



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

centralmiarc.com

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Final Call...Deadline is March 15, 2010...

Ziegenbein Nominations Closing

Nominations for the 2009 Ziegenbein Award are coming to a close on March 15th, so if you have not gotten them in yet, it would be wise to do so. This year's committee includes last year's recipient, Dick McGuire (KI8C), as well as Roger (AB8RX) and DeAnna Barnhill (KD8BDI), recipients of the previous two years.

Mr. Ziegenbein's most notable achievement was the proposal to add a Novice class to the Amateur Radio license classes. As most of you know, this was successful and, until the late 1990's we did have a Novice Class license. Among the last of the local sparkgap users, Ziegenbein surely enjoyed Amateur Radio and served as a quiet Ambassador to the Hobby until his untimely death.

This award, named in honor of Ralph Ziegenbein (W8PLP), began back in 1961. Ziegenbein was a respected member of the Central Michigan Amateur Radio Club and died in an auto accident in 1960. Some of his friends, known as the "Lush Wells" got together and decided to push this award as a way to honor the man they knew as "Mr. Ham Radio".

Each year, the previous three recipients of CMARC's highest honor meet to review the letters of nomination (and it is NEVER easy) to select a

winner. Somehow, committee members always seem to pick the right person to honor in a given year.

Nominees must be full CMARC members and nominations must be presented in written form. No emails and no duplications permitted. The award is presented for activities promoting CMARC and Amateur Radio for the past calendar year.

Please send your nominations today to: DeAnna Barnhill, ATTN: Ziegenbein Nominations, 12621 Turner Road, Portland, MI 48875. Nominations not postmarked by March 15th will not be considered.

Donations Sought for CMARC Club Station at Salvation Army Building

During our inaugural meeting at the NEW Home of the Central Michigan Amateur Radio Club, it was discussed and decided that we would solicit donations to fund our new Club Station equipment at the Salvation Army. If you wish to donate any amount, please get in touch with Jerry (KD8GLN), either at a meeting, or you can call him at (517) 882-5406. You can also email him at jerry48911@yahoo.com.

We are considering a plaque naming the donors, but most have said they just want to donate. We thank you for your kindness and we're excited about the future of this club. Please consider donating to this worthwhile endeavor. Along with radio gear, we will have a projector, antenna equipment and coax to buy.

Our goal is \$3000. For more information, please read "For Your Consideration". Thanks!

Inside This Edition of The SCOPE

Page 2-3	For Your Consideration What's My Sign?
Page 4-5	BitsNBytes 1, CMARC Meeting Min.
Page 6-8	CMARC Meeting Minutes
Page 9	Ladies' News
Page 10-11	BitsNBytes 2nd Look
Page 12-13	VE Testing & Announcements

March, 2010

For Your Consideration

With spring knocking on our doors, it's time for new beginnings. Much as the tulip pushes its way through the soil at the sun warms it, the Central Michigan Amateur Radio Club is making its way out of a period marked by our sudden eviction...all the way to our new home at the Salvation Army. We are blessed to have been welcomed so warmly by these folks and they are going out of their way to make our arrival as smooth as possible.

First some news. We now have a secure room at the Salvation Army. I received the key from Captain Alex Norton on Thursday, March 4th, so we may begin moving our equipment and such in right away. For those who have volunteered to help, we will be contacting you shortly. Captain Norton is also working with his superiors to come and give a presentation to the Club at their earliest convenience, so be looking for details on that, as well.

Now, let's talk about the Club Station and why we need to raise \$3000. Since I realize this is a sizeable amount, the membership needs to know what we are asking for, and what it will mean to us once we have met the goal.

Jan Bradfield (KC8BFBK) has generously offered a new, demo model Icom 746, with SM20 mic and power supply for \$1100. This is well below the cost of the rig, if we had to buy it outright, but Jan is an Icom dealer and we appreciate his offer. This rig would be a good purchase, because it is the same rig used at the Lansing EOC, State EOC and soon...the Ingham EOC. It would be good to have the same rig at all locations, so we can train folks on it once and it will carry over to all.

I have also recommended a new computer and scanner for logging, as well as SKYWARN operations, should we ever be activated by SATERN (\$600), a new projector (\$500), because we need one for presentations at our meetings, a USB unit for decoding and encoding Slowscan TV pictures (\$100), a new dualband base antenna (\$110), a dualband yagi (MFJ-1768) (\$90) and about \$500 for various cables, cords, wires and connectors. We also have a speaker system being donated, if it can all be put together, but I will hold that information until we know for sure what we have coming and if Captain Norton will approve installation. And we should also consider a printer for the computer, as well as two to three 6ft tables for the room, as well as the wood necessary to build our project/test bench. It is possible we may need a bit more than \$3000 to accomplish all of this and nobody says it all has to be done THIS year, but we should strive to do this sooner, rather than later. This would allow us to get classes started immediately.

