



Central Michigan Amateur Radio Club

THE SCOOP



Lansing Civil Defense Repeater Association

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Wheat's Talented Feet

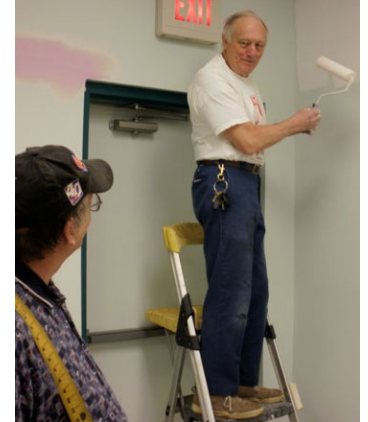
Club Station Walls Get New Look



After a long day of "walkin the walls", CMORC Treasurer, Germey Wheat (KD8GLN) wipes paint from his foot. Thankfully, the foot is obscured!

The walls of CMORC's new Club Station got an overhaul last week, at the hands.....er feet of our own Club Treasurer, Germey Wheat. Wheat grew tired of waiting for the arrival of paint brushes and rollers, proudly proclaiming, "I have a better idea!" Wheat then dipped his gnurled toes into the fresh paint bucket and began gleefully leaving foot prints on the walls, ceiling and doors.

When the lower portions were finished, the nimble Wheat rose to the top of the ladder and went to work on the upper portions. All told, Germey completed more than half of the wall-space in the station. Those on hand for the project included VP, Bob "the Ham" Burger, who was taken aback by the less than appealing look of Germey's feet. "The least he could of done is get a pedicure", a visibly sickend Burger said. "I bet the Club would have even picked up the tab....I don't feel good now."



CMORC VP, Bob "the Ham" Burger (K8RDN) offers painting advice to CMORC Director, Karl Canocornfield (K8YHH). It seems Canocornfield wanted to begin the painting project with Bob's bluejeans. When the dust settled, the two were covered in paint, slapping at each other with brushes and rollers. Thankfully, the two youthful seniors resolved their differences and began heckling the CMORC Photographer, Jerv Banks (W8ERV)

CMORC Prez, Trez Go on Jewelry Buying Spree...Members Call for Immediate Audit



Tough economic times are blamed on a recent jewelry buying spree by CMORC President, Sharin Wheat (KD8HHK) and her lackie....err, Treasurer and husband, Germey Wheat (KD8GLN). It's no coincidence that the two are serving together on the board, and Germey was even overheard bragging about the great deals he got at Jared and, of all places, Wheat Jewelers.

Something smells funny here, and CMORC members are up in arms, demanding an audit of the books. We will keep you posted!

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VE Testing & Announcements

APRIL, 2010

For Your Consideration

I am pleased to report that the progress on our new CMARC Club Station is on target for completion. The specific details of what has been done will have to wait until this Friday evening, when you will all get a chance to see for yourselves, but I promise you will not be disappointed. The new projector will make its debut with our guest speaker's presentation, but there is much more to share with you.

I have asked our president to allow some extra time on June 11th for a dedication ceremony, so we can properly honor Don Devendorf (W8EGI), in whose name this station is being dedicated. We are anticipating a full house for that meeting night, with our ARRL Great Lakes Division Director, Jim Weaver (K8JE) and a few other dignitaries in attendance. This promises to be a great night in the history of this Club, and we are planning a nice ribbon cutting ceremony, as well. My only regret is that Don never got to see our new building!

Now, let's talk about Club projects. As you will learn (in detail) Friday evening, we have gotten much of what we needed to get the Club Station in order, but there are a few key elements remaining on the wish list. First and foremost, there seems to be support for saving up for a new HF Station. I realize there are a few who wish to use older equipment for now, but the overwhelming majority are in favor of moving forward and outfitting our operating position with something current. That being said, we have a fairly large financial hurdle to undertake, as the rig will cost \$1100.

Thanks to the generous donations of several members, the other items have basically been covered, but we are going to have to consider a couple car washes and maybe even selling what remains of the cookbook stock and that goal could be met without issue. Yes, we are still accepting donations of all sizes, for those wishing to do so...but I am looking into the future and trying to find a solution, too.

