



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

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Ron Harger, WD8BCS Takes Ziegenbein for 2009

Like Father, Like Son



Almost 45 years to the day after Dan Harger (W8BCI) was honored, his son, Ron (WD8BCS) receives the Ziegenbein Award. Ron is the first second-generation recipient in the history of the award.

Ladies' Night has always been a great evening of fellowship and entertainment for CMARC members and this year's event was no exception. Nearly 50 members descended upon the Delhi Cafe in Holt on Friday, May 7th for the annual Ladies' Night event, as well as the Ziegenbein presentation. Unlike last year, when Dick (K18C) was not in attendance for his presentation, 2009's recipient was in attendance.

Ronald Harger (WD8BCS) was presented with the award by fellow Ziegenbein winner and committee chair, DeAnna Barnhill (KD8BDI). DeAnna spoke of Harger's quiet dedication to the Central

Michigan Amateur Radio Club, often doing much needed work without fanfare or recognition. She also noted his very full home schedule, with kids' activities and such....and then his equally full work schedule.

Ron humbly accepted the Ziegenbein, resisting requests for a speech, but offering his thanks to those who nominated him this year and quipping, "Hey, maybe I need to show up late for these events more often!" The line drew much laughter from those in attendance.

Once dinner and the award were taken care of, we were entertained by a group of 20 men and women, known as "The Men of Orpheus", a local chorale. They provided about 30 minutes, or so, of quality singing for us. Their repertoire included some timeless standards, a few show tunes and even some more recent music.

Finally, Ladies' Coordinator, Julie McLain (KB8ZXR) and a few other ladies got the cake cut and we enjoyed a tasty treat just before leaving. By the way, hats off to Julie, Sharon and anyone else directly (or indirectly) involved in putting this together for us. The small clay pot, with the candle and the ladies' hat was a nice touch for those in attendance and we enjoyed the evening. Thank you!

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VE Testing & Announcements

May, 2010

For Your Consideration

How do you say, "Thank you", to someone who so richly deserves it? You take a moment to nominate him or her for the annual Ziegenbein Award. In my years of affiliation with the Central Michigan Amateur Radio Club, I have written letters for more than a few people in our Club, because I felt they represented what Ralph Ziegenbein stood for. Above all else, the success and growth of our great Hobby depends on people who shine, as well as those who do so quietly. 2009's recipient is definitely one who shines....but he has done without looking for recognition of any kind.

I first met Ron Harger (WD8BCS) at Field Day in the summer of 2007. It was a warm June evening and I stopped by to introduce myself to some of the folks I had not yet met, because I was "dormant" for a few years. Ron was among the first to extend his hand and welcome me back. The CMARC president, Roger Barnhill (AB8RX) was another...and I enjoyed a great evening with some fantastic people. Fast-forward to 2008, when I was elected to the CMARC Board and surprisingly, to the presidency. It would be my first opportunity to work closely with Ron, as well as the other Board members.

The first thing I learned about Ron is that he is a fiercely loyal Husband, Father and Friend. His work duties keep him busier than I would enjoy being, but after work comes Family. If he's not busy helping the girls move Girl Scout cookies, he's at some sporting event. He lovingly refers to his wife as "The scheduling committee", so before we planned anything related to extra meetings, or even an antenna project, Maribeth was consulted. And then....somehow, Ron found time to work with CMARC as our Treasurer, on Field Day, ARPSC and SKYWARN. If you can figure out where he found the time, please let me know, because *he* can't even tell me. The point is, this man is all about dedication, and boy, is he dedicated!

As a former CMARC president, I can attest to Ron's love and dedication to our Club and Hobby. As one who is thankful to count him among my Friends (a term I do NOT use lightly), I can attest to his character. It would be impossible for me to give you the laundry list of times he has gone without rest, to make sure you and I can sleep at night during storm season. I cannot tell you of the times he and I have talked while he is working an extended shift, which usually means a double, or a split....or longer. No kidding.

Hey, look, we normally reserve nice comments and flowery speeches for a wake, or a funeral. I don't want to do that in my life. I feel that Ron has truly earned this award more than once, but the reality is, there are many others who have also earned the Ziegenbein, but there can only be one recipient each year. And I bet there are more than a few of you who never really understood what this man was about until now. You might see him at a meeting and think, "Oh good, Ron is here!", but now you have a little better picture of just how blessed we are to have Ron among us.

