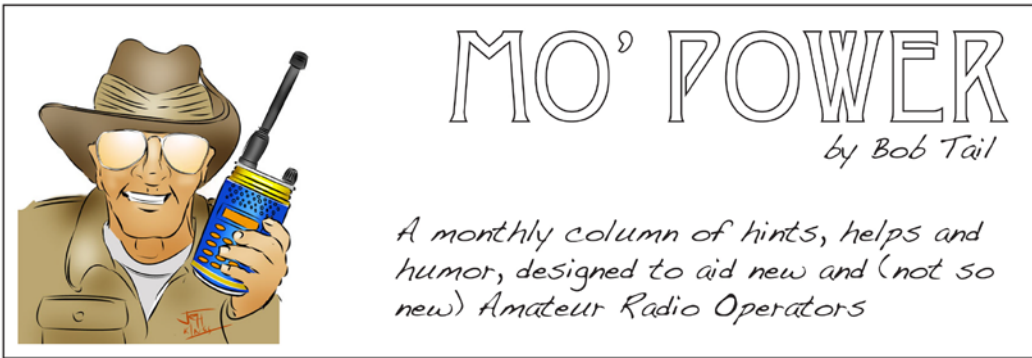
[Remember: The information in this Directory will ONLY be used for the Ladies Tea Time Net or for Luncheon invitations. Your e-mail will NOT be used to send jokes, stories, chain-letters or other SPAM (i.e. junk) The Directory is just for keeping us updated on our Ladies events and to keep us in touch with one another!]

It's Time To Get Radio Active....

Bring a Friend and Show Them What Amateur Radio Is All About!

Ham Radio...it's not just for grown-ups anymore!





G'Day Mates,

Well I happened to see an advert in one of the Hammy magazines the other day, and it almost set me blood to boilin it did. It would seem that in the course of advertising these days, that lying, making false claims, and cheating is becoming the "norm". The ad was for one of those "all band" verticals with no radials. Complete with testimonials from Joe Hamm on the "excellent signals and superior DX performance". The antenna is basically a simple trap vertical that stands about 25 feet tall, with loading coils and capacitors to give a low VSWR reading on all of the bands. The manufacturer also claims "full size  $\frac{1}{4}$  wave performance on all bands 80 metres through 10 metres. Well now, some quick arithmetic in me head says that a  $\frac{1}{4}$  wave aerial on 80m is approx 67 feet in length. I'd like to see the math behind how they "stretch 25 feet into 67 feet. That's not even the best part. The Mfr. claims that the "engineering behind this radiator gives it several db gain over the competition in independent tests". "pure bunkem" I say ! What was the "competition" ??? Loading up bed springs in the root cellar? Now I'm not saying that if you put a good radial system under this aerial that it wouldn't work. In fact, at the higher frequency bands where the true physical length does approach a  $\frac{1}{4}$  wave it may indeed work well. However on 40m and 80m to claim "full size performance" is simply not true. I'm a bit disappointed that any "self respecting" Hammy Rag would even allow such false advertising. But money and greed drive the wheels of the publishing companies, so I don't expect a change any time soon. Well a seasoned Ham may be able to recognize these sly claims and just ignore them, however a new ham such as our boy Ned Novice, may actually believe these fantastic claims.

Case in point. I went to the Hammy club meeting the other night. Indeed our boy Ned had also scanned the advert for this "WONDER AERIAL" in the hammy rag. He starts telling his mates that he might have to get one. After reading all the touted claims, Ned is convinced that his "Plain Old" regular trap vertical with 16 radials is just "chicken scratch" compared with this one. Neds friend Nil Current has heard enough and asks Ned if she may read about this aerial for herself. After only a few moment Nils face erupts in laughter." Thought I was reading the funny pages" she exclaims. Goes on to tell the other youngsters about the difference between dbd and dbi. Says that dbi is a measurement of gain in an imaginary isotropic radiator and that it's just for calculations. Says dbd is the measurement of gain compared with a real dipole antenna. Says to be suspect of anyone giving antenna gain figures in dbi. Couldn't have said it better myself. Of course her reputation preceeds her in mathematic prowess. "So these claims are not true?" asks Ned. "Not a single word" Nil replies. "Just remember, if it sounds too good to be true , it is." "Your plain old vertical will run circles around this one" she reassures Ned. "Save your hard earned pence for a new rig". Nil asks Ned what he's doing tomorrow, hoping he will ask her out for some fun. Ned replies " I think I'm gonna spade in some more radials on my vertical." Not exactly what Nil had in mind, yet she concludes that it will be fun helping Ned rather than chores at home, and says, "I'll be there after lunch then".