On the issue of the older equipment, we have a LOT of really old stuff to discuss. Some of it surely must stay, because of its value, as well as its ability to be used. Some other items, however, should be considered for future sale, or maybe even a contest or two. Either way, the Club benefits. Perhaps the formation of a small group to determine what we do should be considered?

Another item to share with you is the upcoming classes. As of this writing, we are close to having things ready to go for that program and Gregg Mulder has already suggested a few ideas. We'll go over those at the meeting on Friday night. If you don't hear suggestions for classes YOU want to see held here, please speak up or email your ideas to me. The goal of this building program is to get more members involved in hands-on construction. Whether it's antennas, coax connectors, antenna switches, or a basic program on soldering, in general, these are designed to help young and old hams get the most out of their Amateur Radio experience. The classes themselves are FREE, but those wishing to take a class may be expected to cover the cost of materials....which should not cost much at all.

Finally, I have a request of our members. Captain Norton has informed me that they are going to have the soup kitchen open occasionally, so I will have a sign-up sheet at the meeting. You may not be called on very often, but this is another way to show the Salvation Army that we care and appreciate what they have done for us.

Let's keep the donations of non-perishable items going at each meeting and let's continue to have fun at CMARC!

73, Erv

What's My Sign?

by Julie McLain KB8ZXR

I was born at home on February 11, 1953 in Flint, Michigan and have an older sister and brother. My Paternal Grandfather built pipe organs for a living, which later led my Dad to become a piano and pipe organ technician. My Mom was a teacher at the Michigan School for the Deaf and was president of the Michigan Education Association, until she later became the Principal for the lower grades at the Deaf School. My parents were both pilots and served in the Civil Air Patrol, sharing their one airplane. After all these years I can still vividly remember the times, even as a child at the age of four, how my Dad would take me up in the Taylorcraft. It was so much fun looking down on the woods and fields below. I really enjoyed those flights and was extremely disappointed when Dad sold that plane.

In 1972, right after graduating from Flint Central High School, I joined the Navy where I served as Radioman Second Class on a Flag Ship. I worked in the Radio Room watching the teletype broadcast and fixing the teletype machine. I got out in 1974 and was in the reserves for another 4 years. After the Navy, I went to Mott College for a couple years, taking courses in Veterinary Medicine. I then went to work for General Motors as a pipe fitter, with the last 8 years working with the factory's heating, ventilation and air conditioning systems, and taking care of their air pollution control systems. After about 30 years of working in downtown Flint, I retired in 2003.

My love for Amateur Radio started early in life, because my parents were both Hams! I would spend as much time as I could with my Dad and even went along with him when he volunteered his communications skills to help with emergencies and various public events. I loved watching him work in his shack, building radios and amplifiers and improving the way his equipment worked. I still remember the time he gave me a crystal and some wire, which I used to make a crystal set, attaching the wire to my bedsprings for the antenna. I would lie in bed at night and listen for hours to my radio with an earphone. Dad often encouraged me to study so I could get my Novice Class license, but it wasn't until April 4, 1984 (three years after he passed away), that I finally buckled down and got my first Amateur Radio license as KB8BWQ. When it came time for me to renew my license ten years later, what with all the distractions that come with a family and job, I unfortunately let it lapse. Recently, my sons informed me that they were going to get their Ham licenses and asked if I'd like to join them. Well, after a period of studying, we attended a Howell VE session in November of 2009 and the three of us walked out with smiles on our faces, anxiously waiting for our new call signs to show up on the FCC database.

Now that I'm back in the Hobby, I'm slowly but surely accumulating equipment which includes a 2-meter/70 cm beam antenna that is inside the house right now, with hopes of getting it up on a tower in the near future. I also have a Kenwood TM-V71A, which (with the beam pointed towards Okemos) lets me hit the 145.39 with no problems on only 5 watts, in spite of the distance. My HT is a Yaesu FT-60R that I sometimes use to control the Kenwood for cross-banding. I also have my Dad's Drake TR-4, which he used every day to talk to a friend in Guadalajara. I just got a speaker power supply for it and am waiting for a manual so I can learn how to use it. It's a great older radio! Although I do work some 440, you can usually find me on 2-meters, but I eventually also want to get out on 15 meters where my Dad liked to work. I'm interested in learning CW, even though it is no longer a requirement, and have been trying my hand at Slow Scan TV, as well. I think it would be interesting and fun to one day work some digital modes such as packet, too. Although not from the area, I'm a member of the Central Michigan Amateur Radio Club and the Lansing Civil Defense Repeater Association.