Thank you, Ron, for giving CMARC your VERY best efforts through the years. I am thankful to work with you in any capacity and I count it an honor to call you my Friend. Enjoy this award, Sir... you have earned it!

73, ERV

What's My Sign?

by Julie McLain KB8ZXR

I was born on January 8, 1969 in Lansing, Michigan and have one older sister. My Mom is retired from the State of Michigan Department of Commerce, where she worked as a "900" operator. My Dad was an Accountant and passed away a few months before I was born, so Mom gets all the credit for my success. In 1986, my Junior year in High School, I attended the Capital Area Career Center in Mason for Electronics, but spent more time in the Math classes than I did in the Electronics class, where I really wanted to be. I had also attended some CMARC meetings and had even tried to get my Ham License during that period. I actually passed the Novice exam two different times, but just couldn't get the 5 WPM code requirement. It was during this time that I met the girl I would later marry, and I thought it would be best to spend my time talking with her rather than talking on the radio, so I sold my Heathkit and all the gear at a CMARC Hamfest. That next year, in 1987, I graduated from Waverly High School and a few months later got married. Later on, in the mid 90's, I attended Lansing Community College, switching from Electrical Technology to Digital Electronics, then to starting a family—I haven't finished either major, yet.

Last year, after attending a local Skywarn Training my desire to become a Ham Radio Operator was re-kindled. I went home, began studying and a couple of months later, in May, my youngest son and I headed down to the "Mecca" of Ham Radio and passed our Technician exams at the 2009 Dayton Hamvention. Last month (April 6th) I upgraded to General and set my mind to studying again so that when I go to Dayton again in May, I can get my Extra. Even though CW is no longer a requirement, I would like to learn it some day. I am currently a member of the Central Michigan Amateur Radio Club, the Lansing Civil Defense Repeater Association, the American Radio Relay League and I've recently joined the Salvation Army Team Emergency Radio Network. I am also a CERT member (Community Emergency Response Team) with Ingham County and Delta Township.

Because I sold my Heathkit back in 1986, when I my Technician License last year I had to go out and buy all new equipment. Currently I have a Yaesu FT- 817ND and this rig sees a lot of "triple" duty usage. Sometimes I use it in the shack with a homebrew 2-meter beam, other times it's used in the van with a 2-meter mobile mount, and it's even used on occasion, as it's actually meant to be used—as a portable mobile unit. When working on 6 to 40-meters, I use a Yo-Yo antenna for portable use and a multi-band antenna in the shack. You can usually find me on 2-meters during my morning and evening commutes and I love to check into all the local Nets. Even though I don't have a lot of free time, I have dabbled a little with SSTV and enjoy the Central Michigan SSTV Net Sunday nights at 7pm on the 145.39 repeater. I'm also interested in trying to work RTTY, Hellschreiber and a few other digital modes.

During my Junior year in High School, I went to Florida on a Campus Life/Youth for Christ trip and there I met Maria. We dated and a few months after graduating from High School, on September 5th, we got married. We now have two sons and this year we will celebrate our 23rd Wedding Anniversary. I am currently employed at Jackson National Life and have worked as a Customer Service representative for the last 10 years. Our whole family is actively involved in the Scouting program and I'm currently Assistant Scoutmaster for Troop 111 in Delta Township. My wife Maria is the Advancement Chairman and Ryan has reached Life Rank, with Sean at the Rank of Second Class. In my spare time, I'm a professional Clown along with my boys, but recently due to some health issues, a busy schedule and this thing called Ham Radio, I've been cutting back on my "clowning around".

When asked if I had any "words of wisdom" I'd like to share, I responded with, "Live life to the fullest—you never know how long it will last. We only come through here once, and life is NOT a dress rehearsal." I also want to say that I've really enjoyed my reintroduction to CMARC and it's nice to see that both the SCOPE and CMARC have changed and are moving in a positive direction. I can't wait to be a part of all the new CMARC changes, like those that have taken place the last few months, as well as those we are planning for the future.

