



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

centralmiarc.com Serving Our Community Since 1921

lcdra.com

CMARC Classes Start!



If you didn't sign up for our new CMARC class offerings you are missing out! Thanks to Gregg Mulder (WB8LZG) we are learning how to build our own antennas. The class has been a big hit and everyone's been enjoying each other's company while working hard and learning something new. There's still time to get in on the fun; talk to Gregg about his great classes at our next meeting on August 13th.

Check out page 8 for Field Day photos!

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June/July, 2010

For Your Consideration

Allow me to begin by apologizing for the lengthy delay in getting this edition of the Scope out to you. We have been working at a feverish pace to get my replacements, Dan and Dawn Beuchert in place as Scope editors and it took a bit longer than anticipated....PLUS, school work continues to eat up my days and nights. Please forgive me. From this point onward, I am confident that the Beucherts will do well in their new role and you, the reader, will reap the rewards of 'fresh blood' and new ideas.

I'm going to do my best to keep this column fresh and exciting, because this newsletter has been a labor of love for me, off and on, since 1998 (and the long break from 2002-2008 recognized). We've had some really great editors in the past and I think Dan and Dawn will do well in their new capacity. Personally, I can't wait to see what they bring to the table, because each editor has ideas of their own and, while the format may look the same, the content will definitely have their personal touches...and that's what makes it interesting.

In future editions, you are sure to hear more about the construction classes that Gregg Mulder (WB8LZG) has taken on. From what I have seen already, these classes are going to make CMARC a Club to be envied. The most exciting part of that equation is what Gregg plans to build with the attendees! If you haven't checked into these yet, you would be wise to do so quickly.

That's it for this month, my friends. Thank you for accepting my work over the last several months, and please....let's continue to build on the successes we've enjoyed over the last few years. CMARC's future is exciting, indeed.

73, Erv

Allow us, the new editors of the Scope, to introduce ourselves. We are Dawn Beuchert (KD8MWA) and Daniel Beuchert (WX8MOJ). While Dawn is a Mason native, Daniel has moved to Michigan from Arizona, but we are both relative newcomers to Amateur Radio. Daniel has dabbled with CB radio since the age of 9 or 10 and was introduced to Amateur Radio through a scout leader. Once Daniel got a taste of all that being a Ham had to offer, it was only a matter of time. He got his license this past December, and in January of this year Dawn got her license while Daniel upgraded.

We are both glad to be into radio at this time and with such a great group of supportive Hams. As we become more active in this hobby we have joined CMARC, LCDRA, and the Lansing/Ingham ARPSC, though we have been active members of Skywarn for a few years now. We are currently in Gregg Mulder's (WB8LZG) classes and look forward to more of them, as well as Tom Rocheleau's (WA8WPI) CW classes that will be offered in the future.

As we take on this challenge, we are looking forward to being able to serve CMARC and learn more about the club as we do!

73,
Dawn & Daniel Beuchert

What's My Sign?

by Julie McLain KB8ZXR

I was born in Lansing, Michigan on February 7, 1998, two years after my older brother. I'm twelve years old and in the 6th grade at Waverly East Intermediate School. My favorite subjects are Social Studies and Math. I love sports and play Football for the Waverly Junior Warriors, enjoy Skateboarding and have recently been thinking it might be fun to do a triathlon sometime in the future. I'm currently a Boy Scout Second Class and am working on getting my First Class. I love going to Scout camp and this summer I'm going to try to earn my "Mile Swim". In order to qualify for this prestigious badge, a Scout must swim 5 laps across the lake. It's a pretty difficult challenge because only 2 or 3 Scouts, out of 200, ever accomplish it.

I first became interested in Amateur Radio when my Dad began talking to me about it. It sounded like a lot of fun so I began the process of studying to get my Technician license. Last year, when I was 11, my Dad took me to the Dayton Hamfest with him for the first time. We planned to spend the whole weekend there in Ohio, go to the Hamfest every day and stay in a neat little cabin. I was really looking forward to the trip with Dad but never dreamt that we would have such a great time. I was totally blown away by the whole experience and that is definitely one trip I will remember forever!