When in the course of interviewing me, Julie asked if I had any words of wisdom regarding Amateur Radio to which I replied, "Politics should be kept out of Amateur Radio. After all, one Ham is no better than any other. . . we're ALL family!"

There, now that we've become a little better acquainted, "What's My Sign?" My current Callsign is K8KOO and my name is Dale Donelson. My sons are Gabe/KD8MJL and Chris/KD8MJJ. After being licensed in November '09 with the Callsign KD8MJK, I decided to check the FCC database and learned that my Dad's old Callsign, K8KOO, was available. I immediately decided to get it back in the family by means of the FCC Vanity Callsign program. And then, since my Dad's 1959 Michigan automobile license plate was his Callsign, I decided to get THAT tradition back in the family, too. So, some 50 years later, K8KOO is once again on a Donelson vehicle . . . MINE!!

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

April Birthdays & Anniversaries

04/02	Jeff Oberg (KB8SXX)	04/10	Bob Berger (K8RDN)
04/07	Ken Kruger (W8AAX)	04/11	Linda Conklin (K8LCC)
04/07	Dick McGuire (K18C)	04/18	Ron St. Laurent (ND5S)
04/07	Dave & Roberta Held Anniv.	04/22	Ken Hull (WR8S)
04/07	Jim Hannahs (KC8QWH)	04/22	Dan Fuller (W8VVR)
04/08	Troy Creed (W8TCC)	04/22	Beverley Stoner (K8ZJU)
04/09	J. Ervin Bates (W8ERV)	04/24	Wayne & Linda Conklin Anniv.
04/09	Scott & Sandy Tickner Anniv.	04/29	Donald Cote (KD8BD)



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's KEY of the Month



This months Key Of The Month is a Vibroplex "Presentation" Iambic Deluxe. This one I ran into at the Midland swap a few years ago. It was from a Silent Key's estate es the price was right.

I put on the "Lepardwood" finger pieces to jazz it up a little, es they were a very nice match. The key sends effortless code. You almost don't even have to squeeze the paddles. Just "think it" es it sends it. Now thats a friendly key !

~73, Gregg WB8LZG

CMARC Meeting Notes

CMARC BOARD MEETING

MARCH 12, 2010

President Sharon Waite/KD8HHK brought the meeting to order at 7:02 p.m. with the following Board members in attendance: Vice President Bob Berger/K8RDN, Secretary John Hosford/KC8QZB, Treasurer Gerry/KD8GLN, Director Don McLain/KB8RAD, Under 22 Director Corey Bullock/KD8BOQ,. Excused were: Director Carl/K8YHH. also present were Erv/W8ERV and Clint/KC8EHR.

Sharon/KD8HHK reported that we have several lifetime memberships to approve, Erv/W8ERV reported that he brought several certificates to be signed.

Erv/W8ERV reported that the Yaesu 757GX2 and a tuner is in the club room, Jane and George Newton donated a 30ft aluminum tower. the tower needs a new base made. the bookcases were donated by Jeff and Katie Moore.

Erv/W8ERV scanned the picture of Ralph/W8PLP and Don/W8EGI with the permission of the family. he did some color correction and printed the picture. he also had a larger version of the picture made and is donating both pictures to the club. Erv/W8ERV said that he is going to recommend to the club membership that the club station be named in Don/W8EGI's honor. Erv/W8ERV talked to the Devendorf family and was given permission to procure Don's call sign (W8EGI) for the CMARC youth.

Erv/W8ERV checked on prices on computers and a projector and proposed that we present them to the membership. Sharon/KD8HHK asked when the tower will be going up. Erv/W8ERV reported that first we need a new base for the tower, perhaps a tilt over base. the board discussed and decided that there will be a "MAY" CMARC meeting. Corey/KD8BOQ made a motion to approve the lifetime memberships seconded by Don/KB8RAD and approved.