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

Bits N Bytes...First Look

Birthdays & Anniversaries

05/02	Corey Bullock (KD8BOQ)
05/06	Roger & DeAnna Barnhill Anniv.
05/10	Dewey Marlatt Jr. (KC8QZD)
05/13	Jan & Judy Bradfield Anniv.
05/14	Matt Warncke (W8MAT)
05/14	Don & Ruth Hinkle Anniv.
05/15	Michael Vanatta & Wife Anniv.
05/15	Jason Every & Wife Anniv.
05/20	Dennis & Pam Hale Anniv.
05/21	Dennis Hale (KD8HPY)
05/21	John Ingraham & Wife Anniv.
05/25	John Crawford (N8LLC)
05/27	Marie Watson (KC8NOI)
05/29	Ronald Edwards (WA8RZY)



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

WB8LZG Key of the Month



May's Key of the Month is a kit key from American Morse's Doug Hauff W6AME. This is the KK-1 straight key. Very small , very light , with nice action. Still available and reasonably priced.

A great choice for the QRPer or portable operators. Also a nice FIRST TIME project key. This one was built by Pete Spotts W1PNS, who did a fine job. Pete emailed me and suggested that the KK-1 might look better with one of my wood knobs. So i mailed him a "birdseye maple" one. I do believe he's right.

I picked a KK-1 Kit up in Dayton a few years ago and never got around to building it. This picture may just be the inspiration I need.

73 , Gregg WB8LZG

CMARC Meeting Notes

CMARC BOARD MEETING

April 9, 2010

President Sharon Waite/KD8HHK brought the meeting to order at 7:10 p.m. with the following Board members in attendance: Vice President Bob Berger/K8RDN, Treasurer Jerry/KD8GLN Under 22 Director Corey Bullock/KD8BOQ, Director Don McLain/KB8RAD, Director Carl/K8YHH. Excused were: and Secretary John/KC8QZB.

Erv/W8ERV reported that there were seven people that helped paint the club room. Clint/KC8EHR, Bob/K8RDN, Jerry/KD8GLN, Carl/K8YHH, Matt Richard, and Erv/W8ERV. Erv/W8ERV recommended that we get the tower project going as soon as possible, also that the Salvation Army will be starting a soup kitchen, there will be a signup sheet.

An audio visual stand was donated to the club. Erv/W8ERV brought in a VCR for the cart, and is planning on bringing in a sound system for the A/V cart. Erv/W8ERV showed the board a t-shirt about CMARC field day that was printed by Scott/N8YRN and Coleen/KC8BOD. the t-shirts are \$10.00 for the regular t and \$11.00 for the pocket t-shirt.

Erv/W8ERV also announced that the new table in the club room is 10 feet by 6 feet and will support 12 people. Greg/WB8LZG asked when the project classes will start. the consensus was that the classes might start in June.

Bob/K8RDN announced that Ken/W8AAX would like to donate a 30 meter antenna to the club and recommend that it be mounted on the roof. Bob/K8RDN announced that was in the old club room is now in the new club room at the Salvation Army.

With all business concluded, Jerry/KD8GLN made a motion to adjourn,

seconded by Don/KB8RAD and approved. The Board meeting closed at 7:28 p.m.

John Hosford/KC8QZB – Secretary

CMARC MEETING MINUTES

April 9, 2010

President Sharon Waite/KD8HHK called the meeting to order at 7:33 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 60 people in attendance (50 members and 10 visitors). Our guests were: Gordon/KD8NKH, John Campbell, Lynne Campbell, Ken/KC8LTL, Michelle Bates, Cahrles/N8CYY, Dale/N8OHJ, Jim/W8JRL, Jennifer(W8MAT's girlfriend), our speaker for the evening; Ken Pierce/N4KCD.

NEW LICENSES, UPGRADES and VANITY CALLS: KD8LDN upgraded to General, Shannon Raney changed her callsign from KD8MOH to WA2NVK, Jim/N8GNN upgraded to Extra.

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

INTERESTING DX CONTACTS: Greg/WB8LZG contacted the Canary Islands from W8SH with 10 watts on 15 meters.

ANNOUNCEMENTS: The next CMARC meeting will be on Friday, May 14th. Dan/W8BCI (president of LCDRA) announced that starting 4-10-2010 the PL tone on the 146.700 repeater in Lansing will change from 100hz to 107.2 hz. He also reminded everyone that the next LCDRA meeting will be at the CMARC club room at the Salvation Army on thursday 4-15-2010. he also asked everyone to not be

afraid to use the autopatch on the 146.700 repeater.