On the way down we hit a deer, and even though we thought we might not be able to finish our trip to Dayton, the car was still drivable and neither of us was hurt, so we continued on. Even with all THAT excitement, nothing compared to the thrill of taking my Technician exam right there at the Hara Arena and passing! My Dad took his Technician exam with me and he passed, too. After the exams, Dad and I began shopping for our radios. We stopped at the Hamfest Prize booth and asked a lot of questions, trying to decide on just the right radio for us to purchase. The people waiting on us were really nice and helpful, and they even asked me to help them by drawing some raffle tickets for their prize give away. It was a lot of fun, but what REALLY made me happy was when they gave me my very own Icom IC-P7A handheld 2m/440 for FREE, just for helping them out!!

When I find the time to get on the air, you can hear me on 2-meters, usually on the 145.39 repeater. Since I'm pretty busy with school and Scouting these days, I'm not as active as I'd like to be, but hope to get more involved with Ham Radio in the future. I've been watching my Dad work some Slow Scan TV and may try my hand at that some day. I'm currently studying to get my General license so I'll have a lot more privileges on the different bands. I'm a member of the Central Michigan Amateur Radio Club and also belong to the Amateur Radio Relay League.

When asked if I had any words of wisdom that I'd like to pass along at my young age, I responded by saying, "Like my Dad always says, live life to the fullest!" I also said, "One of the best things I like about the CMARC meetings is Julie's fantastic brownies!"

There, now that we've become a little better acquainted, "What's My Sign?" My Callsign is KD8LDM and my name is Sean Fisher. My Dad is John KD8LDN.

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

Bits N Bytes...First Look

Birthdays & Anniversaries

6/1 – Paul Rowe (AB8VN)
6/4 – Marv & June Summer Anniv.
6/6 – Alan Shaw (WB8YOX)
6/8 – Jason Southwell (K8JDS)
6/8 – Robert Strobel (KB8DQQ)
6/10 – Connie Hoyland
6/10 – Vic Jackson (W9NDM)
6/14 – Troy Creed & YL Anniv.
6/14 – Dawn Beuchert (KD8MWA)
6/15 – Wayne Conklin (W8QG)



6/17 – Jerry Waite (KD8GLN)
6/18 – Mike Perez (N8OUN)
6/22 – Ron & Marybeth Harger Anniv.
6/24 – Keith Colister (K8CWQ)
6/24 – Max Grove (W8BDR)
6/24 – Curt Mosher (KD8IWS)
6/24 – Garry & Marie Watson Anniv.
6/25 – Gregg Mulder (WB8LZG)
6/25 – Keith & Bonnie Coliser Anniv.
6/27 – Ron Harger (WD8BCS)
6/27 – Ron & Sue St. Laurent Anniv

7/1 – Michael Bockrath (KD8EXU)
7/3 – Don De Feyter (KC8CY)
7/5 – Inez Pearson (KY8V)
07/09 – Joshua Bates (Erv's Son)
07/14 – Charles Stahl (N8DWI)
07/14 – Bill Cote' (WD8NYW)



07/17 – Carl Canfield (K8YHH)
07/22 – Arthur Cherinsky (WA8BMT)
07/28 – Ben Holcomb (WX8BEN)
07/30 – Jane Newton (KC8HLQ)
07/30 – Douglas Goodrich (N8ECL)

If we're missing your Birthday or Anniversary, it's important that you let us know.
Contact Dawn or Dan and the situation will be rectified immediately. Thank you!

WB8LZG Key of the Month

This month's entry for Key of the Month is a one of those unexpected finds. A "diamond in the rough" as it were. And well, you know that plain ol' dumb luck thing. I got it for a song. I was in Dayton this year and spotted it in the flea market. After a bit of haggling over the price it was mine. It looked like an old W8FYO key from 60's. The circuit plate on the bottom had Hal Com inscribed. Turns out Hal Com bought the rights to the W8FYO key in 1975 and made these and called them the FYO key. The circuit board and switches were to control custom keyer functions. They only made 2 runs of these keys and sold the rights to Hamco in 1976. Less than 100 were sold and they are very rare indeed. This picture is a shot I took before I cleaned it up. It now looks brand new. Kinda looks like a Bencher in the fast lane! Its solid steel base won't slide around, even with a heavy fist.