With all business concluded, The Board meeting closed at 7:30 p.m.

John Hosford/KC8QZB – Secretary

CMARC MEETING MINUTES

MARCH 12, 2010

President Sharon Waite/KD8HHK called the meeting to order at 7:35 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 (49 members and 11 visitors). Our guests were: Ken/KC8LTL, Charlie/WD8PVS, Mary Tillitson, Randy/KD8MOK and son RJ, Jean Devendorf, daughter Sue and son in law Don, Jeff and Will moore. our speaker for the evening; Jim Geyer/KD8CHU.

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

CARDS AND FLOWERS REPORT: Jane Hosford/KC8FSK reported that a card was sent to the family of AC Stoddard/W8KLN and to the family of Don Devendorf/W8EGI

INTERESTING DX CONTACTS: Greg/WB8LZG reported that there have been openings deep into Russia right at daybreak. he also worked two Lithuanians this morning. Ken/KC8LTL worked tanzania on 15 meters cw at 5 watts. Bob/K8RDN reported that Ken/W8AAX has worked about 50 dx stations this month.

ANNOUNCEMENTS: The next CMARC meeting will be on Friday, April 9, 2010. Sharon/KD8HHK announced that the deadline for the Ziegenbein nomination letters is march15. Don/WB8NUS said that he has a list of the charity walks for the year. also he has LCDRA's new mailing address: PO BOX 4 EAGLE MICHIGAN 48822-0004. Marshall swap and Skywarn class are next weekend.

OLD BUSINESS: A motion to accept the Febuary Treasurers report as printed in the scope subject to annual audit was made by Jim/KC8QWH and seconded by Dan/W8BCI and approved. a motion to accept the Febuary Secretary's Report as

CMARC Meeting Notes

Continued...

printed in the SCOPE was made by Bernie/N8PVZ and seconded by Dick/KI8C and approved. Sharon/KD8HHK announced that Julie/KB8ZXR is working on a location and time for Ladies Night. Let Julie/KB8ZXR know if you would like to go.

NEW BUSINESS:

Erv/W8erv reported that Jane/KC8HJQ and George/KC8DVBV Newton donated an aluminum tower to the club. there was an anonymous donation of two work surfaces to the club for the radio room, two bookcases were donated to the club.

Erv/W8ERV said that about two months ago when everything was full steam ahead he thought about requesting that the club make a blanket dedication of the club station in memory of silent keys. well as most of you know Don/W8EGI(SK) was a member of CMARC for about 62 years. In honor of Don/W8EGI(SK) Erv/W8erv spoke with Jean Devendorf and she approved that CMARC pursue Don's callsign for the under 22 group, knowing that we have Ralph/W8PLP's call, it is only appropriate that where we have one, we have the other. Erv/W8ERV made a motion to name the club station in Don/W8EGI's(SK) honor, seconded by Bernie/N8PVZ and approved.

Erv/W8ERV, with the permission of the Devendorf family, scanned the picture that Don/W8EGI(SK) brought to every ladies night. he did a little color correction and printed the pic-

ture out again and donated the picture to the club. he also had a larger version of the picture made and donated that to the club.

Erv/W8ERV reported that he has checked into a new projector for \$400.00 and a stand for the projector for \$170.00 and two off lease computers (2ghz, 1gig ram, 80 gig hard drive, windows xp 1yr parts and labor warranty, refferbished) with monitors for \$169.00 each for a total of about \$1100.00. Erv/W8ERV made a motion to use the money that is in the radio room fund now and use whatever we need from the general fund to make up the difference and get these items so that we have computers to do logging, programs for cw training, etc. the projector will be used at club meeting and also for programs. the proposed items were discussed as well as the possibility of getting used or donated items. Erv/W8ERV changed his motion. Erv/W8ERV made a motion to purchase the projector immediatly and hold off on the other items until we get feedback on finding a used stand and other options on computers. 2nded by Corey/KD8BOQ and approved.