Bob/K8RDN announced that Ken/W8AAX has donated a 30 meter vertical antenna to the club and recommends that it be mounted on the roof.

Al Conn from Fulton Electronics contacted Erv/W8ERV to give the club two used 19" HP computer monitors. he also told ERV/W8ERV that he had two computers for \$125.00 each. the board convened over the phone and approved the purchase. Al also talked to his boss about a multimedia cart that has been around fultons for 15 years. An anonymous donor covered the \$75.00 that the club was charged for the cart.

Randy/KD8MOK announced that there will be a Kids Day at Valhalla park on June 12, 2010. Randy wondered of the club would want to help with communications and possibly have a table at the event. the table would be free and would be good exposure for the club. Bob/K8RDN said that it might be important to notify Jeremiah because he is in charge of the walks that we do and he could make the decision as to weather we are available or not. Sharon/KD8HHK said we will find out who will be contacting the kids day coordinator about the walk.

OLD BUSINESS: Erv/W8ERV urged everyone to checkout the club station. he also reported that monday and tuesday of last week that Clint/KC8EHR, Bob/K8RDN, Jerry/KD8GLN, Carl/K8YHH, Matt/W8MAT and Richard/KD8HLR all converged on the club station and painted the room. special thanks to Clint/KC8EHR for getting the project table built, it is 10 feet by 6 feet and will support up to 12 people.

The family of Lowell Wilson donated 6 or 8 boxes containing led's

CMARC Meeting Notes

Continued...

capacitors and resistors etc. to the club. Erv/W8ERV also recommended that we get the tower project under way hopefully within the next 30 to 45 days. Erv/W8ERV reported that the Salvation Army soup kitchen is going to be activated on occasion during the next year. the Salvation Army would appreciate volunteers to help with the soup kitchen, they also thanked us for the food donations for the closet, call or e-mail Erv/W8ERV if you would like to volunteer for the soup kitchen.

Sharon/KD8HHK reminded everyone to contact Julie/KB8ZXR for reservations if they would like to go to Ladie's Night at the Delhi Cafe in Holt.

NEW BUSINESS: Erv/W8ERV showed the club members a t-shirt that Scott/N8YRN and Coleen/KC8BOD of Snappyware have designed a t-shirt for field day. the shirts are \$10.00 without a pocket and \$11.00 with a pocket and read W8MAA in morse code at the bottom. Erv/W8ERV reported that we had a record month of approximately 1200 downloads of the scope last month and also a record number of visitors to the club website.

UNDER 22 REPORT: no under 22 report this month

50/50 DRAWING: Bill/WD8NYW won \$25.00 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: Ken Pierce/N4KCD was our speaker for the evening. He was among the first on the ground in Hati following the earthquake, he installed radio communications for relief workers. With all business being concluded, Erv/W8ERV made a motion to adjourn and Jim/N8GNN seconded. we adjourned at 9:40 p.m.

John Hosford/KC8QZB – Secretary

Field Day Meeting Notes

Field Day Meeting

May 03, 2010

Meeting began at 8:09pm. In attendance were: Bob-K8RDN, Carl-K8YHH, Dave-K8QH, Jerry-KD8GLN, Jim-KA8DDQ, John-KC8QZB, John-NO8T, Linda-K8LCC, Ron-WD8BCS, Sharon-KD8HHK, Wayne-W8QG

The current team members are:

ARPSC LIAISON John - NO8T,
CANOPY TEAM Erv - W8ERV,
CERT LIAISON Jerry - KD8GLN,
FIELD DAY CO-CHAIR John - KC8QZB, FIELD DAY CO-CHAIR Ron - WD8BCS, GOTA CHAIR-TBA,
HF PHONE-ARPSC Wayne - W8QG, HF PHONE-CMARC John - KC8QZB, HF CW STATION Gregg - WB8LZG, PHOTOGRAPHER Erv - W8ERV
PICNIC/FOOD CHAIR Linda

- K8LCC, PIO Bill - WD8NYW,
POWER CHAIR Dave - K8QH,
SAFETY Bob - K8RDN, TRAINING Dennis - KB8ZQZ, VHF PHONE STATION Jim - KA8DDQ

Both HF phone stations are planning on the use of tents for their stations. We plan on using the smaller club canopy to cover these tents as a sun shade. Wayne W8QG is planning on using his trap vertical, Ron is making his trap vertical available to John if he wants it.