So....what do you think? I can't wait for all of you to get a chance to see the Club Station this month. We have some of the work stations in and will have them installed in time for the meeting, but we are still awaiting some chairs, a whiteboard for the classes and maybe a lateral file or a bookcase. This brings me to yet another subject.

I have several books I will be donating to the Club Station this month. I have some books on electronics, but we are building a library of books on Technical stuff for our classes. These books will remain in the Club Station, but will be available for use while you are there. Once we have the scanner, you can scan articles and items you find in the book and email them to yourself....all in time.

That's all I have for this month. I continue to be excited about the possibilities for the CMARC Club Station, as well as our Club overall. We have lots to do and if you are willing to help, we have lots of room for volunteers. For now, keep the donations coming in and let's work to bring this project to a successful conclusion.

I have one more item, but I will present that at our next meeting.

73, ERV

What's My Sign?

by Julie McLain KB8ZXR

I was born on September 11, 1995 at Nellis Air Force Base in Las Vegas, Nevada, where my Mother served as an Airman First Class. Currently, I am 14 years old and in the 9th grade at Fenton High School, in Fenton, Michigan. One of my favorite subjects in school is Health/Gym class. I also participate in Cross-country and track, and am planning to take Drivers Ed this summer. I have two brothers, Gavin who is three and Spencer who is one. I live near my Grandparents and share a very close relationship with them. I've been enjoying Radio-Controlled cars for quite a few years now, and ever since my Grandpa got some slot cars this past Christmas, we've been having a lot of fun with them, too. Speaking of Christmas, one of my gifts was a guitar and I've been taking lessons lately. I recently began taking voice lessons, too.

A while back, my Grandpa and I were involved with Citizen's Band Radio, when he began to recognize that I displayed a real interest in radios and electronics in general. One day, he suggested that maybe we should try to get our Amateur Radio Technician licenses, even though I was only twelve years old at the time. I was all for it! So, we set a deadline to test on June 21, 2008 and began studying together. When the big day finally arrived, we went to Mott Community College in Fenton where we both passed our Technician exams. We then set another deadline for taking our General exams, which was less than two months later. So, on August 16th at a Flint VE site, we upgraded to General. We want to eventually upgrade to Extra class, but right now, I'm pretty busy with school. There are a couple of other Hams in our family besides my Grandpa and me-they are my Dad, Marshall Colley/KD8KAD and two Uncles. I don't have a lot of equipment right now because I'm just getting my "shack" started, but you just wait until I get a little older and have been in the Hobby a few more years!! Right now, I do have a Kenwood TM-VF71-A radio, and for my antenna set-up I have a copper piping J-Pole and a Jetstream Mobile. You can usually find me on 2 meters and HF. One of these days, I would like to get involved with SSTV (Single Sideband Television), and although it is no longer required for exams, I do want to eventually learn Morse Code, as well. Since being licensed I've used my Amateur Radio skills by working Parade Communications and have really enjoyed myself!

My Grandpa and I are both members of the Central Michigan Amateur Radio Club and we try to attend the meetings as much as possible, in spite of the fact that we live in Fenton and it's a bit of a drive! I am also involved with the Michigan Radio Amateur Youth Net (MRAY) on the Independent Repeater Association (IRA) link system, and really enjoy that, too. When Julie asked me if I had any words of wisdom to share at my young age, I responded by saying, "Its not what's on the outside of a person that counts...it's Who is on the inside."

There, now that we have become a little better acquainted, "What's My Sign?" My Callsign is KD8IWT and my name is Morgan Mosher. My Grandpa is Curt Mosher/KD8IWS

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

Oops, the Editor Goofed: February 14th was also Marlene Harger's birthday and somehow, it was missed. You know we love you, Marlene, so here's a SPECIAL CMARC wish for many more....and Erv has been flogged for his error. HAPPY BIRTHDAY from all of us at CMARC!