73, Gregg WB8LZG



CMARC Meeting Notes

CMARC BOARD MEETING ~ May 14, 2010

President Sharon Waite/KD8HHK brought the meeting to order at 7:12 p.m. with the following Board members in attendance: Secretary John Hosford/KC8QZB, Treasurer Gerry/KD8GLN, Under 22 Director Corey Bulock/KD8BOQ, Director Don McLain/KB8RAD. Excused were: Vice President Bob Berger/K8RDN and Director Carl/K8YHH. Also present was Ron/WD8BCS.

John/KC8QZB reported that get well cards were sent to Ann Berger, Louie Larche.

Sharon/KD8HHK reported that there are three life memberships to approve.

Sharon/KD8HHK reported that we got an \$800.00 donation from Don Devendorf/W8EGI's family, she is going to ask the membership if they want the donation to go toward a new radio. Sharon/KD8HHK reported that Erv/W8WRV will be stepping down from Scope Editor and from working on the CMARC web site. Due to his studies at Baker College. Ron/WD8BCS announced that the field day committee is requesting \$250.00 for field day/CMARC picnic and if approved the check made payable to Linda/K8LCC. Corey/KD8BOQ made a motion that the field day food money be given to Linda/K8LCC, and Gerry/KD8GLN seconded, and approved.

With all business concluded, Gerry/KD8GLN made a motion to adjourn, seconded by Corey/KD8BOQ and approved. The Board meeting closed at 7:27 p.m.

CMARC MEETING MINUTES ~ May 14, 2010

President Sharon Waite/KD8HHK called the meeting to order at 7:30 p.m. 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 ?? people in attendance (?? members and ?? visitors). Our guests were: Judy Bradfield, Donna Cote, Lee Depriest,

NEW LICENSES, UPGRADES and VANITY CALLS: no new upgrades this month

CARDS AND FLOWERS REPORT: Jane Hosford/KC8FSK reported that "Get Well" cards were sent to: Ann Berger and Louie Larche.

INTERESTING DX CONTACTS: none this month.

ANNOUNCEMENTS: The next CMARC meeting will be on Friday, June 11th at 7:30 p.m.

OLD BUSINESS: A motion to accept the April and May Secretary's Report as printed in the SCOPE was made by Don/KC8CY, seconded by Bill/WD8NYW and approved. A motion to accept the April and May Treasurer's report as printed in the SCOPE was made by Don/KC8CY, seconded by Ken/W8AAX and approved.

NEW BUSINESS: Sharon reported that there was a \$800.00 donation made by Jean Devendorf in Don Devendorf/W8EGI's name Sharon has talked to Jean and would be in favor of the donation going toward the purchase of the new radio. Sharon talked to Erv/W8ERV and he said that the radio is \$1100.00. and if you want the desk mike that comes with it and the power supply, that's \$1200.00. Sharon talked to Carl/K8YHH and he said that the mike that comes with the radio is the one that is best suited for the radio, as opposed to just plugging in some desk mike from somewhere. This is the same radio as the E.O.C.'s in the Lansing area. The radio is an ICOM 746 PRO. K8LCC made a motion to put the \$800.00 toward the purchase of the radio for the club room. KD8MOJ seconded and approved.

Linda/K8LCC reported that she is requesting food donations from the club. The list has anything from four bags of potato chips to soda, different salads, cut up fruit, a whole list of items. She will call to remind food volunteers before field day. She also needs three or four breakfast casserole's. Please contact Linda/k8lcc if you would like to volunteer to bring food to field day/cmarc picnic.