That Nil, she sure is a bright young Sheila. Our boy Ned doesn't know how lucky his is to be the apple of her eye. That reminds me of the old adage," the family that spades together, stays together" Hi Hi Till next month,

73, Bob Tail



## **Enjoy Volunteering? Check out these great opportunities to help out!**

### **Salvation Army's SATERN**

SATERN (Salvation Army Team Emergency Radio Network) provides emergency communication support to the Salvation Army wherever needed. And what a mind-boggling range of situations SATERN members have found themselves in tornadoes, floods, hurricanes, fires, aircraft accidents, bombings, earthquakes -- just to name the more expected types of emergencies.

SATERN volunteers have also helped quell urban violence, reduce the chaos of a Christmas party for thousands of inner city kids, feed street people during winter freezes, and direct parking-lot traffic at major events.

SATERN volunteers establish health-and-welfare nets, pass messages between field workers and their respective command posts, string up dipoles and operate from emergency generators. They also have been known to unload trucks of ice, deliver a motorized canteen to earthquake ravished Kobe, check on the welfare of vulnerable elderly in a mega heat wave, and prepare sandwiches and hot coffee for firefighters battling an extra-alarm blaze in below-zero weather. In short, SATERN is not your ordinary radio club! If you are an amateur radio operator and you want to help others when emergencies occur, please join us!

Check out: [www.satern.org](http://www.satern.org) for more information and also to sign up!

\*\*Excerpt taken from [www.satern.org](http://www.satern.org)\*\*

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### **Lansing Area/Ingham County ARPSC**

The Lansing Area/Ingham County Amateur Radio Public Service Corps is a volunteer emergency communications group. The group is organized under the ARRL Amateur Radio Emergency Service (ARES), and the FEMA-administered Radio Amateur Civil Emergency Service (RACES). R.A.C.E.S. groups are chartered by local governments; the Lansing Area group is sponsored by, and has formal working relations with, the City of Lansing Emergency Management Division, and the Ingham County Sheriff's Department.

If you are interested in attending a Lansing ARPSC meeting, the next one will be held at 7:00 p.m. on December 20<sup>th</sup> at the Ingham County Sheriff's Department in Mason.

There is also a net held on the 145.39 repeater every Monday (except for meeting nights) at 7:00 pm that everyone is welcome to check in to as well!

Visit [www.lansingarpsc.com](http://www.lansingarpsc.com) for more information.

# Local & Special Interest News

## CMARC TREASURER'S REPORT

### September 2010 Treasurer's Report

Primary Share Acct. (Humphries Fund)	\$ 55.01
Business Checking	\$1970.03
NuUnion Certificate of Deposit (3/10/09)	\$1023.07
Net Worth	\$3048.11
Youth Fund Balance* (as of 02/28/10)	\$ 189.22
Building Fund* (Club Station)	\$ 9.09

*\*separate from CMARC Funds*

### October 2010 Treasurer's Report

Primary Share Acct. (Humphries Fund)	\$ 55.02
Business Checking	\$ 1987.53
NuUnion Certificate of Deposit (3/10/09)	\$ 1024.04
Net Worth	\$ 3066.59
Youth Fund Balance* (as of 02/28/10)	\$ 189.24
Building Fund* (Club Station)	\$ 9.09

*\*separate from CMARC Funds*



*Submitted,  
Jerry Waite, KD8GLN  
CMARC Treasurer*

## Check it out!

Thursdays at 8:00 pm on the 145.39 repeater is the **Michigan Radio Amateur Youth (MRAY) Net**.