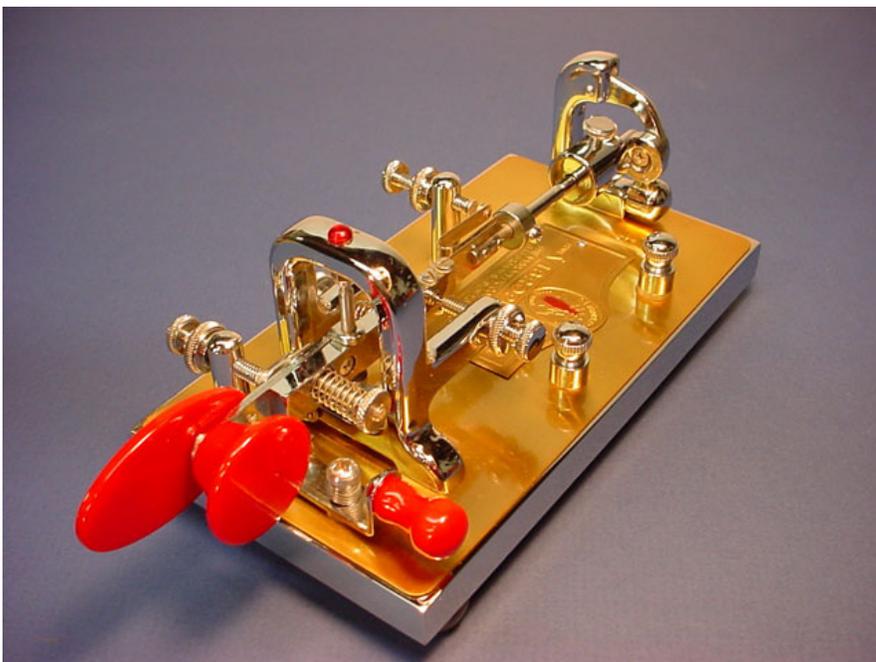
03/03	DeAnna Barnhill (KD8BDI)
03/04	Jim Harvey (KA8DDQ)
03/13	George Newton (KC8DVV)
03/17	Laurie Bates (Erv's Wife)
03/20	Sandy Tickner (W8GRO)
03/26	Alton Stoddard (KD8MB)
03/26	Lowell Hoyland (KC8ARG)
03/29	Dennis Kelly (N8OMT)



Happy McBirthday to ya...

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!

CMARC Welcomes Back Gregg Mulder (WB8LZG) and His Key of the Month



Hey there fellow CW Buffs! By popular request, I'm starting up the Key of the Month again.

March's Key is a 1963 Vibroplex "presentation" model I came across in Dayton in 2006. It was from a SK estate, es although it was quite dirty es dusty, it cleaned up to look "brand new" condx. Handling? Like a dream!

This is my favorite 'bug'. 73
Gregg

CMARC Meeting Notes

CMARC BOARD MEETING

February 5, 2010

President Sharon Waite/KD8HHK brought the meeting to order at 7:03 p.m. with the following Board members in attendance: Vice President Bob Berger/K8RDN Treasurer Gerry Waite/KD8GLN, Secretary John Hosford/KC8QZB, Director Don McLain/KB8RAD, Director Carl Canfield/K8YHH, Under 22 Director Corey Bulock/KD8BOQ.

Erv/W8ERV gave the board a handout with a proposed arrangement of the club radio room.

Ron/WD8BCS announced that the Lansing School District requires a payment of \$50.00 to use the Gardener Middle School grounds for field day and that the field day committee voted to ask that the CMARC board approve the expenditure of \$50.00. John/KC8QZB made a motion we approve the expenditure of \$50.00 for the Lansing School District for the use of their grounds at Gardener Middle School for field day 2010. Don/KB8RAD 2nded the motion, and approved.

Sharon announced that the first Friday of the month at the Salvation Army is already taken and that the meeting night will need to be moved. Sharon/KD8HHK made a motion that we present to the club that we will get together with Captain Norton and find out which Friday is a good Friday and move the club meeting to that Friday. Corey/KD8BOQ 2nded and approved.

Dan/W8BCI asked the board if LCDRA could meet in the CMARC radio room. Corey/KD8BOQ made a motion to allow LCDRA to meet quarterly on Thursday nights 2nded by Gerry/KD8GLN and approved. Carl/K8YHH asked if we are going to let Captain Norton know when we are meeting in the club room. It was agreed that this is a good idea.

Bob/K8RDN made up a booklet about Saturn containing net lists, digital nets, emergency communication nets and six training lessons. Carl/K8YHH said that we should remind everyone that this is a church and we should conduct ourselves as such, and that we need to make sure that we leave the facility as clean or cleaner than we found them. Also that we make an announcement that bring a few canned goods or non perishable items for the Salvation Army to help those in need.