Antenna update: the tower and antenna have not been taken down yet due to rain every weekend. They are talking about taking a sunny day and just getting the tower down. The "tower crew" is now seriously looking at a date now that the weather has cleared up somewhat. They were looking at Monday but it is supposed to rain that day.

Don/wb8nus said that he talked to Bob/kb8dqq and reported that the power line in front of the Salvation Army is 23,200 volts. It was suggested that the tower be installed toward the back of the building away from the power lines. The tower will need to be self supporting unless we want to reinforce the side of the building. W8aax reported that the antenna group has not picked up the 30 meter vertical from his house yet.

Sharon/kd8hhk reported that she has talked to erv/w8erv and he said that he feels that at this time that he can not be totally the editor of the scope. So if you know of anyone that would like to work as editor with Erv helping, please let erv/w8erv know.

Sharon/kd8hhk reported that Gregg/wb8lzg is working on getting some classes together that will be here in the club radio room at the Salvation Army.

Under 22 report: Corey/kd8boq reported that they are still looking for a room at Holt High School for the amateur radio club. He also reports that the MRAY net is going well and has had quite a few checkins and is growing.

CMARC Meeting Notes

Continued...

50/50 DRAWING: Deanna/KD8BDI won \$12.00 in tonight's drawing.

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

With all business being concluded, Bill/WD8NYW moved to adjourn and Deanna/KD8BDI seconded and approved. We adjourned at ?? p.m.

John Hosford/KC8QZB – Secretary

CMARC BOARD MEETING ~ June 11, 2010

President Sharon/KD8HHK brought the meeting to order at 7:01 p.m. with the following Board members in attendance: Vice President Bob Berger/K8RDN, Secretary John Hosford/KC8QZB, Treasure Jerry/KD8GLN, Director Carl/K8YHH, Under 22 Director Corey/KD8BOQ. Excused were: Director Don /KB8RAD.

Sharon/KD8HHK asked if there was an inventory list. Bob/K8RDN said that if there is not an inventory list in the file cabinet that he still has a list in his computer. Sharon/KD8HHK said that the "new items" to the inventory list. Sharon/KD8HHK would like to see the new inventory added to the list that bob/K8RDN made when the club station from the Red Cross was stored at his house.

There was a discussion about keeping or selling the 30 foot aluminum tower. Jerry/KD8GLN made a motion to "table" the aluminum tower, 2nded by Corey/KD8BOQ and approved.

Bob/K8RDN reported that when he was at the Hudsonville swap that he talked with a fox hunter group there. That group said that they are available to give club talks. He is in Battle Creek. (michiganfoxhunter.com)

Carl/K8YHH reported that he has been playing with a wire beam for 20m for the GOTA station.

With all business concluded, Corey/KD8BOQ made a motion to adjourn, seconded by Jerry/KD8GLN and approved. The Board meeting closed at 7:23 p.m.

CMARC MEETING MINUTES ~ June 11, 2010

President Sharon/KD8HHK called the meeting to order at 7:30 p.m. 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 43 people in attendance (21 members and 2 visitors). Our guests were: Jean Devendorf and her family, Mary Tillitson, Leland Depriest, Donna Cote', Thomas Bengel and Lorie? Bengel

NEW LICENSES, UPGRADES and VANITY CALLS: no new licenses or upgrades this month.

CARDS AND FLOWERS REPORT:

INTERESTING DX CONTACTS: Greg Mulder (WB8LZG) has worked a couple of grid squares on 6m

ANNOUNCEMENTS: The next CMARC meeting will be on Friday, July 9th at 7:30 p.m. , there will be VE testing in Charlotte tomorrow at noon at the sheriffs department.