Despite the name everyone of ALL ages has the opportunity to check in and speak on this net.

In and out check-ins are taken first from all then the youth get a chance to get on the air. Later in the net Corey (KD8BOQ) or whomever is net control opens up the net to all.

Please drop by to show your support for our youth hams! Even an in and out check in is appreciated if you can't stick around to chat.

## Weekly Nets in the Greater Lansing Area

*Nets are a great way to learn organized communication, as well as to meet and get to know your fellow Hams. The Lansing area offers many Nets and they are listed below. Please feel free to check into one, or ALL of them...and everyone is welcome!*

**Weekdays 7am (Monday through Friday) - Breakfast Club.** Join Don (KB8RAD) for a daily wakeup net on the 145.390 repeater, as you travel to work (or from).

**Sunday 9:00pm - Central Michigan Slow scan Net.** Join Carl (K8YHH) on the 145.390 for lots of fun!

**Monday 7:00pm - ARPSC Net.** Don (KB8RAD) welcomes one and all for this weekly Net on the 145.390 repeater. The purpose of the Net is to learn proper etiquette for a controlled Net. (NO NET ON MEETING NIGHT)

**Tuesday 7:00pm - Ladies' Tea Time Net.** Julie (KB8ZXR) is your hostess and all Lady Hams and Lady Non-Hams are encouraged to drop in. Of course, for the Lady Non-Hams, a licensed operator would need to check in with you, but it's lots of fun. Guys are welcome, too and we are on the 145.390 repeater. See you there!

**Tuesday 8:00pm - QCWA Net.** Your Net Control is Don (WB8NUS) and all licensed Amateurs are welcome to stop in to the 146.700 repeater and say hi.

**Wednesday 8:00pm - Central Michigan Information Net.** Join Don (KB8RAD) for this weekly gathering on the 145.390 repeater. All are welcome to attend.

**Thursday 8:00pm - Michigan Radio Amateur Youth (MRAY) Net, with Corey (KD8BOQ).** This net starts out taking only youth check ins and then later opens up to EVERYONE! Drop by and show your support for our youth hams.

*As with all Nets, 3rd party check-ins are welcome, but must have Control Operator present at check-in time.*



# VE Testing & Special Announcements

## Lansing V.E. Testing Session #2

Ingham County Sheriff's Department - Mason

Our new location is easy to find-just take US127 South to the N. Cedar St. Exit #66 and turn Left. Go South on Cedar, then turn left onto Curtis St. (between A&W and Subway.) Follow it back to the Ingham Co. Sheriff's Office parking lot on the left and follow the sidewalk to the left wing of the building to the "Training Center" door. The Exams will be held in the Sgt. Cole Training Room at the end of the hall and we'll have VE Exam Signs posted for extra help.

Registration starts at 10:30am and testing starts shortly thereafter on the following date: **Saturday, November 13<sup>th</sup>, 2010**

### The 2010 CMARC & LCDRA Boards

The SCOPE is published by the CENTRAL MICHIGAN AMATEUR RADIO CLUB in association with the LANSING CIVIL DEFENSE REPEATER ASSOCIATION.

#### Our CMARC Officers:

President: Sharon Waite-KD8HHK	ph: (517) 882-5406
Vice President: Bob Berger-K8RDN	ph: (517) 882-0370
Secretary: John Hosford-KC8QZB	ph: (517) 699-2540
Treasurer: Jerry Waite-KD8GLN	ph: (517) 882-5406
Director: Donald McLain-KB8RAD	ph: (517) 694-0812
Director: Carl Canfield-K8YHH	ph: (517) 755-6627
Under 22: Corey Bullock-KD8BOQ	ph: (517) 930-2372
Cards/Flowers: Jane Hosford-KC8FSK	ph: (517) 699-2540
Mem. Chmn.: John Ingraham-NG8L	ph: (517) 230-9445
Photographer: J. Ervin Bates-W8ERV	ph: (517) 908-6739
Club Contact: Donald McLain-KB8RAD	ph: (517) 694-0812
Building Coordinator: Dan Beuchert-WX8MOJ	ph: (517) 604-1379
QSL/ Awards Mgr.: Don DeFeyer-KC8CY	ph: (517) 641-4533
Scope Editors: Dawn Beuchert-KD8MWA	ph: (517) 525-1348
Dan Beuchert-WX8MOJ	ph: (517) 604-1379