Carl/K8YHH also said that we need to be extremely careful about how the radio room keys are handed out and that the keys should be stamped do not duplicate because if someone unauthorized got in we could be held responsible. Also that if someone would like to stay over after the meeting and operate with Carl at the club station he would be willing to stay after the meeting with them.

Gerry/KD8GLN made a motion to adjourn the board meeting 2nded by Don/KB8RAD and approved. Board meeting adjourned at 7:30PM.

John Hosford/KC8QZB – Secretary

CMARC MEETING MINUTES

February 5, 2010

President Sharon Waite/KD8HHK called the meeting to order at 7:34p.m. and welcomed both our members and those visiting with us tonight for the first meeting at the Salvation Army at 701 West Jolly rd in Lansing Michigan. Sharon/KD8HHK announced that we have been asked to speak nicely and conduct ourselves appropriately as this IS a Church. We had a moment of silence in memory of our "Silent Keys" including Don Devendorf/W8EGI.

ATTENDANCE: There were 59 people in attendance (55 members and 4 visitors). Our guests were: Ben Barker/WD8OVL, Mary Tillitson, Ken McGuire/KC8LTL, Dawn Beuchert/KD8MWA.

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

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

INTERESTING DX CONTACTS: Bernie/N8PVZ announced that he contacted a VE9 on 20 meters using a digital mode(hellschreiber). Ken/KC8LTL contacted California on 12 meters. Erv/W8erv heard a station from Missouri on 145.39 Okemos repeater. Greg/

CMARC Meeting Notes

Continued...

WB8LZG made two contacts with New Hampshire one on 15 meters using 90 mw and the 2nd on 10 meters using 50mw.

ANNOUNCEMENTS: The next CMARC meeting will be on Friday, March 12th at 7:30 p.m. Erv/W8ERV announced that the reason that the P. A. is so much louder is that Dave/K8QH put a unit on the P. A. that increased the audio by about 50 percent.

OLD BUSINESS: the secretary and treasurers reports could not be voted on tonight as the scope is not out yet.

NEW BUSINESS: Sharon/KD8HHK announced that LCDRA has requested to meet in the CMARC club room and the CMARC board has approved. Sharon/KD8HHK said that we need to discuss a new meeting night. we thought that the first friday was open but it turns out that another group meets here on the first friday of the month. the other group is very graciously meeting down the hall tonight. so we need to get together with Captain Norton to see if there is another friday night that we could meet.

Sharon/KD8HHK announced that we will be getting a signout sheet for keys, the board has discussed this a little bit. there is only one key to get into the building and we are not allowed to duplicate that key at the Salvation Army's request. we are allowed to make any number of keys that we need for the CMARC radio

room door. we talked about maybe having 10 or 15 keys and numbering them and then signing them out as needed. Sharon/KD8HHK announced that we have some lifetime memberships to hand out, Bill Wing/W2PMH, Rick Mason, Don McLain/KB8RAD, Roger Barnhill/AB8RX, Julie McLain/KB8ZXR, Dan Fuller/W8VVR, James Hannis/KC8QWH, Ginny Hannis/KD8H-PG. There were also some extra mile awards, Gloria Cote, Carl Canfield/K8YHH, Erv/W8erv.

Sharon/KD8HHK announced that we are looking for a fundraiser chairperson and ideas for fundraisers. Erv/W8ERV said that since Carl/K8YHH has not only met but exceeded our expectations and, that in view of the fact that there is a building that we can meet in and set up a radio room, that Erv/W8ERV made a motion that we disband the building committee effective immediately 2nded by Jim/KC8QWH and approved.

Dan/W8BCI announced that there are now more nets on the 145.390 repeater, the drive at five hosted by Chris/KD8MJJ, Dan/W8BCI asked that if someone would like to start a net that they please ask LCDRA first. Jason/KD8CDE announced that he is thinking about starting a Tech. net to talk about ham radio, computers or what ever someone asks about. Don/KB8RAD hosts the breakfast club net from 7 am to 11 am seven days a week on the 145.390 repeater. Julie/KB8ZXR hosts the tea time net at 7 pm tuesday evenings. Don/

WB8NUS was contacted by the FCC. they wanted to know how we controlled it. He said two ways 1) over the phone lines or 2) by uhf frequency. the repeater is monitored at all times except during sleeping hours. there is a safety timer on the autopatch of 10 minutes so that if the autopatch "hung up" it would shut itself down so the phone lines are not tied up. he was asked if we record it. Don/WB8NUS said that they did at one time but have not for some time but there has been some talk of putting a recorder back on the autopatch to see who the calls are and how long they last. They told Don/WB8NUS that possibly in the fall or the winter they will be coming out with a directory on the proper use of autopatches.