Erv/W8ERV said that since we have had the 30ft aluminum tower donated to the club he would like to recommend that we put up the aluminum tower and decide what to do with the old tower that is currently at the red cross. the only thing that the aluminum tower needs is to have a new tiltover base made for it.

Sharon/KD8HHK had several lifetime membership certificates to announce, Erv/W8ERV, Gus/K8KU, Bill/W2PMH, Richard/WA8VBY, Don/KB8RAD, Julie/KB8ZXR, Roger/AB8RX, Dick/KI8C, William/KC8ALL, Dan/W8BCI, Marlene/KC8GXO, Roger/KB8YQX

UNDER 22 REPORT: Corey Bulock/KD9BOQ reported that Don/W8EGI's(sk) callsign with the permission of the family will be persued for the CMARC youth.

50/50 DRAWING: Bernie/N8PVZ won \$25.00 in to-night's drawing and donated the winnings to the radio room fund.

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

MAIN PROGRAM AND/OR SPEAKER: Jim Geyer/KD8CHU was our speaker for the evening. With all business being concluded, we adjourned at 9:18 p.m.

John Hosford/KC8QZB – Secretary

**Bring a Friend
to a CMARC Meeting
This Friday Evening**

**Please Don't
Forget Your Donations
of Non-Perishable
Items for the
Salvation Army Food Bank**

Bits N Bytes...Second Look

CARE AND FEEDING OF YOUR PET HAM

Occasionally, I stumble across some really entertaining stuff in my email box. Between Carl (K8YHH) and Bob (K8RDN), I find myself spending many minutes a couple times a week, reading and enjoying what these two characters dig up for me. This past week, Carl sent me an item I just HAD to run. It is a piece I wish EVERY YL (wife) could read, once her Ol' Man gets his first Amateur Radio License, because it would explain some of his behavior. Enjoy this piece and share it widely...

Pet hams are so intelligent they often seem human, but they can be difficult to raise. Only someone with great patience should attempt it. In case you do, here is a guide to the basics.

Living Area -- A pet ham needs a private nest area, an entire room where it will not be disturbed. Your pet ham will spend many happy hours alone there with its treasures. -- boxes, wires, bits of metal, glass, paper, etc. that it will bring home whenever it ventures out. You will want to encourage your pet ham to confine its activity to this room to prevent the entire house from being subjected to noise, clutter and the boring of holes in the walls.

Expenses -- Keeping a pet ham is expensive, but, unlike most common pets, a pet ham can be trained to work outside the home for a few hours each day. It may even bring in enough money to offset its expenses.

Feeding -- A well-behaved pet ham will eat with the family occasionally, but it will feed more comfortable and secure taking its meals in the nest room. You must be sure your pet ham is well supplied with food and drink during the long periods it spends alone in there, even if it does not beg or whine.

Obedience Training -- A pet ham can be trained to perform simple tricks, the easiest and most common being "sit" and "speak" Do not be alarmed if it practices them for hours at a time in the nest room.

Health Problems -- The pet ham typically suffers lower back pain and minor throat irritations from too much sitting and speaking, but health maintenance costs tend to be minimal.

Travel -- Your ham pet will gladly travel with your family by car or even by air, if allowed to bring along certain familiar items from the nest room. Most pet hams enjoy trips to places where they can meet pet hams from other families.

Breeding -- If you plan to breed your pet ham, you should do so as soon as possible after you get it. As a pet ham matures, it becomes increasingly reluctant to engage in activities not associated with its nest room collection.

Submitted by Carl Canfield (K8YHH) from the Yahoo Arizona Ham Web Site.

Bits N Bytes...Third Look

CMARC Life Membership Deadline Looms - April 30, 2010

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 \$70, 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....

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.

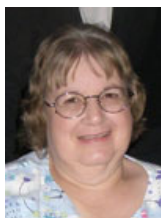
Our goal is \$3000. For more information, please read "For Your Consideration". Thanks!

146.700 Gets New 107.2 PL April 10th

Effective Saturday, April 10th, the 146.700 repeater will have a new PL Tone. According to LCDRA President, Dan Harger (W8BCI), the new PL was necessary to keep outside signals from our machine.