OLD BUSINESS: John/KC8QZB reported that Ron/WD8BCS will confirm the portable bathrooms, Erv/W8erv has a list of people to setup and teardown and the small canopy will be setup over the top of the phone stations to help keep the sun off of them. We have confirmation from Jim/W8JRL that there will be VE testing at field day on Saturday from 3pm to 5pm. Ron/WD8BCS is working on an arrow sign to put at the end of the driveway to direct traffic to the east side of the school. Wayne/W8QG is going to run a vertical antenna, John/KC8QZB is going to run a off center fed dipole from Erv/W8ERV, and we will have to wait and see what antennas that Greg/WB8LZG puts up at the cw station. We are asking everyone that operates a station to sign in the first time that you operate a particular station. John/KC8QZB will talk to the church near the field day sight to see if we can borrow the tables and chairs. Dave/K8QH is going to bring a generator again this year and is going to setup a light near the front and shine it toward the back. Ron/WD8BCS is going to talk to Dennis/KB8ZQZ to see if there will be a fox hunt again this year. Linda/K8LCC reported that she still needs 2 bags of nachos or corn chips, and a container of salsa or bean dip, salad or cutup vegetables, watermelon, cutup fruit, 2 breakfast casseroles for Sunday morning, she has the pans and recipes if you would like to take on one of those, a couple more liters of soda pop and is really hoping that maybe Gloria Cote will make one of her peanut butter cakes, she will also need help with cleanup. If there is anything that you can help with stop by and put your name down. She will call and remind you so that you don't have to remember for two weeks. The picnic will be from 4 to 6pm on Saturday, hot dogs and sloppy joe will be provided. Bill/WD8NYW reported that Jim Geyer has been invited to come out to the field day site. Carl/K8YHH thought it would be nice to invite Captain Alex Norton of the Salvation Army to come out to the field day site for the picnic.

CMARC MEETING Notes

Continued...

NEW BUSINESS: Dan/W8BCI reported that he has ground rods and ground cable so that the club station will be well grounded. The amount of concrete for the new tower was discussed. Someone suggested that if the tower and or antennas were put up on a weekend or after normal work hours then more people could attend and help out.

Gregg/WB8LZG announced that he was approached to put together some kit classes in the new club station. To start off there are three project offerings starting sometime after the fourth of July weekend, the first project will be an antenna for Oscar 51 using a dual band hand held transceiver. the dual bandpass filter will be built on the first night, and the second night will be the antenna. The second project will be a code oscillator, the third project will be a LM386 audio amplifier kit. If there is enough interest there may be a linear amplifier for qrp. Then if there is still interest the next kit will use a max232 chip for ham radio deluxe. Gregg/WB8LZG also showed off some open wire feed line that he made. He also said that he will try a bruce array antenna for the cw station.

Sharon/KD8HHK said that there will be flyers for the construction projects classes in the scope. Sharon/KD8HHK announced that there will be an inventory soon. After field day everything will be in the club room. tonight is the dedication for our club room. The Devendorf family is here and as you know they helped in a very big way toward the radio and Don/W8EGI/SK was a member of the club for so many years that the clubhouse has been

dedicated a plaque naming the station the Don Devendorf Memorial station was shown to the membership.

Don/KC8CY said that he thought that it was decided to put the \$800.00 toward the radio but not buy right away. Gregg/WB8LZG said that he thought that we decided to get the computers and projector right away and table the HF radio. Sharon/KD8HHK said that if that was true then she is sorry that Erv/W8ERV got the go ahead because if we did not get the radio that the radio was going to be gone. The desk mike and power supply were purchased at the same time.

UNDER 22 REPORT: no under 22 report this month

50/50 DRAWING: Jerry/KD8GLN won \$7.50 and donated the winnings to the club.

Bill/WD8NYW made a motion to adjourn seconded by Jim/N8GNN and approved. Meeting adjourned at 8:30 pm

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

John Hosford/KC8QZB – Secretary

The next meeting date for the Central Michigan Amateur Radio Club will be on August 13th at 7:30 pm.

The program speaker will be Nancy Hepfer, a nurse who does Red Cross Certification for CPR. She will be showing us and explaining how to use an AED (Automated External Defibrillator) to save lives. Come out and support our speaker. We are very thankful to have her!

It's Time To Get
Radio Active...