Erv/W8ERV reminded everyone that please be mindful that the meeting room is used as a church on sunday. the only areas that we are allowed is the club station room, the restrooms, and the main meeting room as well as the kitchen. the upstairs and down stairs are completely OFF LIMITS! if anybody is caught where they should not be we will be removed from the building, it is just that important.

UNDER 22 REPORT: no youth report this month.

50/50 DRAWING: Jim/KC8QWH won \$22.00 in tonight's drawing.

BREAK: [Sec. Note: Thank you to all who helped with the goodies—your contributions are

CMARC Meeting Notes

Continued...

always GREATLY appreciated!]

MAIN PROGRAM AND/OR

SPEAKER: Sharon/KD8HHK announced that Erv/W8ERV is the liaison between the Salvation Army and CMARC. Erv/W8ERV talked about needing to take down the tower at the Red Cross in the spring, many volunteers would make light work.

When the tower is put up we need to make sure that the work is being done by someone that is supposed to be doing that work (licensed and bonded to do tower work). we are looking for volunteers to spearhead the tower project (take down at the Red Cross and put up at the Salvation Army).

Now for the stuff that you don't want to hear. we need volunteers to clean up after each meeting, set up tables and chairs before the meeting, take down tables and chairs after the meeting, take the trash out, dry mop the floor, and wet mop the floor when needed. We don't want to leave any kind of weight on the people that run this building, these items are non-negotiable we need a leader to organize the SATERN group, (training, exercises etc.). If you are interested send Sharon/KD8HHK an e-mail and let her know.

Erv/W8ERV passed out a proposed layout of the club radio room, he stressed that nothing is set in stone except for the operating positions due to the position of the tower. someone asked what the background check

involves. Erv/W8ERV said that if you can pass a background check for the ARPSC then you are in good shape. the work surfaces and a dry erase board for the club radio room have been donated by an anonymous donor and will be here in a couple weeks. we will be able to have classes on soldering surface mount devices, coax connectors, morse code, antenna classes, a measuring tape antenna for direction finding work, how about the proper use of a standing wave meter or an antenna analyzers. We would like to have a reference library in the club radio room. Perhaps we can have a photo collage on part of one wall of the club radio room.

Erv is going to donate the use of his Yaesu FT-757GX2 and LDG automatic antenna tuner until we can get some newer equipment. Carl/K8YHH announced that if there is anyone that would like to operate the club station he would be willing to stay after the meeting and hour or two.

Corey/KD8BOQ would like to see a youth night at the club station. Don/KC8CY said that once the club station is open one of the first programs should be to teach people to log. Erv/W8ERV said everything that we want to do for the club station is going to cost money, new radios, setting up the tower, new coax, a newer computer capable of running windows xp, etc. Erv/W8ERV proposes a for anyone that would like to make a donation of \$100.00 or more would