If you have any questions regarding this change, LCDRA meets on Thursday, April 15th at 7pm. The meeting will be held in the Club Station room at the Salvation Army, 701 W. Jolly Road, Lansing, MI 48910. See you there!

Ladies of CMARC News



Tea Time Luncheon Update...

by Julie McLain, KB8ZXR

kb8zxr@aol.com

517-694-0812

Ladies Tea Time Luncheon Coordinator

That's right—it's that time again, time for making plans to attend the next Ladies Tea Time Luncheon. For April'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, April 17th (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 16th if you plan on attending.

You can contact me at

(517) 694-0812 or KB8ZXR@aol.com



Ladies Night/Ziegenbein Award Banquet

WHO: All CMARC Members (Spouses, Families or Friends)

WHAT: CMARC's Annual Ladies Night/Ziegenbein Award Banquet

WHEN: Friday, May 7, 2010 at 6 p.m.

WHERE: Delhi Café, 4625 Willoughby Rd. in Holt

WHY: To honor our Ladies, present the Ziegenbein Award, and enjoy food, fellowship and entertainment!

Please make your reservations before Tuesday, May 4th by contacting Julie McLain/KB8ZXR at 694-0812 or KB8ZXR@aol.com



MO' POWER

by Bob Tail

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

G'day again mates !

Just a bit of background on me upbringing. I was raised on valve sets. Tubes to you "yanks". Born on the "North Island", and me mum n dad moved around quite a bit when I was a lad. So, please understand that some of the electrical terms I was raised with may differ from the ones you may be familiar with, and yet we can all relate to simple things, like getting a good "sparking" whilst having ones hands in the wrong place during x-mit. Naturally, Ouch is ouch in any language ! For those who may not otherwise guessed, Bob Tail is my moniker. I prefer to write in guise, to move quietly among the masses. Collecting information about hearsay and innuendo, and to dispel the myths and bunkum, from the facts. So with this months installment, "on with the hunt !"

What's that ? The new MyRal, Topgain, Easycraft antenna for 2 metres is Super at Only 129.99 ! Wow ! and gain to boot ! Can't wait ! Where do I get one ?

Whoooooa ! Stop the presses ! Just what do you think your going to get for your \$129.99 + taxes ? Are you by chance hoping to work DX with it ? Or just wanting to get "full quieting" into the local repeater ? Did frugal go out of style while I was away ?

Back when I was but a youngster, the kind of money to purchase commercial equipment was far out of reach. With but a few pence, "hard earned pence", we would trot to the local village hardware, to find a bit of wire and the items not already scrounged for the project. I believe more of the new hams would get a lot more fun out of the hobby by getting back to the basics of building from scratch. Getting both useful equipment, and saving money in the process. You may even learn a trick or two, so "stand by for heavy rolls" !

This month we will do a quick construction technique for an easy 2 metre vertical ground plane aerial that will make you the envy of every kid on the block. "Even that cute red haired YL down the lane" Step 1 : scavenge the following parts, 5) metal (wire) coat hangers. 4) 6-32 size 1/2" screws with nuts. 1) SO 239 chassis connector. Step 2 : Un bend the wire hangers and straighten the wire out. Cut the wires with a linemans shears to a length of 19 1/2" . prepare the ends of the wire for a good electrical connection by emorying off the lacquer or varnish coating, revealing bare metal. With a firm hand and pincers form one end of wire into a small "hook" Remember it's all fun and games until someone put an eye out." Carefully solder 1 wire straight into the inside end of the SO239 connector. This will be the vertical radiator of the antenna. Take the other 4 wires and attach them to the 4 holes in each corner with the screws and nuts. They may stay perpendicular or may be bent slightly downward. These will be the "ground screen" against which our 1/4 wavelength vertical will operate. Step 3 : Choose a place to mount the antenna and attach a suitable length of coaxial cable to reach the exciter. You may utilize one or more of the holes in the connector to help facilitate mounting. This antenna may even be used indoors by hanging a string to the top hook in the vertical radiator, then to high spot in the room. I'll just bet from inside the house, sitting there on the chesterfield, you'll be able use all the local repeaters quite handily. As you know, outdoor mounting is

(MO' Power continued on page 11)

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) still 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) still 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!