Bring a Friend and
Show Them What

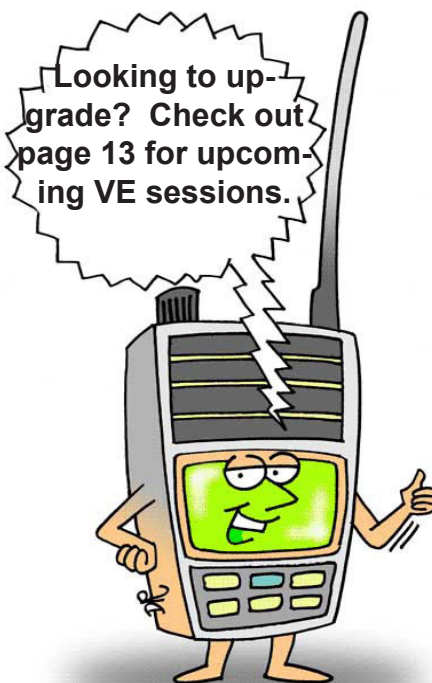
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Field Day 2010



Thanks to all who helped out and participated to make Field Day a family friendly and fun time for all!

Ladies of CMARC News



Tea Time Luncheon Wrap-Up

by Julie McLain, KB8ZXR

kb8zxr@aol.com

517-694-0812

Ladies Tea Time Luncheon Coordinator

The weather for our Ladies Tea Time Luncheon on Saturday, May 22nd was a whole lot warmer than when we last met at Bob Evans, which was during the frigid temps of January! In spite of some rainy weather this time, we had a really nice turn out for our Luncheon with 9 Ladies attending. They were: Jane Hosford/KC8FSK, Ann Berger, Sharon Waite/KD8HHK, Leota Strobel and her Mother-in-law Marge Strobel, Dawn Beuchert/KD8MWA and her Mother-in-law Valerie from Nevada, Marie Watson/KC8NOI and Julie McLain/KB8ZXR. We all enjoyed our visit together so much that the hours just flew by and before we knew it—the time had come for us to leave.

There are some of you who have never been able to join us for one of our Luncheons, but we want you to know that we would love to have you if you're ever able to make it! If you would like to join us for our next Ladies Tea Time Luncheon, please be sure to circle Saturday, June 19th on your calendar. We will be going to Sammy's Restaurant located at 301 E. Jolly Road in Lansing.

Remember, you DON'T have to be a Ham to join us. . . you just need to enjoy food, fellowship and fun!! And, if you're not on our mailing list and would like to be, just contact Julie McLain, KB8ZXR at (517) 694-0812 or at KB8ZXR@aol.com. For more information on any Ladies Tea Time Luncheon, be sure to check out the "SCOPE" or visit CMARC's Website at www.centralmiarc.com.



August Ladies Tea Time Luncheon

That's right—it's that time again, time for making plans to attend the next Ladies Tea Time Luncheon. For August's Luncheon we'll be going to Sammy's Lounge and Restaurant which is located at 301 E. Jolly Rd. in Lansing. Our group will be meeting in the Restaurant side, which is the door closet to Jolly Rd. So, please don't forget to circle Saturday, August 21st (12:30 p.m.) on your calendars and then make sure to come on out and join us for a great time of fun and fellowship! To make sure we can all sit together, please let me know by Friday, April 20th if you plan on attending. You can contact me at (517) 694-0812 or KB8ZXR@aol.com