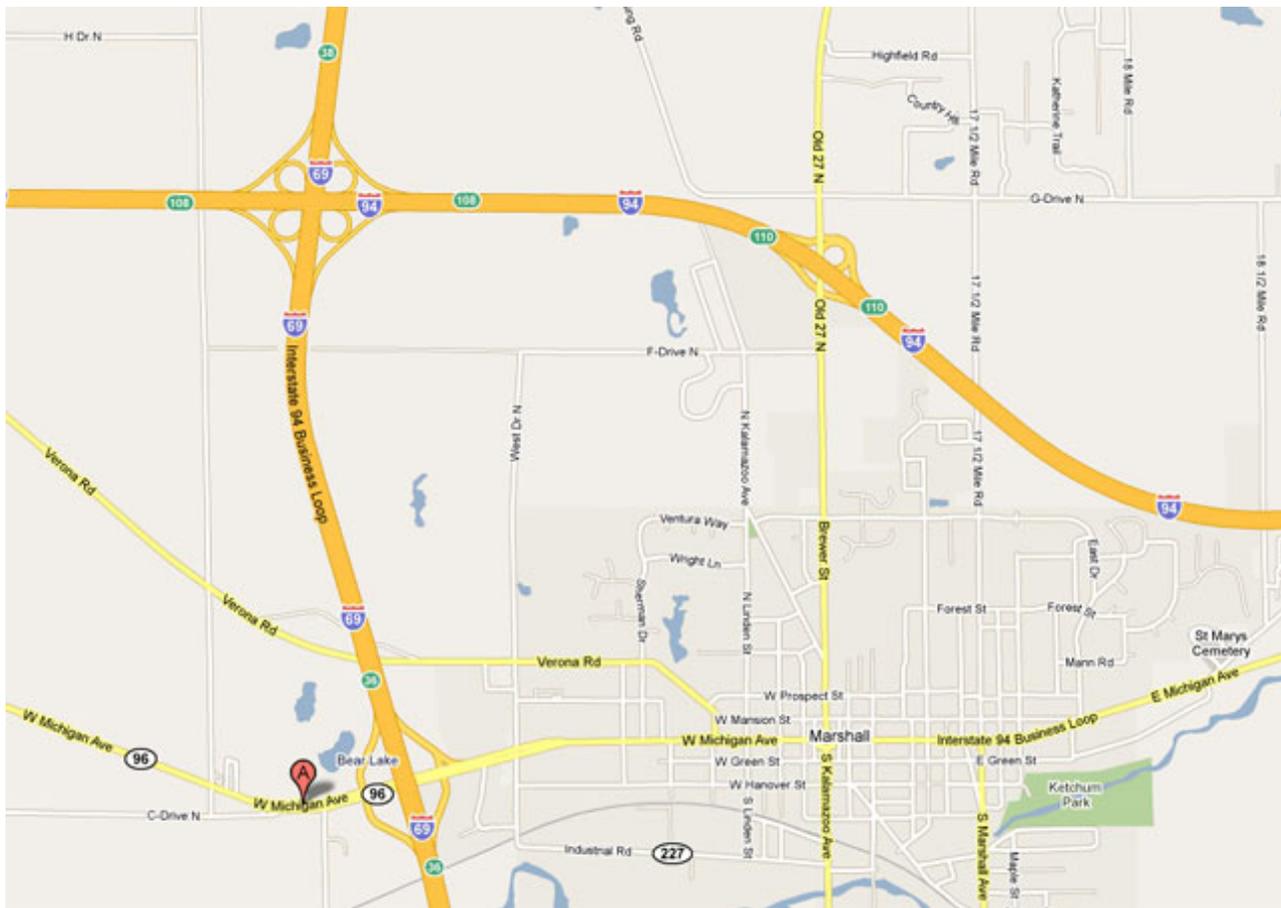
get a gold plate on a plaque to be placed in the club station. donations of \$50.00 or more would be a silver plate, and \$25.00 or more would be a bronze plate. this will give you an opportunity to have a hand in outfitting the club station. these donations would continue until we do not need any more money. Don/WB8NUS still has the plaque for John Hewitt(sk) and asked if the new club room would be a good place for that, Erv/W8ERV said absolutely. Erv/W8ERV made a motion that we begin a donation program of freewill donation under the guidelines that Erv/W8ERV just read. Don/KB8RAD 2nded the motion and approved. Don/KB8RAD made a donation of \$25.00 to get the donation drive started. Sharon/KD8HHK reminded everyone to sign in if they have not done so already. Corey/KD8BOQ wanted to say thankyou to the building relocation committee and those that had a hand in the effort. Bernie/N8PVZ made a motion to adjourn, 2nded by Jeff/KB8SXX and approved.

With all business being concluded, we adjourned at 9:14 p.m.

John Hosford/KC8QZB – Secretary

Spread the Word...
*the SCOPE is your source
for Ham Radio News!*

Bits N Bytes...Second Look



50th Annual Michigan Crossroads Hamfest is HERE....It's SPRINGTIME!

You can look outside for a Robin, OR you can just look at your calendar. When you see the Michigan Crossroads Hamfest and Radio Swap, you know that warmer weather is just about here. It's our annual rite of spring and you are invited to join Southern Michigan Amateur Radio Society as they hold their annual show at a NEW location. That's right.....it's a new location and it's easier than ever to get to. Tickets are only \$5 each and the swap runs from 8am to 2pm.

It's going on at the Marshall Activity Center, 15325 W. Michigan Avenue, Marshall, MI 49068. Talk-In is 146.660 (-) offset and a 94.8 PL. Bring a friend.....heck, bring a dozen friends and let's meet at Marshall for the 50th Annual Michigan Crossroads Hamfest and Radio Swap!