**\*\*email address: [cmarcscope@hotmail.com](mailto:cmarcscope@hotmail.com) \*\***

**Meetings: 2nd. Friday of every month at the Salvation Army-Capital Area, 701 W. Jolly Road, Lansing at 7:30pm. Board Meeting begins at 7:00pm. Club Calls: W8MAA & W8PLP**

**Deadline for articles: 20th. of month.**

### The 2010 LCDRA Board

#### Our LCDRA Officers:

Pres: Daniel Harger-W8BCI	ph: (517) 882-8784
Vice Pres: Don Tillitson-WB8NUS	ph: (517) 321-2004
Secretary: John Imeson-N8JL	ph: (517) 663-1358
Director: Dennis 'Rocky' Beckner-K8DRB	ph: (517) 230-4995
Director: Donald McLain-KB8RAD	ph: (517) 694-0812
Director: Jim Harvey-KA8DDQ	ph: (517) 882-5796
Treasurer/Memb. Chair-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: WB8CQM

Meetings: Quarterly on the third Thursday of the month, beginning at 7:00pm. Meetings are held at Fire Station #8, corner of Marshall and Grand River, in Lansing, MI.

### Eaton Co. ARC

**Saturday, December 11<sup>th</sup> - 12pm**

Eaton Co Sheriff Dept-EOC,  
1025 Independence Blvd.  
Charlotte, MI 48813

Contact: John A. Dewey (NY8Q)  
phone: (517) 645-2378

### Shiawassee ARC

**Thursday, December 23<sup>rd</sup> - 6:30pm**

American Red Cross,  
702 Corunna Avenue  
Corunna, MI 48817

Contact: Thomas Carpenter  
(KI8AS) phone: (517) 579-0599

### Lansing VE Session #3

**Thursday, December 2<sup>nd</sup> - 7pm**

Ingham Co. Sheriff's Office  
Curtis St. Mason, Training Center  
Sgt. Cole Training Room  
(Lansing VE Team)

Contact: Don McLain (KB8RAD)  
phone: (517) 694-0812



Lansing, Michigan 48909-7321  
P.O. Box 27321  
Central Michigan Amateur Radio Club



## Central Michigan Amateur Radio Club

# *THE SCOPE*



### *Lansing Civil Defense Repeater Association*

October / November, 2010

Name <span style="float: right;">Callsign</span>			Joining <input type="checkbox"/> CMARC <input type="checkbox"/> LCDRA		
Address <span style="float: right;">City</span> <span style="float: right;">State</span>			CMARC Full Membership \$15 per calendar year (must be a licensed Amateur to obtain Full Membership) Associate Membership \$5 per calendar year <b>Mail Your Check or Money Order To:</b> <b>John Ingraham-NG8L, CMARC Membership Chairman</b> <b>2807 Greenbriar Ave., Lansing, MI 48912</b> (Checks made payable to CMARC, please)		
ZIP <span style="float: right;">Phone</span> <span style="float: right;">Lic. Class</span>					
ARRL Mem.? <span style="float: right;">Birthday</span> <span style="float: right;">Wedding Anniversary</span>			LCDRA Membership is \$15 per calendar year (add a Family member for only \$7.50 per person, per year) <b>Mail Your Check or Money Order To:</b> <b>Lansing Civil Defense Repeater Association</b> <b>P.O. Box 26281, Lansing, MI 48909-6281</b>		
Year 1st Licensed		Email address			