Mo' Power

Tales from the outback of Ham Radio

by Bob Tail

G'day again mates,

Seems the gang down at the hammy club was getting more excited than a wallaby in spring. Seems they were building a lot of those 2 meter ground plane aerials and having the jolly doing it. Reminded me of me first exciter set. Got it in a "starter set" (kit to you Yanks) with money made working the sheep a couple of seasons. A spot of help from me dad with some of the tricky soldering and I was showing 8 watts out on the meter I borrowed from a hammy friend. Hear tell nowadays they call it QRP. Short for low power operating. Usually at 5 watts or less. Something to be said about the warm glow coming from those "bottles". With a 20 meter wire out to the nearest tree, plenty of stations made it into the log. Sometimes our boy Ned gives a reminder of me younger times.. Seems our boy Ned was arguing with a few other lads over mathematics at the mid day break. Seems the spat was about the conversion from metric to inches. Appears some of the lads were amiss in their arithmetic. They claim a meter and a yard are close so they don't have to worry too much when they cut antenna wires. Nil Current overhears this and exclaims "Poppycock!" She correctly educates them. 1 yard = 36 inches. 1 meter = 39 5/16 inches. She goes on to say that while the figures are close when cutting an antenna for the 2 meter band, they need to be adhered to closely when cutting for the longer wavelength bands. The rabble promptly become silent. They know better than to dispute Nil. Ever astute, she gets A's in arithmetic and always has her calculator at the ready for those who would challenge the truth. Ned likes the fact that Nil has the answers. He was half drowsy on that day in arithmetic class. Lucky for Ned, Nil has an eye for him. With a grin he ambles to geography class while thanking Nil for standing up for him. Say's she's got a certain flair. This make Nil's face as red as her hair, but she doesn't mind, as she's smitten with ol' Ned.

I overheard some of the older gentleman after the hammy meeting, carrying on about building their own computer interface circuits to try PSK31 and some of those other digital modes. Some were quick to lash together a circuit from the junk box. Others put in a mail order for a commercial unit. Now don't get me wrong, the prewired units are the cat's meow for simple look up. Yet I prefer the DIY method. Get's quite a thrill fashioning a circuit from whatever may be in my junk box. Both methods will let you get a sampling of some of those new and snappy digital modes. An old chum from up the coast has got everyone's ear, as he tells some of the locals how to get on the satellites. "Easy Sats" they call em'. "you can work em with only a DualBand hand radio and a simple to build antenna." One ready made for the beginning satellite experimenter.

Well I have a DualBand radio already so I figure I'm halfway there. I listened in closely as he told the group how he fashioned his antenna from an old broomstick. Now that's MY style of hamming! Says all the plans are right there on the AMSAT web page.

Well I can tell you. I left the hammy club all exited and went right home to look up the AMSAT web site. Sure enough, there was a link to build an easy, yet quite effective OSCAR antenna. I had an old piece of bamboo in my work shed es after a quick measure and cut, I was ready to drill holes to mount my elements. I had some spare braising rods lying about so I fashioned my elements from them. A bit of cutting with a metal shears and I was ready to attach exciter feedline and point at the sky. The website even lists when the "bird" will fly by. Jus lucky I guess, but a pass was indeed coming over in a minute or two. I quickly dialed in the frequencies into the radio and headed out to the yard to see for myself. No sooner

Mo Power continued page 11

Mo Power Continued...

than I turn the radio on and hoist the bamboo to the sky, the squelch breaks loose and many stations call signs are heard. Very fast operating on those satellites! Whew, you have to be quicker than an emu taking a drink from a croc filled water hole! Finally got the nerve and sent my call. A fella from Alice calls me. Says his call and grid square and turns it right back. I told him my name and QTH near Adelaide. As soon as I'm done another chap jumps right in from Hobart. Then a minute later just noise. I'd have to wait another 90 mins for next pass. Wow! that was fun!. The AMSAT web site also lists several other satellites that are active, and also the parameters for their use. There are 3 or 4 of these "Easy Sats" up and running right now so the new user can have lots of fun and gain some experience with working the "birds" without the monetary outlay for a fancy set up. What an idea for a program to interest school kids. Hmmm.. have to give that a go at one of the hammy club get togethers. I jus' bet our friend Ned will get quite excited about this. Will have to wait until next month to find out. Remember, keep your firewood dry and your antennas high.

73, Bob Tail

BIG News For Greater Lansing Hams A New LOCAL Source For All of Your Ham Radio Needs!

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How many times have you been working on an antenna project and run into an issue with a connector? Have you ever been caught short of enough solder to finish your job? Maybe you needed 100 feet of LMR-400 and didn't want to pay an arm and a leg for it....well, your solution has arrived.