CMARC Mourns the Passing of A.C. Stoddard (W8KLN)

The Central Michigan Amateur Radio Club is saddened to announce the passing of Ashman C. Stoddard (W8KLN) on February 10th. A.C., as he was known, was a Life member of our Club and a frequent visitor to meetings, until his move to Kalamazoo a few years ago. A.C. was an Assistant Attorney General for the State of Michigan and retired in 1982. Stoddard is survived by his wife of 70 years, Marian and his son, Dr. Alan G. Stoddard (Ruth), also of Kalamazoo. Private services will be held at a later date. We wish the family of A.C. Stoddard Godspeed. We will miss having him with us.

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 there was some confusion over the date of the Luncheon, we still had five Ladies show up at Applebee's on Saturday, February 13th. They were Ann Berger, Marie Watson/KC8NOI, Sharon Waite/KD8HHK, her daughter Tammy Bengel, and Julie/KB8ZXR. We all had a lot of fun visiting together as we enjoyed some delicious food and some good laughs. If you've missed out on all the fun by not attending one of our get-togethers, I sure hope you'll plan to join us for our next Ladies Luncheon.

Because March is going to be such a busy month for all of us, we decided not to have one this month. Our next Luncheon will be on Saturday, April 17th and we will be meeting at Cheddar's, so be sure to make plans to join us!

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. And 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.

Jim Geyer, WLNS Meteorologist Slated to Present at March CMARC Meeting



Come and join us on Friday, March 12, 2010 at 7:30pm for our next CMARC meeting, as we welcome WLNS meteorologist, Jim Geyer (KD8CHU). Geyer, who is new (again) to the Lansing area, will also be presenting his program to the SKYWARN group on March 20th, but he has consented to come and give us a special talk this Friday evening.

Geyer is no stranger to the airwaves, beginning his career at WJR-760AM for 13 years. He arrived in Lansing at WLNS in 1990 and stayed until 2004, starting the morning newscast there. Geyer left for the Flint area in 04', but is back in our area, doing what he loves best....weather forecasting for Mid-Michigan.

Along with his wife of over 25 years, Jane, "Gentleman Jim" enjoys traveling and is an avid SCUBA diver. His dives have taken him to Lakes Michigan and Huron, but he has also visited Aruba, Bonaire, Saint Maarten, Saba, Mexico, Hawaii, and Tahiti just to name a few.

We encourage all CMARC members to come out and give him a warm welcome home this Friday evening. For those who are not familiar with the new location, we are at the Salvation Army-Capital Area, 701 West Jolly Road, Lansing 48910. Oh and be sure to bring your non-perishable item(s) for donation to the Salvation Army food bank. Details on this worthwhile drop site are located elsewhere in the Scope. We will see you all this Friday!!!



MO' POWER

by Bob Tail

A new monthly column of hints, helps and humor, designed to aid new (and not so new) Amateur Radio Operators

G'day mates!

Jus thought I'd introduce myself and the start of a new monthly column here in yer fine periodical. I'll be voicing my opinion and answering some of the questions some of you may have concerning some of the things we as radio operators encounter in our every day operations. Their will be those of you out there who may disagree with what is printed here, and I welcome your comments. It's nice to have a lively banter now and again. Helps to keep the gears well lubricated under the cap. However, if you take me to task over something that you see, please do your homework before you joust with me. As failure to do so may cause you great embarrassment, and you may wish to keep you reputation intact. I will not publicly attempt to humiliate any of the readership. Many are able to that all by themselves without any assistance from me. I will try to point out common misconceptions and downright falsehoods so that the new generation of radio ops will know enlightenment rather than confusion. Please note that if I am unable to answer a question or problem, I will research some competent authority who may do it better than I. Yes, we're never to old to learn something new. I'm going to call the coloum " Mo Power ", because let's face it , we can all use a little Mo Power now and again. So here goes.....

A statement I've heard frequently both on and off the air. " I can't get on 80 metres because I don't have a large enough lot for 135 ft of dipole." Have any of those tried to load up the 40 metre dipole on 80 ? Use that tuner ! That's what it was designed for ! Oh but the SWR is 2 to 1, won't that waste most of my power? A big NO ! If you have 100 watts coming out of the transmitter, you will still deliver 87 + watts to the antenna. The op on the other end won't know the difference. Still stymied over lot size ? Try that 80 metre dipole in the classic Inverted Vee fashion. Don't worry abt exact shape. If you have to , just let the ends droop a bit. Let the tuner take care of any mismatch in the system. Try to keep the center feedpoint up as high as possible, since this is where most of the current flows and is radiated. Don't be afraid to experiment with it. You may find something " made to order " for your lot size and station setup that will help you to enjoy a new band or made. If possible, feed your dipole with " open wire " or ladder line as it is sometimes referred to. This will make it possible to tune the antenna to more than 1 band. If you use coax, try o use the best your wallet can handle. There's a reason good coax is more expensive, it has less loss, and more of that power will be radiated out where you want it. Remember , all station setups are different, and yours may not play as well as someone else. Experimentation is the order of the day. Don't be discouraged if all is not perfect. Try till you succeed ! 73 till next time, Bob Tail

Bits N Bytes...Second Look



CMARC *NEEDS* YOU!