Ron WD8BCS, John KC8QZB and Wayne W8QG have scheduled a date/time to verify network logging between the HF phone stations.

John Barber is looking into bringing along extra flat screen monitors so that both the logger and operator can view the screen at the same

time.

Thanks to City of Lansing Emergency Management Chief Trent Atkins-KD8HQB, we will once again have two porta johns for our use, one of which will be handi cap accessible.

Jim Lakin W8JRL is planning once again to hold a VE session. It is expected to take place during the same timeframe of 3pm – 5pm, will await confirmation from Jim W8JRL.

Our new club and field day signs are at the club station now.

Jon Seaver N8SUA has offered the use his popup camper.

Awaiting word on a possible GOTA station captain, should have an answer by the May CMARC meeting.

Field Day Meeting

Continued...

It was suggested that we have antenna analyzers available for the operation, Ron WD8BCS still has his (borrowed) analyzer courtesy of Dan W8BCI, and Bob K8RDN will most likely bring his as well. Additional units could also be of use.

John NO8T stated that Ingham County Emergency Manager Sgt Robert Ott is planning on bringing the Ingham County Sheriffs Dept Command POD for viewing. Time-frame is 2-6pm on Saturday.

Food Chair Linda K8LCC has requested an additional gas grill, John KC8QZB and Ron WD8BCS will each bring one. Approval for \$250.00 for the annual CMARC Picnic/Field Day Food will be requested from the CMARC Board at the May meeting. John will also bring a trash can. Bottled water will be purchased, recycling bags will be strategically placed. Pizza will be served for lunch again on Saturday.

Dave K8QH will bring a generator again this year. He stated that the fuel costs will be covered.

Jim KA8DDQ has been asked if he could put an 11 element 2m beam to use on his mast as well as the 6m beam to be on both bands. Jim stated he'd check the setup and see if it would work out or not.

Loud music was a brief issue last year, a reminder will be sent out that we do have neighbors to be considerate of, and we'll need to continue to respect that.

Training bonus will be provided again by Dennis KB8ZQZ. Not other details available yet.

Carl K8YHH mentioned some alu-

minum pipe he thought some of the stations could put to use, he will get with Gregg WB8LZG as he was not able to make the meeting.

CERT Liaison Jerry KD8GLN stated that crew will be onsite between 12 - 5 on Saturday.

Our Field Day site has once again been uploaded to the ARRL Field Day Locator by Erv W8ERV: <http://www.arrl.org/field-day-locator>

Current schedule of events:

Friday June 25th, 5pm - 8pm

Canopy Setup

Saturday June 26th

8am Breakfast

9am-2pm Station Setup

Noon Lunch

2pm Operating Begins

2pm-6pm Mobile Medical

CBRNE Support Unit on display

2pm-6pm; Ingham County Sheriff

Department Command POD on display

3pm-4pm Field Day Training

Bonus (TBA)

3pm-5pm VE Session Testing

(Time is tentative)

4pm-5pm CMARC Club Picnic

5pm-530pm Picnic Clean-up

Sunday June 27th

8am Breakfast

Noon Lunch

2pm Operating Ceases

230pm-500pm Teardown, Cleanup

Meeting ended at 9:06pm

*Minutes provided by John Hosford
KC8QZB and Ron Harger WD-
8BCS.*

Additional notes: Ron WD8BCS spoke with PIO Bill WD8NYW, Bill has confirmation from Dave Harper KD8JBB that the CBRNE trailer will again be onsite this year between 2-6pm on Saturday.

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!*



Fine writing instruments by
Carl (K8YHH). Get a custom-
engraved Designer style pen
for only \$49.95 (locally de-
livered). Great for Grads and
Dads.

www.carlswritestuff.com

Join us in
June for Division
Director, Jim
Weaver (K8JE)
See you there!



Bits N Bytes...Second Look

Order Your Field Day Tees NOW!!!



They're cool, they've got attitude and they are available for sale now, through June 1st. Thanks to Scott and Coleen Stap of "Stappywear", we are starting a new Field Day tradition.