Jeff Oberg (KB8SXX) and Jan Bradfield (KC8BFK) have begun serving Amateurs, as well as Commercial accounts, by offering coax, connectors, solder, zip wire, radios, speakers, listings for used gear, helpful hints for installing connectors and more.

The site is under construction and will soon offer a shopping cart, for easy ordering, too. Go take a look at <http://www.eaglecommunications.org>

Local & Special Interest News

CMARC Treasurer's Report

May 31, 2010 Treasurer's Report

Primary Share Acct. (Humphries Fund)	\$ 54.97
Business Checking	\$1991.20
NuUnion Certificate of Deposit (3/10/09)	\$1019.11

Net Worth as of 02/28/10	\$3065.26
Youth Fund Balance* (as of 02/28/10)	\$ 189.11
Building Fund* (Club Station)	\$ 9.09

**separate from CMARC Funds*



June 30, 2010 Treasurer's Report

Primary Share Acct. (Humphries Fund)	\$ 54.46
Business Checking	\$2006.20
NuUnion Certificate of Deposit (3/10/09)	\$1020.11

Net Worth as of 02/28/10	\$3807.79
Youth Fund Balance* (as of 02/28/10)	\$ 189.14
Building Fund* (Club Station)	\$ 9.09

**separate from CMARC Funds*

Submitted,
Jerry Waite, KD8GLN
CMARC Treasurer

Please Remember to Bring Non- Perishables to the CMARC Meeting



This is your monthly reminder to please be sure to bring your non-perishable items to the CMARC meeting August 13th. As you know, the Salvation Army operates a food bank from their building and they can always use canned goods, cereal, rice, pasta, tooth brushes, tooth paste, feminine hygiene items, diapers, etc. Virtually anything you might use around the house for food, or personal care....they take it all and it goes to help many needy families in the greater Lansing area. The basket will be up front in the meeting room, so please drop your items in there.

Thank you for your continued support!

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 - Breakfast Club. Join Don (KB8RAD) for a daily wakeup net on the 145.390 repeater, as you travel to work (or from).

Sunday 7:00pm - 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 is moving back to the 145.39 repeater starting August 5th! With this change EVERYONE will be welcome, not just those with 3rd party youth! Drop by and show your support for our youth hams.

As with all Nets, 3rd party checkins are welcome, but must have Control Operator present at checkin time.



Welcome to CMARC...
We don't have strangers here, just friends we haven't met yet. Come join us soon!

VE Testing & Special Announcements

Lansing V.E. Testing Session #1

*****NEW LOCATION***** 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 6:30pm and testing starts shortly thereafter on the following date: **Thursday, August 5th 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: dmbuuche@hotmail.com or ruskirebel@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-N8JI	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: drb@msu.edu

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, October 9th - 12pm

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

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

Shiawassee ARC

Thursday, August 26th - 6:30pm

American Red Cross,
702 Corunna Avenue
Corunna, MI 48817

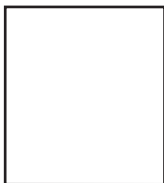
Contact: Thomas Carpenter (KI8AS)
phone: (517) 579-0599

Lansing VE Session #2

Saturday, September 11th - 11am

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



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



Central Michigan Amateur Radio Club

THE SCOPE

Lansing Civil Defense Repeater Association



June/July, 2010

Joining

☐ CMARC

☐ LCDRA

Name Callsign

Address City State

ZIP Phone Lic. Class

ARRL Mem.? Birthday Wedding Anniversary

Year 1st Licensed Email address

CMARC Full Membership \$15 per calendar year (must be a licensed Amateur to obtain Full Membership) Associate Membership \$5 per calendar year

Mail Your Check or Money Order To:
John Ingraham-NG8L, CMARC Membership Chairman
2807 Greenbriar Ave., Lansing, MI 48912
(Checks made payable to CMARC, please)

LCDRA Membership is \$15 per calendar year (add a Family member for only \$7.50 per person, per year)

Mail Your Check or Money Order To:
Lansing Civil Defense Repeater Association
P.O. Box 26281, Lansing, MI 48909-6281