The Central Michigan Amateur Radio Club is poised to do some great things in the year 2010, ***but we can't do it without your support and assistance.*** Right now, we have need of volunteers for three areas and, while we have some people in place, we need more help.

Building Maintenance Coordinator, Dan Beuchert (KD8MOJ) needs help with setup and cleanup at each month's CMARC meeting. If we get enough volunteers, we will only need two people per month. You can email Dan at ruskirebel@hotmail.com.

SATERN Cadre Leader, Clint Hannahs (KC8EHR) needs members to get involved with the SATERN program. You can get more information at <http://satern.org> and you can also request membership at that site, as well. You may also email Clint at kc8ehr@netzero.net.

Finally, we are in need of a coordinator for the tower deconstruction at the Red Cross in the spring, as well as the construction, here at the Salvation Army. We have volunteers for the job, we just need someone to organize the effort. If you are interested, please contact our Salvation Army Liaison, Erv (W8ERV) at 517-908-6739, or email him at w8erv@acd.net. Thank you in advance for your help!



CMARC Life Membership Extension Running Out

Time is running out for the *extended* Life Membership opportunity at the Central Michigan Amateur Radio Club. As you know, we have offered, for a limited time, the chance to accelerate your membership, based on age and years with the Club and get a Life Membership.

Sample: Bob is going to 45 years of age this year and the age requirement is 65, plus 10 years. If Bob wants the Life option, he pays \$200, which covers both requirements. Fred is 58 and has been a member for 5 years. He would pay \$120, which would cover the 7 year differential, as well as 5 year membership differential.

If you have any questions about getting this before the **April 30, 2010 deadline**, contact Erv at w8erv@acd.net and he can help you get it taken care of. Once that is handled, simply send in your application (note it for Life Membership), add your letter of request and the Board will get it approved and deliver your Certificate and card.

Don't let time run out on you....

Local & Special Interest News

CMARC Treasurer's Report

Primary Share Acct. (Humphries Fund)	\$ 54.95
Business Checking	\$2339.86
NuUnion Certificate of Deposit (3/10/09)	\$1016.23

Net Worth as of 02/28/10	\$3411.04
Youth Fund Balance* (as of 02/28/10)	\$ 179.01
Building Fund* (Club Station)	\$ 260.02

*separate from CMARC Funds

Submitted,
Jerry Waite, KD8GLN
CMARC Treasurer



CMARC Donations to Salvation Army Brings Thanks from Captain Norton

Our first donation to the Salvation Army food bank was warmly received by Captain Norton and his wife, Captain Aimee Norton. They were surprised that we brought the donations, and said they would be put to good use.

Please continue to bring any non-perishable food items, including canned goods, rice, pasta, cereal, baby food, baby formula (canned or powdered), as well as tooth brushes, tooth paste, diapers, wipes, hand soap, shampoo and deodorant. These items are given to the homeless and destitute to help them, so your donations are going for a good cause.

Let's fill the basket again this March 12th and thank you to all who donated last month. We will keep this going as long as the Salvation Army has this food pantry open, and it sure feels good to be part of something so beneficial to those less fortunate.

Thanks, everyone!

Please be sure to visit the new Club Station and see what we have gotten accomplished since last month. We're sure you will like the new addition and just wait til you see what comes next!

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!

VE Testing & Special Announcements

Lansing V.E. Testing Session #1

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

Pre-registration starts at 11:00am and testing starts at 11:30am for the following
date: **Saturday, March 13, 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 April 10th - 12pm

Eaton Co Sheriff Dept-EOC,
1025 Independence Blvd.

Charlotte, MI 48813

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

Shiawassee ARC

Tuesday, March 22nd - 6:30pm

American Red Cross,
712 Corunna Avenue
Corunna, MI 48817

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

Lansing VE Session #2

Tuesday April 6th - 6:30pm

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

March, 2010

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