Shirts are only \$10 without pocket and \$11 with pocket, sizes S-XXXL, so clip out the coupon (checks payable to J. Ervin Bates, please) and get them in. ALL orders MUST be received by June 1, 2010 so we can be assured of having the shirts in time for Field Day. Erv will have them with him that weekend.

Name _____ Callsign _____

Address _____

City _____ State _____ ZIP _____

Phone _____

Number of Shirts _____

Size of Shirts _____

Total Enclosed \$ _____

Checks payable and send to J. Ervin Bates, 1470 Harper Road, #38, Mason, MI 48854

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 this Friday evening. 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.

Ladies of CMARC News



Tea Time Luncheon Wrap-Up

by Julie McLain, KB8ZXR

kb8zxr@aol.com

517-694-0812

Ladies Tea Time Luncheon Coordinator

Although we had 10 Ladies who signed up for April's Luncheon, only six actually attended, due to scheduling conflicts. They were Tammy Bengel, Ann Berger, Leota Strobel, Marie Watson/KC8NOI, Sharon Waite/KD8HHK, and Julie/KB8ZXR.

This month, we went to a local restaurant that we haven't tried before, which was Sammy's on E. Jolly Rd. in Lansing. We all enjoyed some really good food and each other's company, and it made me wonder why more Ladies don't come on out and join us each month. After all, you don't have to be licensed to attend, and if you find technical talk a bit boring, I'll let you in on a little secret—we hardly ever talk about Ham Radio at these get-togethers!

So, if you've missed out on all the fun by not coming to our Luncheons, I sure hope you'll plan on joining us for our next one on Saturday, May 22nd, which will be at "Bob Evan's Restaurant" located at 900 American Road in South Lansing. By the way, 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. In addition, 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.



May Ladies Tea Time Luncheon

Please join us on Saturday, May 22nd at 12:30 pm
for our May Ladies Tea Time Luncheon.

We will be meeting at "Bob Evan's Restaurant" located
at 900 American Road in South Lansing.

Remember, we're just a group of Ladies who love
to get together. Some of us have our Ham licenses
and some of us don't, but all that really matters
is that we like to visit with each other and have FUN!

To make sure that we'll all be able to sit together,
please RSVP by Friday, May 21st. 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.

Well I went to the local hammy club monthly get together and got a glimpse of our boy Ned. "his full name is Needmore J. Novice" Used only by his father when Ned is not tidy after using his tools to build his projects. All his school chums call him Ned. Well young Ned scurried off after last month's meeting all excited to build a 2 metre aerial, similar to the one described in the previous installment. Seems he had all the parts in his "junkbox" just waiting for such a project. A quick trip to his mother's closet for several garment props, "coat hangers", and Ned was soon measuring and bending with glee. Ned completed the antenna in quick fashion, only an hour had passed when he was ready for the ON AIR test. He secured it to the window frame with a hank of twine and connected his hand held radio with a 5 or 6 meter length of coaxial cable. Apparently it worked better than anticipated as Ned was quite enthusiastic in his description of his handiwork to his mates. Says he may never use his Laytex "Ludwig Von Drake" again. Says he hears all kinds of stations he never knew were there, and strange noises also. He says his "Elmer" explained it was those new digital modes. PSK31, Digital TV and a "Sheila" named Olivia. Then goes on to explain that all of these new digital modes can be worked by downloading free software to his home computer. "Free, Wow!" says Ned, with a new twinkle in his eye. "That's for me"

Well not wanting to be left out on learning something new, I opened up one of my favorite reference books, "The RSGB Handbook", "The ARRL Handbook" is a good read also. Sure enough, there was an entire chapter about how use the new digital modes. Scuttlebutt has it that many of the old RTTY crowd are trading in their ol' Model 19's in favor of this new mode called PSK31.