(MO' Power continued from page 10)

desireable for better DX. Rule of thumb for any antenna: the higher the better. If mounting outdoors, seal the connector with a spot of roof tar, "silicone" for weather, mounting as high and in the clear as possible. In many cases just over the peak in the roof will be plenty of altitude. For the "purists" among you who may be gasping, "Oh! but we didn't tune it!" Go ahead, connect your VSWR meter and trim to your liking. But built to the dimensions above, it should make the exciter happy and give a good account of itself.

There you have it, simple, effective, don't forget fun, and best of all you just saved \$127.95 over that "super duper" commercial product, and they won't be able to tell that your not using that Super Wammy Hammy Stick." Unless you tell."

Oh, by the by, Sorry to forget me manners. That cute little red haired girl, Her name is Nil, Nil Current. From a fine family down the lane. Nil and Ned attend many of the same classes in school, and Nil has a keen interest in radio hamming. Likes the idea of chatting 'round the world. Sometimes she tags along to the hammy club meetings with Ned. Well.... Ned Novice built one of those 80 metre dipoles from last month, and hoisted the center up high into a nearby tree. Tells his friends about the fun he's having talking to hams in South America at night. Ned goes on to exclaim that he's going to construct His Own, 2 mtr antenna like the one described here, thereby saving himself \$125 plus to use on other more important things. Nil is quick to notice Ned's financial expertice, and is impressed with the lad. I have a feeling that Nil has a "sparkle" in her eye for our boy Ned. Who can say, we may hear about them again soon. I believe Ned has noticed Nil's favor. Nice to see 2 kids having fun and not watching all that rot on the tely. Eh?.

So sad that a fine read like this only publishes once a month, you'll have to until the next installment to see what awaits those who believe in Ohms Law.

Local & Special Interest News

CMARC Treasurer's Report

Primary Share Acct. (Humphries Fund)	\$ 54.95
Business Checking	\$2561.31
NuUnion Certificate of Deposit (3/10/09)	\$1017.16

Net Worth as of 03/31/10	\$3633.42
Youth Fund Balance* (as of 03/31/10)	\$ 189.83
Building Fund* (Club Station)	\$ 88.83

*separate from CMARC Funds

Submitted,
Jerry Waite, KD8GLN
CMARC Treasurer



2010 Walks, Runs and Such

April 24th-March for Babies, 8am at Riverfront Park LCC, Talk-In 146.940

May 5th-MS Walk, 9am at Potter Park Zoo, Talk-In 146.940

May 23rd-CF Walk, 12pm at Dewitt Park in Dewitt, Talk-In 146.580 Simplex

June 26, 27th-2010 ARRL Field Day at Gardner Middle School. Setup on Friday at 5pm, with operation to begin on Saturday at 2pm, through Sunday at 2pm. Watch the Scope for more details on this annual event!

July 12-18th-Common Ground at Adado Riverfront Park. More information coming on this event. Watch the Scope for more details.

July 17th-18th-MS 150 Bike-A-Thon, More information coming on this one, with website link

September 12th-MSU Women Working Wonders Walk, time to be determined at Hawk Island Park, Talk-In 146.580 Simplex

October 3rd-Hospice Walk, time to be determined at Hawk Island Park, Talk-In 146.580

Contact Jeremiah Sevrey (jasevrey@att.net) or Donald Tillitson (517) 321-2004 for more information or to volunteer your time.

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, May 08, 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
Treasurer/Memb. Chair: Jeff Oberg-KB8SXX	ph: (517) 712-1302
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
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 the Salvation Army-Capital Area, 701 W. Jolly Road, Lansing 48910

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

Thursday, April 22nd - 6:30pm

American Red Cross,
712 Corunna Avenue
Corunna, MI 48817

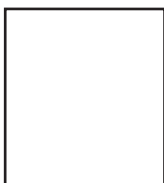
Contact: Thomas Carpenter (KI8AS)
phone: (517) 579-0599

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 SCOOP

Lansing Civil Defense Repeater Association



April, 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 4, Eagle, MI 48822-0004