I navigated by computer to the "internet" and downloaded a program called "Ham Radio Deluxe". This is a wonderful program for many of the digital modes, and has more bells and whistles than the switchboard at the trolley company. It works nicely with my rig and many others as well. Reading on in the Handbook recommended the use of one of the popular commercial units to interface the computer to the radio. I wondered about the construction of a do-it-yourself style. A bit more reading yielded a simple circuit for the economy minded. A few 10k padding resistors on the inputs and outputs of the computer sound card, a few small stereo plugs, a few meters of shielded cable, and I was ready for the smoke test

I started the program and turned on the rig. Tuned the dial to 14.071 Mcs and heard the "warbling" of PSK31 signals in the speaker. Then I plugged the headphone out put of the rig to the "line in" jack on the sound card. In like fashion I plugged the output of the sound card through my padding resistors and on to the microphone connection on the rig. I "clicked" on the waterfall display, and my screen started filling with text from the station transmitting. Well I can tell you that this mode is very nice for low power and weak sig-

Mo Power continued page 11

Mo Power Continued...

nals. Signal barely perceptible in the display are converted into text. No wonder all of the Ol' Timers are trading in their Model 33 Teletype machines. The new digital modes really are easy. I heard from some of the local "bloaks" that there is a group of ops playing with Slow Scan TV on a weekend net. Sounds like a good bit of fun to me. I'll have to give a listen.

Want to try without hooking up any wires? It's a snap. Tune the rig to 14.071 Mcs and turn the volume up to a moderate level. Then take an old microphone and connect it to the mic input the sound card. Hold the mic near the rig's speaker and you should be able to see the "waterfall" on your computer screen. "click" on a signal and text should be displayed on the screen. An easy way to get a taste of this fine mode. If everyone knew how easy it was to do, there would certainly be more activity. This was getting good now. I have the rig all wired up for the digital modes and looks as though I'll be learning something new. That's what I like about this Radio Hamming. Never a dull moment. I'll just wager our boy Ned will have some interesting stories for the next club get together. Almost as much fun as chasing a "Roo" thru the outback. Till next time . 73, Bob Tail

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

Eagle Communications, LLC

Quality parts at a quality price...

P.O. Box 62,
Eagle, MI 48822

(517) 712-1302



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

Primary Share Acct. (Humphries Fund)	\$ 54.96
Business Checking	\$2711.00
NuUnion Certificate of Deposit (3/10/09)	\$1018.15

Net Worth as of 02/28/10	\$3784.11
Youth Fund Balance* (as of 02/28/10)	\$ 189.00
Building Fund* (Club Station)	\$1108.84

*separate from CMARC Funds

Submitted,
Jerry Waite, KD8GLN
CMARC Treasurer



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).

Weekdays 5pm - Drive at 5 Net. Join Chris (KD8MJJ) for a daily afternoon drive net on the 145.390 repeater, as you travel back home from a hard day's work.

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). If you are Under 22, drop in to the 145.470 (-) (100hz PL) repeater and say hi. Corey promises LOTS of information and fun for the young people of Michigan. Sounds like a good Net to visit!

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!



Ron Harger (WD8BCS) receives his Ziegenbein Award from Committee Chairperson, DeAnna Barnhill (KD8BDI) last Friday night. The young lady Ron is sitting with is his lovely bride, Maribeth.

Congratulations, Ron!

VE Testing & Special Announcements

Lansing V.E. Testing Session #1

Lansing Police Dept., South Precinct,
3400 S. Cedar St., Lansing Downstairs, Sm. Conf. Room

Registration starts at 6:30pm and testing starts shortly thereafter on the following
date: **Tuesday, June 1, 2010**

Our VE Team's local contact is Donald McLain-KB8RAD at (517) 694-0812

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-KD8MOJ	ph: (517) 604-1379
QSL/ Awards Mgr.: Don DeFeyer-KC8CY	ph: (517) 641-4533
Scope Editor: J. Ervin Bates-W8ERV	ph: (517) 908-6739

email address: w8erv@acd.net

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 June 12th - 12pm

Eaton Co Sheriff Dept-EOC,
1025 Independence Blvd.

Charlotte, MI 48813

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

Shiawassee ARC

Thursday, June 24th - 6:30pm

American Red Cross,
712 Corunna Avenue
Corunna, MI 48817

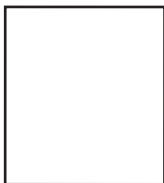
Contact: Thomas Carpenter (KI8AS)
phone: (517) 579-0599

Lansing VE Session #2

Saturday July 10th - 11am

Lansing Police Dept., South Precinct,
3400 S. Cedar St., Lansing
Downstairs, Sm. Conf. 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

May, 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